

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111121\
 Data File : VU045752.D
 Acq On : 11 Nov 2021 20:28
 Operator : SY/MD
 Sample : M4594-09MS 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 56BR-20211108MS

Quant Time: Nov 12 06:13:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/12/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.375	168	95459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	171309	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	168564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	90180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	90875	63.566	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 127.140%#			
35) Dibromofluoromethane	5.292	113	70603	61.730	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 123.460%			
50) Toluene-d8	7.899	98	256975	60.422	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 120.840%#			
62) 4-Bromofluorobenzene	10.636	95	100434	58.891	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	59042	47.704	ug/l	97
3) Chloromethane	1.520	50	66544	46.990	ug/l	99
4) Vinyl Chloride	1.604	62	72632	52.652	ug/l	98
5) Bromomethane	1.842	94	42837	55.674	ug/l	98
6) Chloroethane	1.925	64	43874	48.735	ug/l	97
7) Trichlorofluoromethane	2.134	101	93311	51.153	ug/l	100
8) Diethyl Ether	2.376	74	37799	52.347	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.578	101	53509	50.235	ug/l	98
10) Methyl Iodide	2.723	142	54551	39.135	ug/l	92
11) Tert butyl alcohol	3.179	59	87991	310.960	ug/l	99
12) 1,1-Dichloroethene	2.578	96	52061	49.572	ug/l	96
13) Acrolein	2.485	56	12160	296.547	ug/l	96
14) Allyl chloride	2.922	41	95973	51.179	ug/l	98
15) Acrylonitrile	3.311	53	216478	286.541	ug/l	100
16) Acetone	2.626	43	173188	237.980	ug/l	98
17) Carbon Disulfide	2.793	76	131538	44.716	ug/l	100
18) Methyl Acetate	2.948	43	140756	56.786	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	205267	54.298	ug/l	99
20) Methylene Chloride	3.048	84	69312	54.813	ug/l	99
21) trans-1,2-Dichloroethene	3.353	96	56396	51.617	ug/l	99
22) Diisopropyl ether	3.993	45	207239	56.283	ug/l	100
23) Vinyl Acetate	3.957	43	802097	283.235	ug/l	100
24) 1,1-Dichloroethane	3.871	63	120081	54.727	ug/l	98
25) 2-Butanone	4.700	43	283624	280.997	ug/l	100
26) 2,2-Dichloropropane	4.668	77	84259	46.342	ug/l	98
27) cis-1,2-Dichloroethene	4.668	96	94111	73.337	ug/l	97
28) Bromochloromethane	4.977	49	57898	55.349	ug/l	97
29) Tetrahydrofuran	5.051	42	179292	290.398	ug/l	100
30) Chloroform	5.089	83	119037	54.855	ug/l	98
31) Cyclohexane	5.388	56	97529	46.755	ug/l	100
32) 1,1,1-Trichloroethane	5.318	97	100860	54.503	ug/l	97
36) 1,1-Dichloropropene	5.530	75	80334	48.093	ug/l	98
37) Ethyl Acetate	4.803	43	105706	55.090	ug/l	97
38) Carbon Tetrachloride	5.527	117	84611	50.243	ug/l	99
39) Methylcyclohexane	6.764	83	95149	46.431	ug/l	98
40) Benzene	5.777	78	250035	50.559	ug/l	98

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Manual Integrations
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Reviewed By :John Carlone 11/12/2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	56822	56.036	ug/l	99
42) 1,2-Dichloroethane	5.797	62	95977	53.729	ug/l	100
43) Isopropyl Acetate	5.912	43	157676	53.725	ug/l	100
44) Trichloroethene	6.546	130	195358	165.029	ug/l	99
45) 1,2-Dichloropropane	6.793	63	70077	53.553	ug/l	98
46) Dibromomethane	6.919	93	48476	53.465	ug/l	100
47) Bromodichloromethane	7.108	83	95289	55.389	ug/l	97
48) Methyl methacrylate	6.961	41	73199	54.188	ug/l	96
49) 1,4-Dioxane	6.964	88	40479	1165.234	ug/l #	96
51) 4-Methyl-2-Pentanone	7.793	43	553204	285.743	ug/l	99
52) Toluene	7.970	92	159435	52.659	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	99593	50.371	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	109811	52.289	ug/l	96
55) 1,1,2-Trichloroethane	8.404	97	69390	55.298	ug/l	98
56) Ethyl methacrylate	8.333	69	107016	47.666	ug/l	97
57) 1,3-Dichloropropane	8.578	76	120540	53.334	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	264384	228.856	ug/l	99
59) 2-Hexanone	8.684	43	420026	249.354	ug/l	99
60) Dibromochloromethane	8.813	129	72710	55.646	ug/l	99
61) 1,2-Dibromoethane	8.925	107	70943	52.713	ug/l	98
64) Tetrachloroethene	8.555	164	52186	53.940	ug/l	96
65) Chlorobenzene	9.449	112	162178	48.981	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	62425	52.863	ug/l	98
67) Ethyl Benzene	9.571	91	296045	49.928	ug/l	100
68) m/p-Xylenes	9.697	106	230956	103.281	ug/l	99
69) o-Xylene	10.102	106	113500	52.207	ug/l	99
70) Styrene	10.115	104	195265	53.091	ug/l	99
71) Bromoform	10.295	173	52824	47.431	ug/l #	100
73) Isopropylbenzene	10.488	105	298501	50.660	ug/l	100
74) N-amyl acetate	10.321	43	134019	50.418	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.784	83	119595	51.229	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	95634m	34.970	ug/l	
77) Bromobenzene	10.784	156	70258	49.111	ug/l	97
78) n-propylbenzene	10.909	91	363324	49.543	ug/l	100
79) 2-Chlorotoluene	10.989	91	213529	49.283	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	258863	50.283	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	32377	39.455	ug/l	99
82) 4-Chlorotoluene	11.099	91	251595	49.514	ug/l	100
83) tert-Butylbenzene	11.423	119	242839	49.484	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	258180	50.460	ug/l	100
85) sec-Butylbenzene	11.645	105	322187	49.502	ug/l	100
86) p-Isopropyltoluene	11.796	119	265388	48.795	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	136454	47.273	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	138169	47.328	ug/l	100
89) n-Butylbenzene	12.211	91	243872	46.548	ug/l	99
90) Hexachloroethane	12.478	117	43989	44.834	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	138449	49.300	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	27514	49.948	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	87936	45.287	ug/l	98
94) Hexachlorobutadiene	14.025	225	35758	42.662	ug/l	100
95) Naphthalene	14.089	128	336115	46.126	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	93585	48.523	ug/l	100

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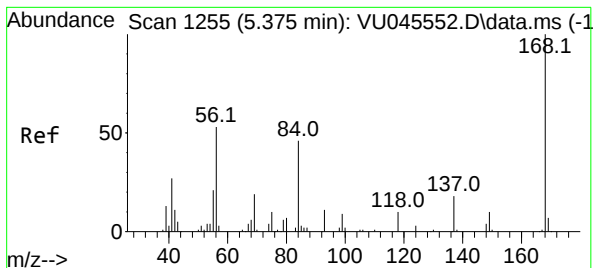
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

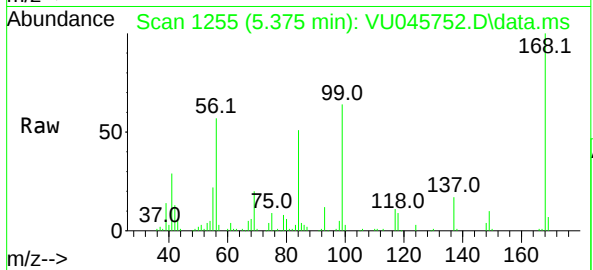
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045752.D
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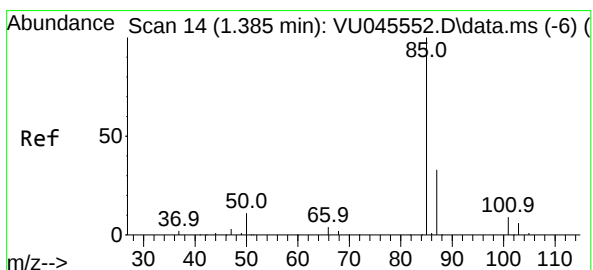
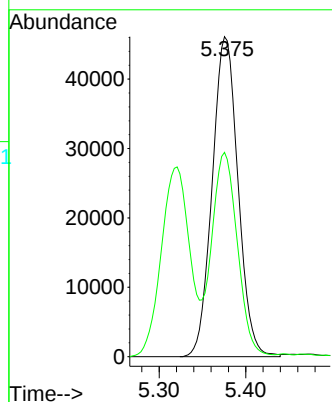
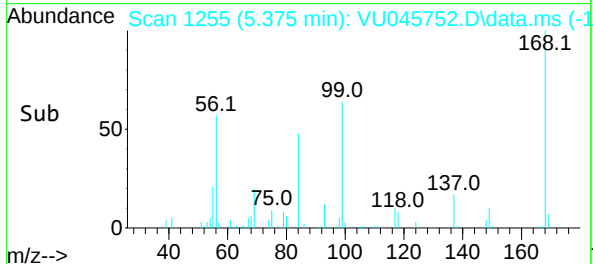
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 95459
Ion Ratio Lower Upper
168 100
99 63.0 51.0 76.6

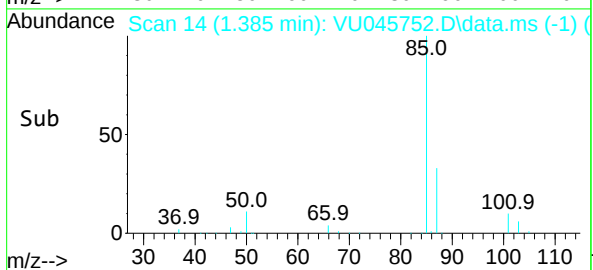
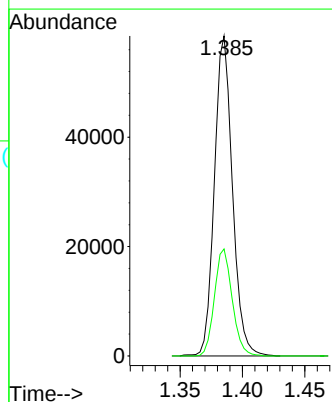
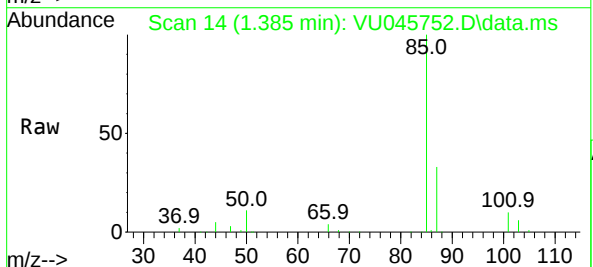
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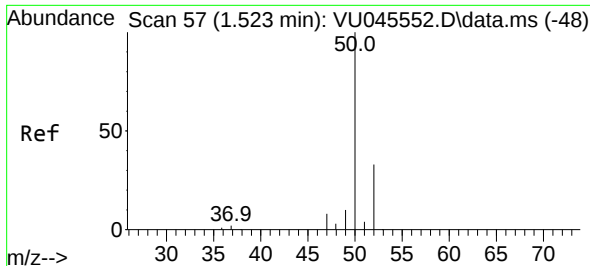
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#2
Dichlorodifluoromethane
Concen: 47.704 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

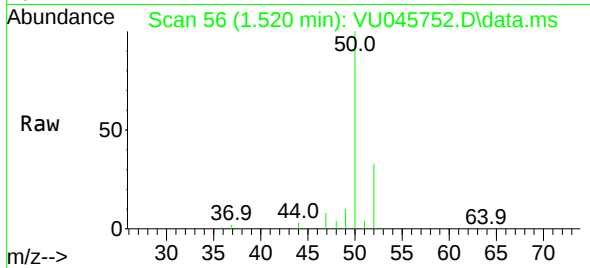
Tgt Ion: 85 Resp: 59042
Ion Ratio Lower Upper
85 100
87 33.4 15.9 47.7





#3
Chloromethane
Concen: 46.990 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

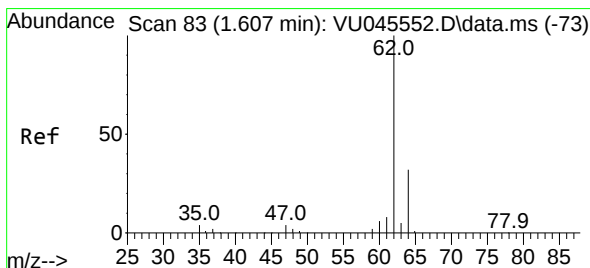
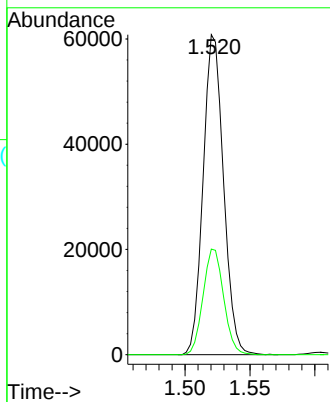
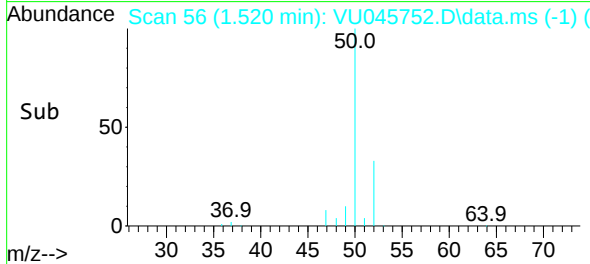
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Tgt Ion: 50 Resp: 66544
Ion Ratio Lower Upper
50 100
52 33.0 26.6 40.0

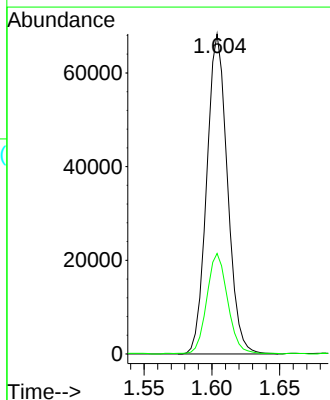
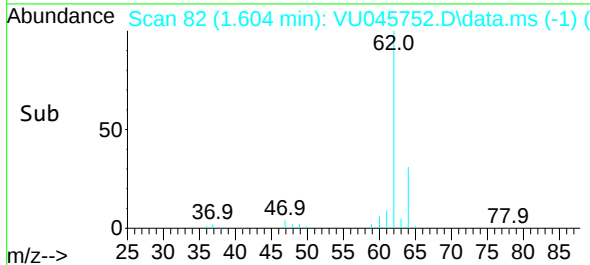
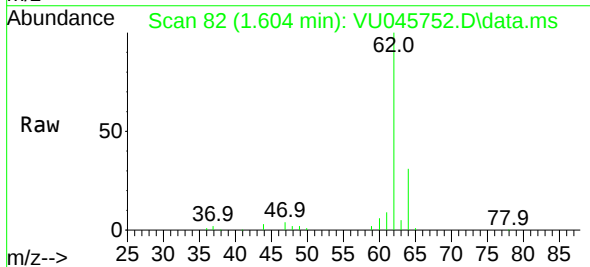
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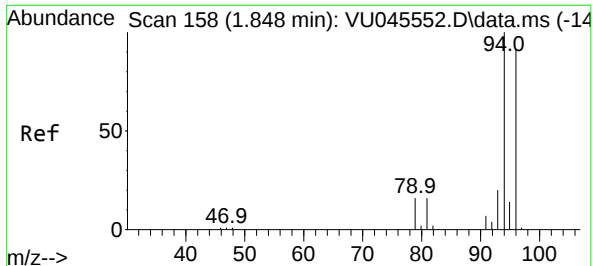
Reviewed By :John Carlone 11/12/2021
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#4
Vinyl Chloride
Concen: 52.652 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

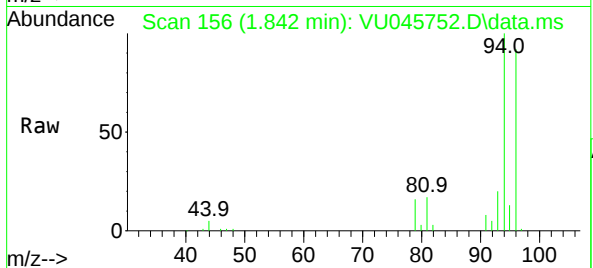
Tgt Ion: 62 Resp: 72632
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.6





#5
Bromomethane
Concen: 55.674 ug/l
RT: 1.842 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

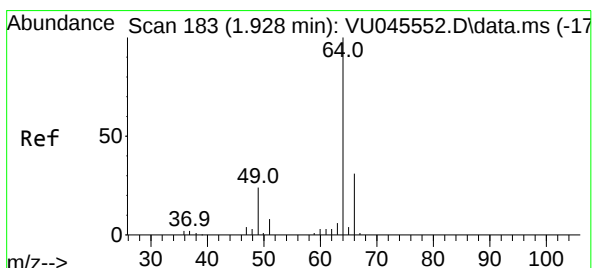
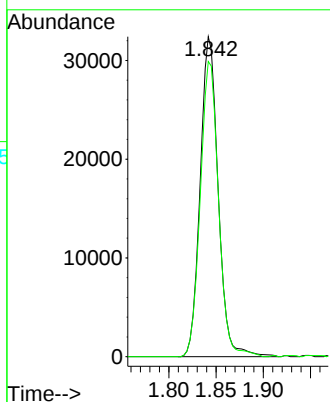
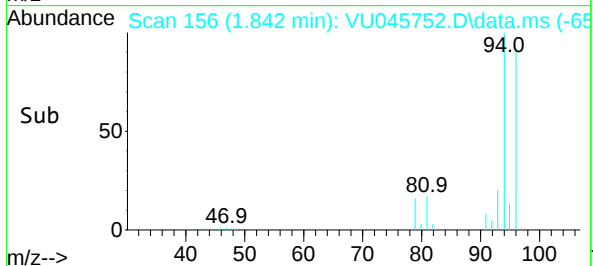
Instrument :
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Tgt Ion: 94 Resp: 4283
Ion Ratio Lower Upper
94 100
96 92.3 75.4 113.2

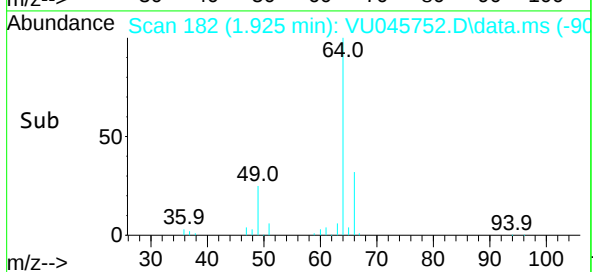
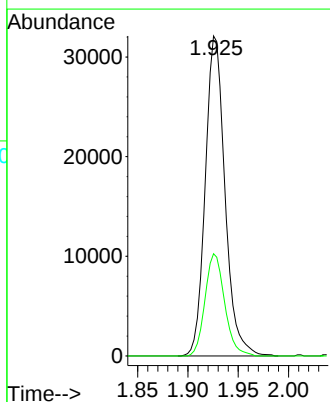
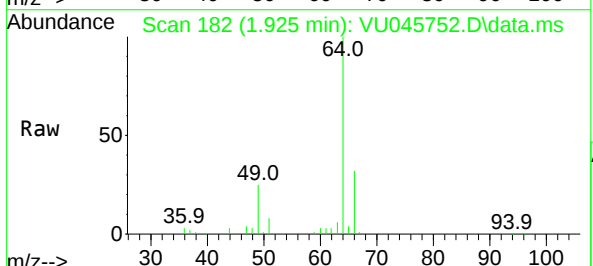
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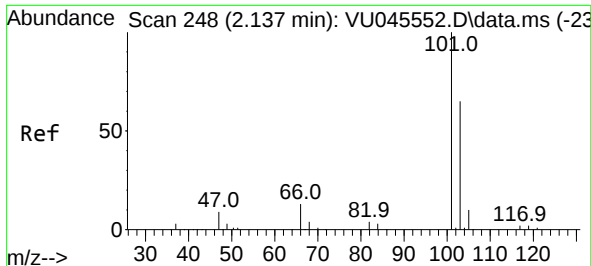
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#6
Chloroethane
Concen: 48.735 ug/l
RT: 1.925 min Scan# 182
Delta R.T. -0.003 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

Tgt Ion: 64 Resp: 43874
Ion Ratio Lower Upper
64 100
66 32.0 26.7 40.1





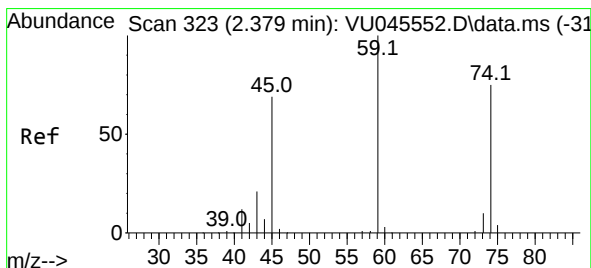
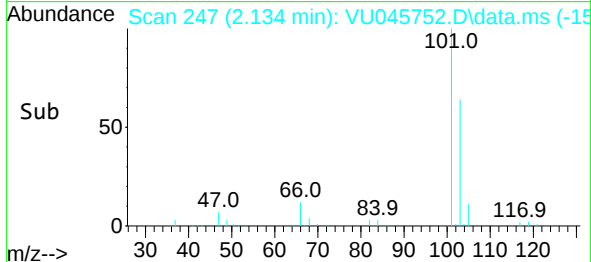
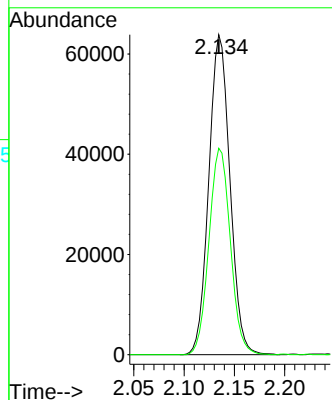
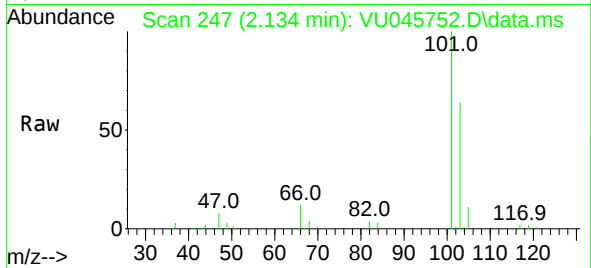
#7
 Trichlorofluoromethane
 Concen: 51.153 ug/l
 RT: 2.134 min Scan# 247
 Delta R.T. -0.003 min
 Lab File: VU045752.D
 Acq: 11 Nov 2021 20:28

Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 9331
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.4 77.0

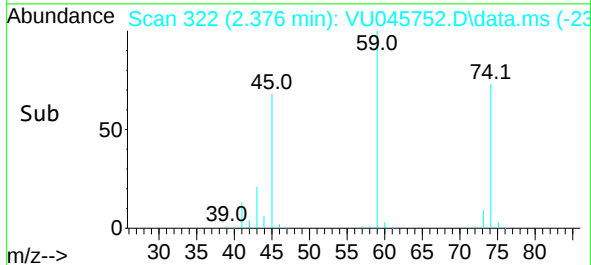
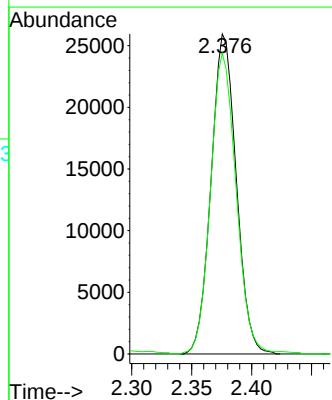
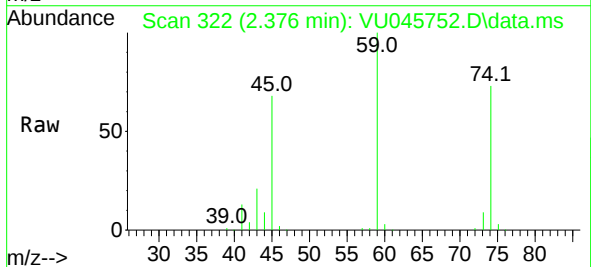
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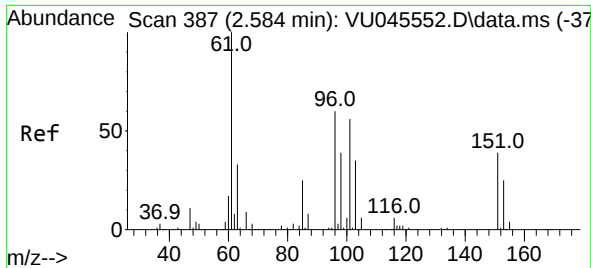
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#8
 Diethyl Ether
 Concen: 52.347 ug/l
 RT: 2.376 min Scan# 322
 Delta R.T. -0.003 min
 Lab File: VU045752.D
 Acq: 11 Nov 2021 20:28

Tgt Ion: 74 Resp: 37799
 Ion Ratio Lower Upper
 74 100
 45 96.1 47.3 141.8





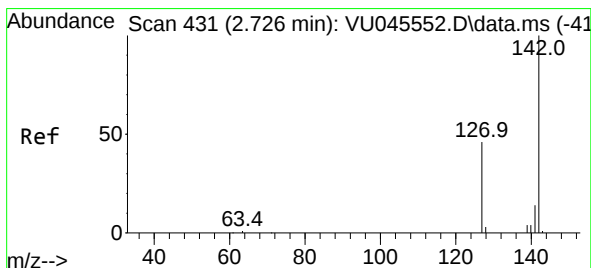
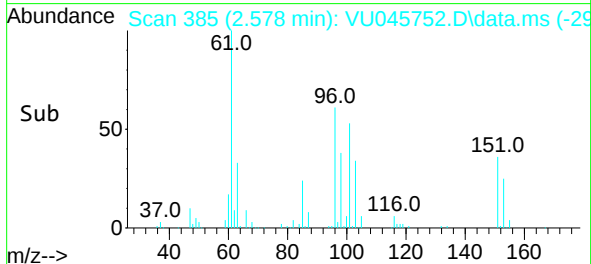
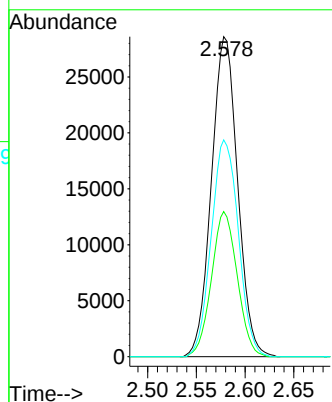
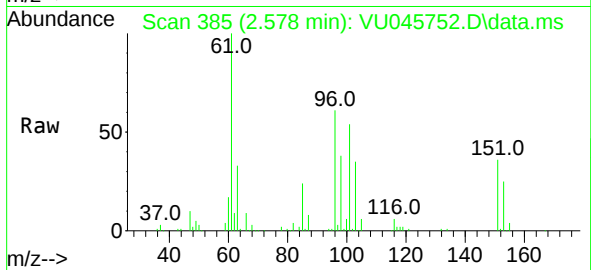
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.235 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.006 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MS

Tgt Ion:101 Resp: 53509
Ion Ratio Lower Upper
101 100
85 44.5 35.0 52.4
151 70.2 54.6 82.0

