

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111121\
 Data File : VU045753.D
 Acq On : 11 Nov 2021 20:51
 Operator : SY/MD
 Sample : M4594-10MSD 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 56BR-20211108MSD

Quant Time: Nov 12 06:14:34 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	109756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	196455	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	191685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	100141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	81742	49.730	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.460%		
35) Dibromofluoromethane	5.292	113	63926	48.738	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.480%		
50) Toluene-d8	7.899	98	233772	47.931	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.860%		
62) 4-Bromofluorobenzene	10.636	95	91494	46.782	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	60161	42.276	ug/l	99
3) Chloromethane	1.520	50	68131	41.844	ug/l	99
4) Vinyl Chloride	1.604	62	73549	46.372	ug/l	99
5) Bromomethane	1.842	94	42207	47.710	ug/l	99
6) Chloroethane	1.925	64	43729	42.246	ug/l	96
7) Trichlorofluoromethane	2.134	101	94458	45.036	ug/l	97
8) Diethyl Ether	2.375	74	38831	46.771	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.578	101	53587	43.755	ug/l	97
10) Methyl Iodide	2.723	142	58620	36.576	ug/l	91
11) Tert butyl alcohol	3.183	59	91195	280.302	ug/l	99
12) 1,1-Dichloroethene	2.578	96	52855	43.772	ug/l	99
13) Acrolein	2.485	56	12161	257.939	ug/l	98
14) Allyl chloride	2.922	41	96671	44.836	ug/l	97
15) Acrylonitrile	3.311	53	219117	252.253	ug/l	98
16) Acetone	2.626	43	169913	203.067	ug/l	97
17) Carbon Disulfide	2.790	76	135338	40.015	ug/l	99
18) Methyl Acetate	2.948	43	138803	48.704	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	209494	48.198	ug/l	98
20) Methylene Chloride	3.047	84	70521	48.505	ug/l	100
21) trans-1,2-Dichloroethene	3.353	96	58218	46.344	ug/l	98
22) Diisopropyl ether	3.996	45	207029	48.902	ug/l	91
23) Vinyl Acetate	3.957	43	801385	246.121	ug/l	100
24) 1,1-Dichloroethane	3.871	63	121075	47.993	ug/l	99
25) 2-Butanone	4.700	43	278508	239.986	ug/l	99
26) 2,2-Dichloropropane	4.668	77	85923	41.101	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	96840	65.633	ug/l	96
28) Bromochloromethane	4.977	49	53477	44.463	ug/l	94
29) Tetrahydrofuran	5.051	42	176738	248.972	ug/l	98
30) Chloroform	5.089	83	120372	48.245	ug/l	99
31) Cyclohexane	5.391	56	96547	40.255	ug/l	98
32) 1,1,1-Trichloroethane	5.317	97	103421	48.607	ug/l	97
36) 1,1-Dichloropropene	5.530	75	82363	42.996	ug/l	99
37) Ethyl Acetate	4.803	43	104307	47.402	ug/l	99
38) Carbon Tetrachloride	5.526	117	85732	44.393	ug/l	98
39) Methylcyclohexane	6.764	83	94528	40.224	ug/l	95
40) Benzene	5.777	78	254079	44.800	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	55826	48.007	ug/l	98
42) 1,2-Dichloroethane	5.797	62	95993	46.859	ug/l	99
43) Isopropyl Acetate	5.912	43	157320	46.742	ug/l	98
44) Trichloroethene	6.546	130	197860	145.749	ug/l	99
45) 1,2-Dichloropropane	6.793	63	70997	47.311	ug/l	97
46) Dibromomethane	6.919	93	49067	47.190	ug/l	99
47) Bromodichloromethane	7.108	83	95701	48.508	ug/l	97
48) Methyl methacrylate	6.960	41	74403	48.029	ug/l	97
49) 1,4-Dioxane	6.964	88	40951	1027.933	ug/l #	96
51) 4-Methyl-2-Pentanone	7.793	43	548467	247.035	ug/l	100
52) Toluene	7.973	92	160139	46.121	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	102092	45.026	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	112162	46.573	ug/l	95
55) 1,1,2-Trichloroethane	8.401	97	69274	48.139	ug/l	97
56) Ethyl methacrylate	8.333	69	108581	42.452	ug/l	97
57) 1,3-Dichloropropane	8.578	76	122967	47.444	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	269066	203.097	ug/l	98
59) 2-Hexanone	8.684	43	425342	221.071	ug/l	98
60) Dibromochloromethane	8.813	129	72966	48.695	ug/l	98
61) 1,2-Dibromoethane	8.925	107	72839	47.194	ug/l	99
64) Tetrachloroethene	8.555	164	54599	49.627	ug/l	98
65) Chlorobenzene	9.449	112	169738	45.081	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	62234	46.345	ug/l	99
67) Ethyl Benzene	9.571	91	305393	45.292	ug/l	99
68) m/p-Xylenes	9.697	106	236958	93.183	ug/l	100
69) o-Xylene	10.102	106	115023	46.526	ug/l	100
70) Styrene	10.115	104	199270	47.644	ug/l	99
71) Bromoform	10.292	173	54562	43.365	ug/l #	100
73) Isopropylbenzene	10.488	105	303155	46.332	ug/l	100
74) N-amyl acetate	10.320	43	134609	45.603	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.784	83	122879	47.400	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	104227m	34.321	ug/l	
77) Bromobenzene	10.784	156	72337	45.534	ug/l	97
78) n-propylbenzene	10.909	91	368298	45.226	ug/l	100
79) 2-Chlorotoluene	10.989	91	220405	45.810	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	263355	46.067	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	32653	36.108	ug/l	97
82) 4-Chlorotoluene	11.099	91	257476	45.632	ug/l	100
83) tert-Butylbenzene	11.423	119	249470	45.778	ug/l	98
84) 1,2,4-Trimethylbenzene	11.468	105	264882	46.620	ug/l	99
85) sec-Butylbenzene	11.645	105	326399	45.161	ug/l	100
86) p-Isopropyltoluene	11.796	119	272786	45.167	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	140017	43.683	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	141356	43.604	ug/l	99
89) n-Butylbenzene	12.211	91	247525	42.546	ug/l	99
90) Hexachloroethane	12.478	117	44972	41.277	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	142749	45.775	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	28189	46.084	ug/l	95
93) 1,2,4-Trichlorobenzene	13.841	180	93269	43.256	ug/l	99
94) Hexachlorobutadiene	14.025	225	37168	39.933	ug/l	98
95) Naphthalene	14.089	128	355475	43.979	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	97722	45.628	ug/l	98

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Manual Integrations
APPROVED

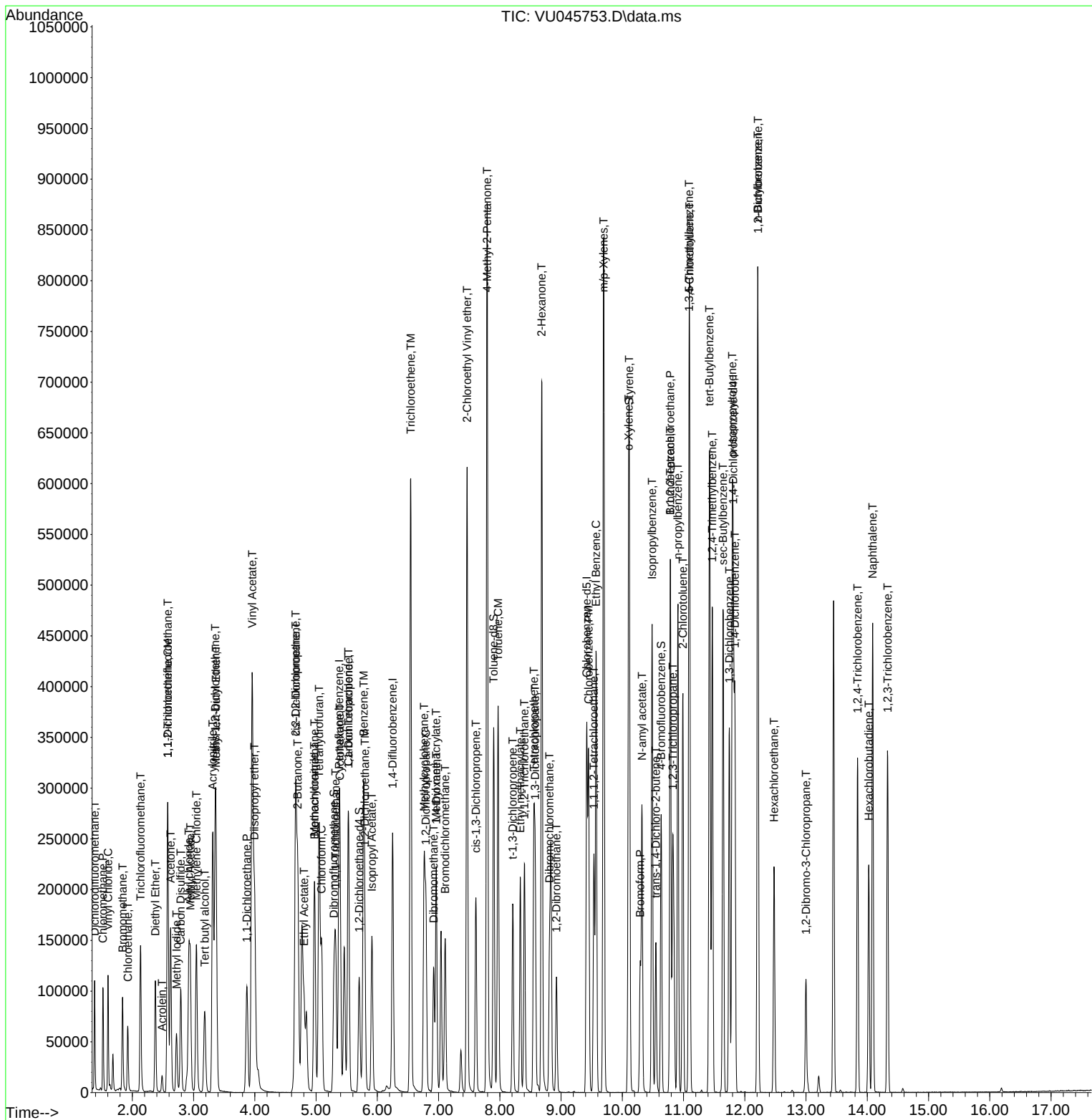
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

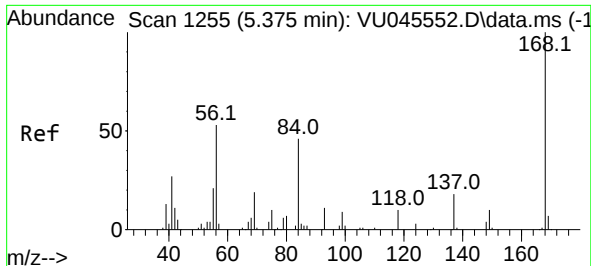
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

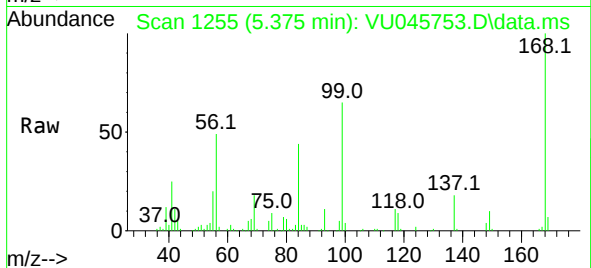
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

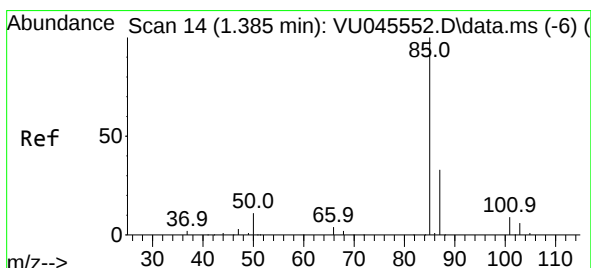
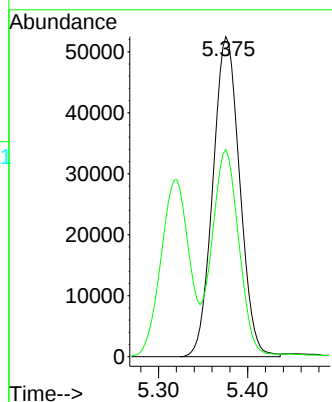
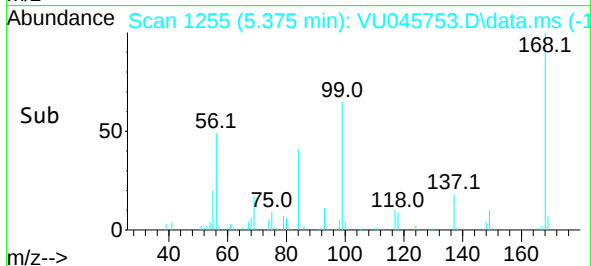
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MSD



Tgt Ion:168 Resp: 109750
Ion Ratio Lower Upper
168 100
99 63.9 51.0 76.6

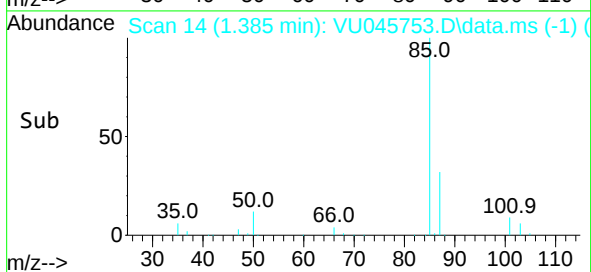
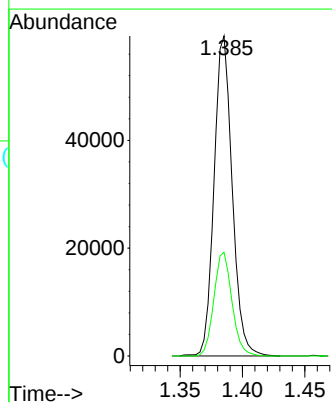
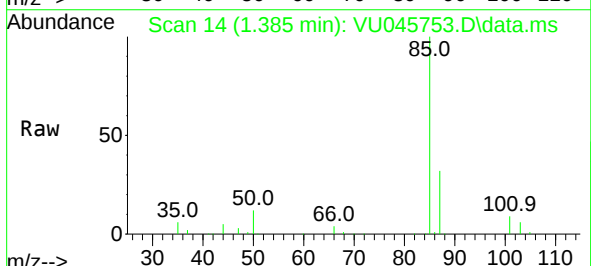
Manual Integrations
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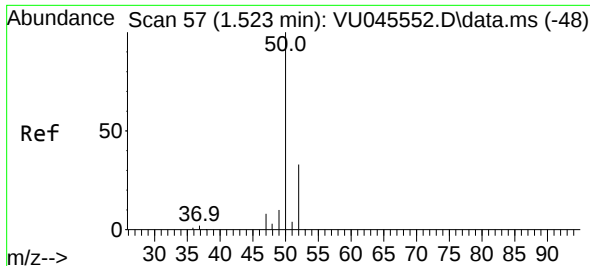
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#2
Dichlorodifluoromethane
Concen: 42.276 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

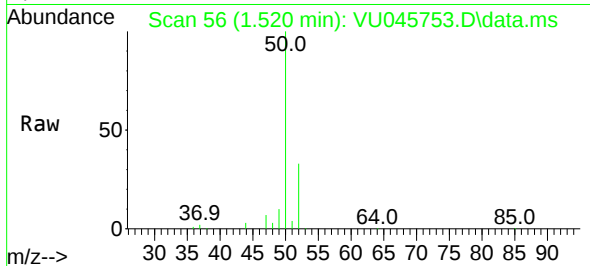
Tgt Ion: 85 Resp: 60161
Ion Ratio Lower Upper
85 100
87 32.4 15.9 47.7





#3
Chloromethane
Concen: 41.844 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

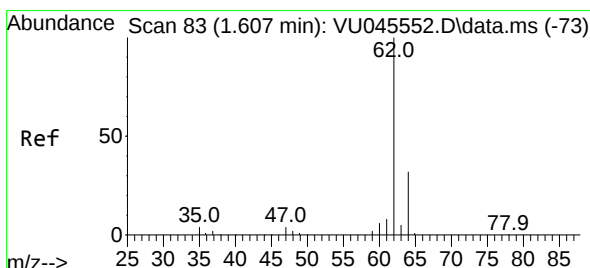
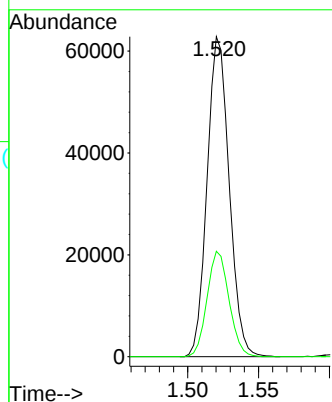
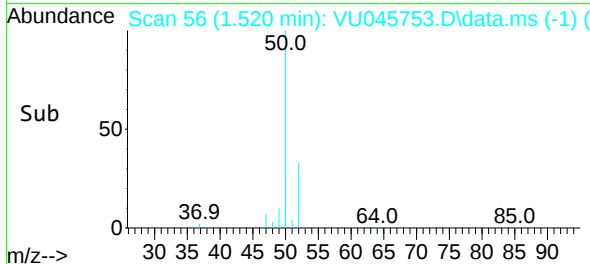
Instrument :
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ClientSampleId :
56BR-20211108MSD



Tgt Ion: 50 Resp: 6813
Ion Ratio Lower Upper
50 100
52 33.0 26.6 40.0

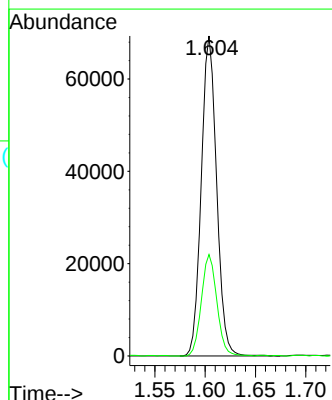
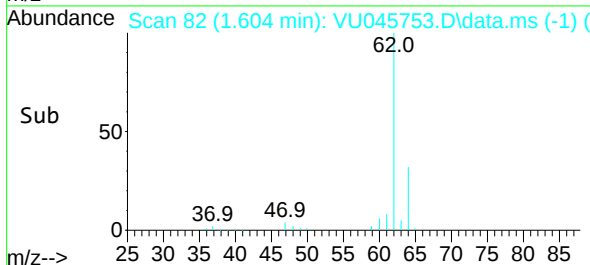
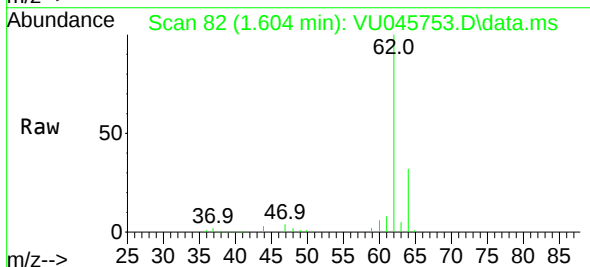
Manual Integrations
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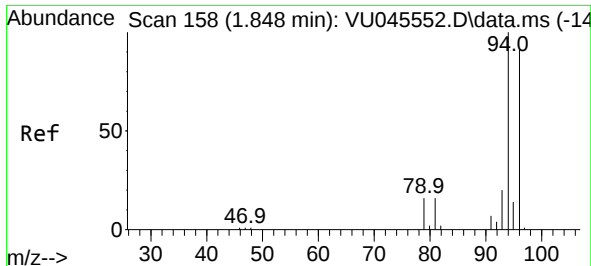
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#4
Vinyl Chloride
Concen: 46.372 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