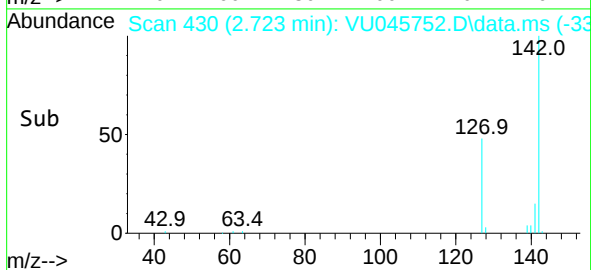
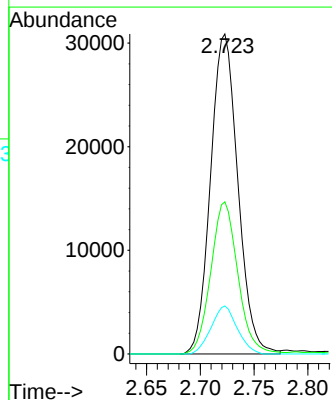
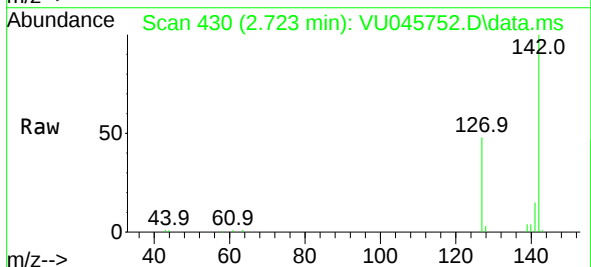
Manual Integrations
APPROVED

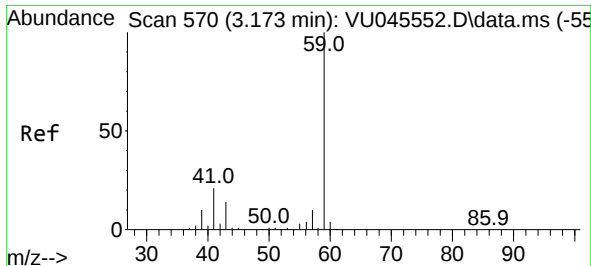
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#10
Methyl Iodide
Concen: 39.135 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

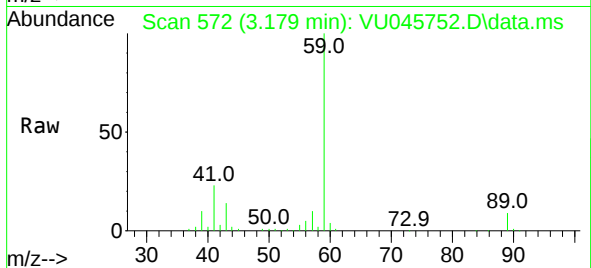
Tgt Ion:142 Resp: 54551
Ion Ratio Lower Upper
142 100
127 47.2 32.2 48.2
141 14.3 11.3 16.9





#11
Tert butyl alcohol
Concen: 310.960 ug/l
RT: 3.179 min Scan# 51
Delta R.T. 0.007 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

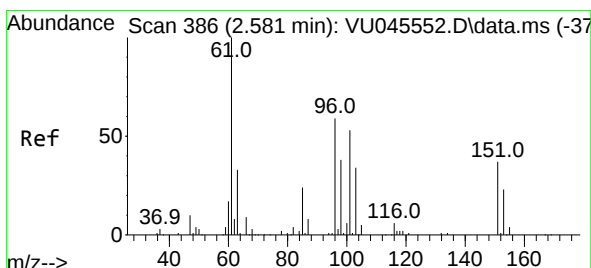
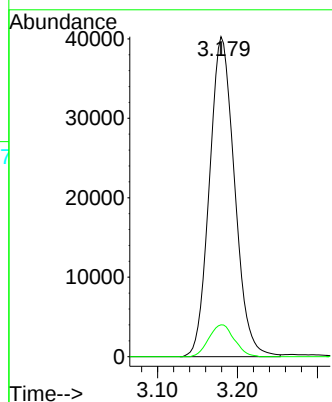
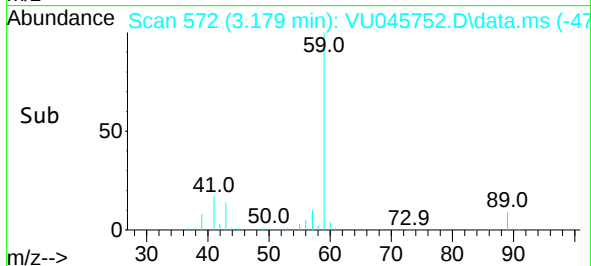
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MS



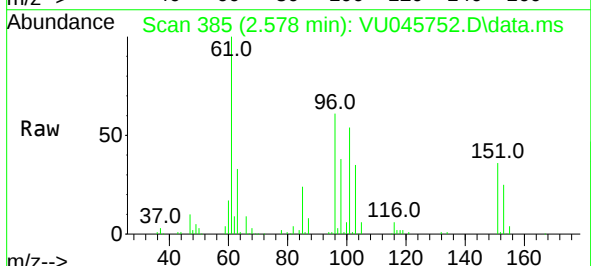
Tgt Ion: 59 Resp: 8799
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

Manual Integrations
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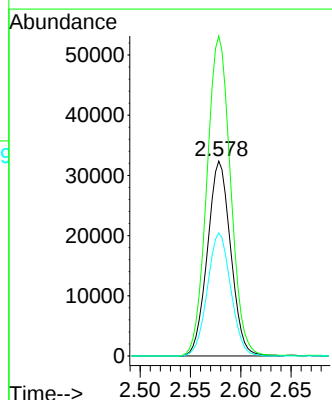
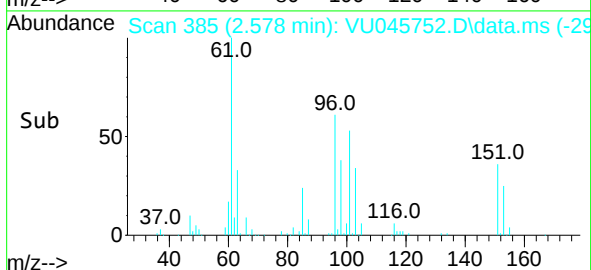
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

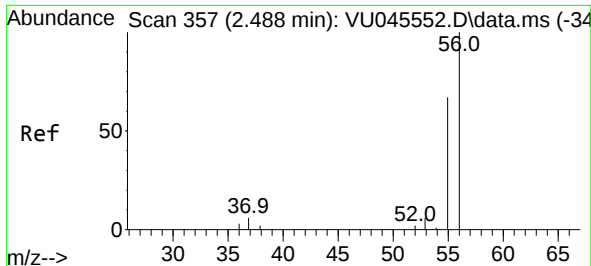


#12
1,1-Dichloroethene
Concen: 49.572 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28



Tgt Ion: 96 Resp: 52061
Ion Ratio Lower Upper
96 100
61 164.2 137.1 205.7
98 63.1 51.5 77.3





#13

Acrolein

Concen: 296.547 ug/l

RT: 2.485 min Scan# 356

Delta R.T. -0.003 min

Lab File: VU045752.D

Acq: 11 Nov 2021 20:28

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MS

Tgt Ion: 56 Resp: 12160

Ion Ratio Lower Upper

56 100

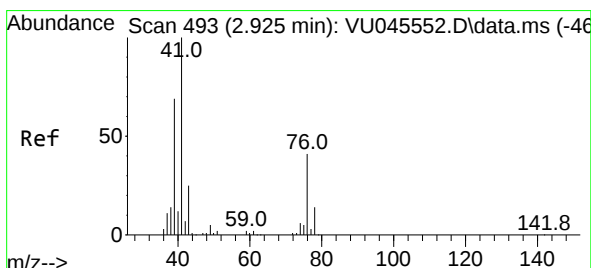
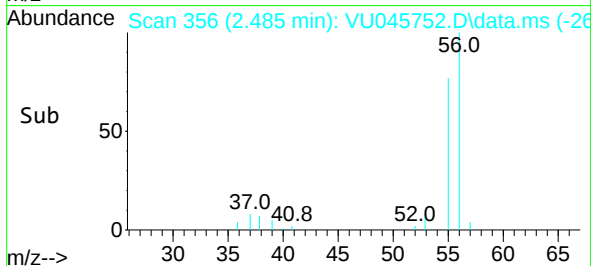
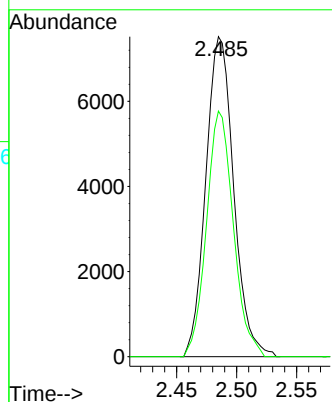
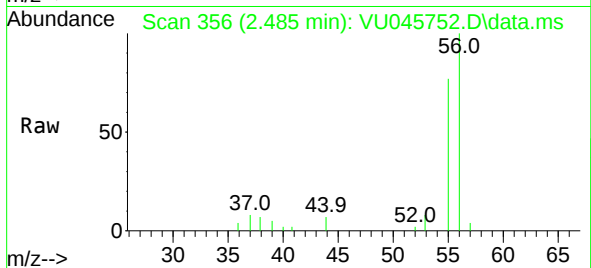
55 73.8 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#14

Allyl chloride

Concen: 51.179 ug/l

RT: 2.922 min Scan# 492

Delta R.T. -0.003 min

Lab File: VU045752.D

Acq: 11 Nov 2021 20:28

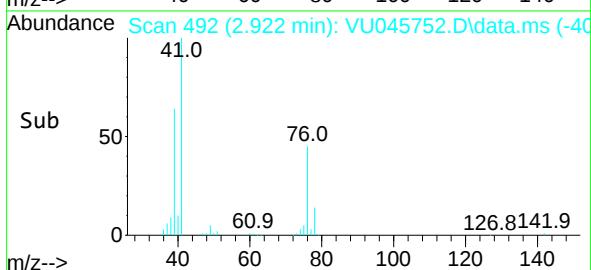
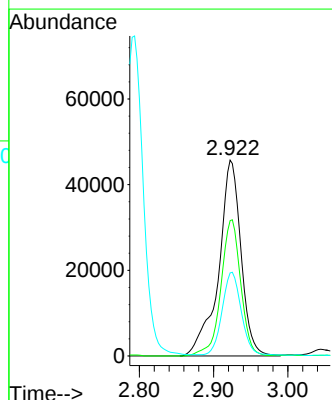
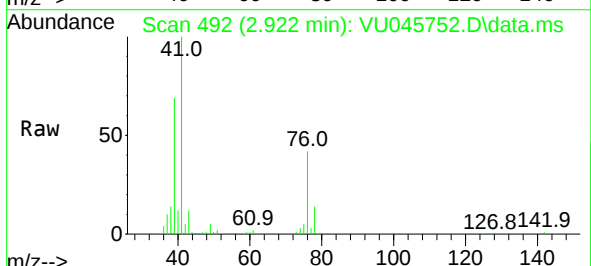
Tgt Ion: 41 Resp: 95973

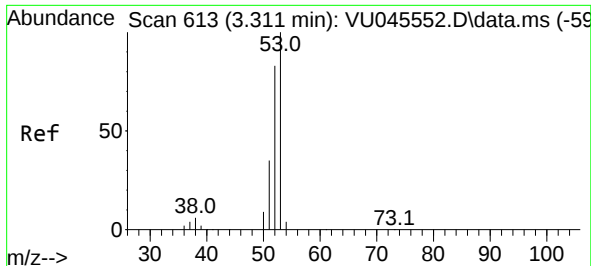
Ion Ratio Lower Upper

41 100

39 61.6 49.7 74.5

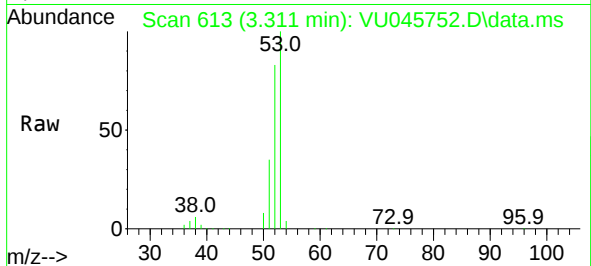
76 36.4 27.7 41.5





#15
Acrylonitrile
Concen: 286.541 ug/l
RT: 3.311 min Scan# 613
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

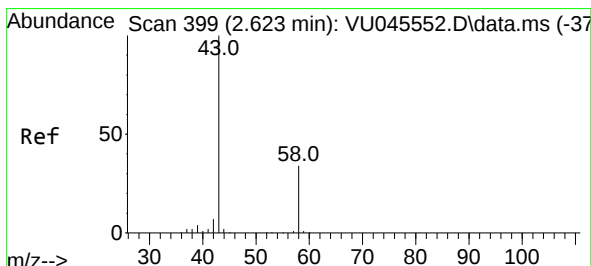
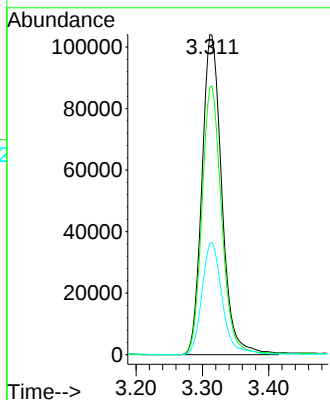
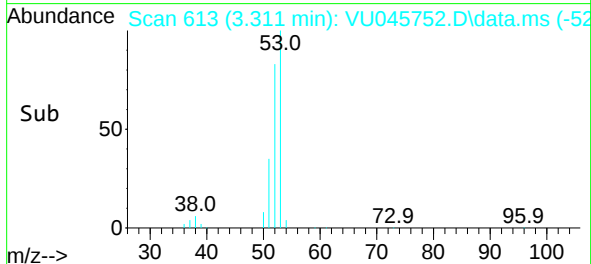
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MS



Tgt Ion: 53 Resp: 216478
Ion Ratio Lower Upper
53 100
52 83.3 66.6 100.0
51 35.9 28.4 42.6

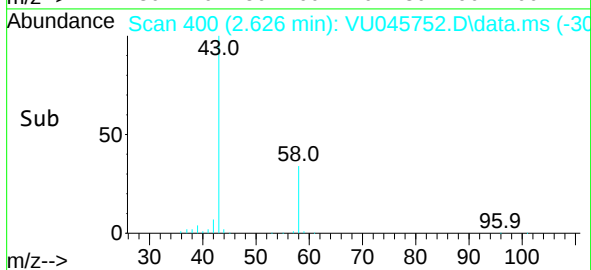
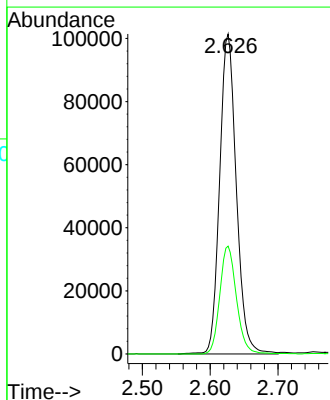
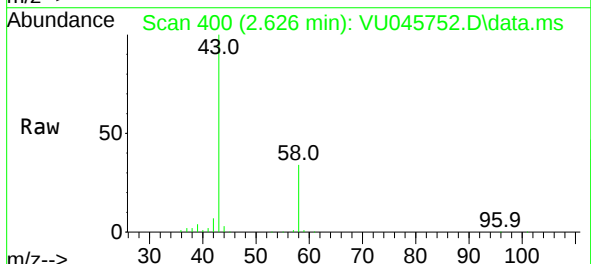
Manual Integrations
APPROVED

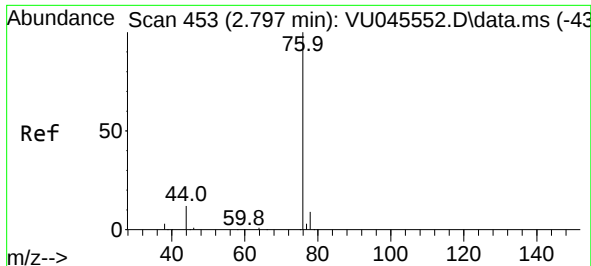
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#16
Acetone
Concen: 237.980 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

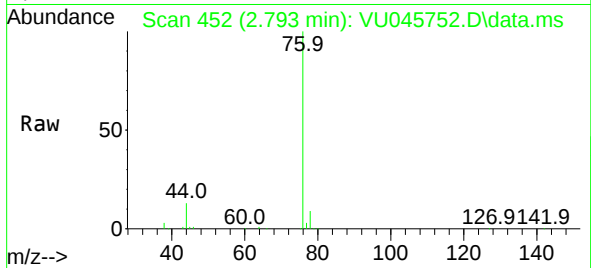
Tgt Ion: 43 Resp: 173188
Ion Ratio Lower Upper
43 100
58 33.7 26.2 39.2





#17
Carbon Disulfide
Concen: 44.716 ug/l
RT: 2.793 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

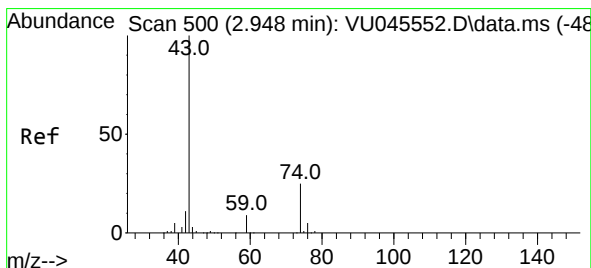
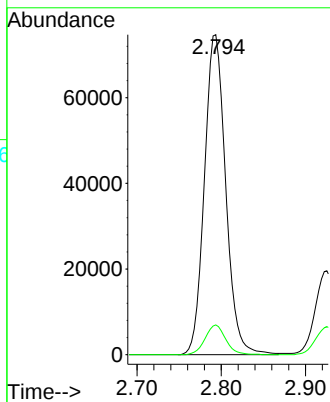
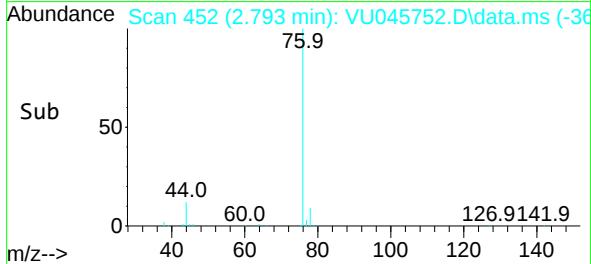
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MS



Tgt Ion: 76 Resp: 131538
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

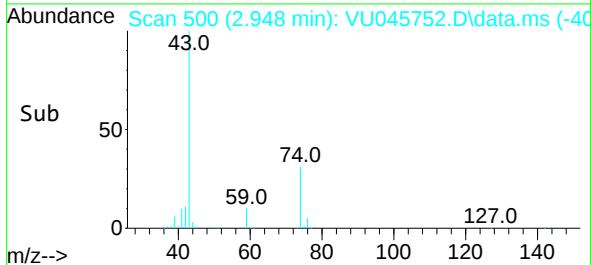
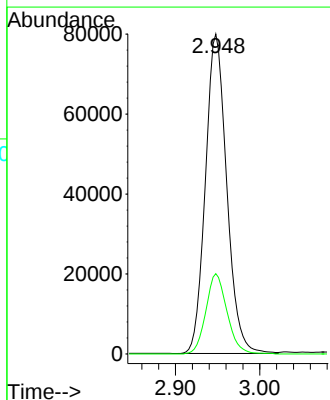
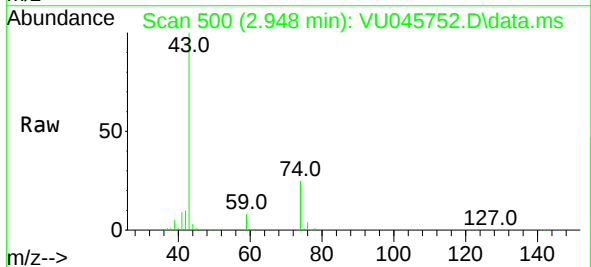
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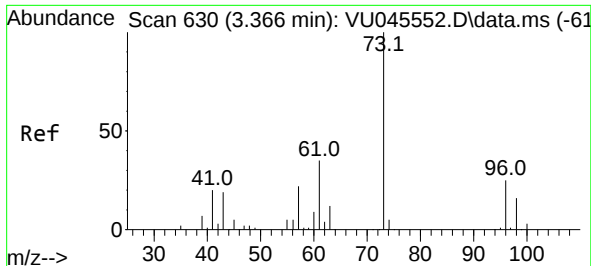
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#18
Methyl Acetate
Concen: 56.786 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

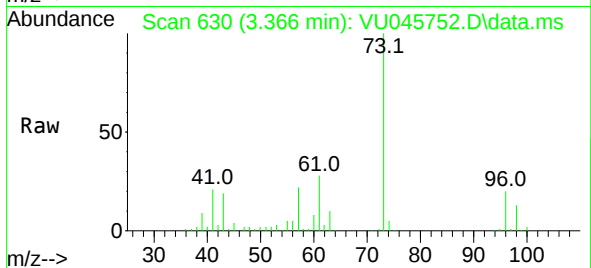
Tgt Ion: 43 Resp: 140756
Ion Ratio Lower Upper
43 100
74 24.9 20.2 30.2





#19
Methyl tert-butyl Ether
Concen: 54.298 ug/l
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

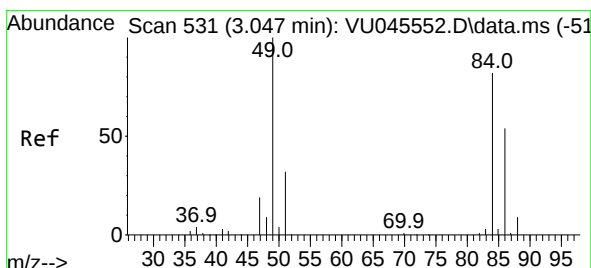
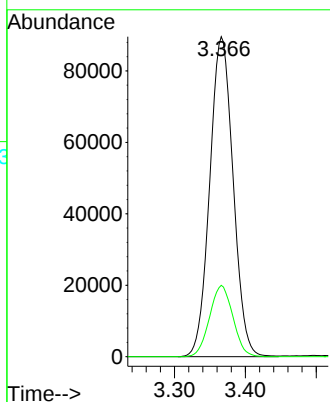
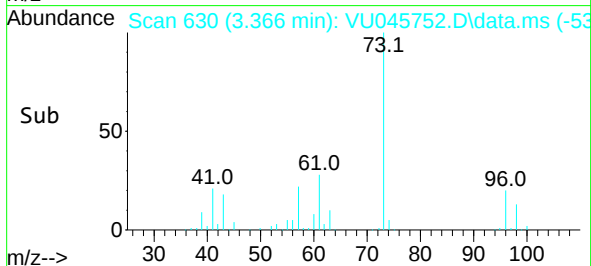
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MS



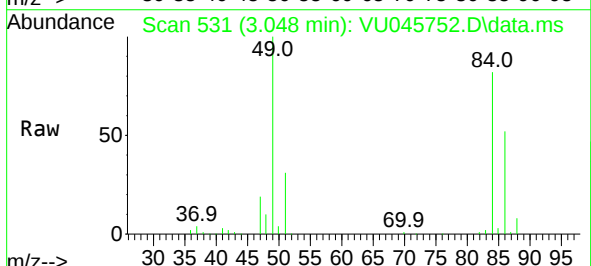
Tgt Ion: 73 Resp: 20526
Ion Ratio Lower Upper
73 100
57 22.3 18.1 27.1

Manual Integrations
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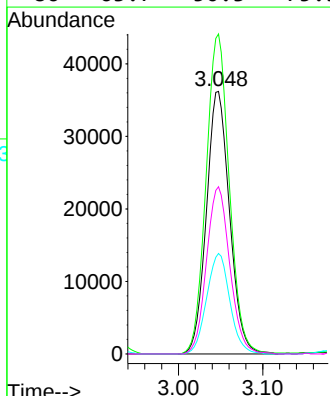
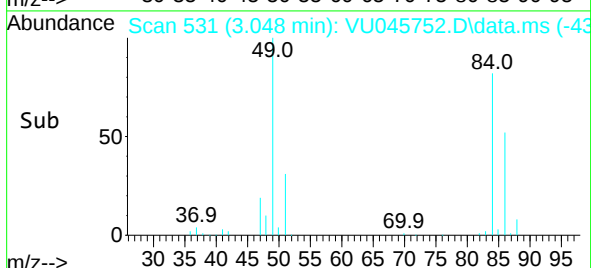
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

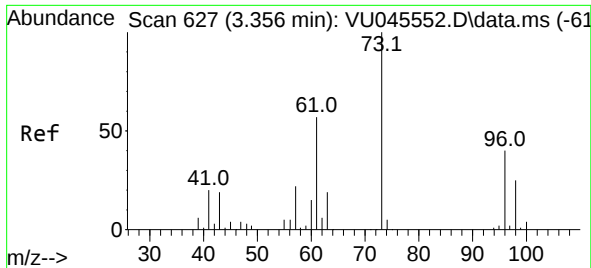


#20
Methylene Chloride
Concen: 54.813 ug/l
RT: 3.048 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28



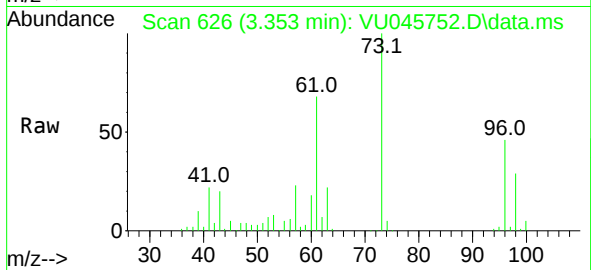
Tgt Ion: 84 Resp: 69312
Ion Ratio Lower Upper
84 100
49 121.8 96.4 144.6
51 38.3 30.5 45.7
86 63.7 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 51.617 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

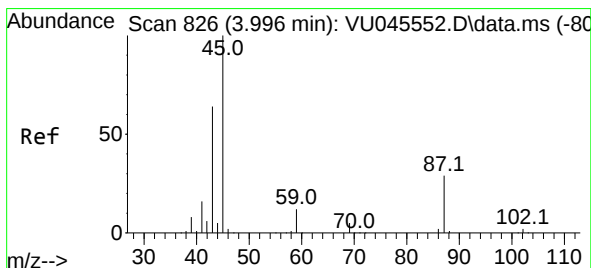
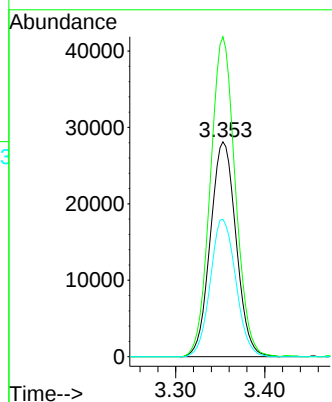
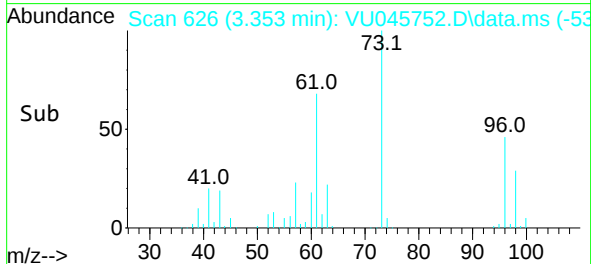
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MS



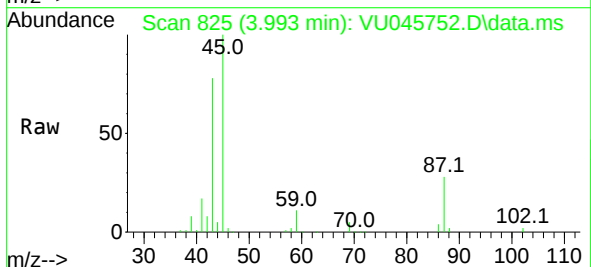
Tgt Ion: 96 Resp: 56390
Ion Ratio Lower Upper
96 100
61 148.9 118.2 177.4
98 63.9 52.1 78.1

Manual Integrations
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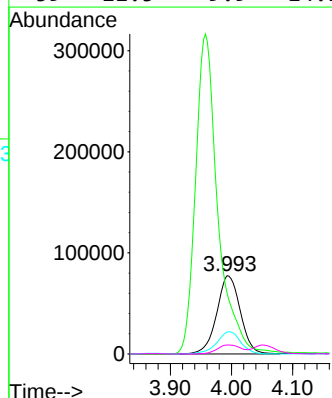
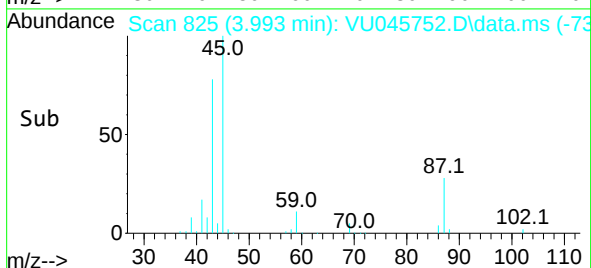
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