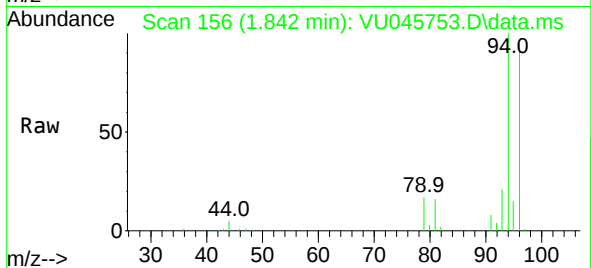
Tgt Ion: 62 Resp: 73549
Ion Ratio Lower Upper
62 100
64 31.7 25.8 38.6





#5
Bromomethane
Concen: 47.710 ug/l
RT: 1.842 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

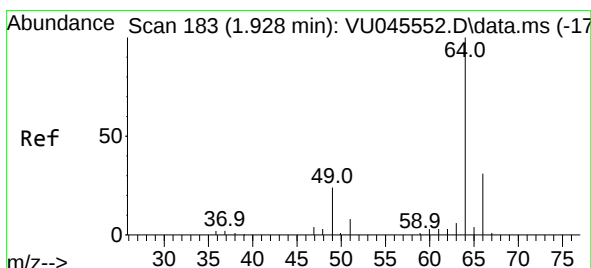
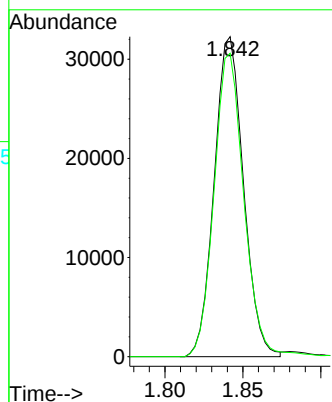
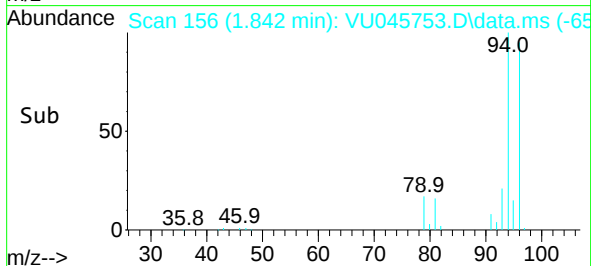
Instrument :
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Tgt Ion: 94 Resp: 4220
Ion Ratio Lower Upper
94 100
96 94.8 75.4 113.2

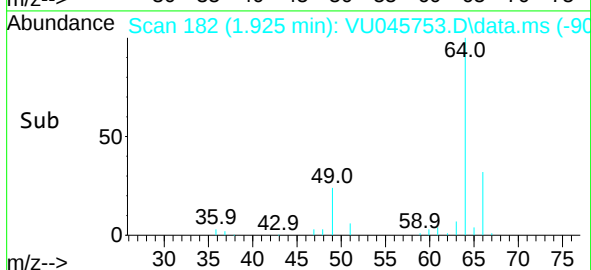
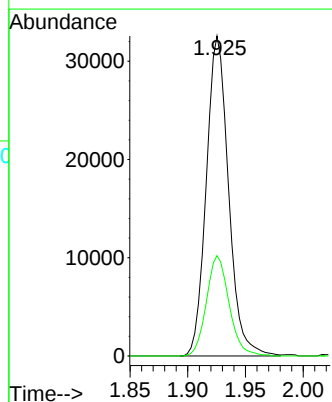
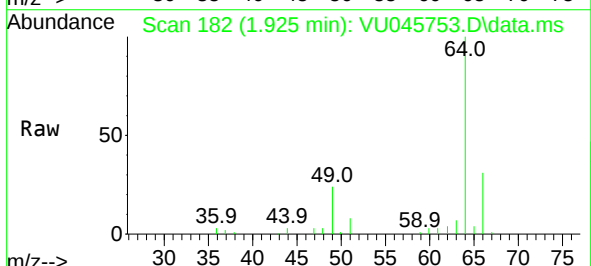
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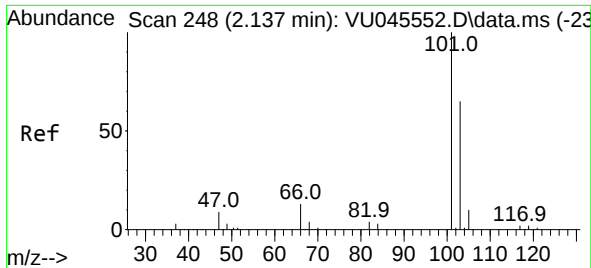
Reviewed By :John Carlone 11/12/2021
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#6
Chloroethane
Concen: 42.246 ug/l
RT: 1.925 min Scan# 182
Delta R.T. -0.003 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

Tgt Ion: 64 Resp: 43729
Ion Ratio Lower Upper
64 100
66 31.4 26.7 40.1





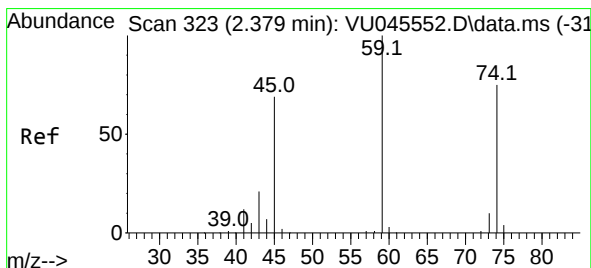
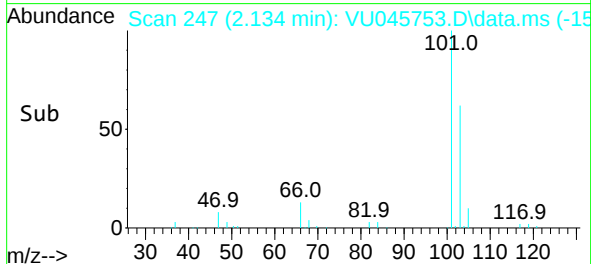
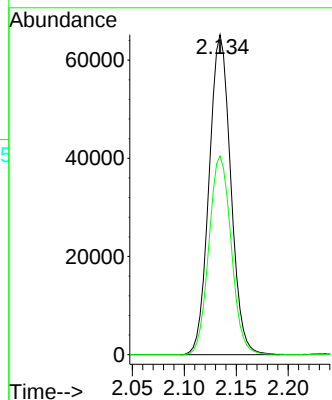
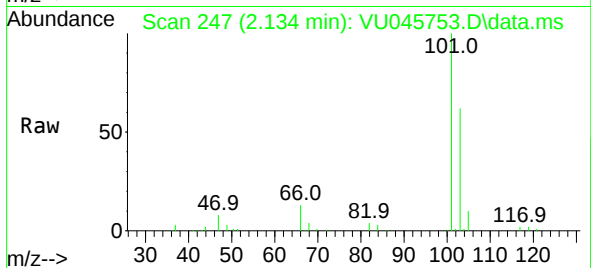
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 Trichlorofluoromethane
 Concen: 45.036 ug/l
 RT: 2.134 min Scan# 248
 Delta R.T. -0.003 min
 Lab File: VU045753.D
 Acq: 11 Nov 2021 20:51

Instrument :
 MSVOA_U
 ClientSampleId :
 56BR-20211108MSD

Tgt Ion:101 Resp: 94458
 Ion Ratio Lower Upper
 101 100
 103 62.1 51.4 77.0

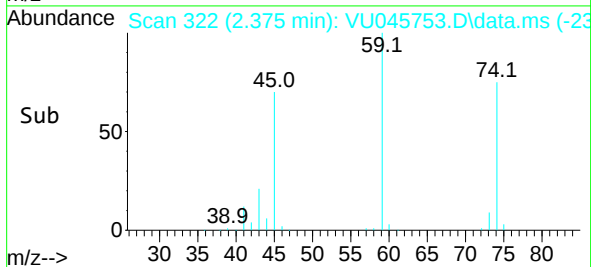
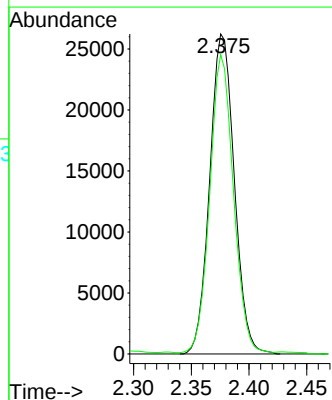
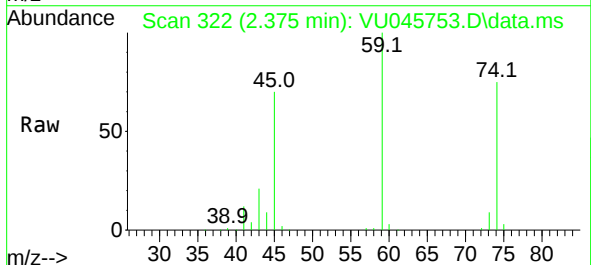
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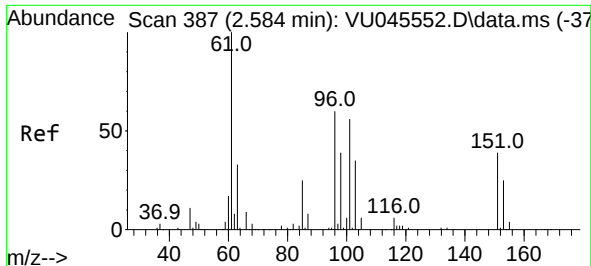
Reviewed By :John Carlone 11/12/2021
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#8
 Diethyl Ether
 Concen: 46.771 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. -0.003 min
 Lab File: VU045753.D
 Acq: 11 Nov 2021 20:51

Tgt Ion: 74 Resp: 38831
 Ion Ratio Lower Upper
 74 100
 45 89.3 47.3 141.8





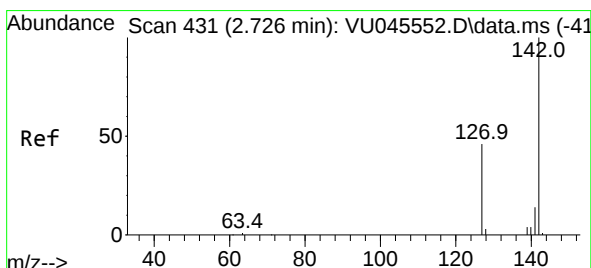
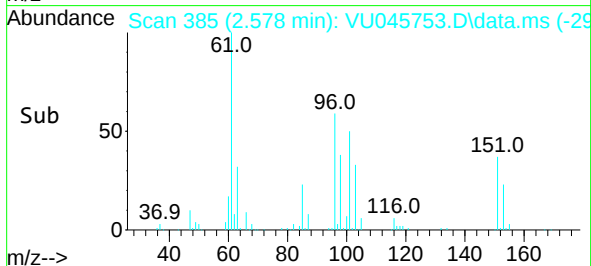
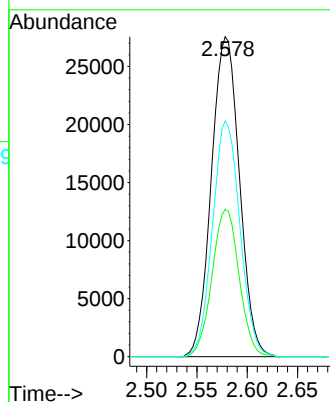
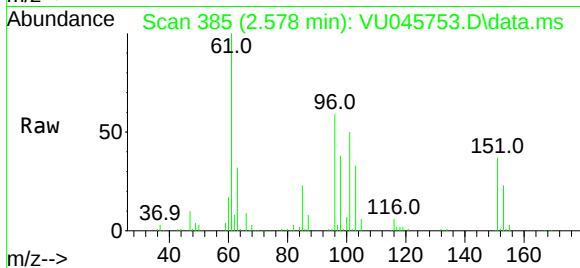
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.755 ug/l
RT: 2.578 min Scan# 31
Delta R.T. -0.006 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MSD

Tgt Ion:101 Resp: 5358
Ion Ratio Lower Upper
101 100
85 44.4 35.0 52.4
151 72.1 54.6 82.0

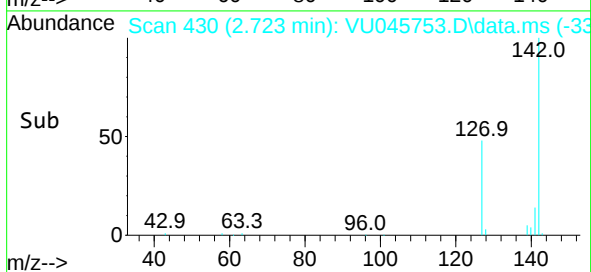
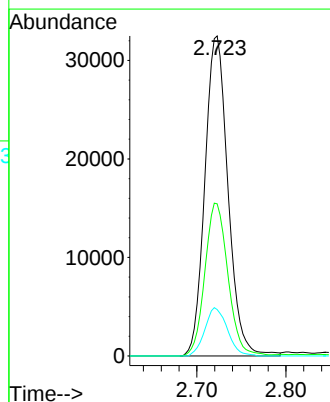
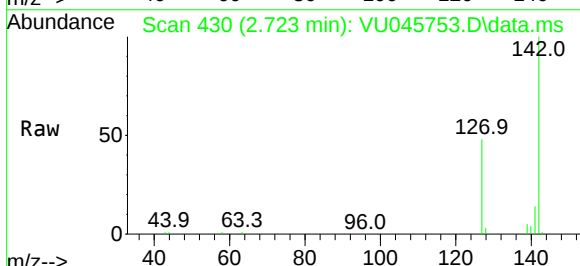
Manual Integrations
APPROVED

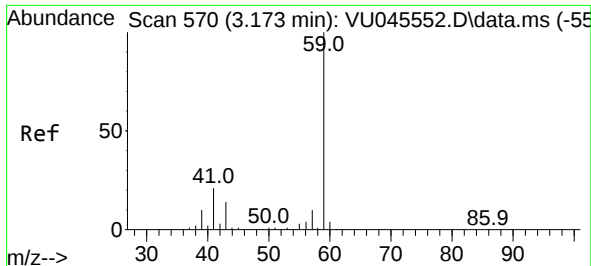
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#10
Methyl Iodide
Concen: 36.576 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

Tgt Ion:142 Resp: 58620
Ion Ratio Lower Upper
142 100
127 47.6 32.2 48.2
141 14.7 11.3 16.9





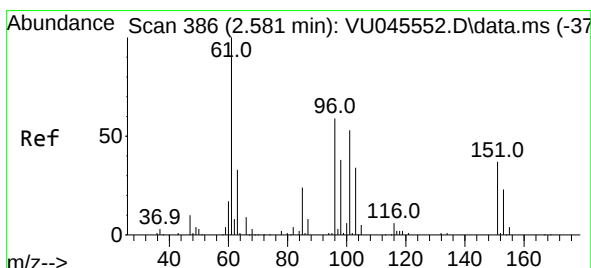
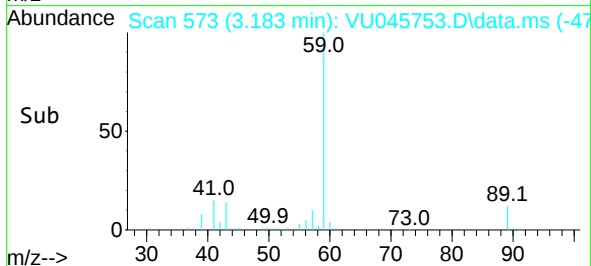
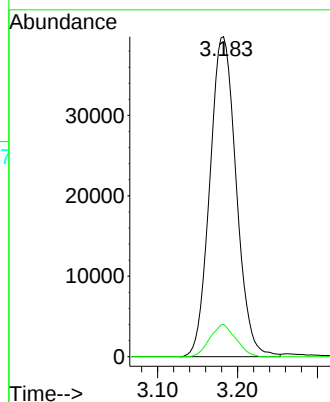
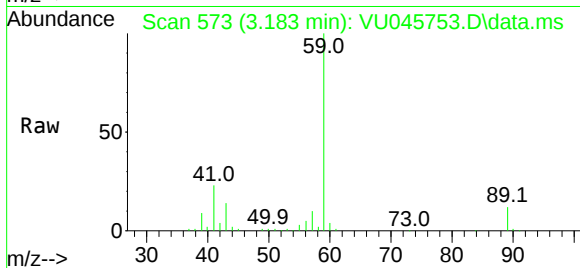
#11
Tert butyl alcohol
Concen: 280.302 ug/l
RT: 3.183 min Scan# 51
Delta R.T. 0.010 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MSD

Tgt Ion: 59 Resp: 9119
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5

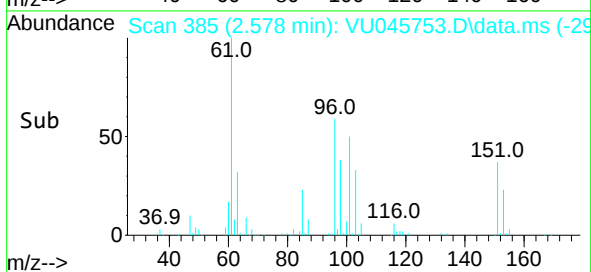
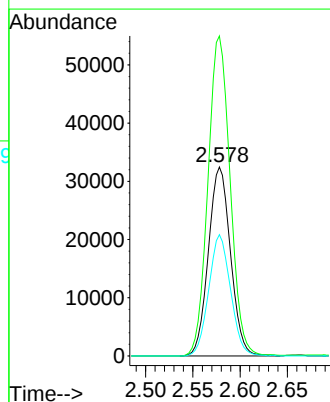
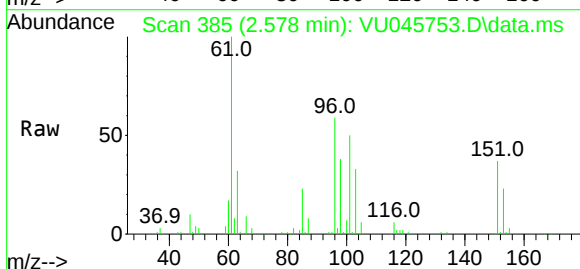
Manual Integrations
APPROVED