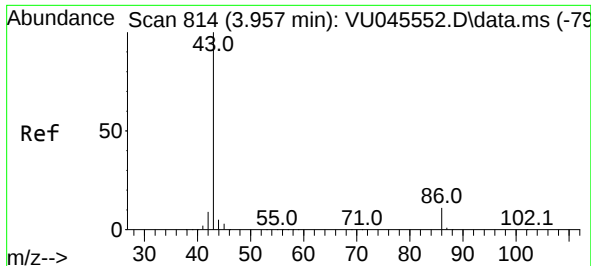


#22
Diisopropyl ether
Concen: 56.283 ug/l
RT: 3.993 min Scan# 825
Delta R.T. -0.003 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28



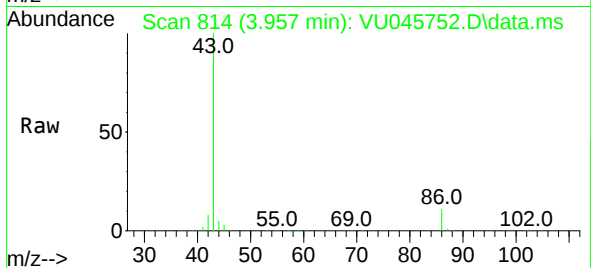
Tgt Ion: 45 Resp: 207239
Ion Ratio Lower Upper
45 100
43 75.1 60.0 90.0
87 28.1 22.3 33.5
59 11.5 9.9 14.9





#23
 Vinyl Acetate
 Concen: 283.235 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU045752.D
 Acq: 11 Nov 2021 20:28

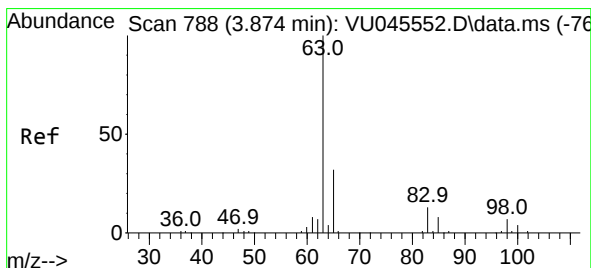
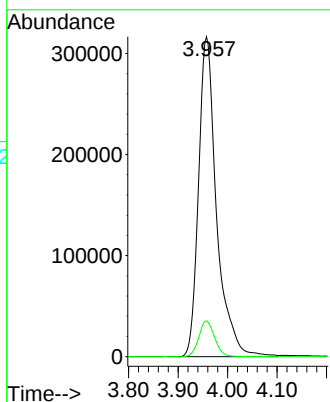
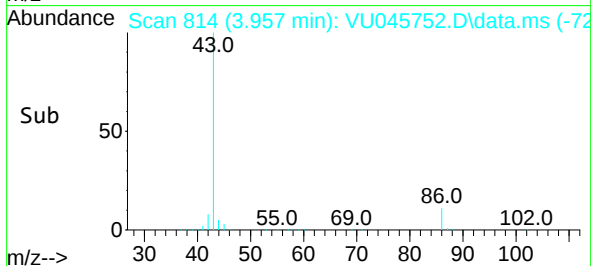
Instrument :
 MSVOA_U
 ClientSampleId :
 56BR-20211108MS



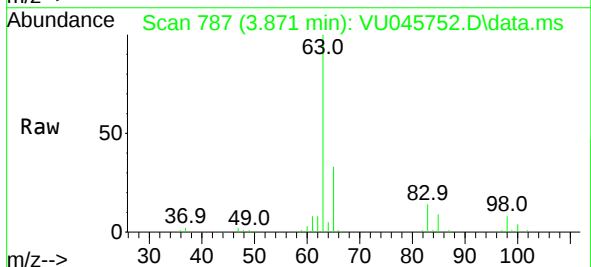
Tgt Ion: 43 Resp: 80209
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.9 13.3

Manual Integrations
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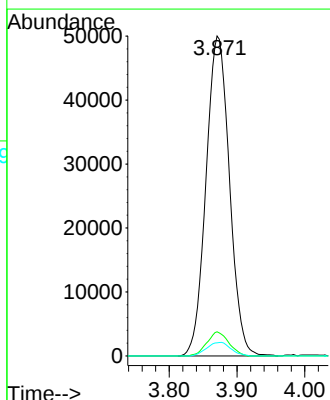
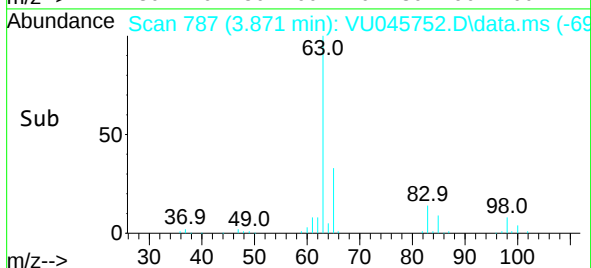
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

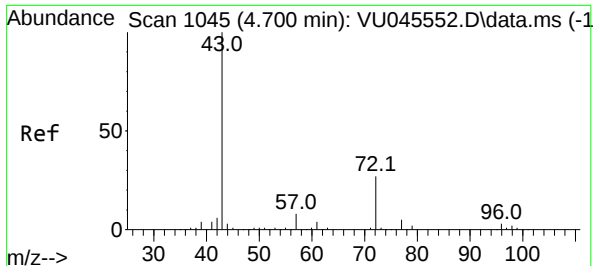


#24
 1,1-Dichloroethane
 Concen: 54.727 ug/l
 RT: 3.871 min Scan# 787
 Delta R.T. -0.003 min
 Lab File: VU045752.D
 Acq: 11 Nov 2021 20:28



Tgt Ion: 63 Resp: 120081
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.6
 100 4.1 2.4 7.2





#25

2-Butanone

Concen: 280.997 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU045752.D

Acq: 11 Nov 2021 20:28

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MS

Tgt Ion: 43 Resp: 283624

Ion Ratio Lower Upper

43 100

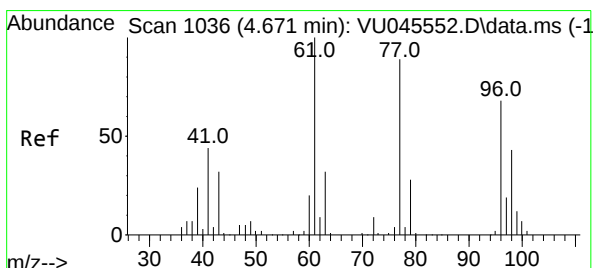
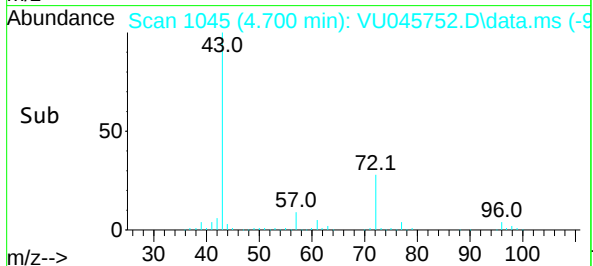
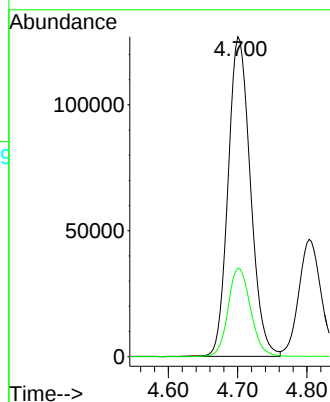
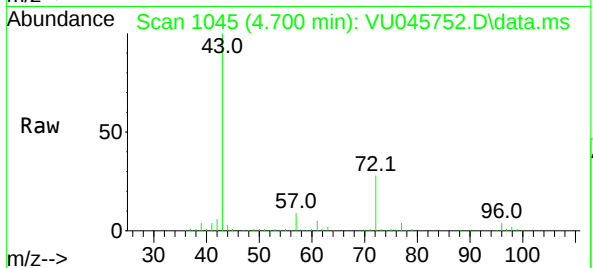
72 27.6 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#26

2,2-Dichloropropane

Concen: 46.342 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045752.D

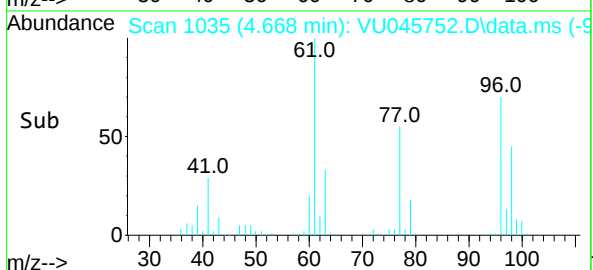
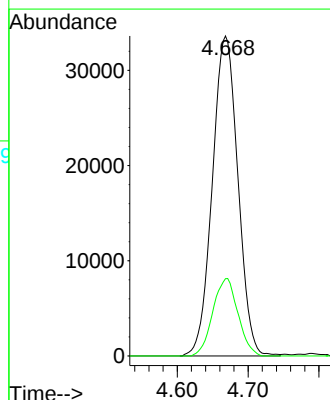
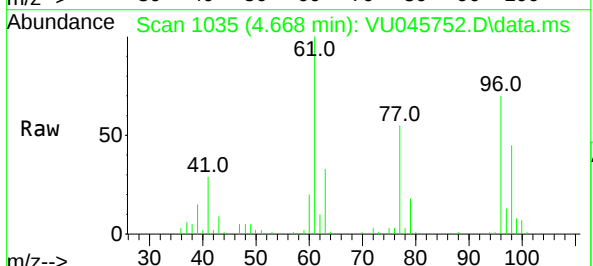
Acq: 11 Nov 2021 20:28

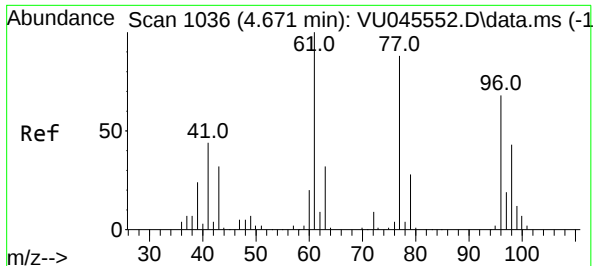
Tgt Ion: 77 Resp: 84259

Ion Ratio Lower Upper

77 100

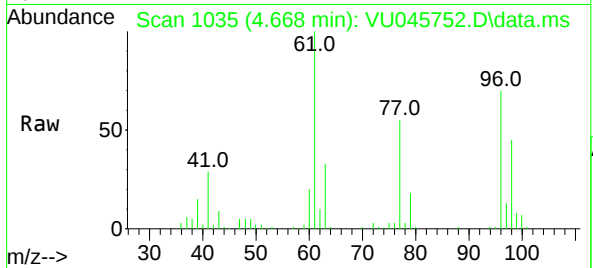
97 23.8 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 73.337 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU045752.D
 Acq: 11 Nov 2021 20:28

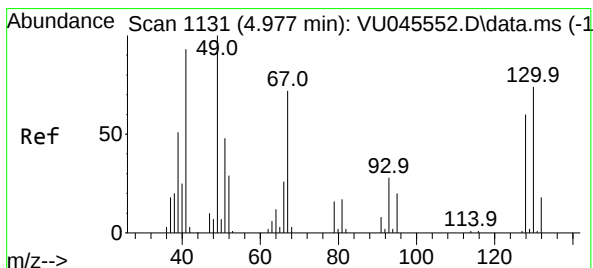
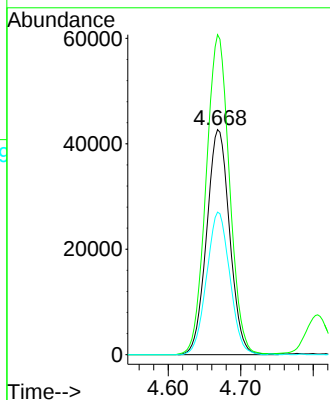
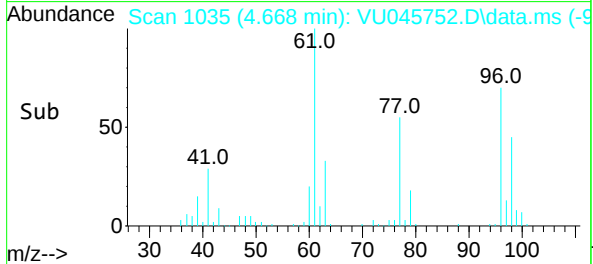
Instrument :
 MSVOA_U
 ClientSampleId :
 56BR-20211108MS



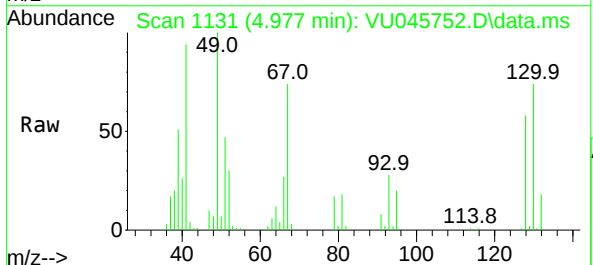
Tgt Ion: 96 Resp: 9411
 Ion Ratio Lower Upper
 96 100
 61 144.2 0.0 299.2
 98 63.8 0.0 127.6

Manual Integrations
 APPROVED

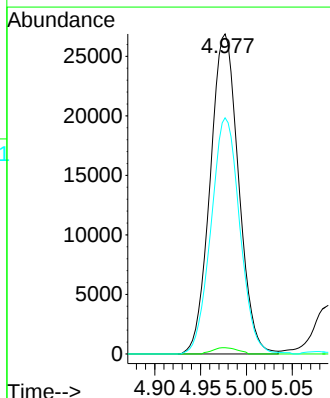
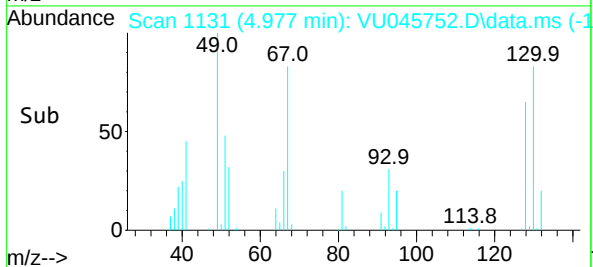
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

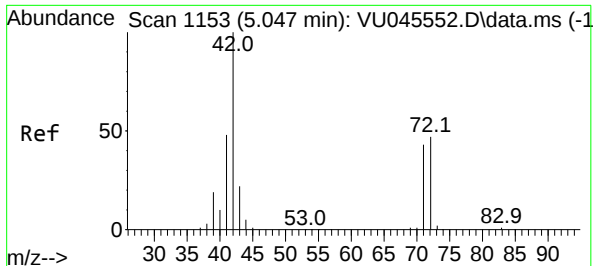


#28
 Bromochloromethane
 Concen: 55.349 ug/l
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU045752.D
 Acq: 11 Nov 2021 20:28



Tgt Ion: 49 Resp: 57898
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 74.8 57.5 86.3





#29

Tetrahydrofuran

Concen: 290.398 ug/l

RT: 5.051 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VU045752.D

Acq: 11 Nov 2021 20:28

Instrument :

MSVOA_U

ClientSampleId :

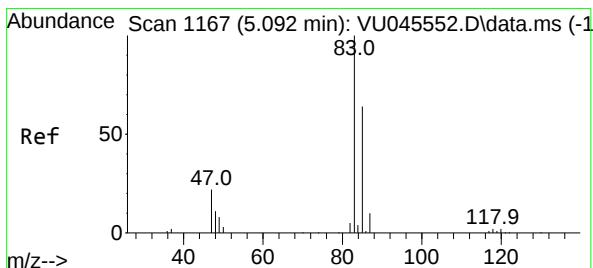
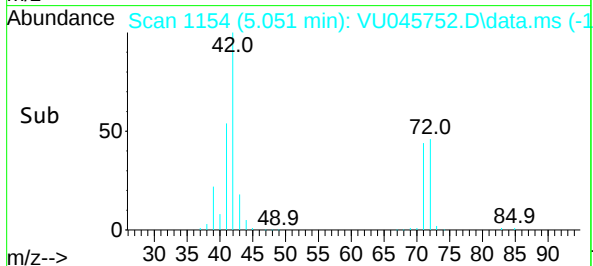
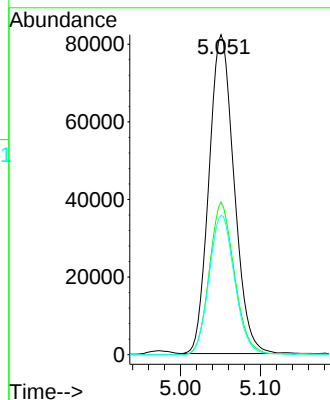
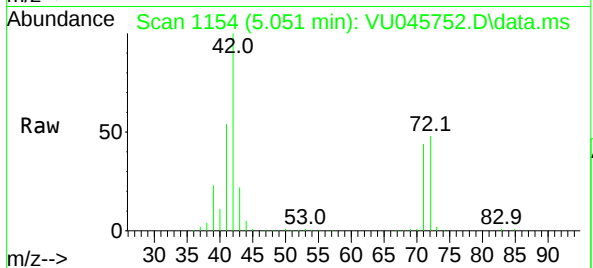
56BR-20211108MS

Tgt Ion:	42	Resp:	17929
Ion Ratio	Lower	Upper	
42	100		
72	47.7	38.2	57.4
71	44.7	35.4	53.2

Manual Integrations

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Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#30

Chloroform

Concen: 54.855 ug/l

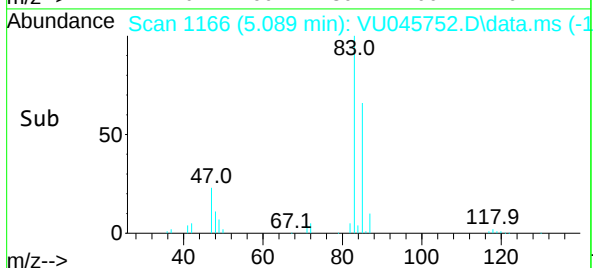
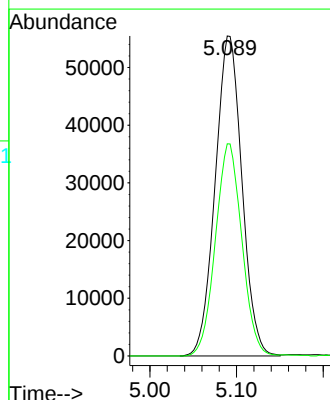
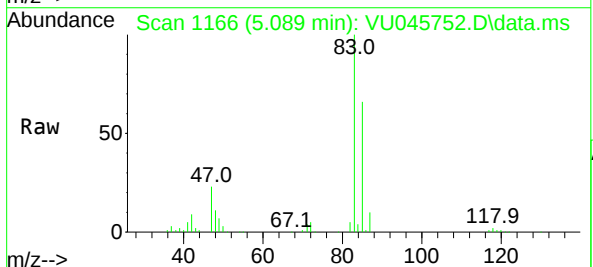
RT: 5.089 min Scan# 1166

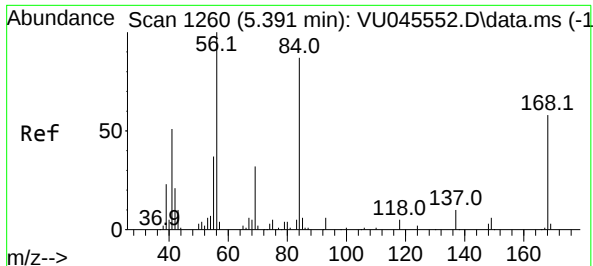
Delta R.T. -0.003 min

Lab File: VU045752.D

Acq: 11 Nov 2021 20:28

Tgt Ion:	83	Resp:	119037
Ion Ratio	Lower	Upper	
83	100		
85	66.3	52.0	78.0





#31

Cyclohexane

Concen: 46.755 ug/l

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU045752.D

Acq: 11 Nov 2021 20:28

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MS

Tgt Ion: 56 Resp: 97529

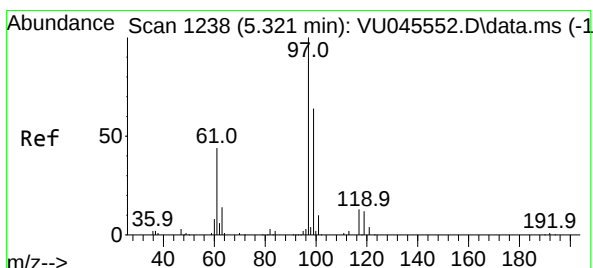
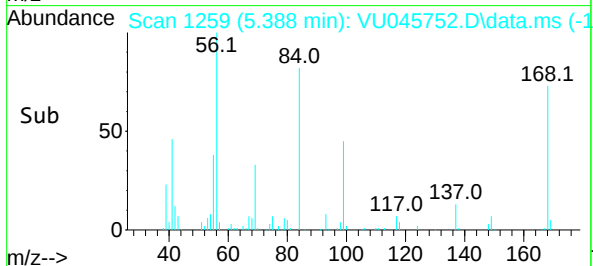
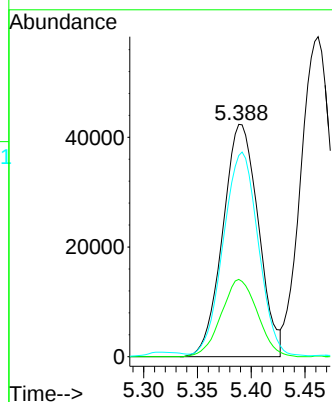
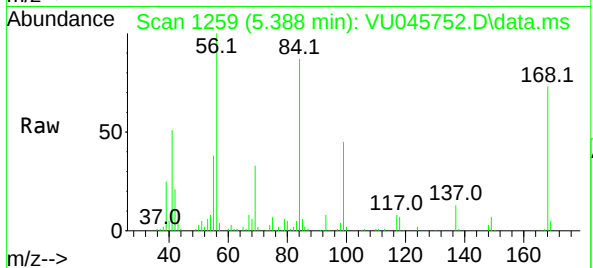
Ion	Ratio	Lower	Upper
56	100		
69	33.3	26.4	39.6
84	85.1	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#32

1,1,1-Trichloroethane

Concen: 54.503 ug/l

RT: 5.318 min Scan# 1237

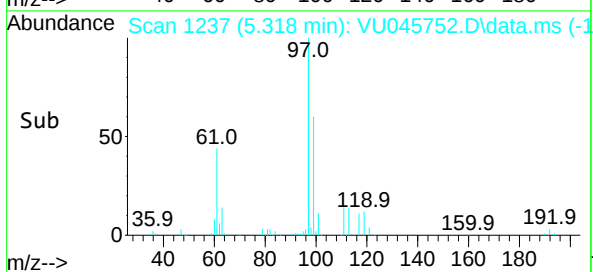
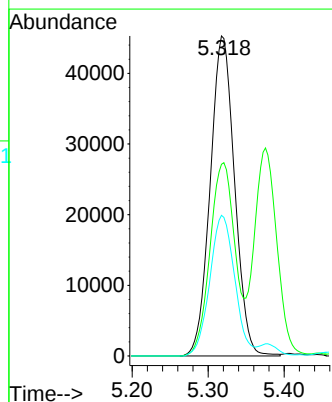
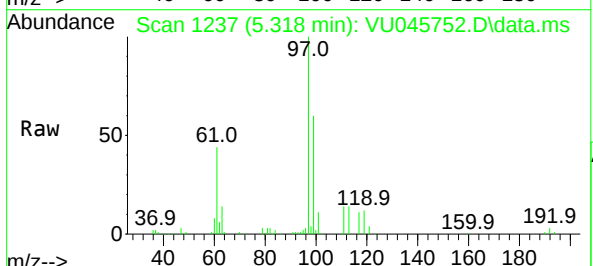
Delta R.T. -0.003 min

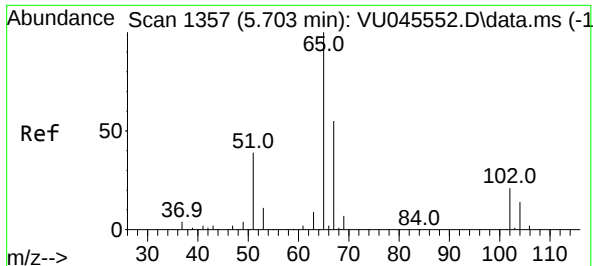
Lab File: VU045752.D

Acq: 11 Nov 2021 20:28

Tgt Ion: 97 Resp: 100860

Ion	Ratio	Lower	Upper
97	100		
99	61.4	50.8	76.2
61	45.0	38.3	57.5





#33

1,2-Dichloroethane-d4

Concen: 63.566 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045752.D

Acq: 11 Nov 2021 20:28

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MS

Tgt Ion: 65 Resp: 90879

Ion Ratio Lower Upper

65 100

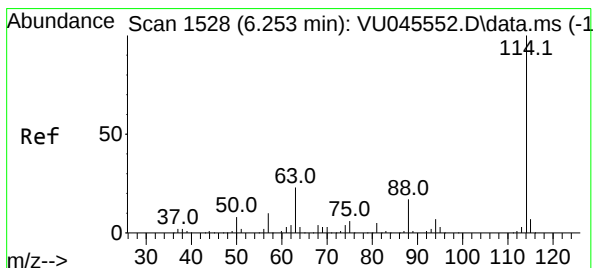
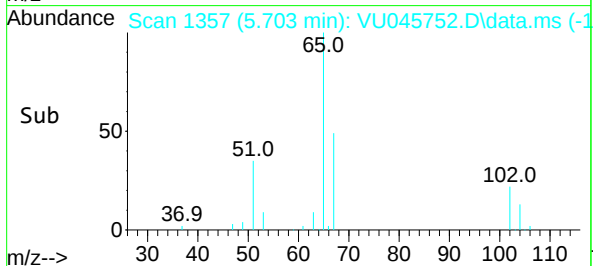
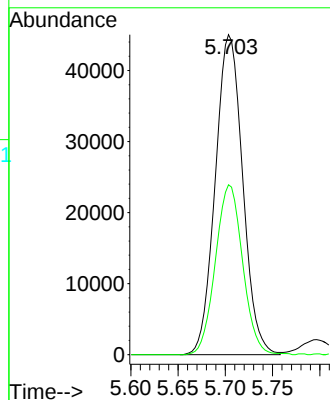
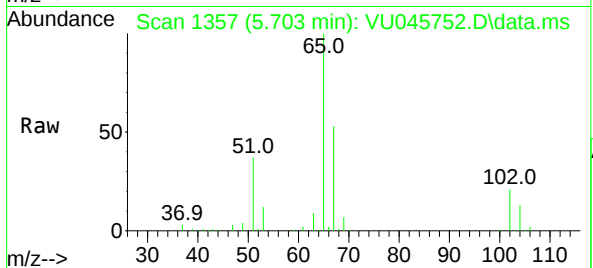
67 52.7 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU045752.D

Acq: 11 Nov 2021 20:28

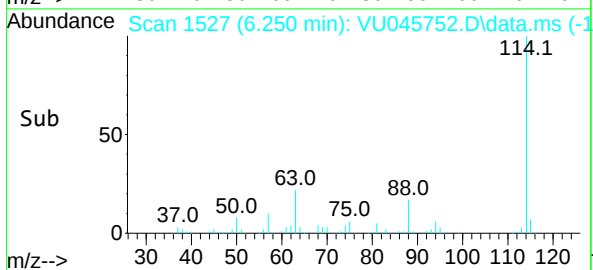
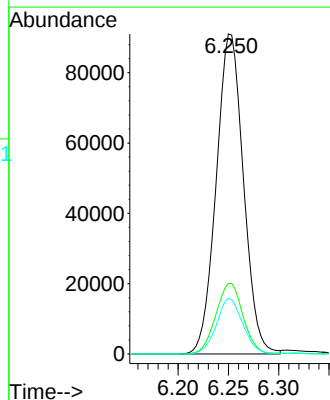
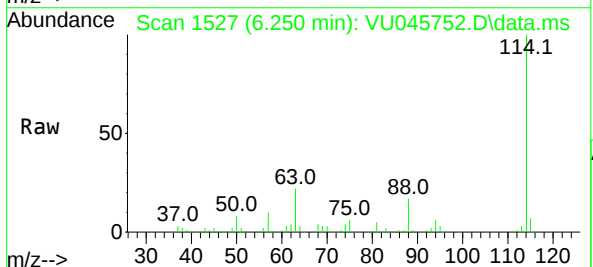
Tgt Ion:114 Resp: 171309