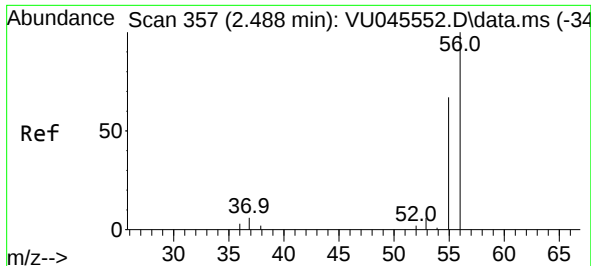
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#12
1,1-Dichloroethene
Concen: 43.772 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

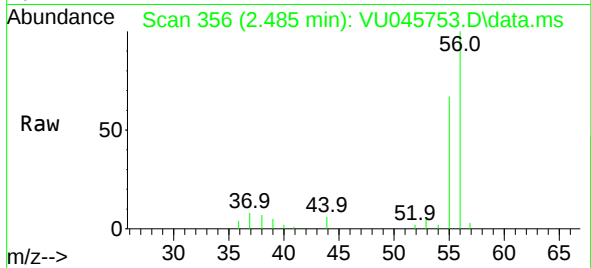
Tgt Ion: 96 Resp: 52855
Ion Ratio Lower Upper
96 100
61 169.3 137.1 205.7
98 64.2 51.5 77.3





#13
Acrolein
Concen: 257.939 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

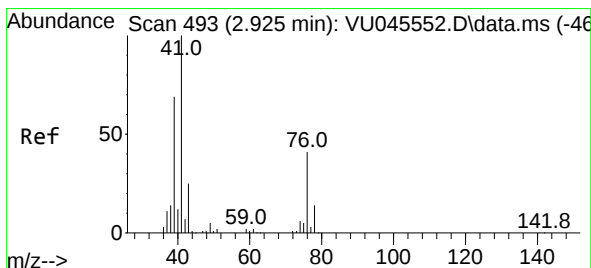
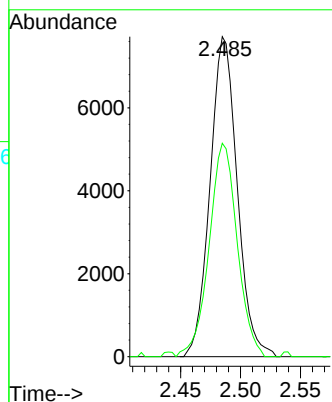
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MSD



Tgt Ion: 56 Resp: 1216
Ion Ratio Lower Upper
56 100
55 68.9 56.3 84.5

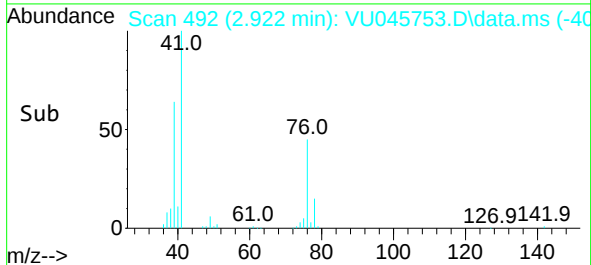
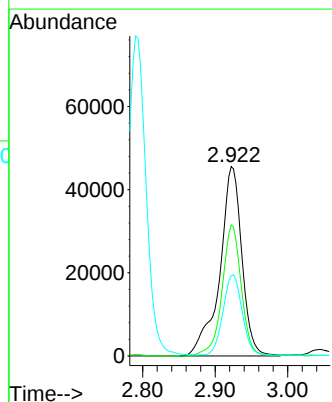
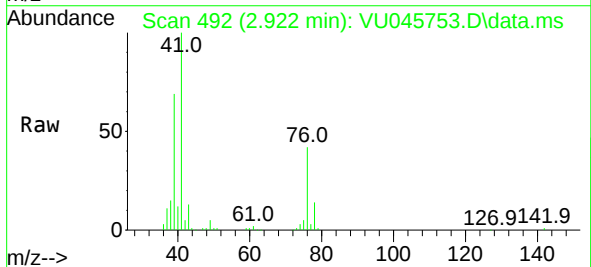
Manual Integrations
APPROVED

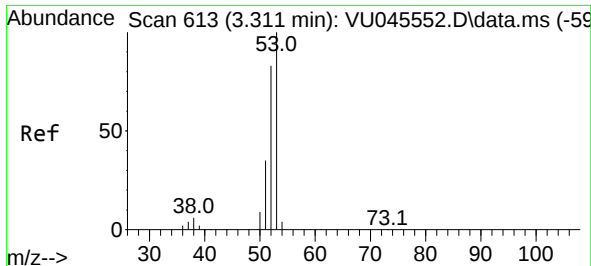
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#14
Allyl chloride
Concen: 44.836 ug/l
RT: 2.922 min Scan# 492
Delta R.T. -0.003 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

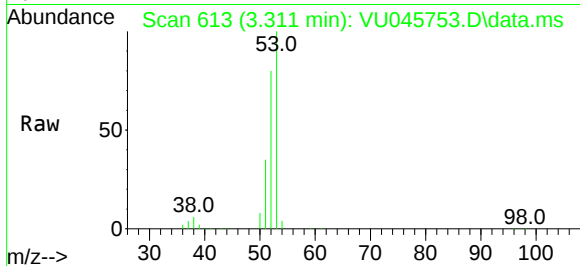
Tgt Ion: 41 Resp: 96671
Ion Ratio Lower Upper
41 100
39 59.9 49.7 74.5
76 36.5 27.7 41.5





#15
Acrylonitrile
Concen: 252.253 ug/l
RT: 3.311 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

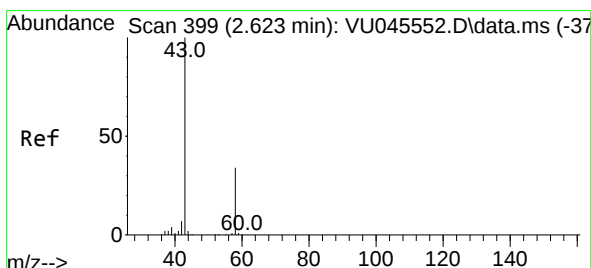
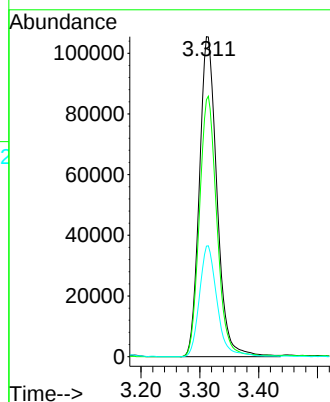
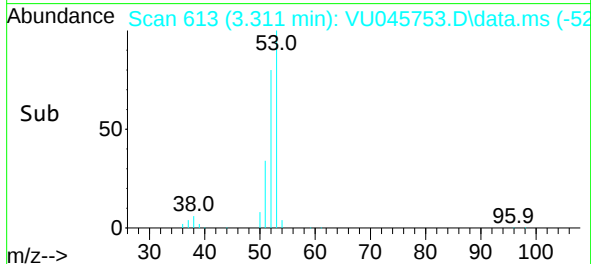
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MSD



Tgt Ion: 53 Resp: 21911
Ion Ratio Lower Upper
53 100
52 80.6 66.6 100.0
51 34.7 28.4 42.6

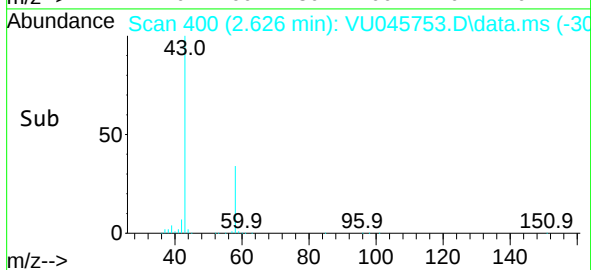
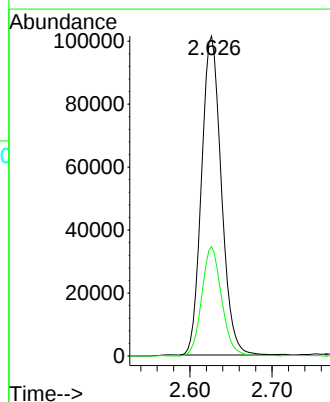
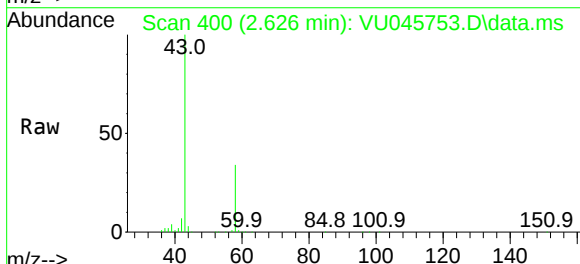
Manual Integrations
APPROVED

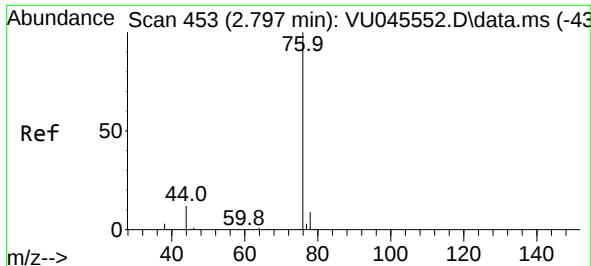
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#16
Acetone
Concen: 203.067 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