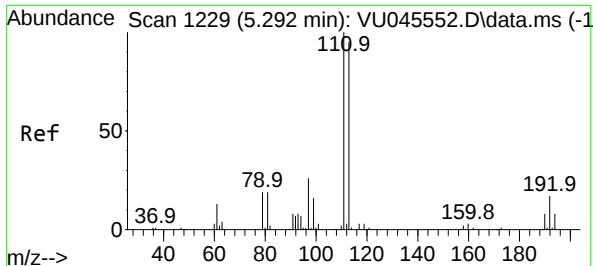
Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.6

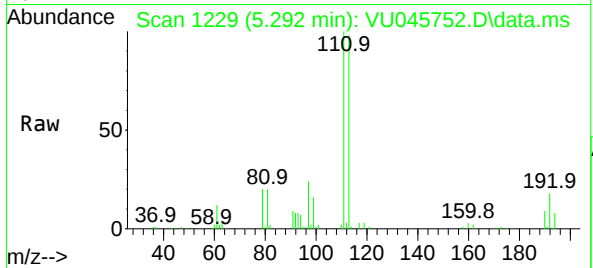
88 17.3 0.0 33.8





#35
Dibromofluoromethane
Concen: 61.730 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

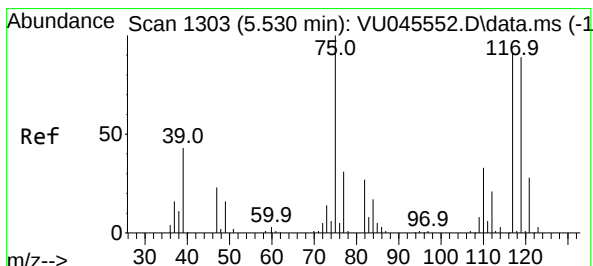
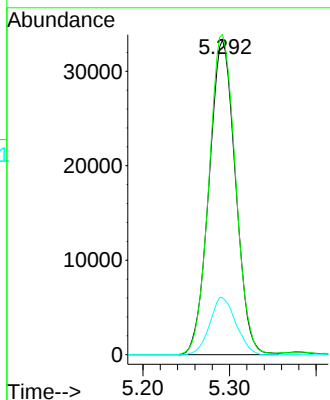
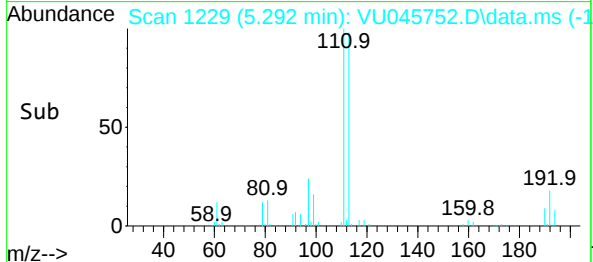
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MS



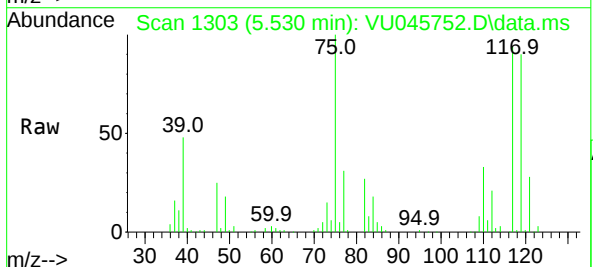
Tgt Ion:113 Resp: 7060
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 18.0 14.8 22.2

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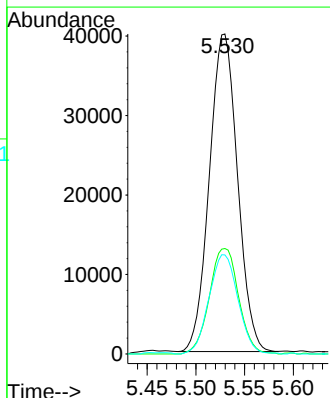
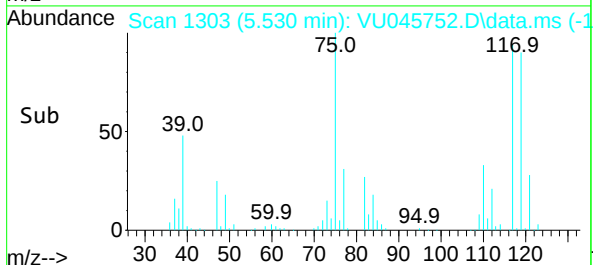
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

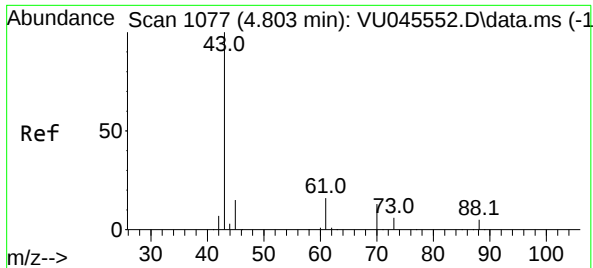


#36
1,1-Dichloropropene
Concen: 48.093 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28



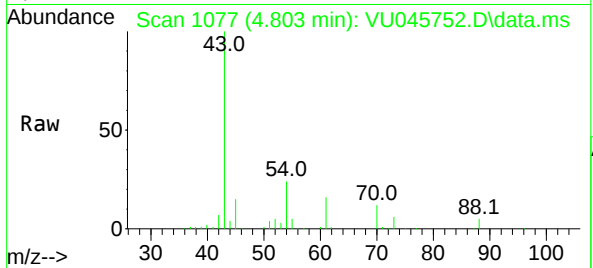
Tgt Ion: 75 Resp: 80334
Ion Ratio Lower Upper
75 100
110 34.4 16.7 50.0
77 32.2 25.0 37.4





#37
Ethyl Acetate
Concen: 55.090 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

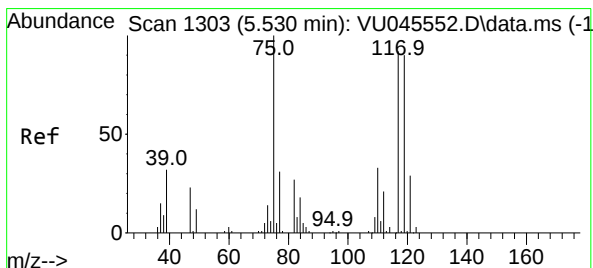
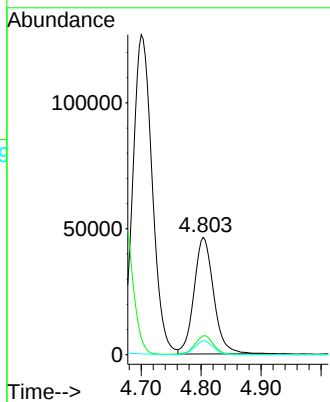
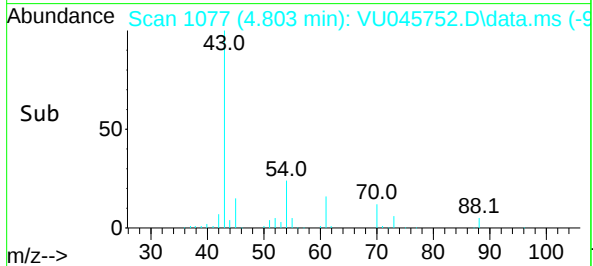
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MS



Tgt Ion: 43 Resp: 105700
Ion Ratio Lower Upper
43 100
61 16.2 11.6 17.4
70 11.3 9.1 13.7

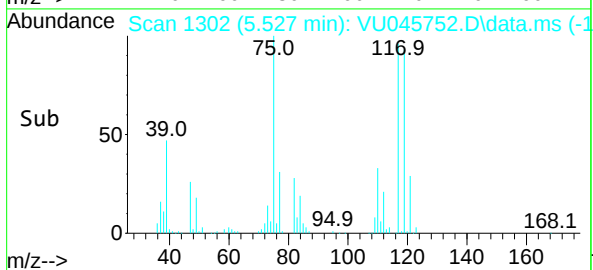
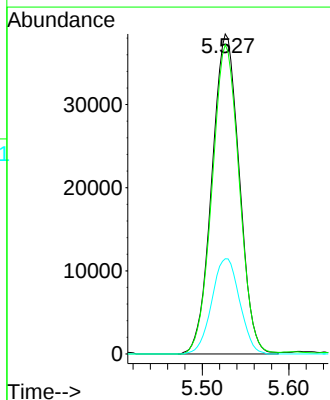
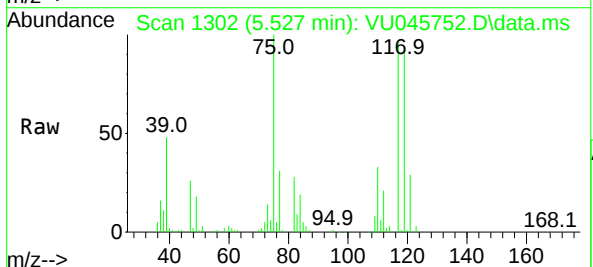
Manual Integrations
APPROVED

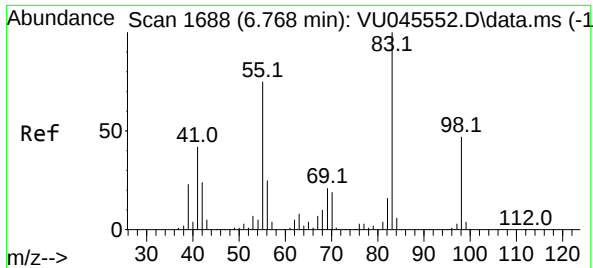
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#38
Carbon Tetrachloride
Concen: 50.243 ug/l
RT: 5.527 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

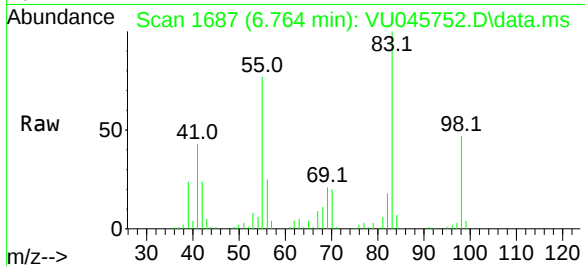
Tgt Ion:117 Resp: 84611
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.0
121 29.7 24.8 37.2





#39
Methylcyclohexane
Concen: 46.431 ug/l
RT: 6.764 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

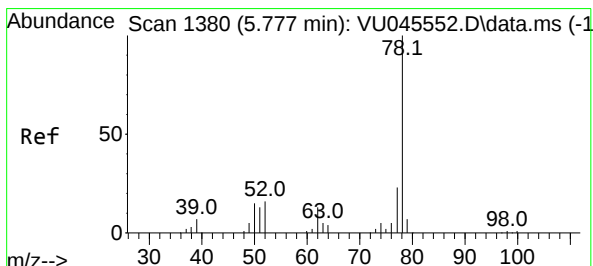
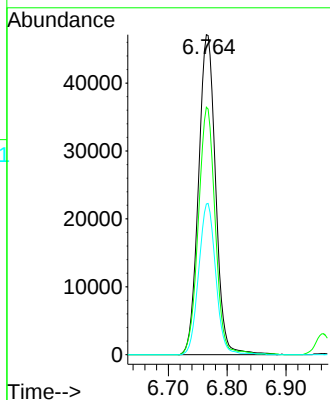
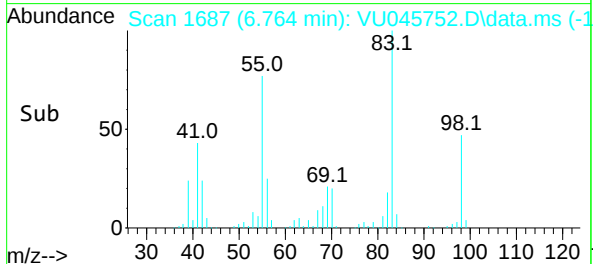
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MS



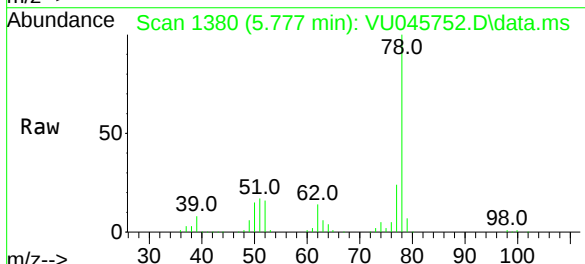
Tgt Ion: 83 Resp: 95149
Ion Ratio Lower Upper
83 100
55 77.4 63.6 95.4
98 47.1 37.1 55.7

Manual Integrations
APPROVED

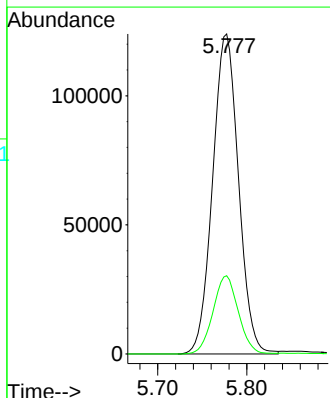
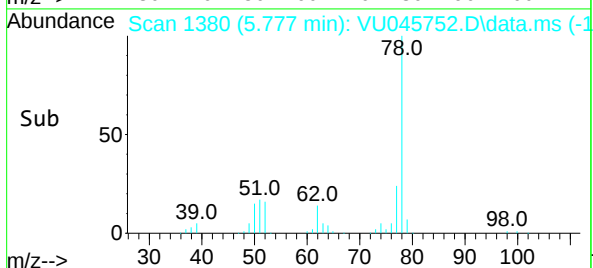
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

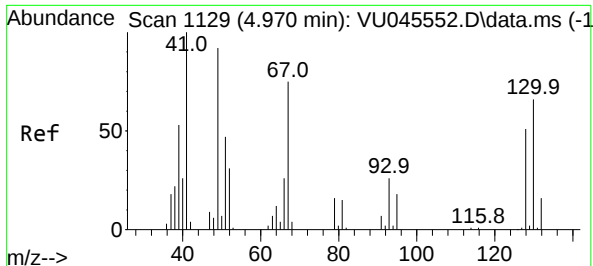


#40
Benzene
Concen: 50.559 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28



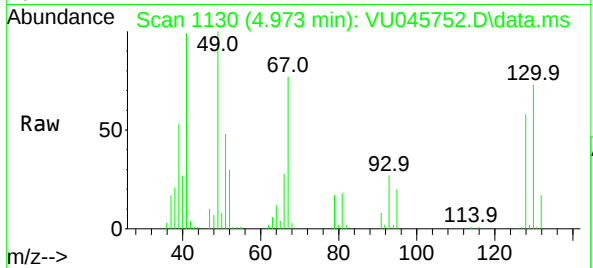
Tgt Ion: 78 Resp: 250035
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.4





#41
Methacrylonitrile
Concen: 56.036 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

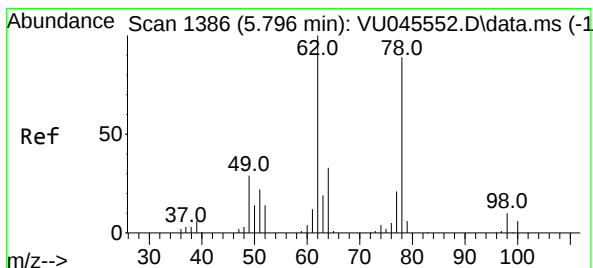
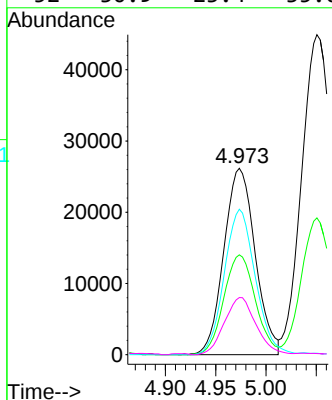
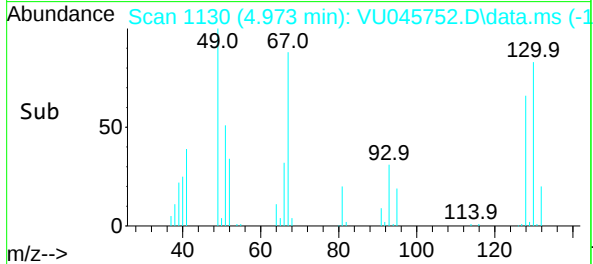
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MS



Tgt Ion: 41 Resp: 5682
Ion Ratio Lower Upper
41 100
39 54.0 43.4 65.0
67 77.1 61.0 91.4
52 30.9 23.4 35.0

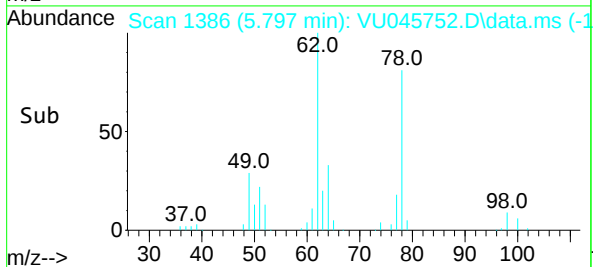
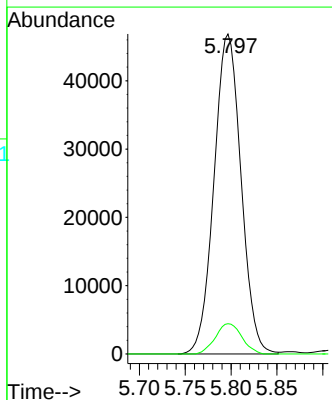
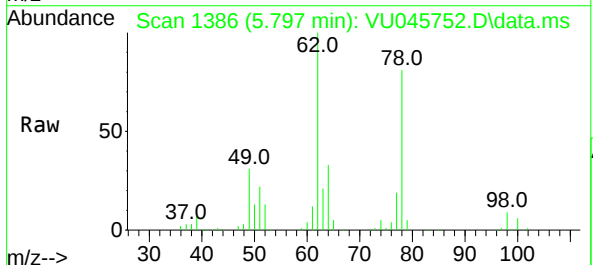
Manual Integrations
APPROVED

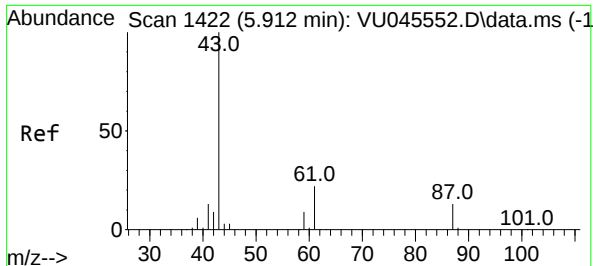
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#42
1,2-Dichloroethane
Concen: 53.729 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

Tgt Ion: 62 Resp: 95977
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.4





#43

Isopropyl Acetate

Concen: 53.725 ug/l

RT: 5.912 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VU045752.D

Acq: 11 Nov 2021 20:28

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MS

Tgt Ion: 43 Resp: 157670

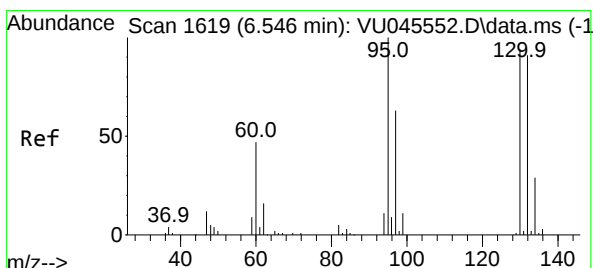
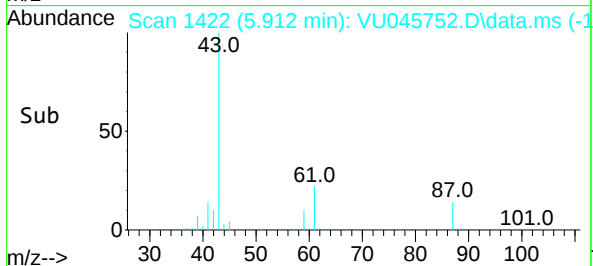
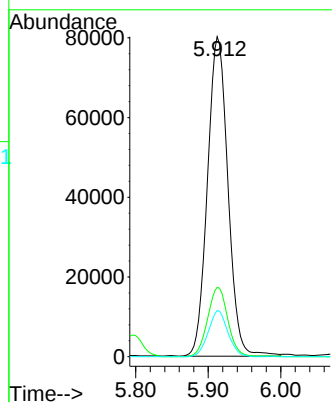
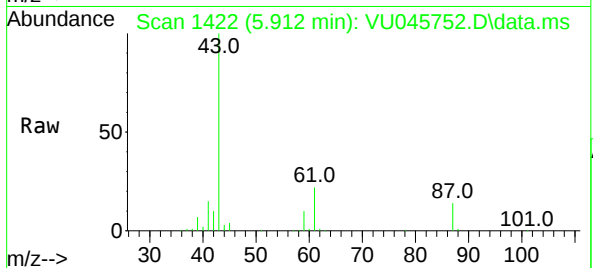
Ion	Ratio	Lower	Upper
43	100		
61	21.4	16.9	25.3
87	13.7	11.0	16.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#44

Trichloroethene

Concen: 165.029 ug/l

RT: 6.546 min Scan# 1619

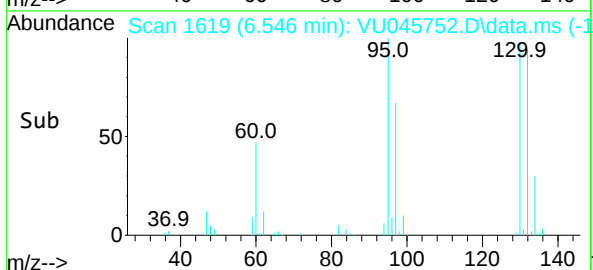
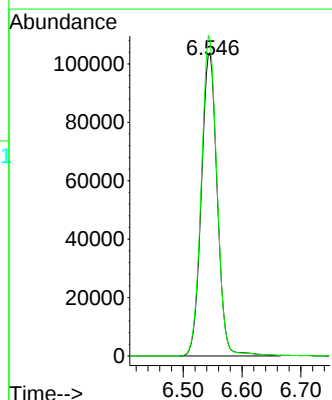
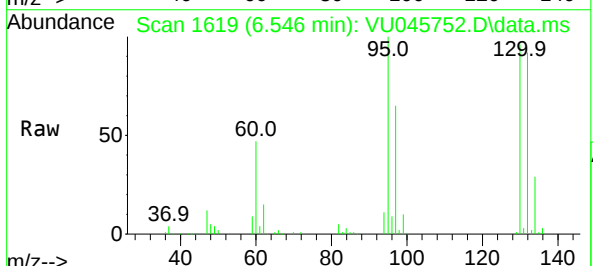
Delta R.T. 0.000 min

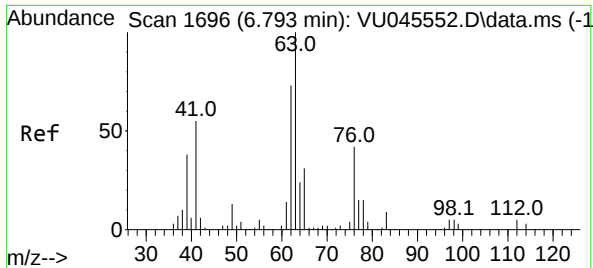
Lab File: VU045752.D

Acq: 11 Nov 2021 20:28

Tgt Ion:130 Resp: 195358

Ion	Ratio	Lower	Upper
130	100		
95	104.2	0.0	211.4





#45

1,2-Dichloropropane

Concen: 53.553 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045752.D

Acq: 11 Nov 2021 20:28

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MS

Tgt Ion: 63 Resp: 7007

Ion Ratio Lower Upper

63 100

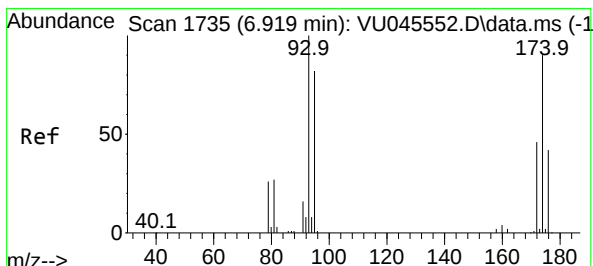
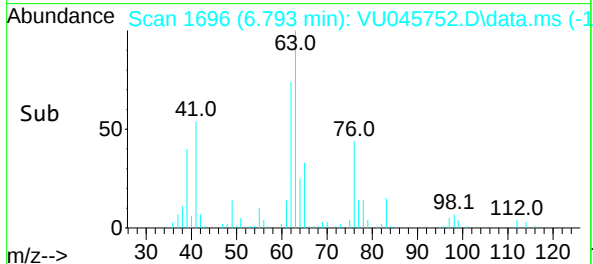
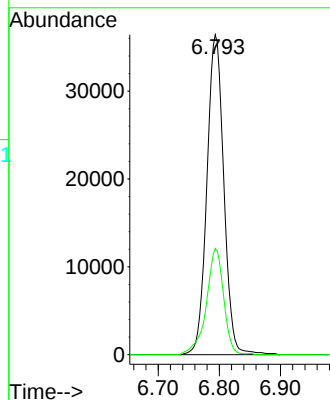
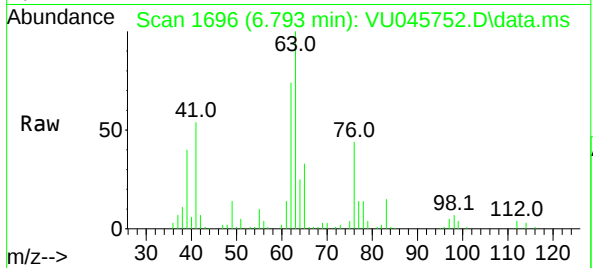
65 33.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#46

Dibromomethane

Concen: 53.465 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU045752.D

Acq: 11 Nov 2021 20:28

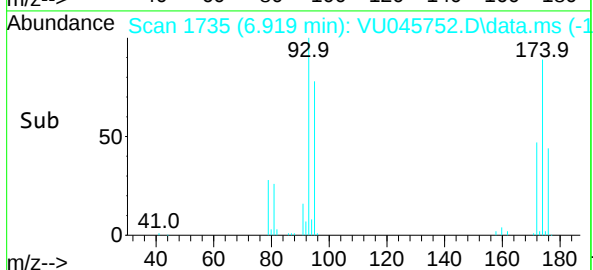
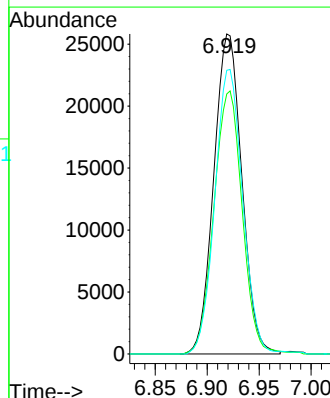
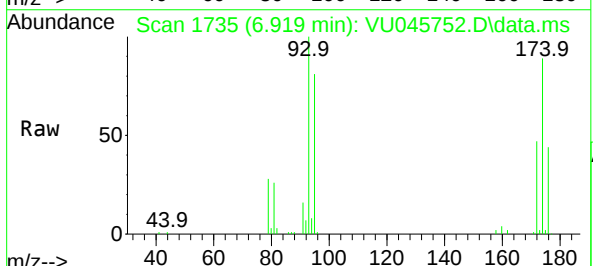
Tgt Ion: 93 Resp: 48476

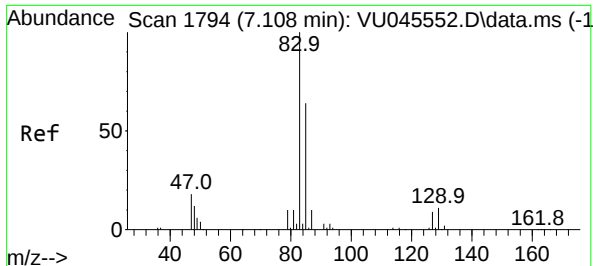
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.2

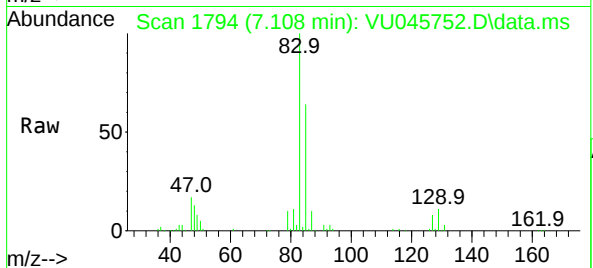
174 88.8 71.0 106.6





#47
Bromodichloromethane
Concen: 55.389 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

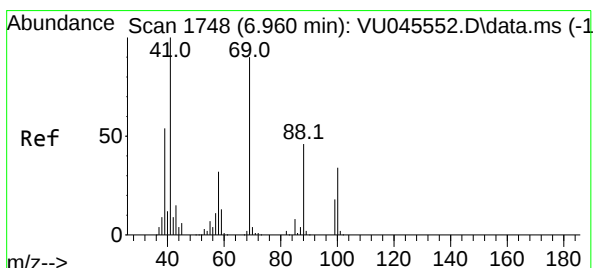
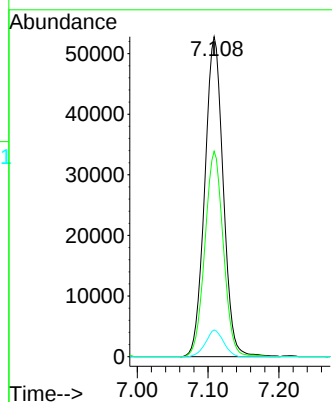
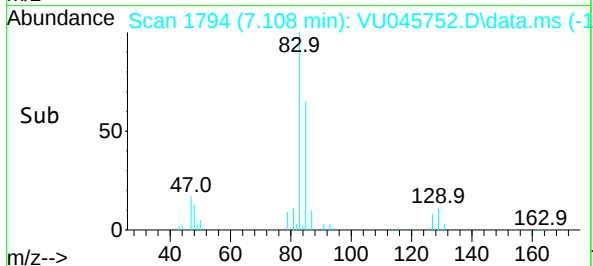
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MS



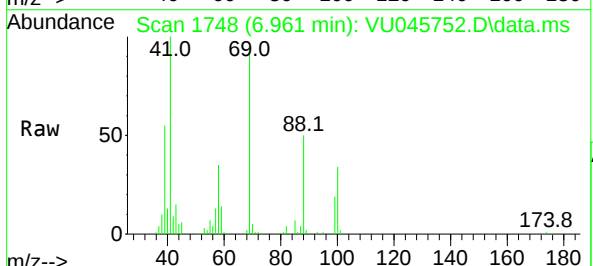
Tgt Ion: 83 Resp: 95289
Ion Ratio Lower Upper
83 100
85 64.2 49.8 74.6
127 8.4 6.2 9.2

Manual Integrations
APPROVED

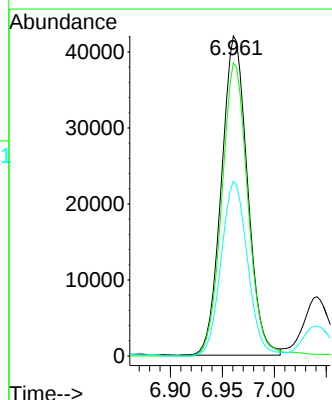
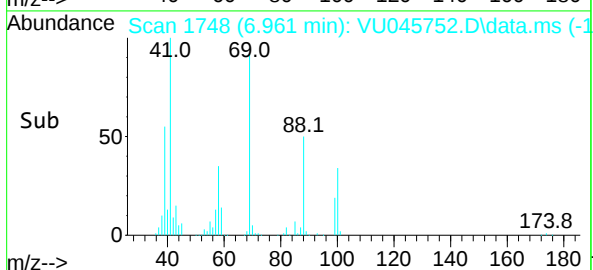
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

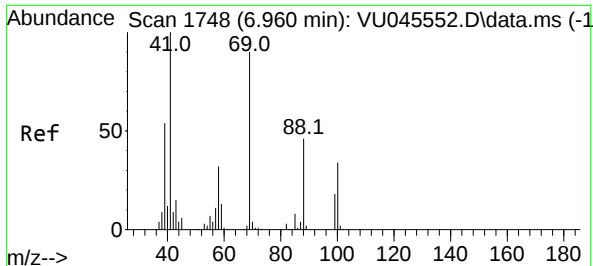


#48
Methyl methacrylate
Concen: 54.188 ug/l
RT: 6.961 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28



Tgt Ion: 41 Resp: 73199
Ion Ratio Lower Upper
41 100
69 92.4 70.2 105.2
39 55.6 43.9 65.9





#49

1,4-Dioxane

Concen: 1165.234 ug/l

RT: 6.964 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU045752.D

Acq: 11 Nov 2021 20:28

Instrument :

MSVOA_U

ClientSampleId :

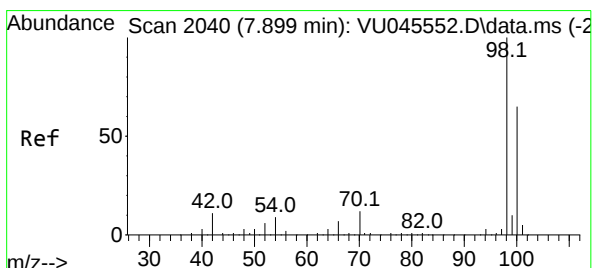
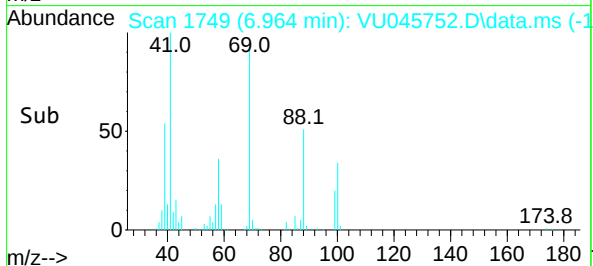
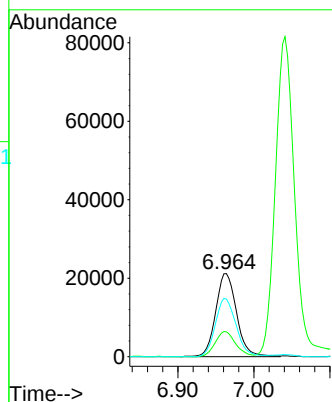
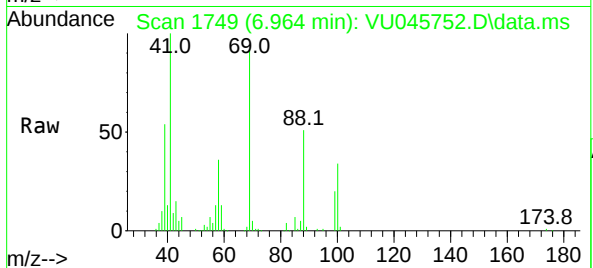
56BR-20211108MS

Tgt Ion: 88 Resp: 40479
 Ion Ratio Lower Upper
 88 100
 43 29.7 0.0 0.0
 58 69.8 58.7 88.1

Manual Integrations

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Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#50

Toluene-d8

Concen: 60.422 ug/l

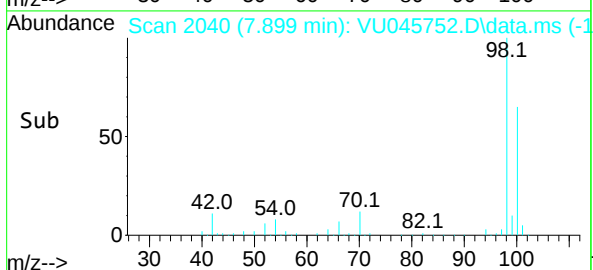
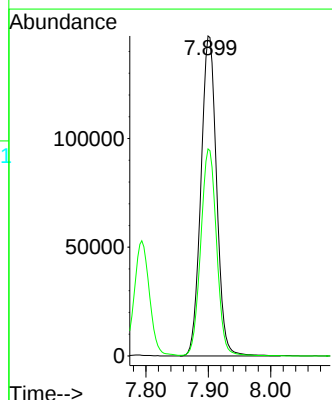
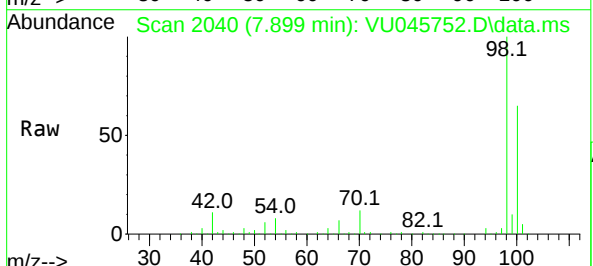
RT: 7.899 min Scan# 2040

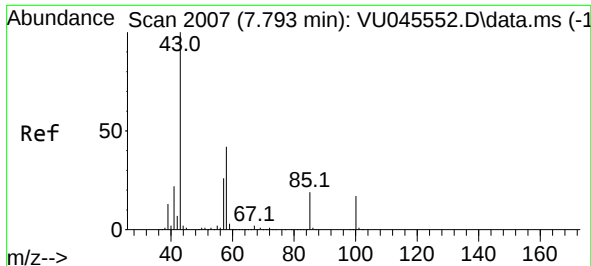
Delta R.T. 0.000 min

Lab File: VU045752.D

Acq: 11 Nov 2021 20:28

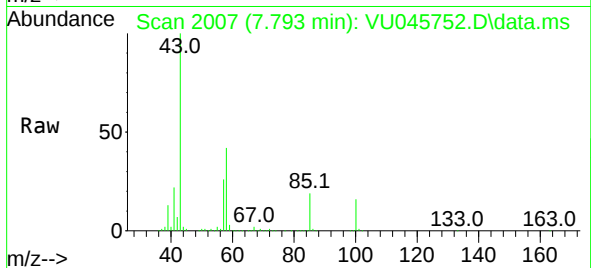
Tgt Ion: 98 Resp: 256975
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 285.743 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

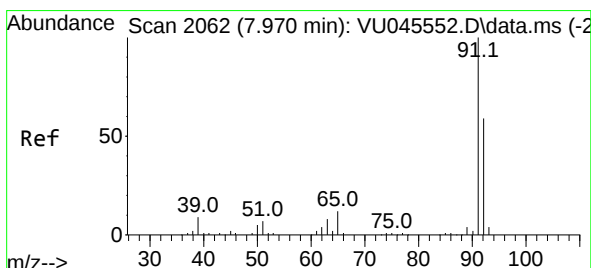
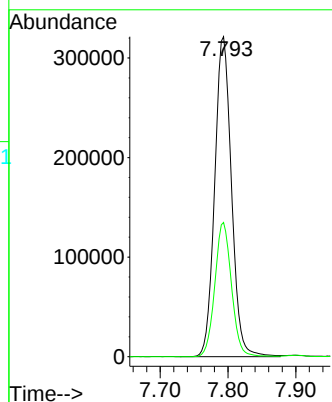
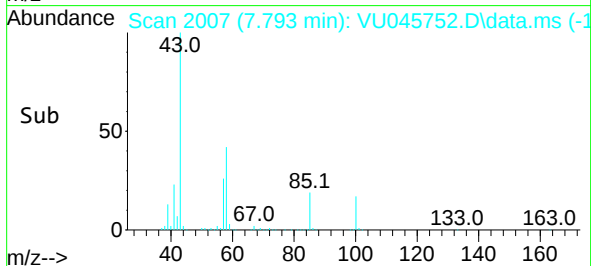
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MS



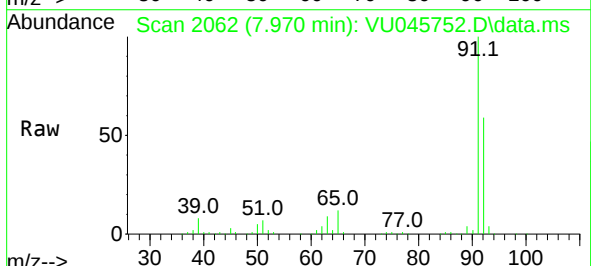
Tgt Ion: 43 Resp: 553204
Ion Ratio Lower Upper
43 100
58 41.6 33.8 50.8

Manual Integrations
APPROVED

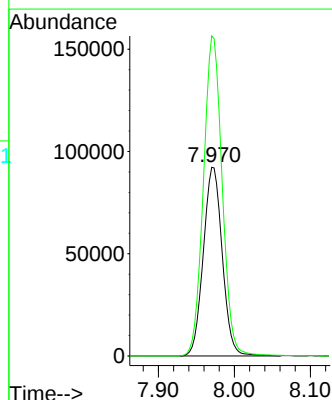
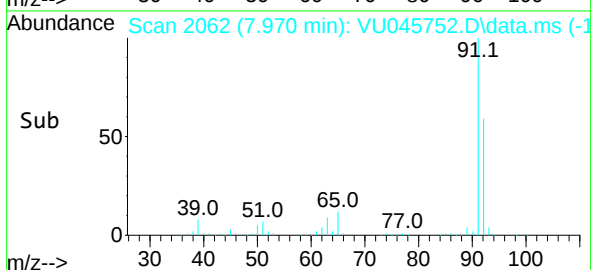
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

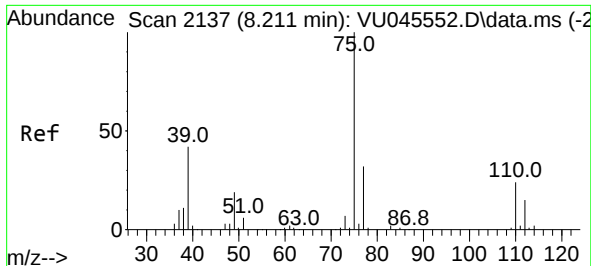


#52
Toluene
Concen: 52.659 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28



Tgt Ion: 92 Resp: 159435
Ion Ratio Lower Upper
92 100
91 168.2 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 50.371 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU045752.D

Acq: 11 Nov 2021 20:28

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MS

Tgt Ion: 75 Resp: 9959

Ion Ratio Lower Upper

75 100

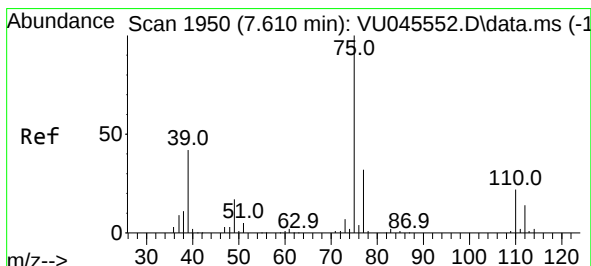
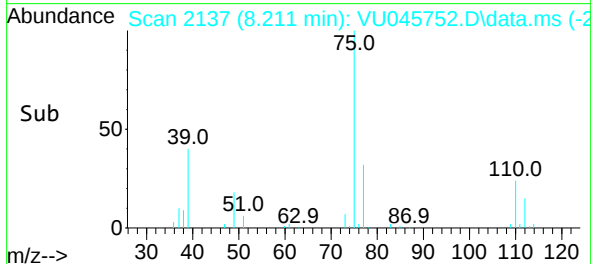
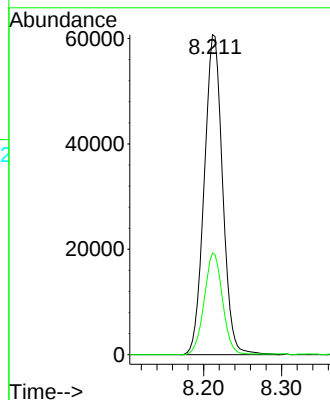
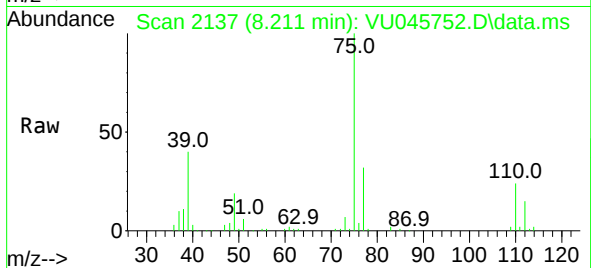
77 31.8 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#54

cis-1,3-Dichloropropene

Concen: 52.289 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045752.D

Acq: 11 Nov 2021 20:28

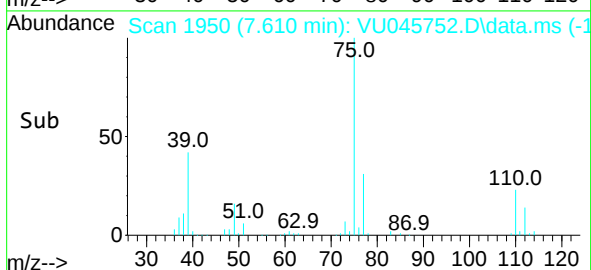
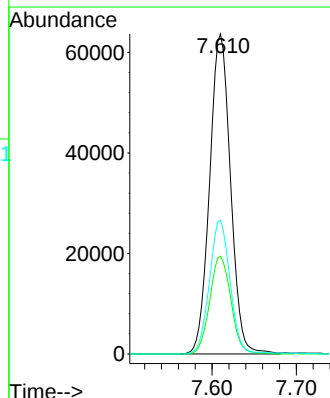
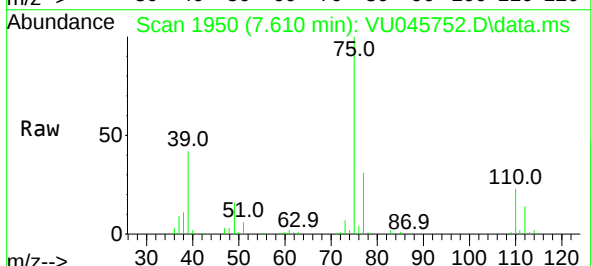
Tgt Ion: 75 Resp: 109811

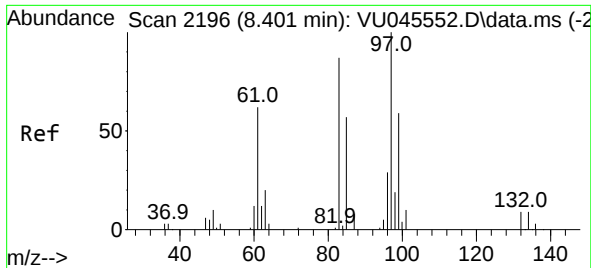
Ion Ratio Lower Upper

75 100

77 30.6 24.6 37.0

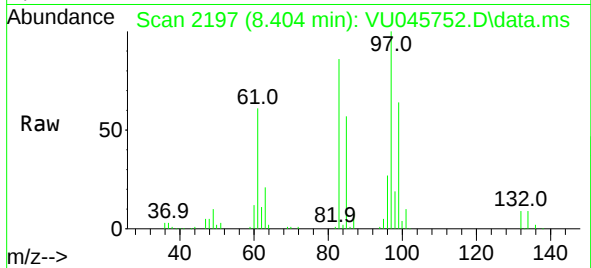
39 41.8 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 55.298 ug/l
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

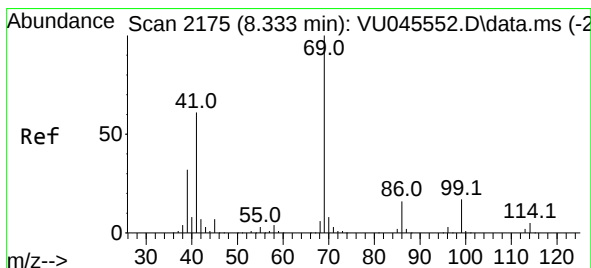
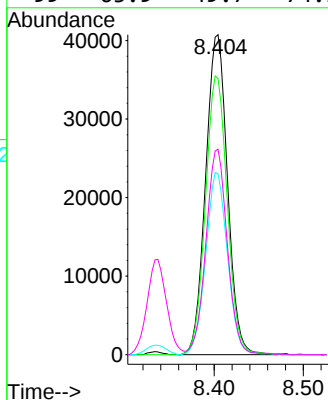
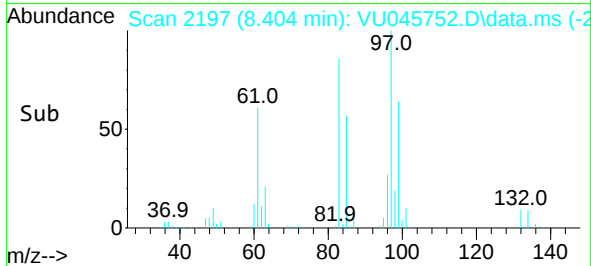
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MS



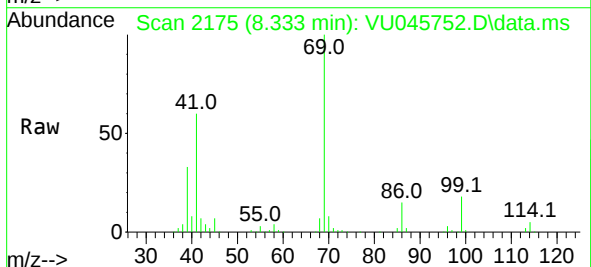
Tgt Ion: 97 Resp: 69390
Ion Ratio Lower Upper
97 100
83 86.2 70.3 105.5
85 56.5 45.5 68.3
99 63.9 49.7 74.5

Manual Integrations
APPROVED

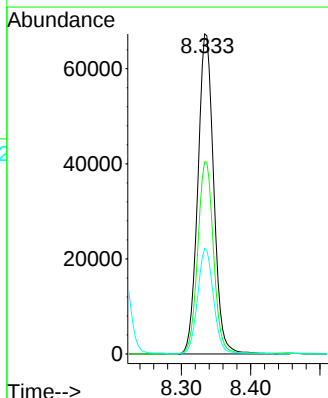
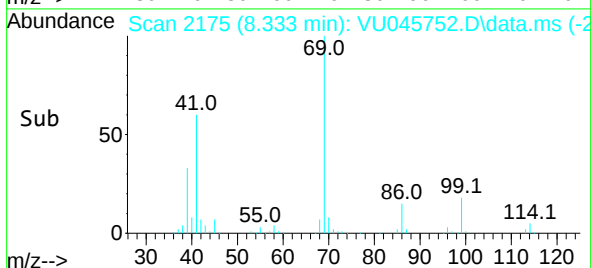
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

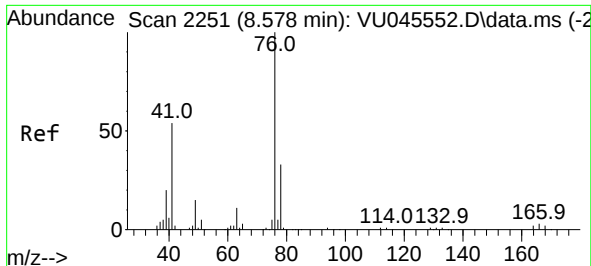


#56
Ethyl methacrylate
Concen: 47.666 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28



Tgt Ion: 69 Resp: 107016
Ion Ratio Lower Upper
69 100
41 60.0 51.0 76.4
39 33.5 26.6 39.8





#57

1,3-Dichloropropane

Concen: 53.334 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045752.D

Acq: 11 Nov 2021 20:28

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MS

Tgt Ion: 76 Resp: 120540

Ion Ratio Lower Upper

76 100

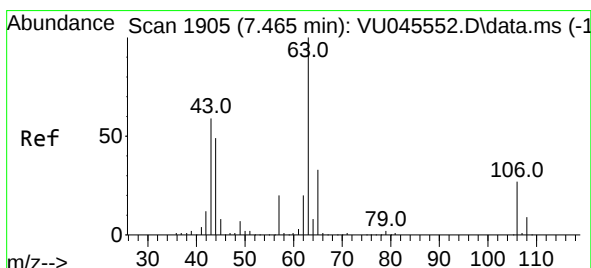
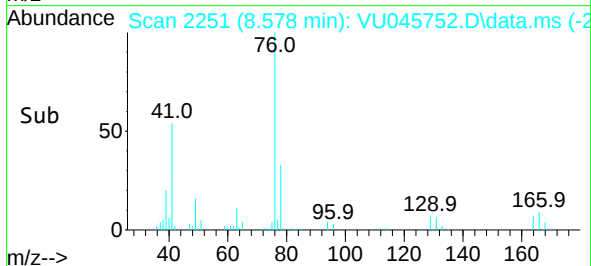
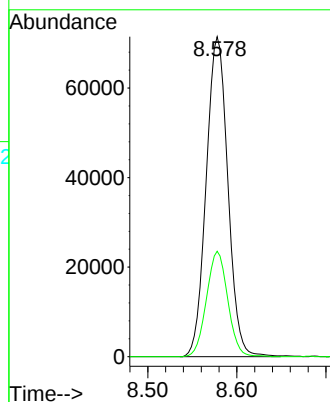
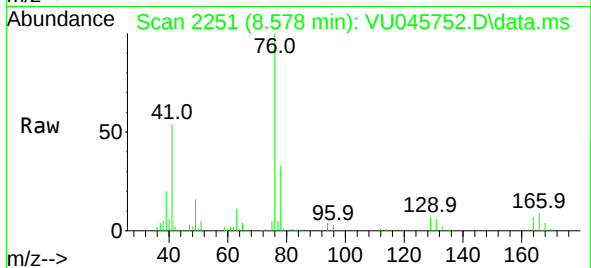
78 32.4 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#58

2-Chloroethyl Vinyl ether

Concen: 228.856 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045752.D

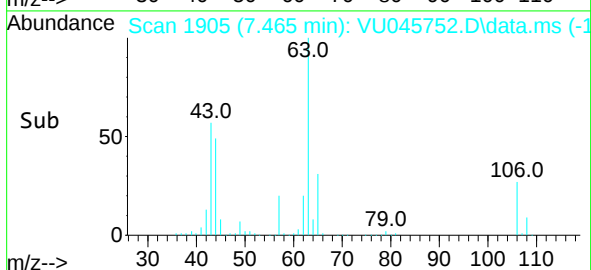
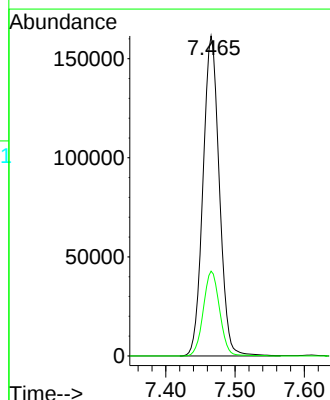
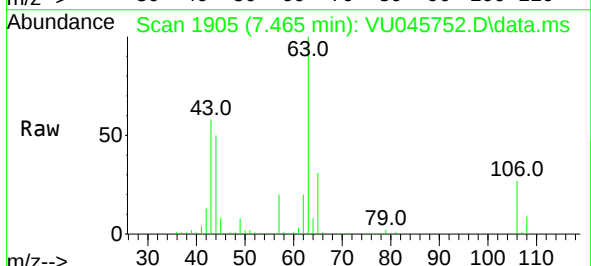
Acq: 11 Nov 2021 20:28