Tgt Ion: 43 Resp: 169913
Ion Ratio Lower Upper
43 100
58 34.2 26.2 39.2





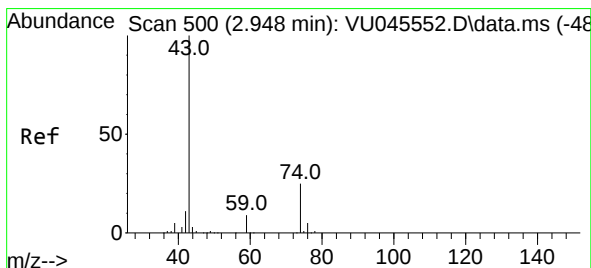
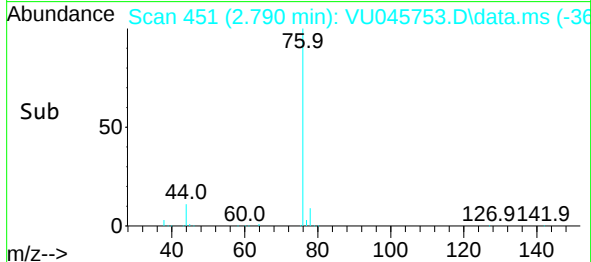
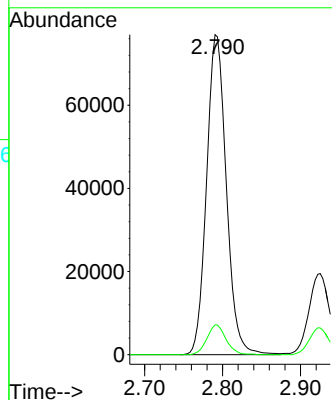
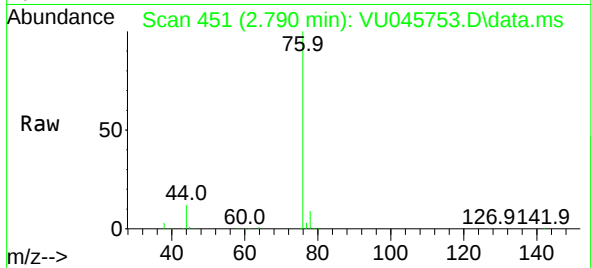
#17
Carbon Disulfide
Concen: 40.015 ug/l
RT: 2.790 min Scan# 41
Delta R.T. -0.006 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MSD

Tgt Ion: 76 Resp: 135338
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

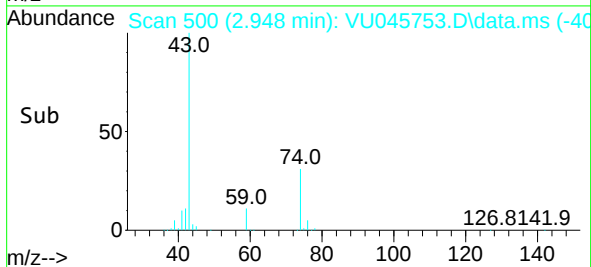
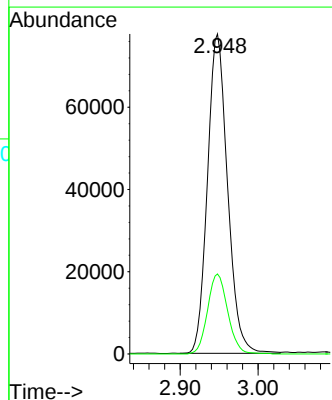
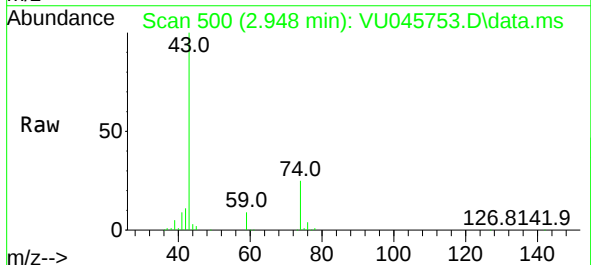
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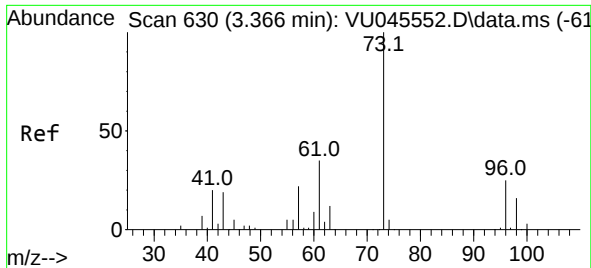
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#18
Methyl Acetate
Concen: 48.704 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

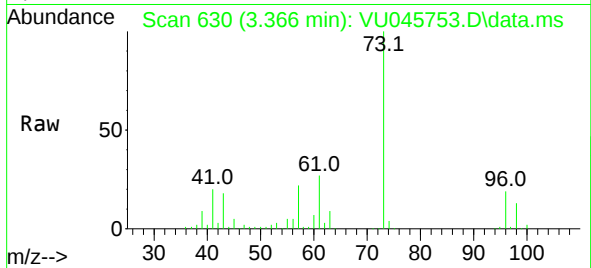
Tgt Ion: 43 Resp: 138803
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2





#19
Methyl tert-butyl Ether
Concen: 48.198 ug/l
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

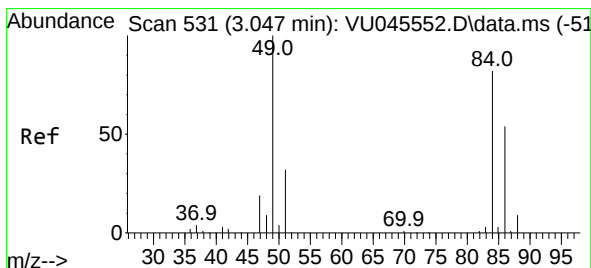
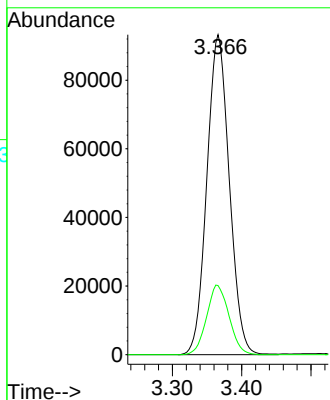
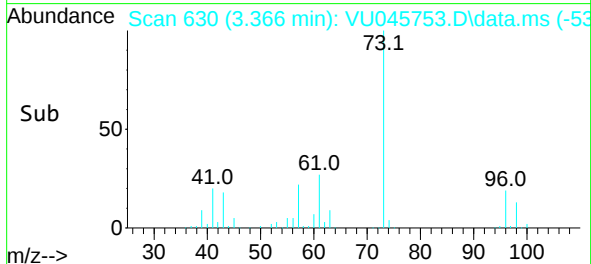
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MSD



Tgt Ion: 73 Resp: 209494
Ion Ratio Lower Upper
73 100
57 21.6 18.1 27.1

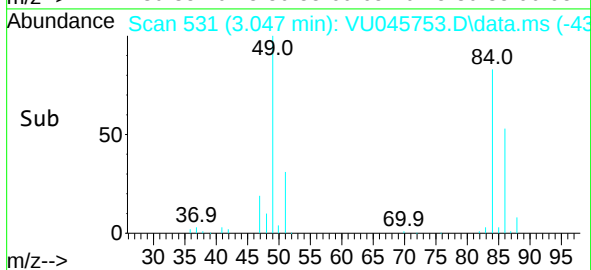
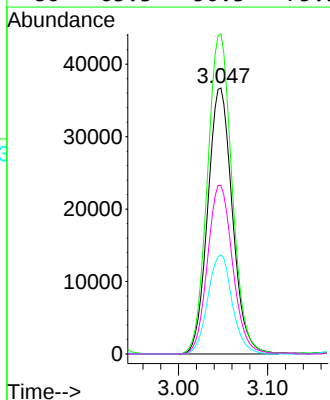
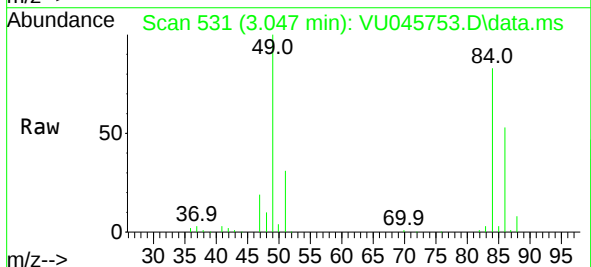
Manual Integrations
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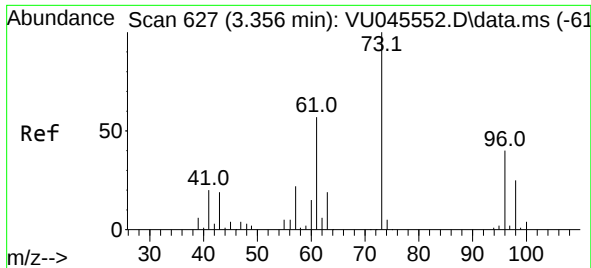
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#20
Methylene Chloride
Concen: 48.505 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

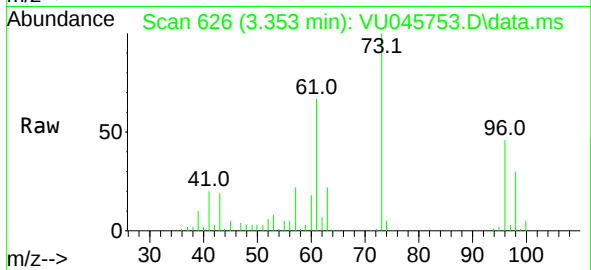
Tgt Ion: 84 Resp: 70521
Ion Ratio Lower Upper
84 100
49 120.4 96.4 144.6
51 37.3 30.5 45.7
86 63.3 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 46.344 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

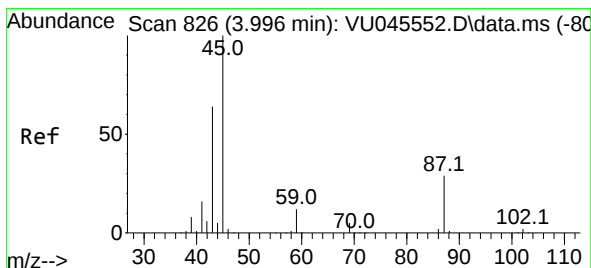
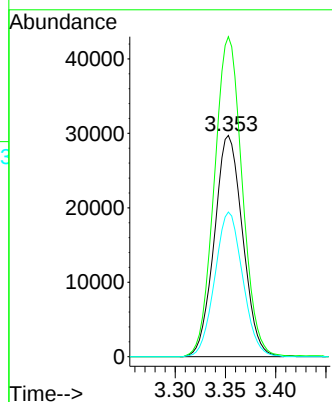
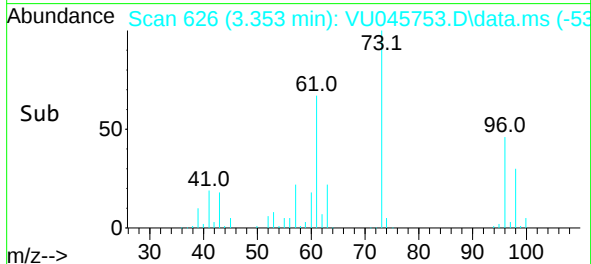
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MSD



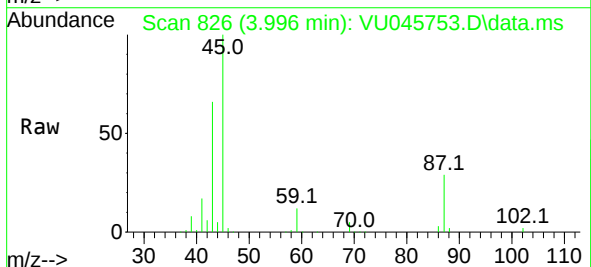
Tgt Ion: 96 Resp: 58218
Ion Ratio Lower Upper
96 100
61 144.7 118.2 177.4
98 65.4 52.1 78.1

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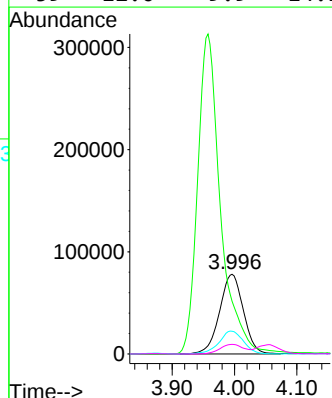
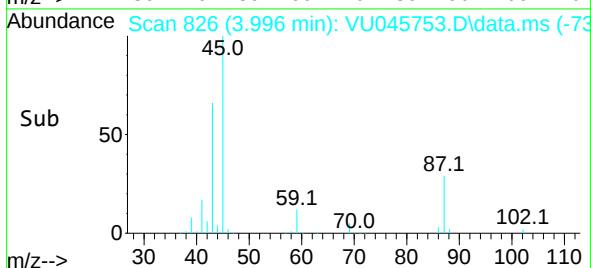
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

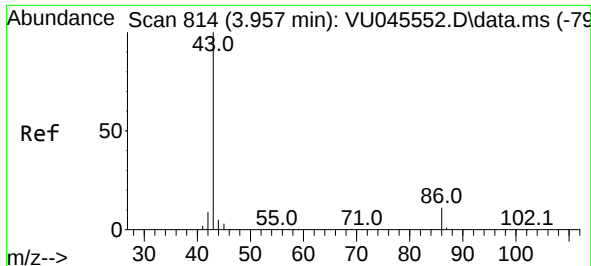


#22
Diisopropyl ether
Concen: 48.902 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51



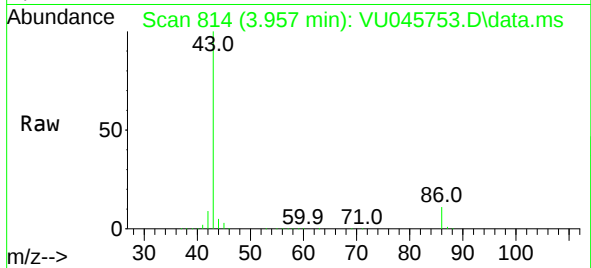
Tgt Ion: 45 Resp: 207029
Ion Ratio Lower Upper
45 100
43 64.2 60.0 90.0
87 28.6 22.3 33.5
59 12.0 9.9 14.9





#23
 Vinyl Acetate
 Concen: 246.121 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU045753.D
 Acq: 11 Nov 2021 20:51

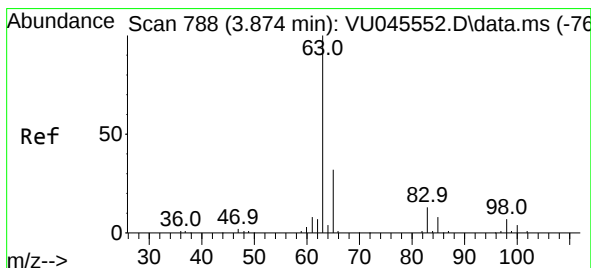
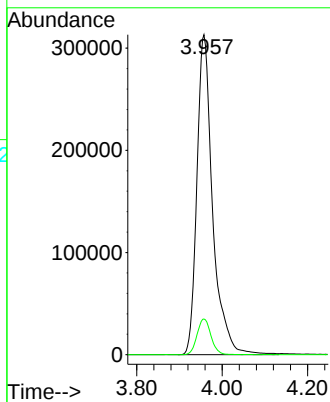
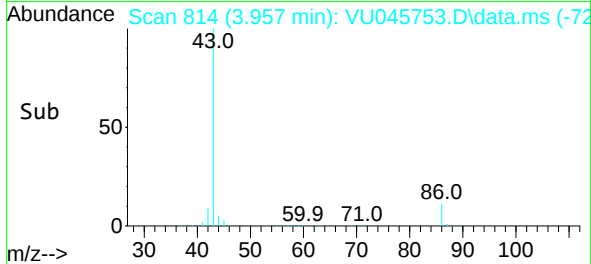
Instrument :
 MSVOA_U
 ClientSampleId :
 56BR-20211108MSD



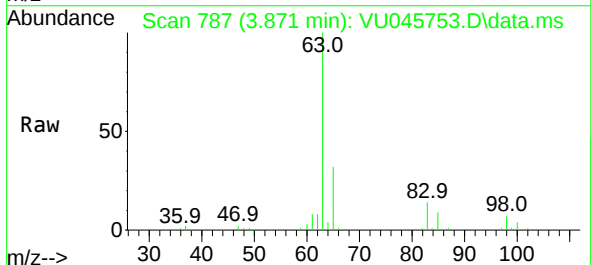
Tgt Ion: 43 Resp: 801385
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.9 13.3

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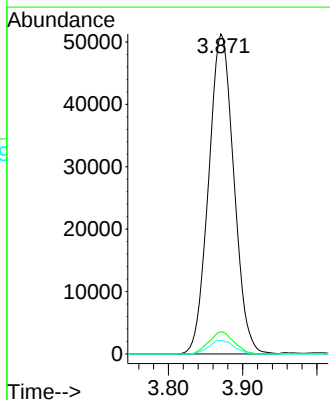
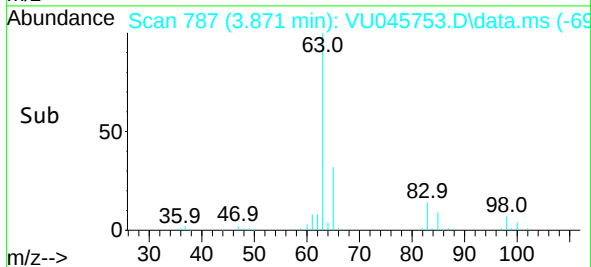
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#24
 1,1-Dichloroethane
 Concen: 47.993 ug/l
 RT: 3.871 min Scan# 787
 Delta R.T. -0.003 min
 Lab File: VU045753.D
 Acq: 11 Nov 2021 20:51



Tgt Ion: 63 Resp: 121075
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.6
 100 4.1 2.4 7.2





#25

2-Butanone

Concen: 239.986 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU045753.D

Acq: 11 Nov 2021 20:51

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MSD

Tgt Ion: 43 Resp: 278508

Ion Ratio Lower Upper

43 100

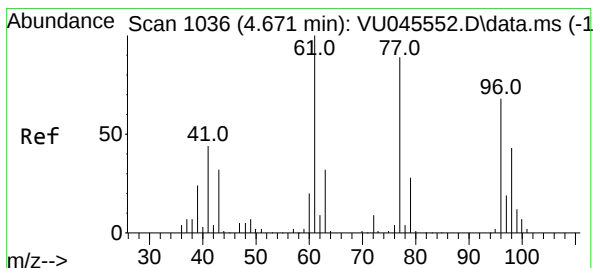
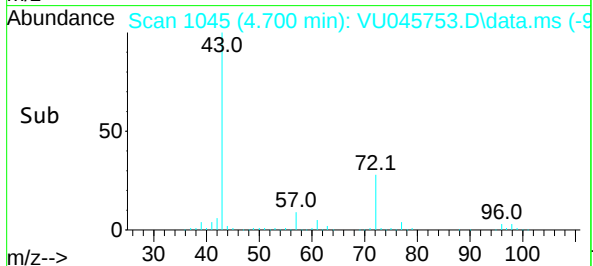
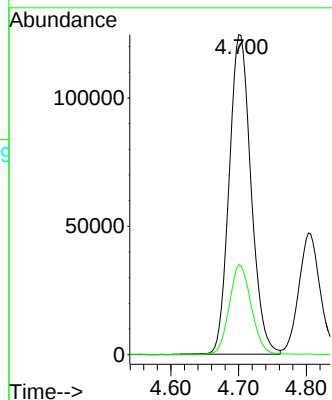
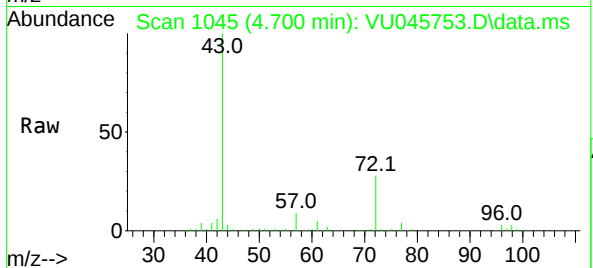
72 28.2 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#26