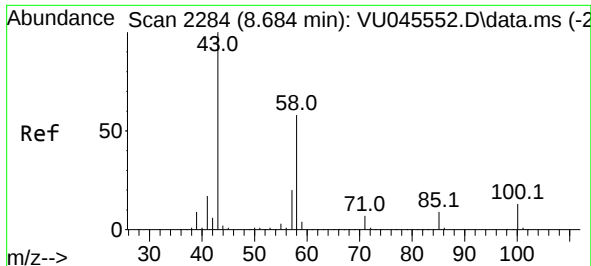
Tgt Ion: 63 Resp: 264384

Ion Ratio Lower Upper

63 100

106 26.5 21.0 31.4





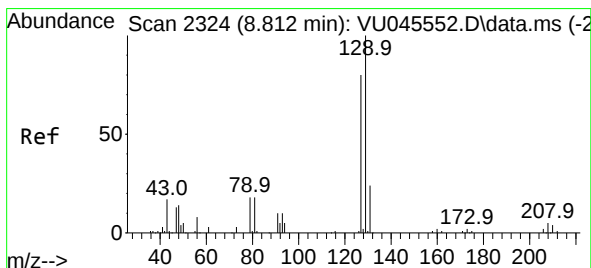
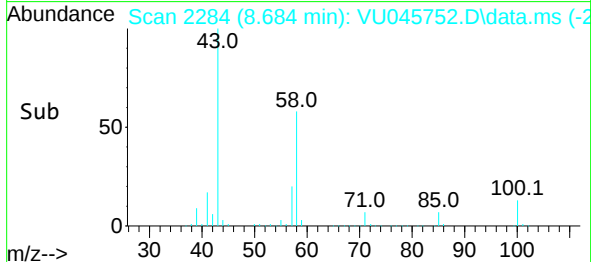
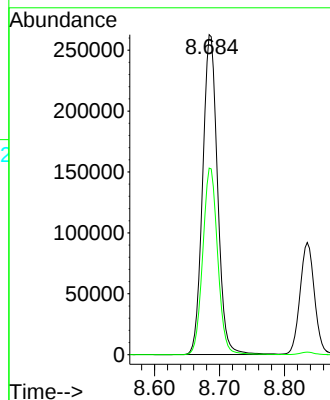
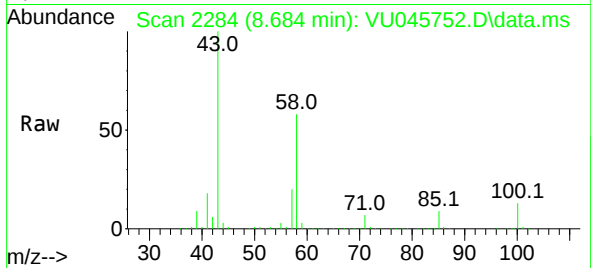
#59
2-Hexanone
Concen: 249.354 ug/l
RT: 8.684 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MS

Tgt Ion: 43 Resp: 420020
Ion Ratio Lower Upper
43 100
58 58.4 29.5 88.6

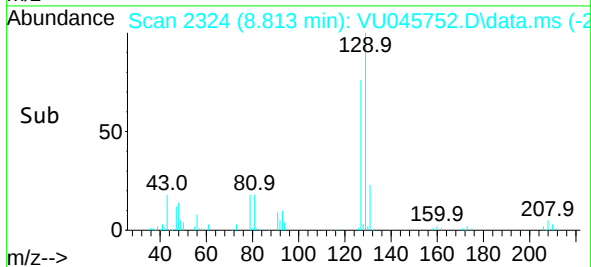
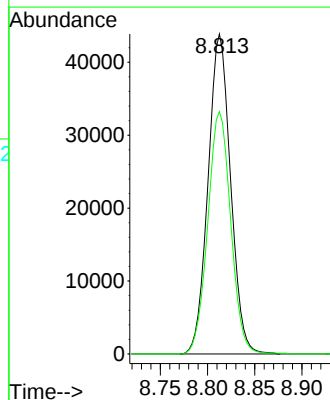
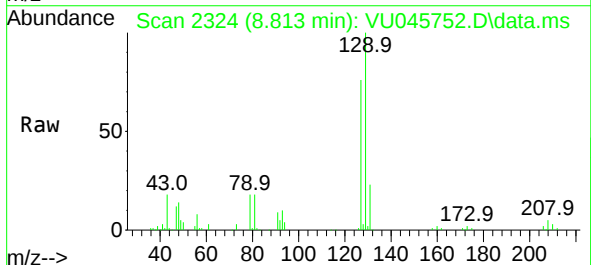
Manual Integrations
APPROVED

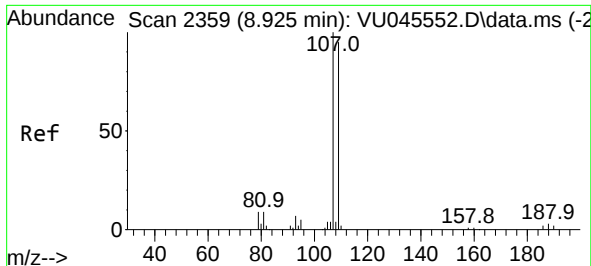
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#60
Dibromochloromethane
Concen: 55.646 ug/l
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

Tgt Ion:129 Resp: 72710
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3





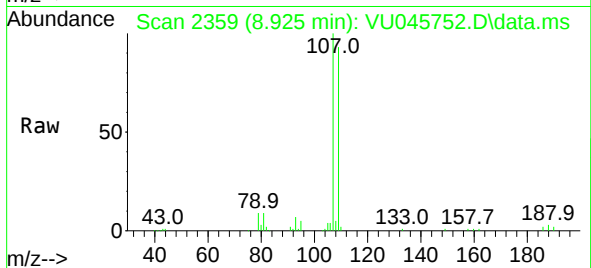
#61
1,2-Dibromoethane
Concen: 52.713 ug/l
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MS



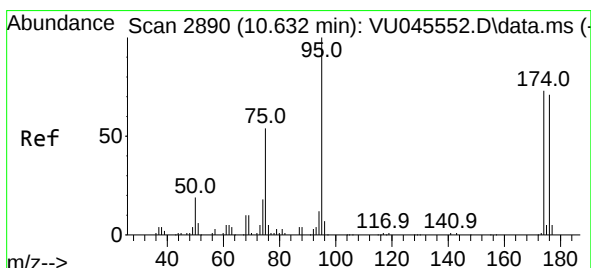
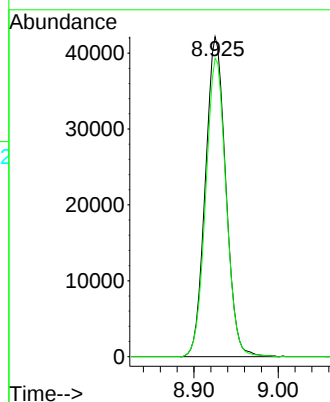
Tgt Ion:107 Resp: 7094
Ion Ratio Lower Upper
107 100
109 93.3 75.8 113.8

Manual Integrations

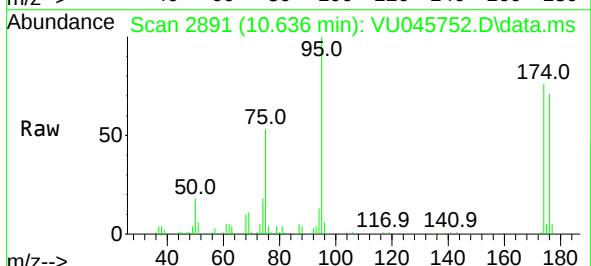
APPROVED

Reviewed By :John Carlone 11/12/2021

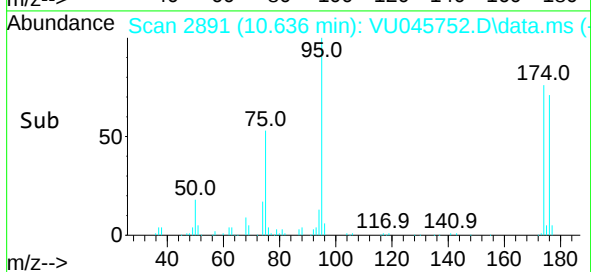
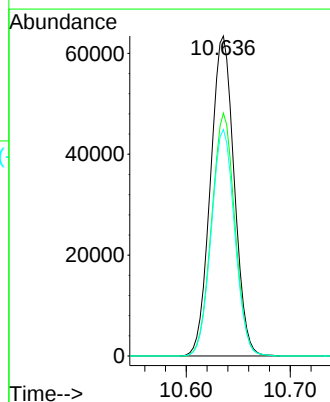
Supervised By :Mahesh Dadoda 11/17/2021

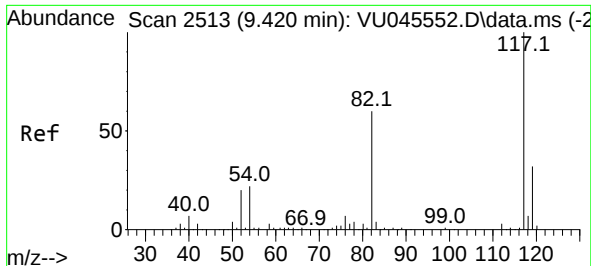


#62
4-Bromofluorobenzene
Concen: 58.891 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28



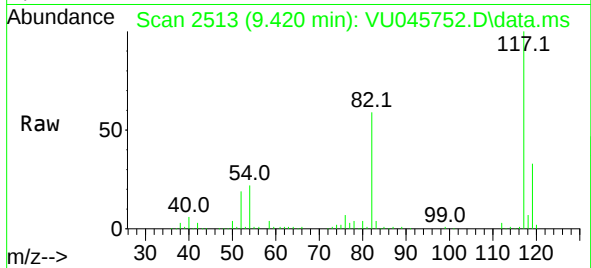
Tgt Ion: 95 Resp: 100434
Ion Ratio Lower Upper
95 100
174 74.5 0.0 141.8
176 70.2 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

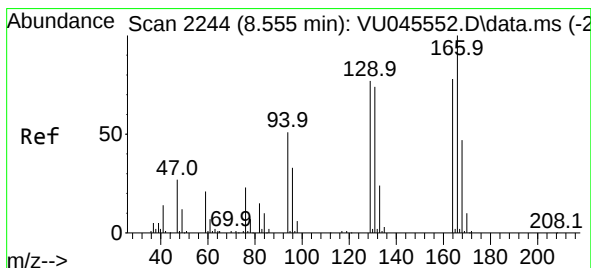
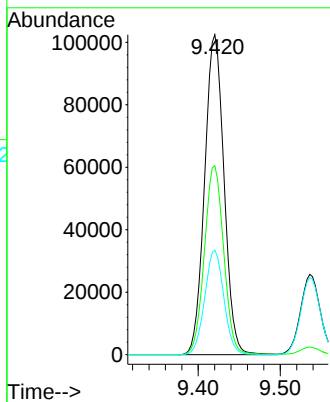
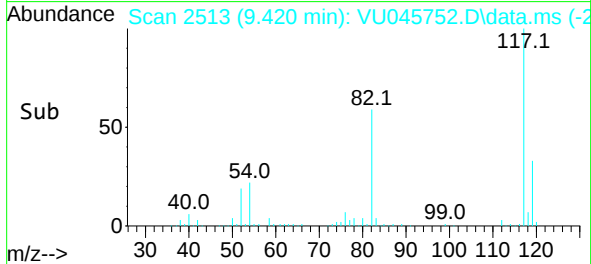
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MS



Tgt Ion:117 Resp: 168564
Ion Ratio Lower Upper
117 100
82 59.1 47.8 71.8
119 32.7 25.8 38.8

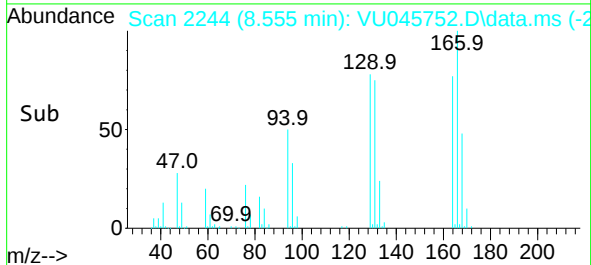
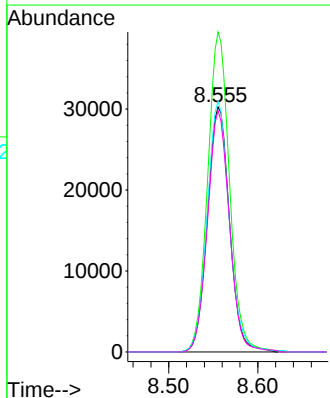
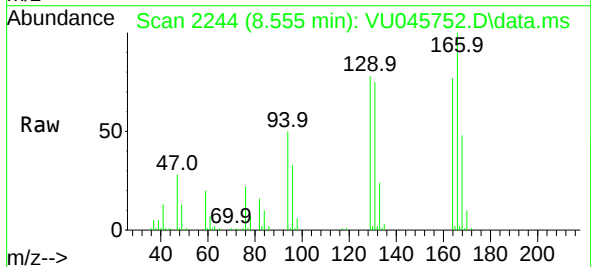
Manual Integrations
APPROVED

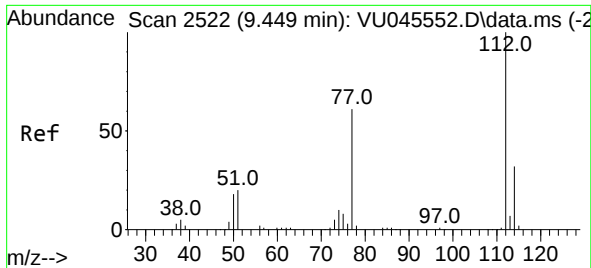
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#64
Tetrachloroethene
Concen: 53.940 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

Tgt Ion:164 Resp: 52186
Ion Ratio Lower Upper
164 100
166 130.6 102.2 153.4
129 102.3 78.2 117.4
131 98.5 75.1 112.7





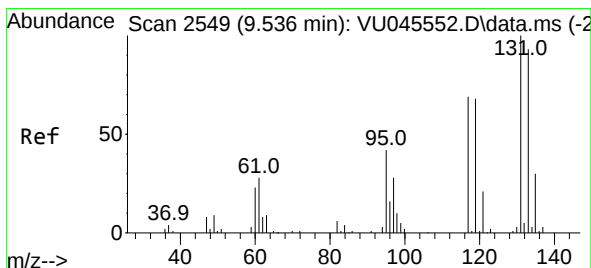
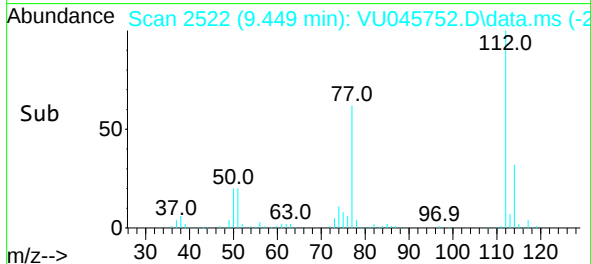
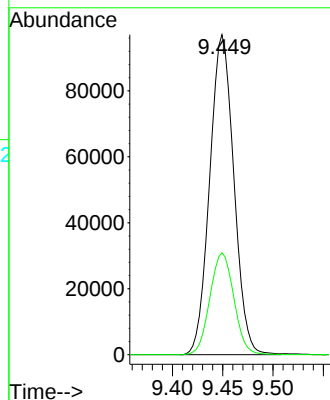
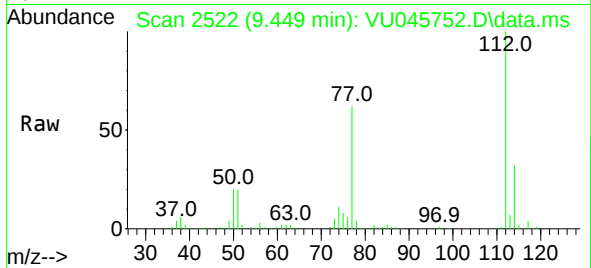
#65
Chlorobenzene
Concen: 48.981 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MS

Tgt Ion:112 Resp: 162178
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

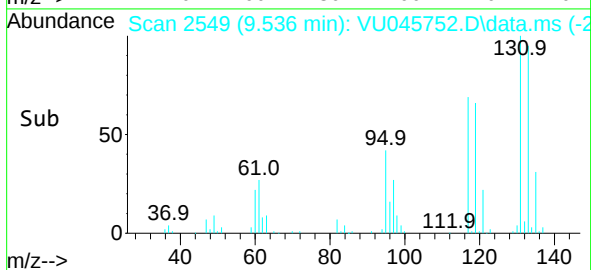
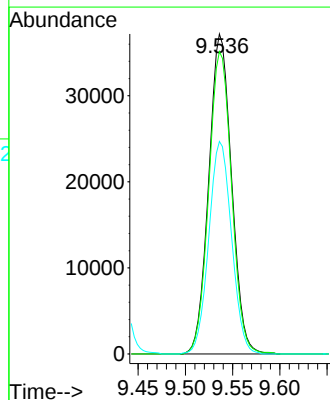
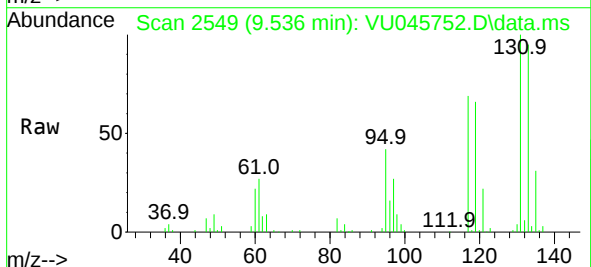
Manual Integrations
APPROVED

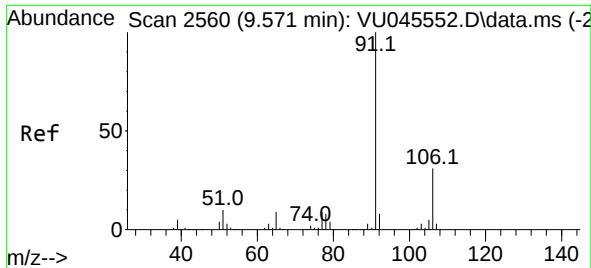
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 52.863 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

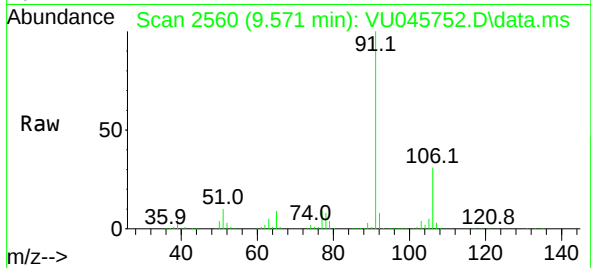
Tgt Ion:131 Resp: 62425
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.6
119 66.3 34.5 103.6





#67
Ethyl Benzene
Concen: 49.928 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

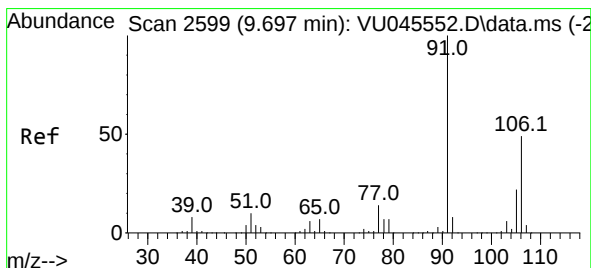
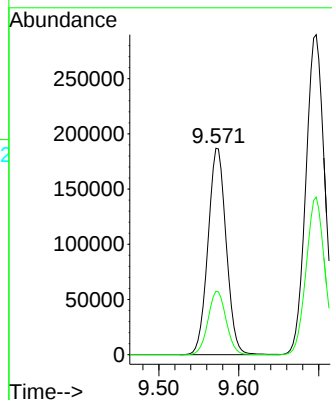
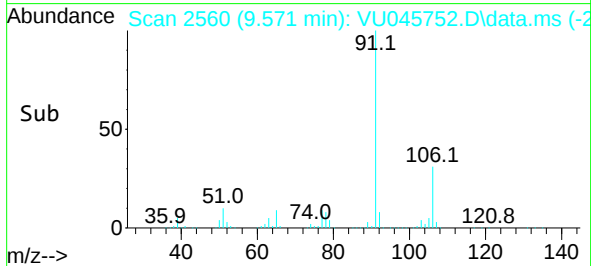
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MS



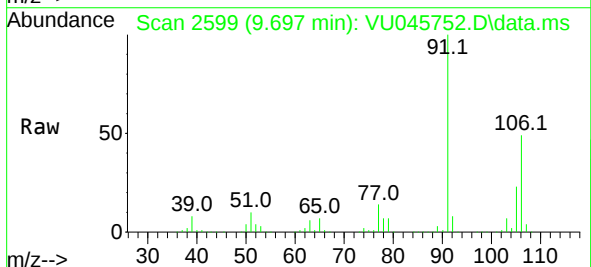
Tgt Ion: 91 Resp: 296049
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8

Manual Integrations
APPROVED

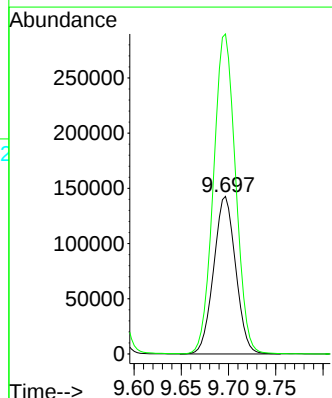
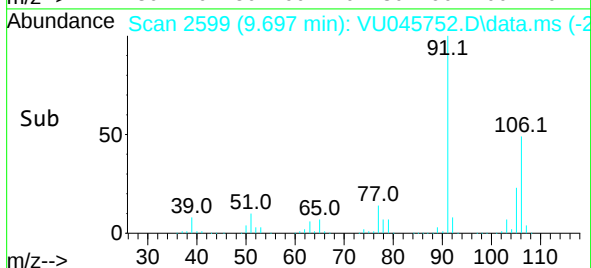
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

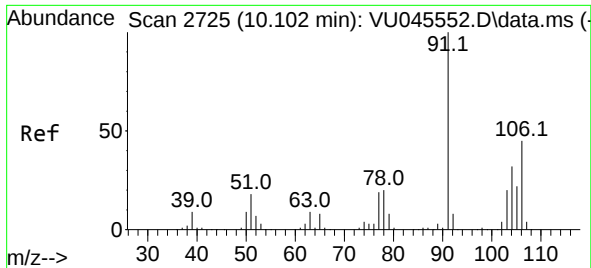


#68
m/p-Xylenes
Concen: 103.281 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28



Tgt Ion:106 Resp: 230956
Ion Ratio Lower Upper
106 100
91 205.0 164.7 247.1





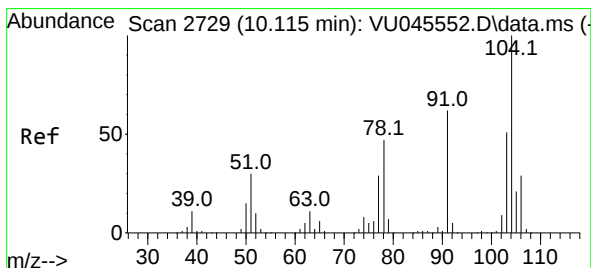
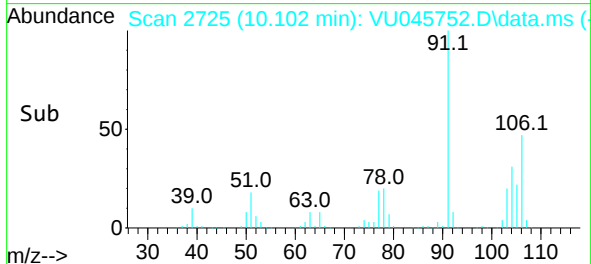
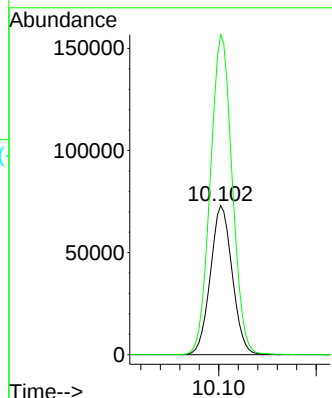
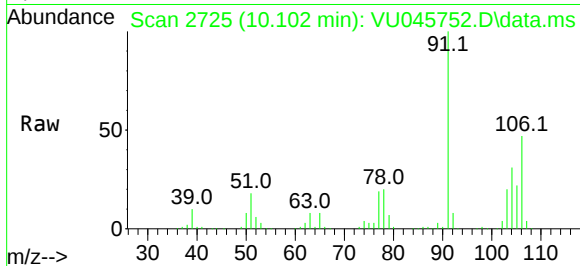
#69
o-Xylene
Concen: 52.207 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MS

Tgt Ion:106 Resp: 113500
Ion Ratio Lower Upper
106 100
91 216.2 108.7 326.3

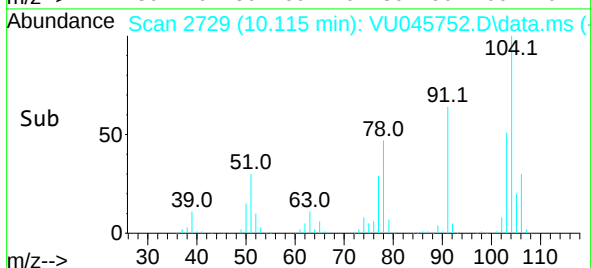
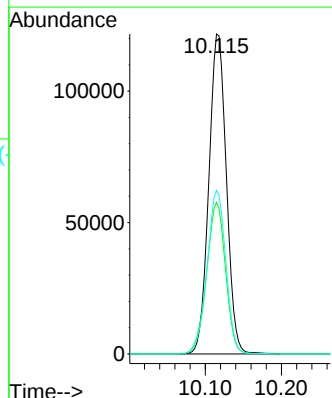
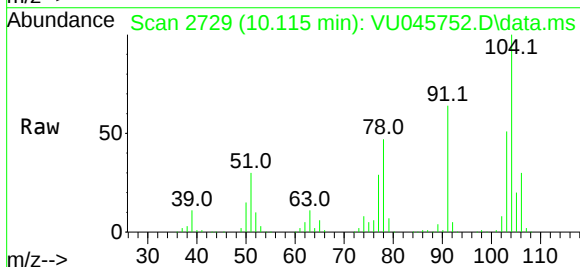
Manual Integrations
APPROVED

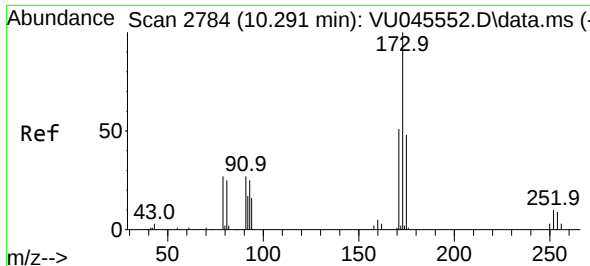
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#70
Styrene
Concen: 53.091 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

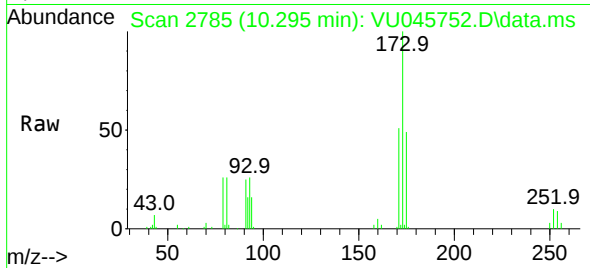
Tgt Ion:104 Resp: 195265
Ion Ratio Lower Upper
104 100
78 51.2 41.8 62.6
103 54.3 43.8 65.6





#71
Bromoform
Concen: 47.431 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

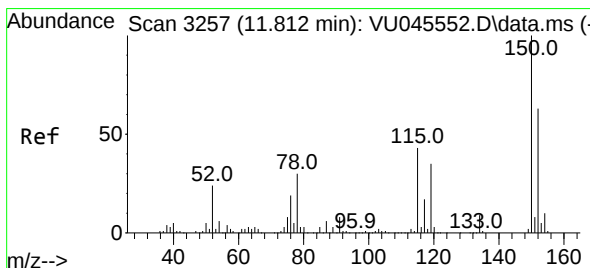
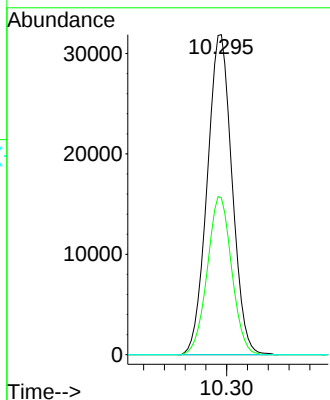
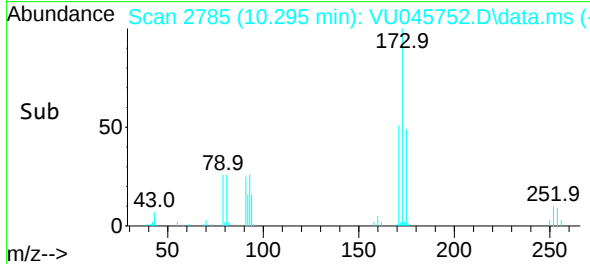
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MS



Tgt Ion:173 Resp: 52824
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.2
254 0.0 0.0 0.0

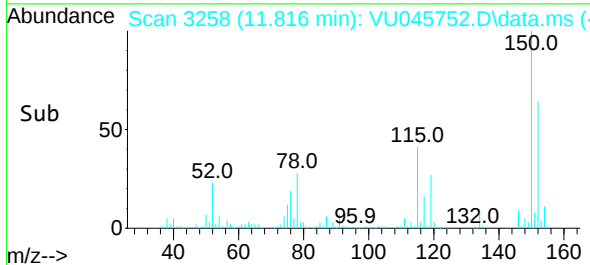
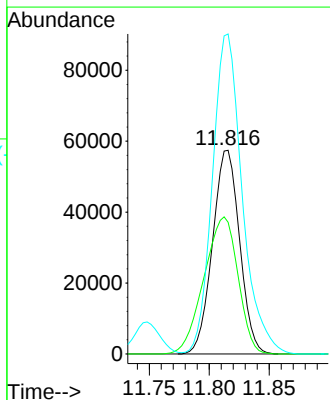
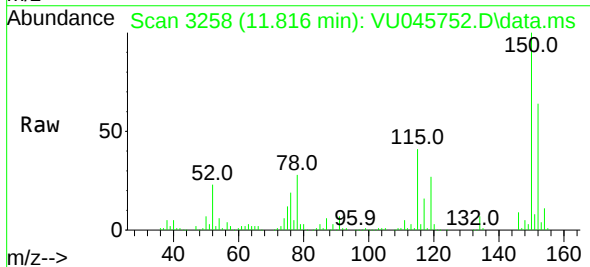
Manual Integrations
APPROVED

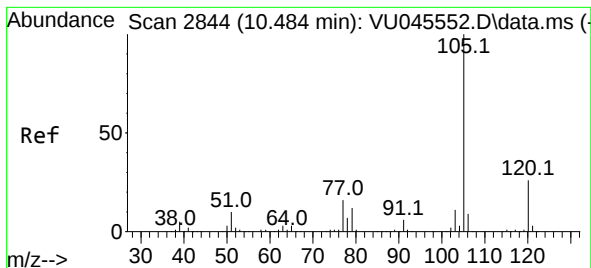
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

Tgt Ion:152 Resp: 90180
Ion Ratio Lower Upper
152 100
115 84.5 42.7 128.1
150 172.9 0.0 346.8





#73

Isopropylbenzene

Concen: 50.660 ug/l

RT: 10.488 min Scan# 2844

Delta R.T. 0.003 min

Lab File: VU045752.D

Acq: 11 Nov 2021 20:28

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MS

Tgt Ion:105 Resp: 29850

Ion Ratio Lower Upper

105 100

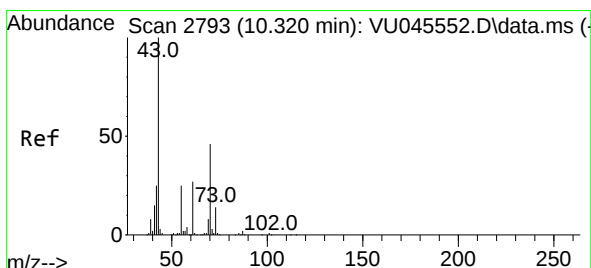
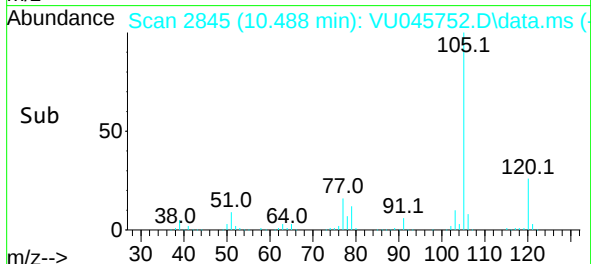
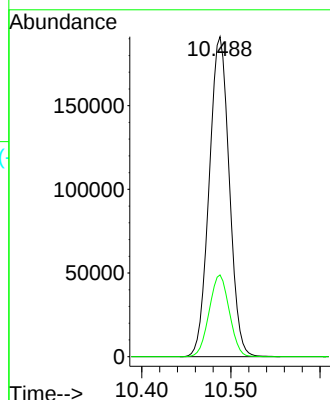
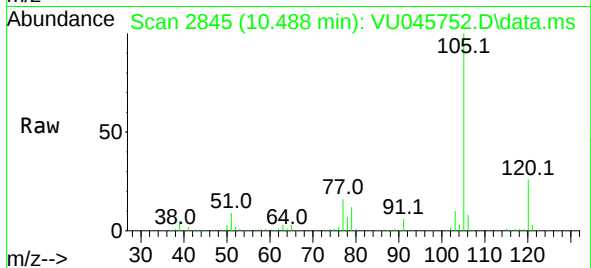
120 25.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#74

N-ethyl acetate

Concen: 50.418 ug/l

RT: 10.321 min Scan# 2793

Delta R.T. 0.000 min

Lab File: VU045752.D

Acq: 11 Nov 2021 20:28

Tgt Ion: 43 Resp: 134019

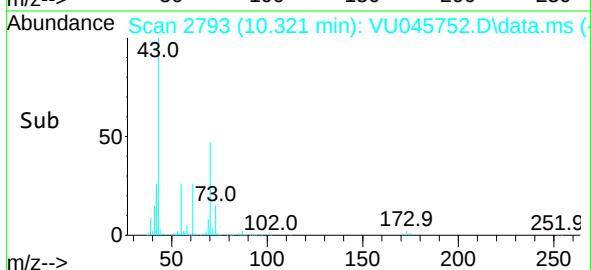
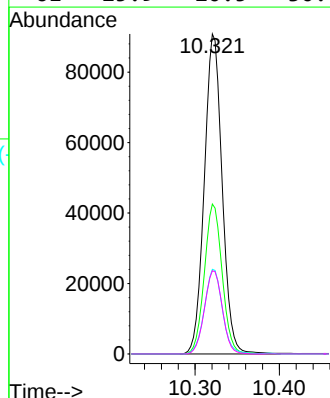
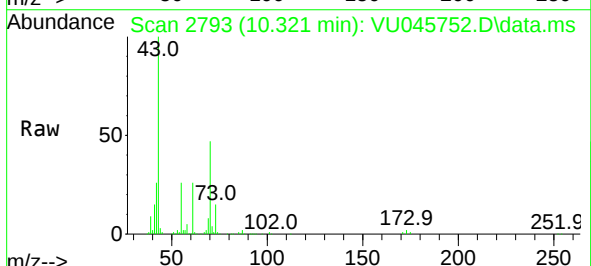
Ion Ratio Lower Upper

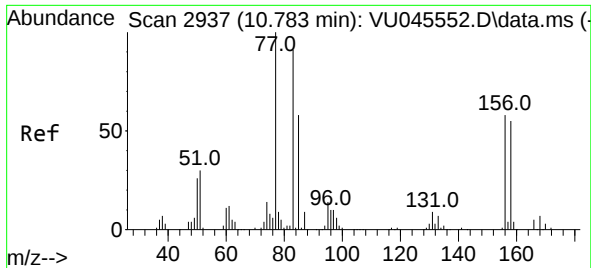
43 100

70 46.7 36.9 55.3

55 26.7 20.6 31.0

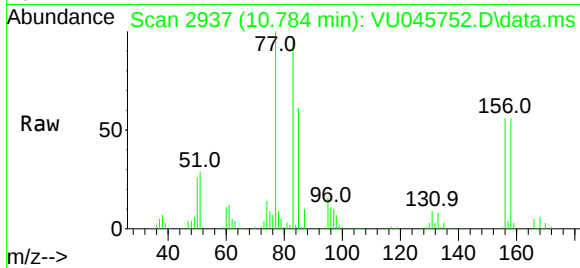
61 25.9 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 51.229 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

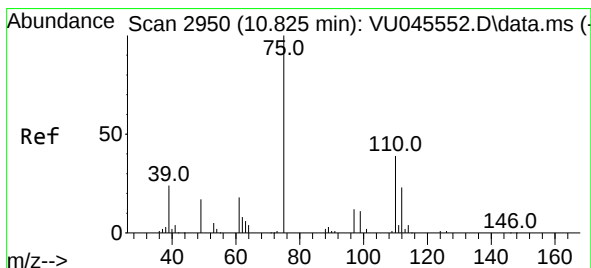
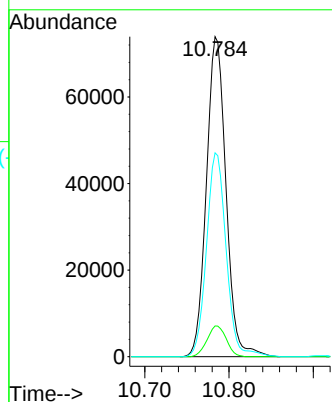
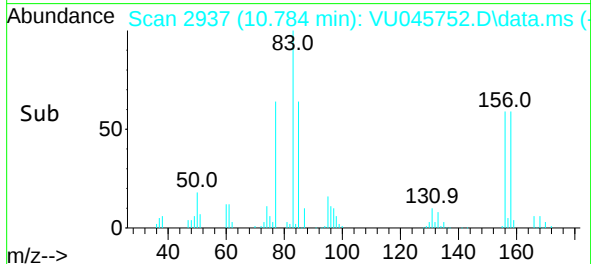
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MS



Tgt Ion: 83 Resp: 11959
Ion Ratio Lower Upper
83 100
131 9.4 4.4 13.2
85 64.0 31.9 95.9

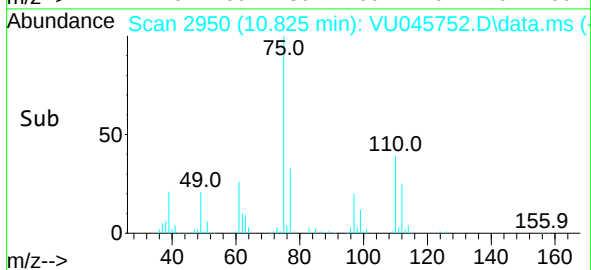
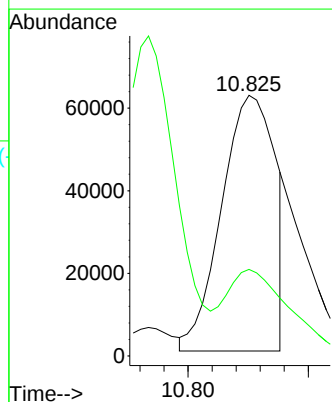
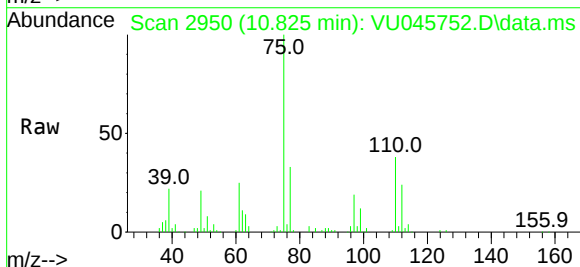
Manual Integrations
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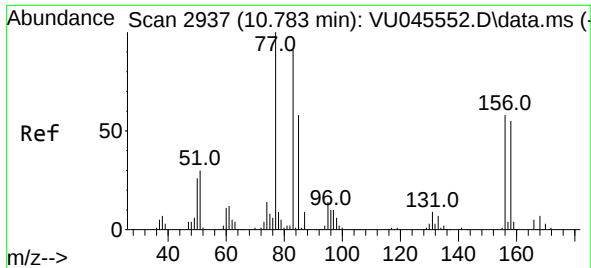
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#76
1,2,3-Trichloropropane
Concen: 34.970 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

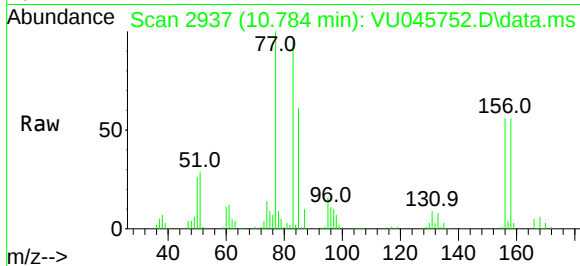
Tgt Ion: 75 Resp: 95634
Ion Ratio Lower Upper
75 100
77 41.6 17.1 51.3





#77
Bromobenzene
Concen: 49.111 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

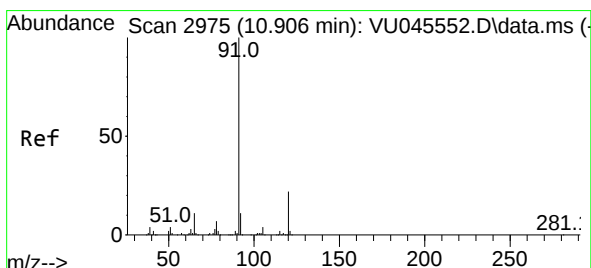
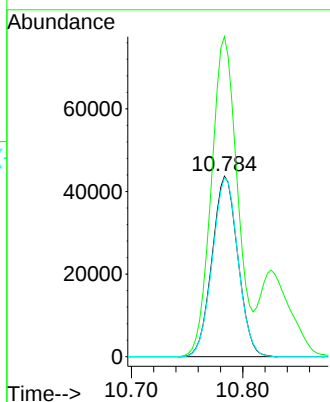
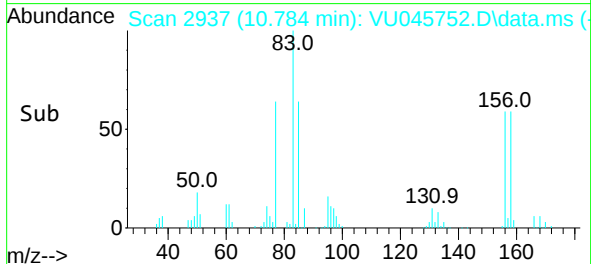
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MS



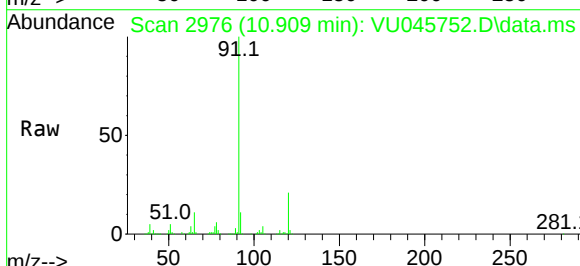
Tgt Ion:156 Resp: 70258
Ion Ratio Lower Upper
156 100
77 178.4 91.1 273.4
158 98.7 47.9 143.6

Manual Integrations
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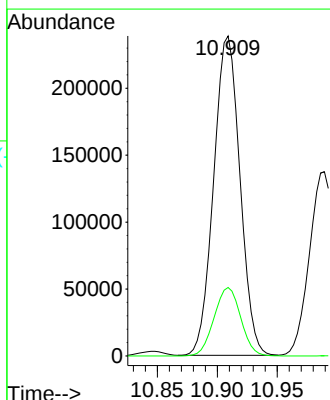
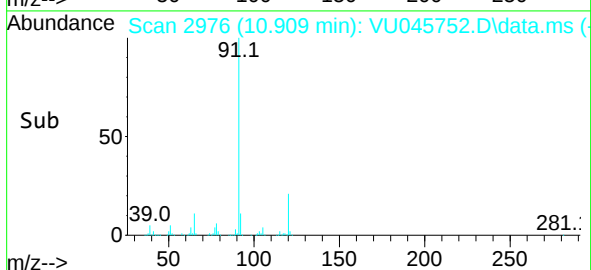
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

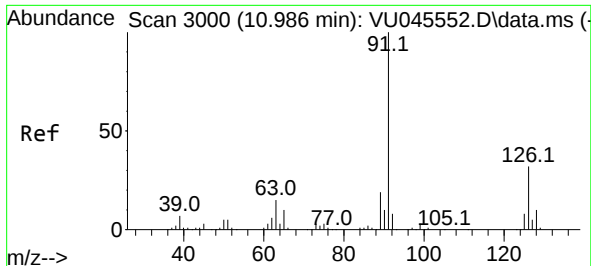


#78
n-propylbenzene
Concen: 49.543 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28



Tgt Ion: 91 Resp: 363324
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.7





#79

2-Chlorotoluene

Concen: 49.283 ug/l

RT: 10.989 min Scan# 3000

Delta R.T. 0.003 min

Lab File: VU045752.D

Acq: 11 Nov 2021 20:28

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MS

Tgt Ion: 91 Resp: 213529

Ion Ratio Lower Upper

91 100

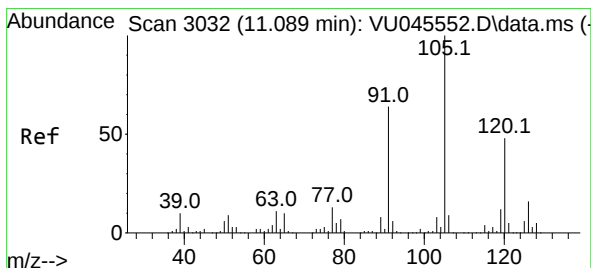
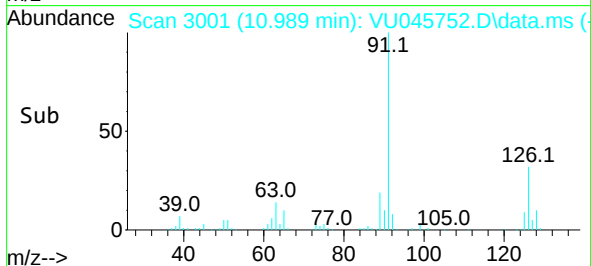
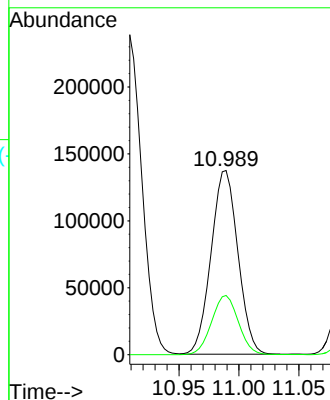
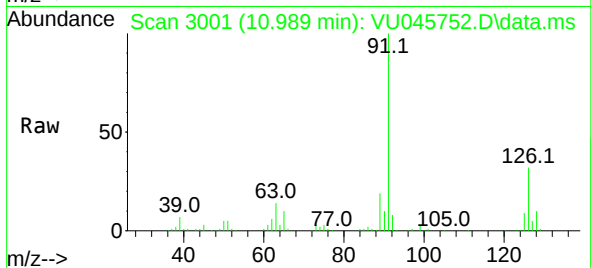
126 32.2 15.6 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#80

1,3,5-Trimethylbenzene

Concen: 50.283 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU045752.D

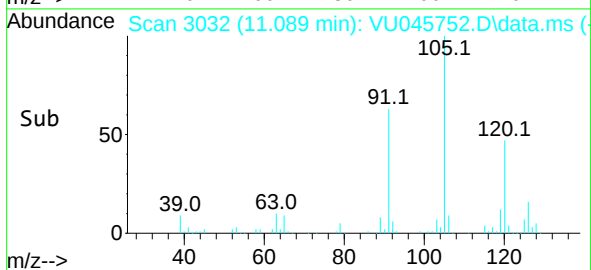
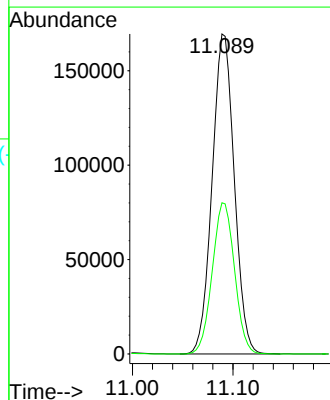
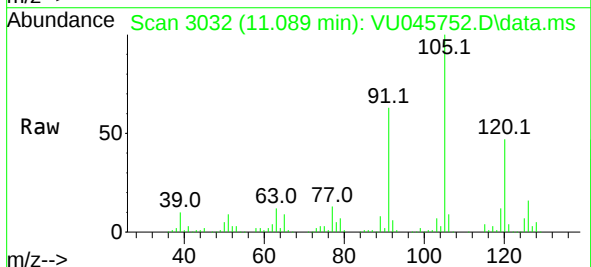
Acq: 11 Nov 2021 20:28

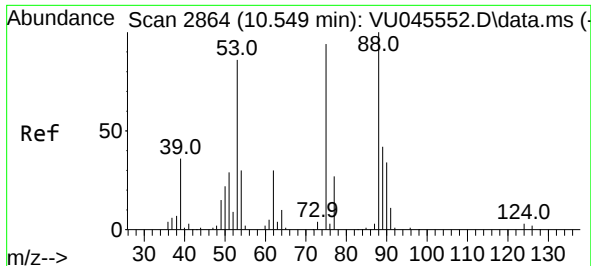
Tgt Ion:105 Resp: 258863

Ion Ratio Lower Upper

105 100

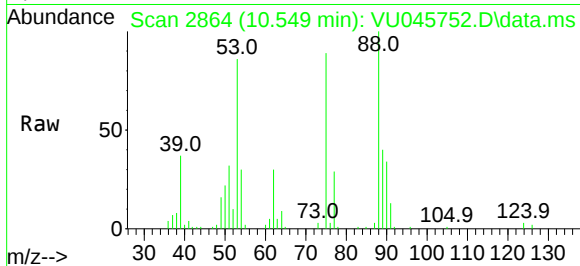
120 47.6 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 39.455 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

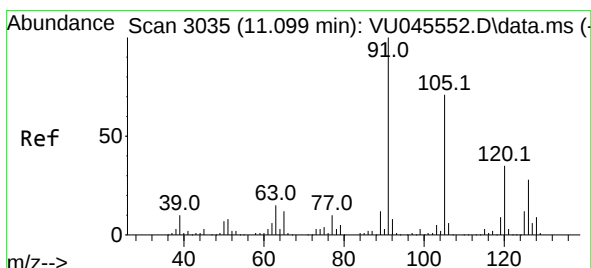
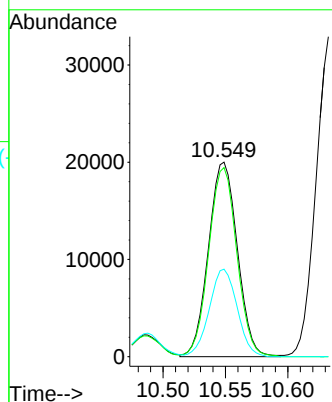
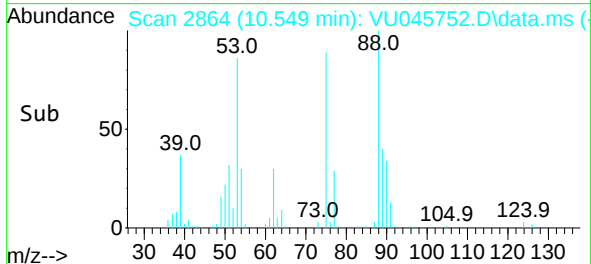
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MS



Tgt Ion: 75 Resp: 3237
Ion Ratio Lower Upper
75 100
53 94.5 76.2 114.4
89 43.3 34.0 51.0

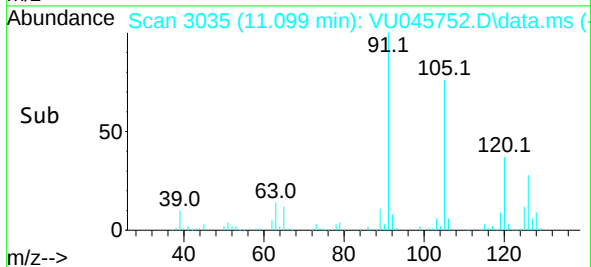
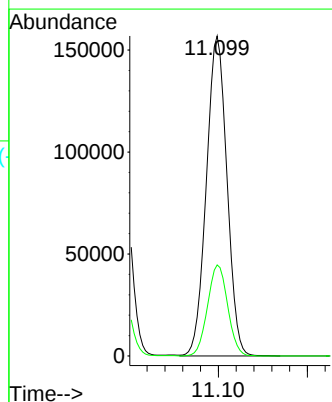
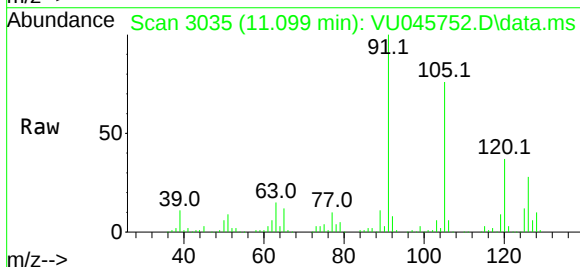
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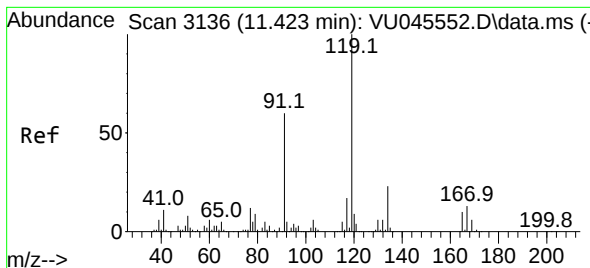
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#82
4-Chlorotoluene
Concen: 49.514 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

Tgt Ion: 91 Resp: 251595
Ion Ratio Lower Upper
91 100
126 27.8 13.8 41.4





#83

tert-Butylbenzene

Concen: 49.484 ug/l

RT: 11.423 min Scan# 3136

Delta R.T. 0.000 min

Lab File: VU045752.D

Acq: 11 Nov 2021 20:28

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MS

Tgt Ion:119 Resp: 242839

Ion Ratio Lower Upper

119 100

91 60.0 30.5 91.5

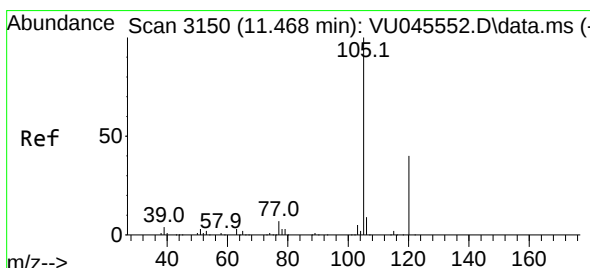
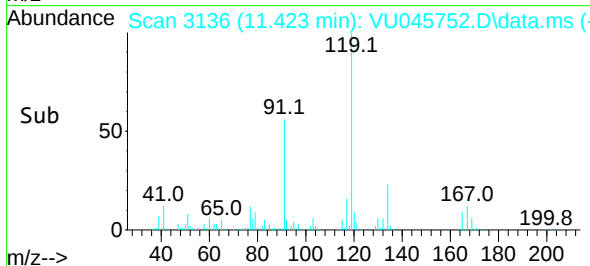
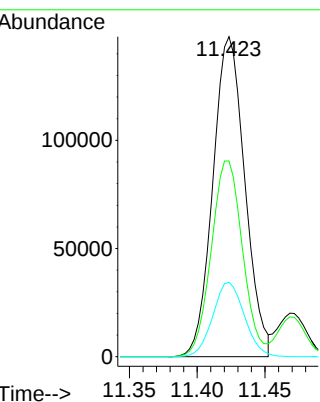
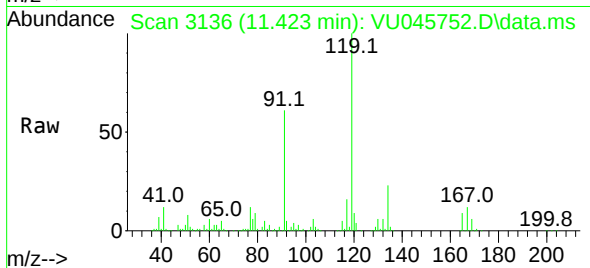
134 23.0 11.5 34.5

Manual Integrations

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Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#84

1,2,4-Trimethylbenzene

Concen: 50.460 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU045752.D

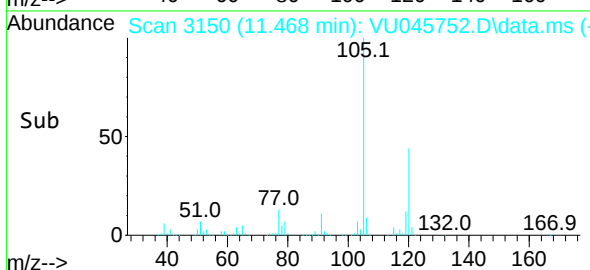
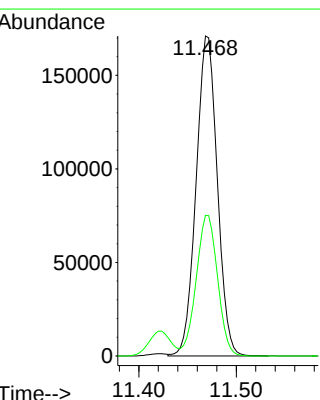
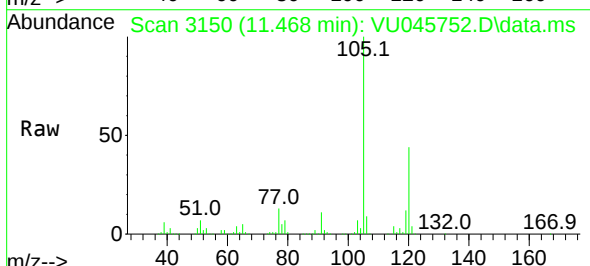
Acq: 11 Nov 2021 20:28

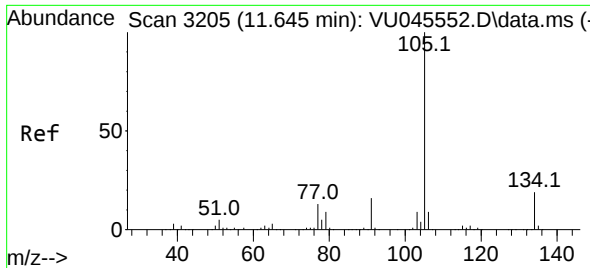
Tgt Ion:105 Resp: 258180

Ion Ratio Lower Upper

105 100

120 44.2 22.2 66.6





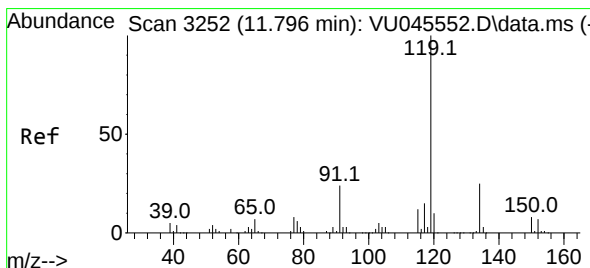
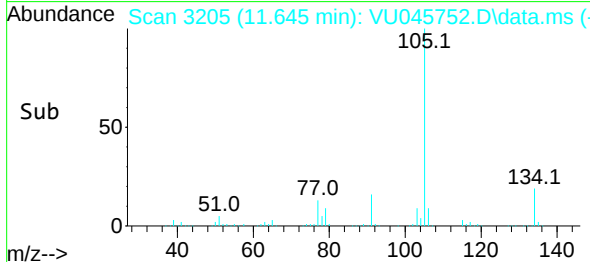
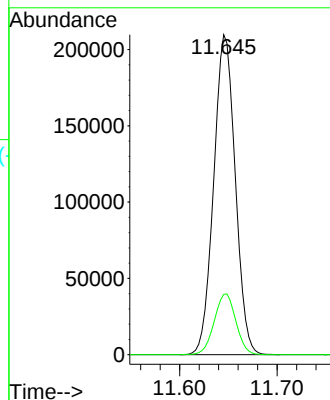
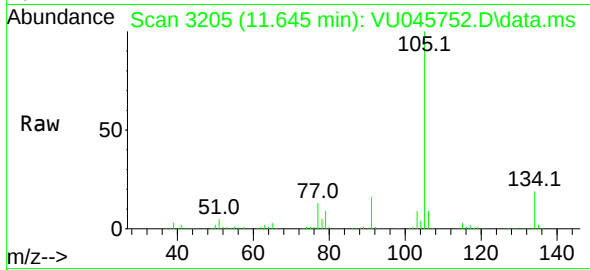
#85
 sec-Butylbenzene
 Concen: 49.502 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU045752.D
 Acq: 11 Nov 2021 20:28

Instrument :
 MSVOA_U
 ClientSampleId :
 56BR-20211108MS

Tgt Ion:105 Resp: 32218
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.4 28.3

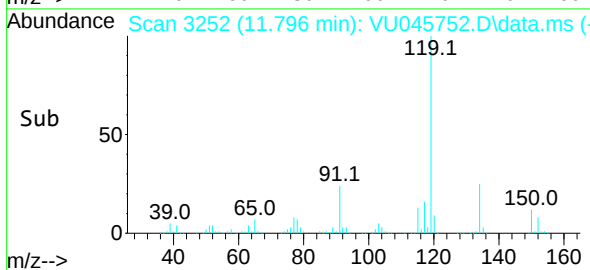
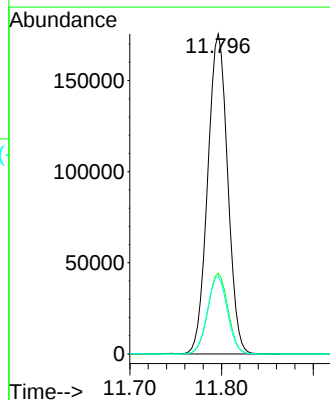
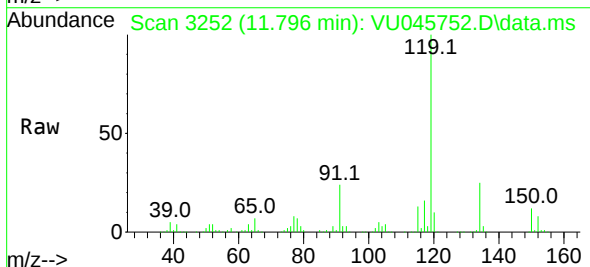
Manual Integrations
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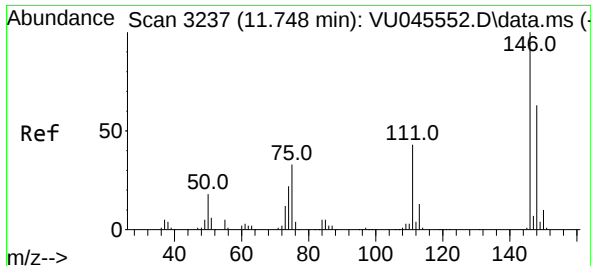
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#86
 p-Isopropyltoluene
 Concen: 48.795 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045752.D
 Acq: 11 Nov 2021 20:28

Tgt Ion:119 Resp: 265388
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.1
 91 24.3 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 47.273 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

Lab File: VU045752.D

Acq: 11 Nov 2021 20:28

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MS

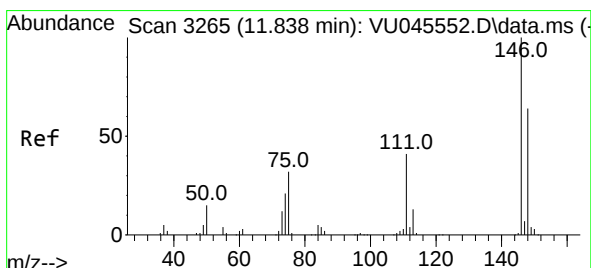
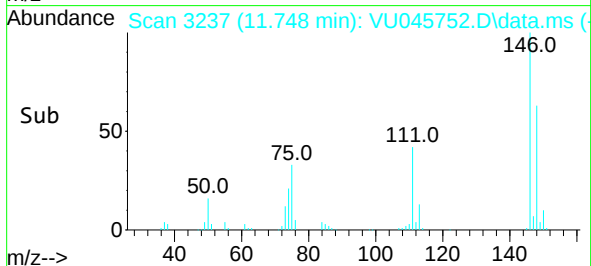
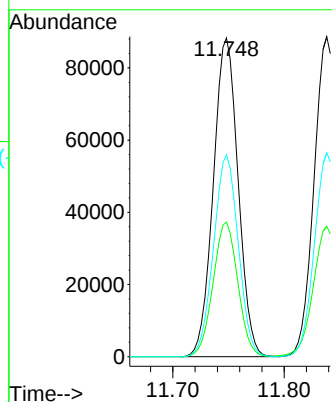
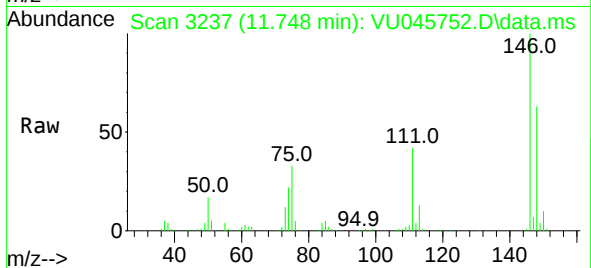
Tgt Ion:146 Resp: 136454
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.3 63.9
 148 63.3 31.7 95.1

Manual Integrations

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Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#88

1,4-Dichlorobenzene

Concen: 47.328 ug/l

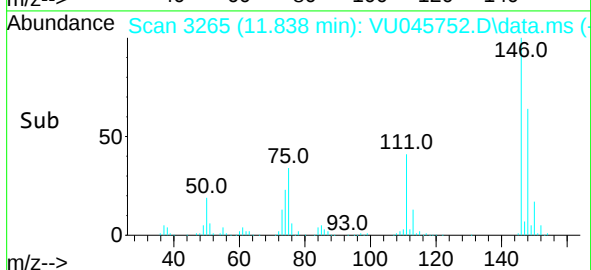
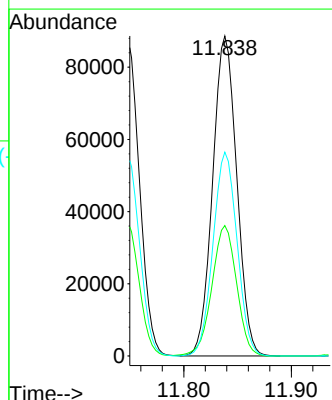
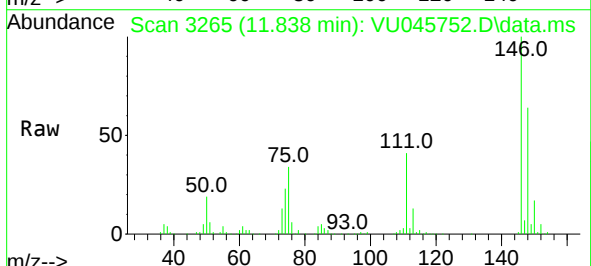
RT: 11.838 min Scan# 3265

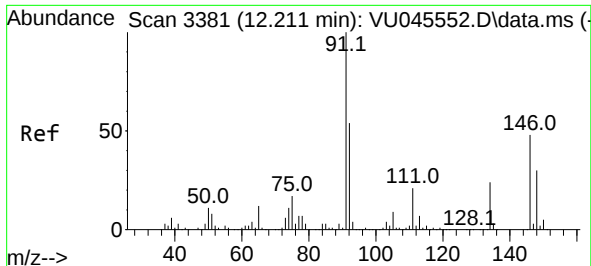
Delta R.T. 0.000 min

Lab File: VU045752.D

Acq: 11 Nov 2021 20:28

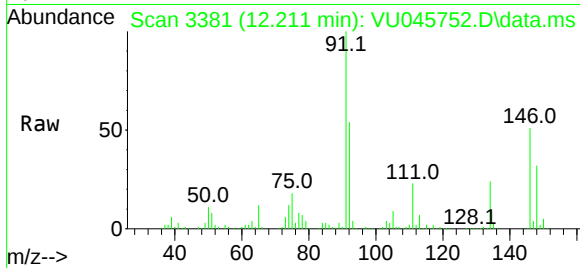
Tgt Ion:146 Resp: 138169
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.6 61.9
 148 63.7 31.9 95.7





#89
n-Butylbenzene
Concen: 46.548 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

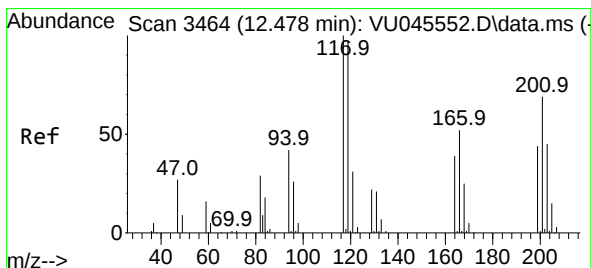
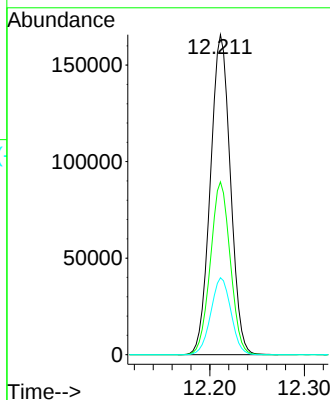
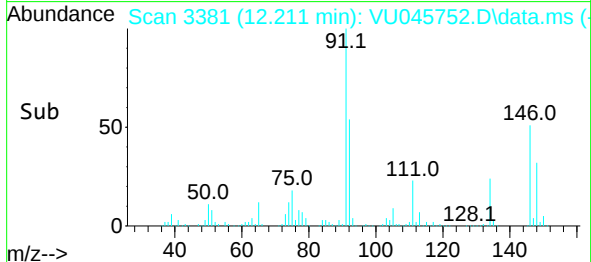
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MS



Tgt Ion: 91 Resp: 243872
Ion Ratio Lower Upper
91 100
92 53.5 27.1 81.2
134 24.1 11.8 35.4

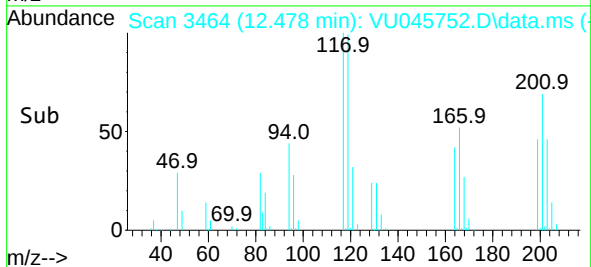
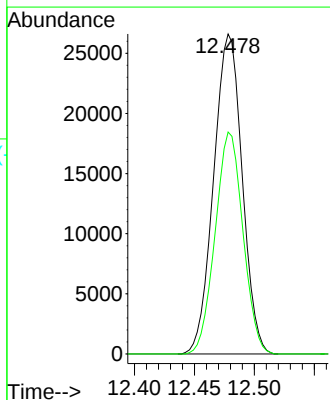
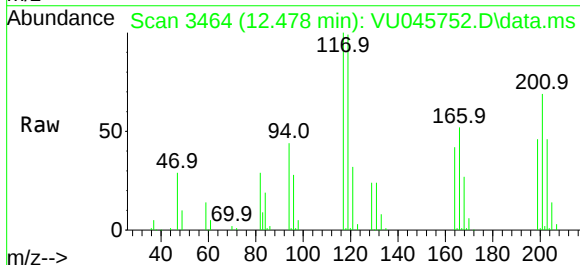
Manual Integrations
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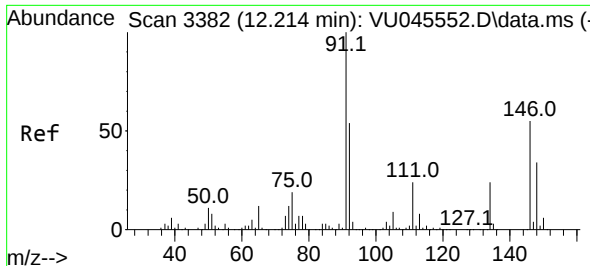
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#90
Hexachloroethane
Concen: 44.834 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

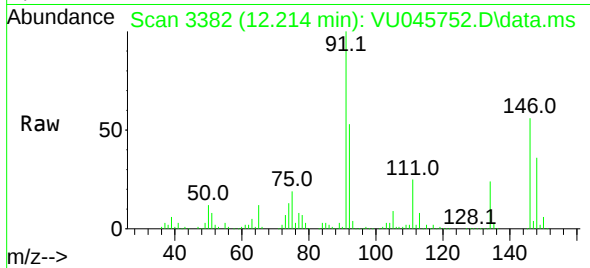
Tgt Ion:117 Resp: 43989
Ion Ratio Lower Upper
117 100
201 67.5 33.8 101.4





#91
1,2-Dichlorobenzene
Concen: 49.300 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

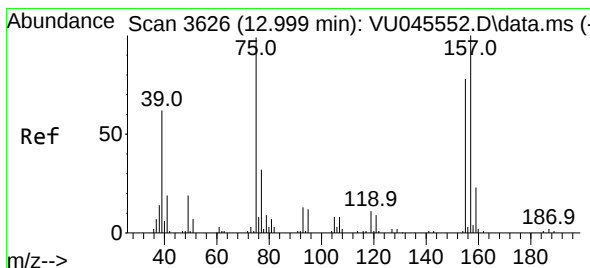
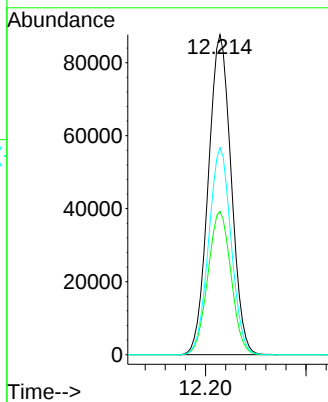
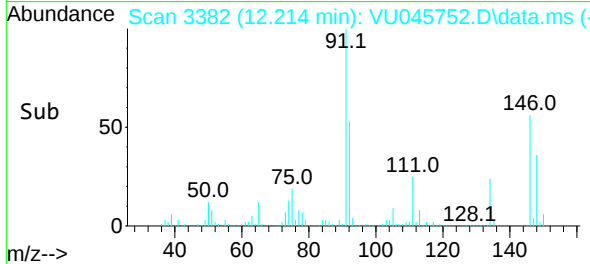
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MS



Tgt Ion:146 Resp: 138449
Ion Ratio Lower Upper
146 100
111 45.3 21.9 65.5
148 63.6 32.1 96.3

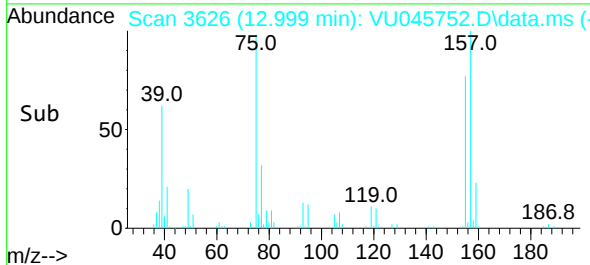
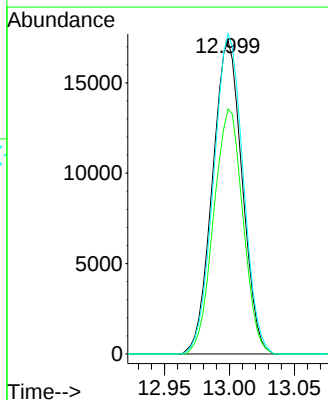
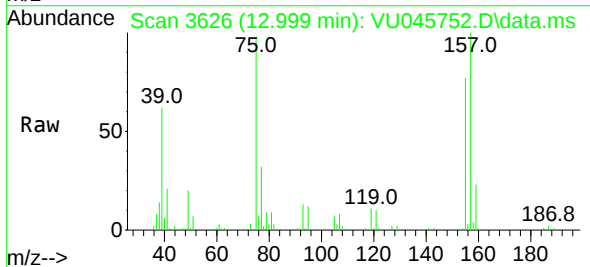
Manual Integrations
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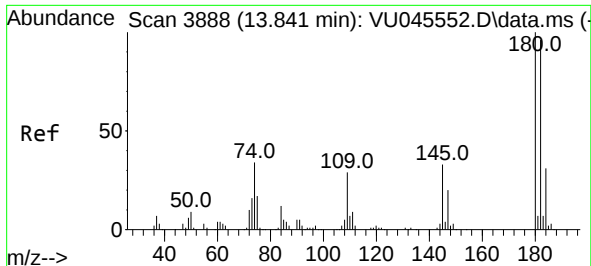
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.948 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

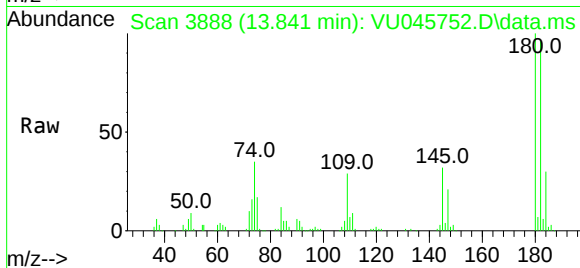
Tgt Ion: 75 Resp: 27514
Ion Ratio Lower Upper
75 100
155 77.2 37.8 113.3
157 101.6 48.4 145.2





#93
 1,2,4-Trichlorobenzene
 Concen: 45.287 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU045752.D
 Acq: 11 Nov 2021 20:28

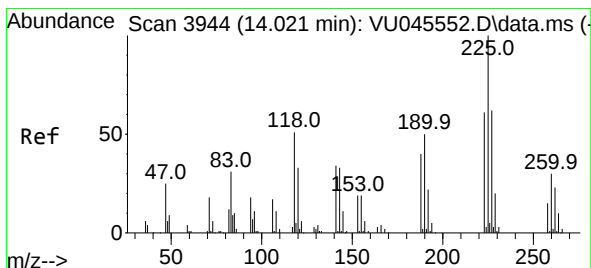
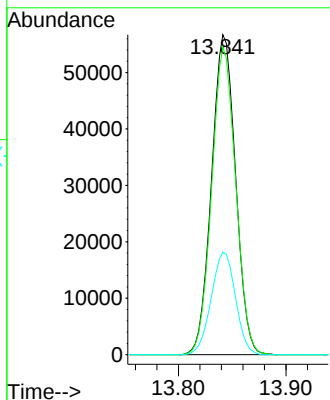
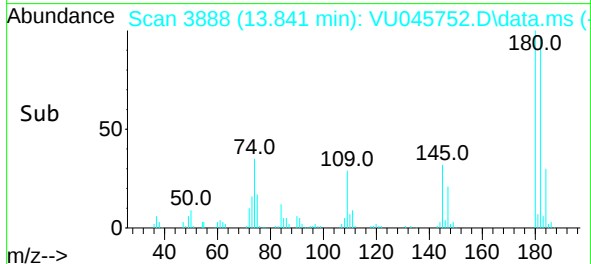
Instrument :
 MSVOA_U
 ClientSampleId :
 56BR-20211108MS



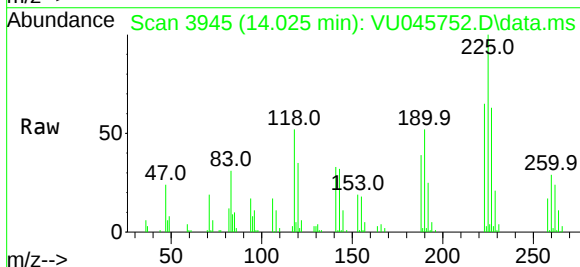
Tgt Ion:180 Resp: 87930
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.0 141.2
 145 32.4 15.6 46.7

Manual Integrations
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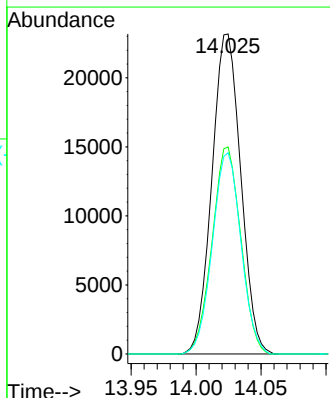
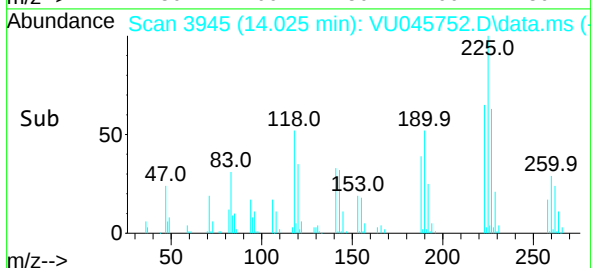
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

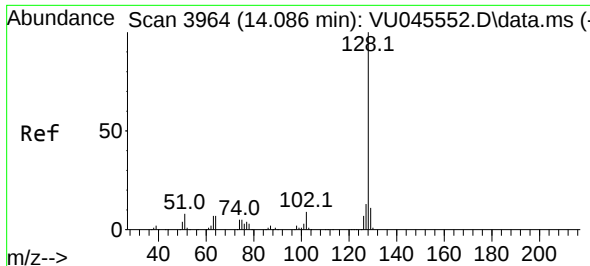


#94
 Hexachlorobutadiene
 Concen: 42.662 ug/l
 RT: 14.025 min Scan# 3945
 Delta R.T. 0.003 min
 Lab File: VU045752.D
 Acq: 11 Nov 2021 20:28



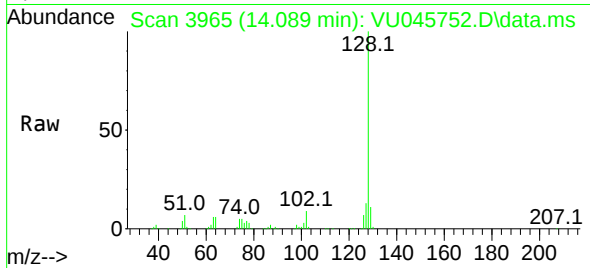
Tgt Ion:225 Resp: 35758
 Ion Ratio Lower Upper
 225 100
 223 64.2 32.0 96.2
 227 62.3 31.1 93.5





#95
Naphthalene
Concen: 46.126 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

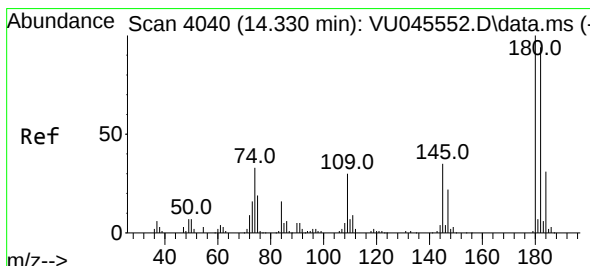
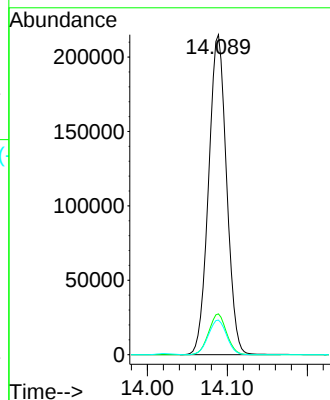
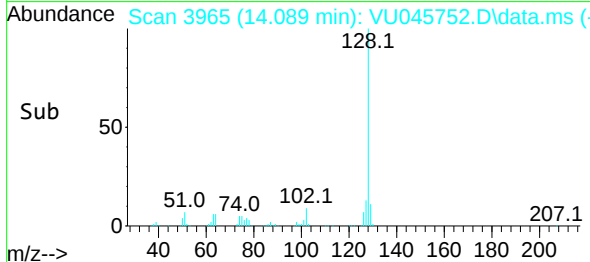
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MS



Tgt Ion:128 Resp: 336115
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#96
1,2,3-Trichlorobenzene
Concen: 48.523 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU045752.D
Acq: 11 Nov 2021 20:28

Tgt Ion:180 Resp: 93585
Ion Ratio Lower Upper
180 100
182 95.6 47.7 143.1
145 34.0 16.7 50.0