2,2-Dichloropropane

Concen: 41.101 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045753.D

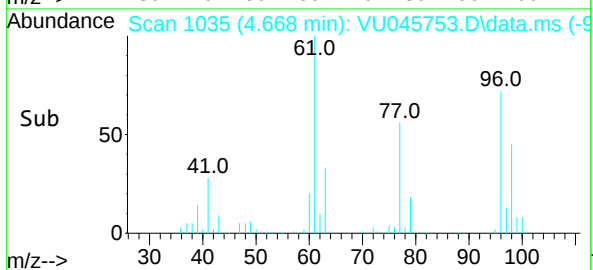
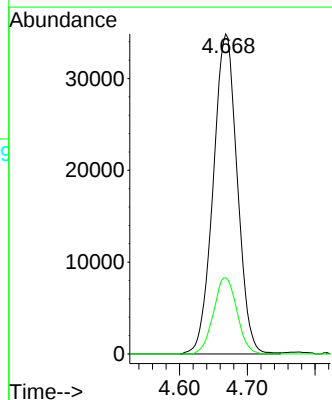
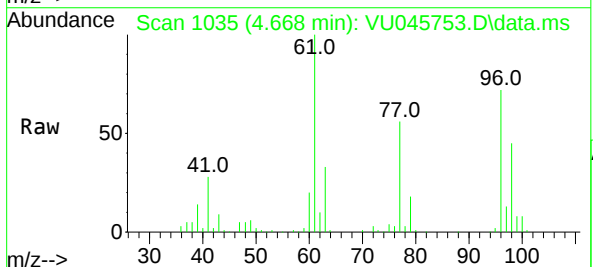
Acq: 11 Nov 2021 20:51

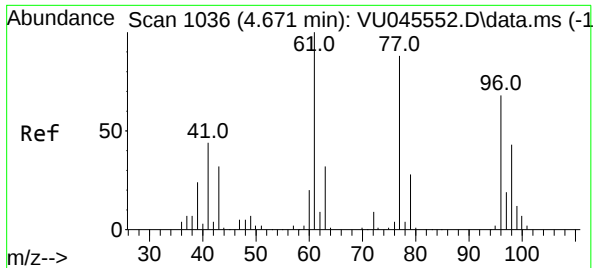
Tgt Ion: 77 Resp: 85923

Ion Ratio Lower Upper

77 100

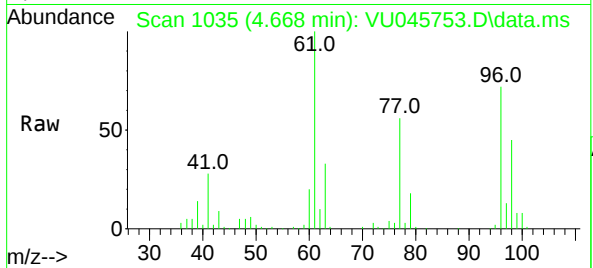
97 23.2 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 65.633 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU045753.D
 Acq: 11 Nov 2021 20:51

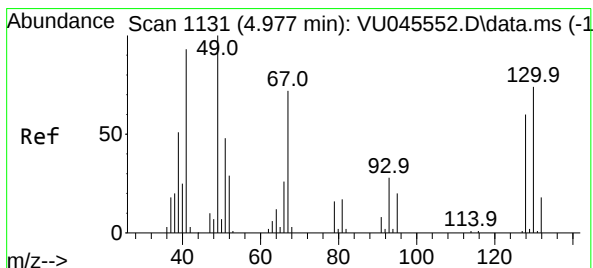
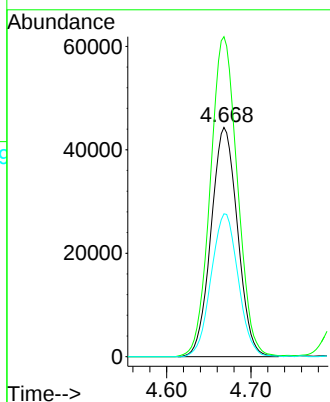
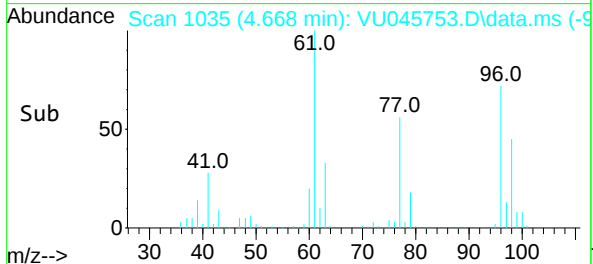
Instrument :
 MSVOA_U
 ClientSampleId :
 56BR-20211108MSD



Tgt Ion: 96 Resp: 96840
 Ion Ratio Lower Upper
 96 100
 61 142.7 0.0 299.2
 98 63.7 0.0 127.6

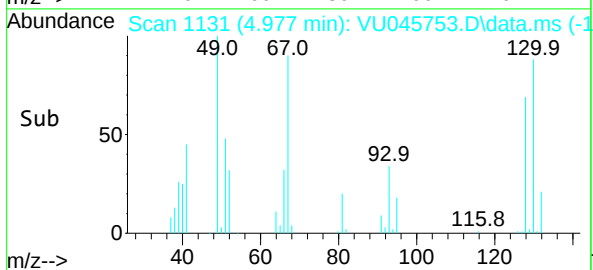
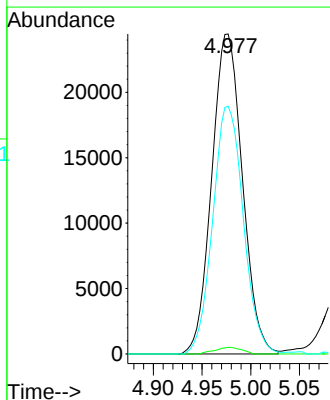
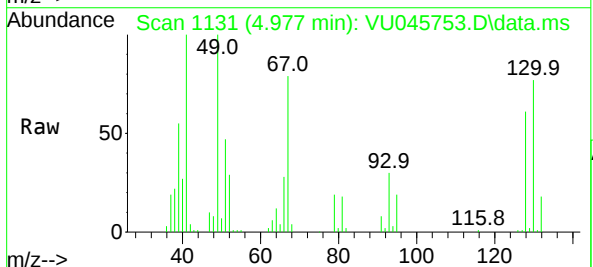
Manual Integrations
 APPROVED

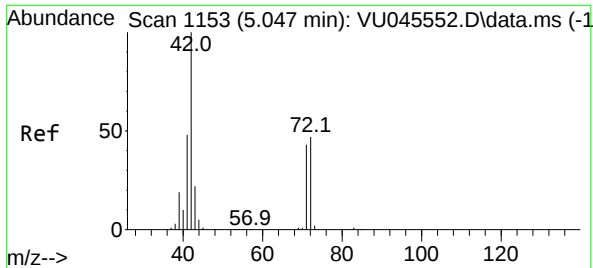
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#28
 Bromochloromethane
 Concen: 44.463 ug/l
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU045753.D
 Acq: 11 Nov 2021 20:51

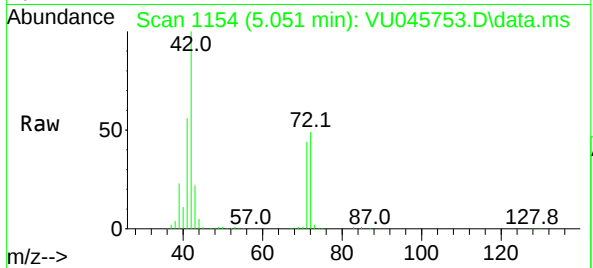
Tgt Ion: 49 Resp: 53477
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 77.3 57.5 86.3





#29
Tetrahydrofuran
Concen: 248.972 ug/l
RT: 5.051 min Scan# 1153
Delta R.T. 0.003 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

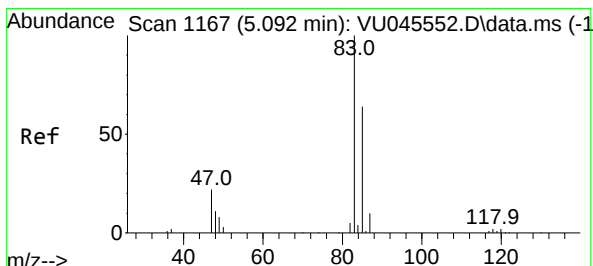
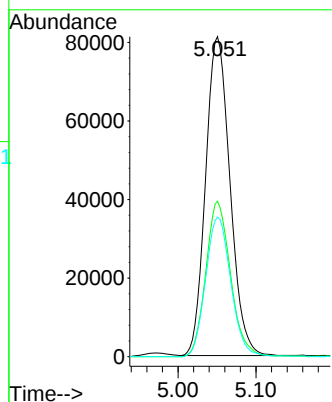
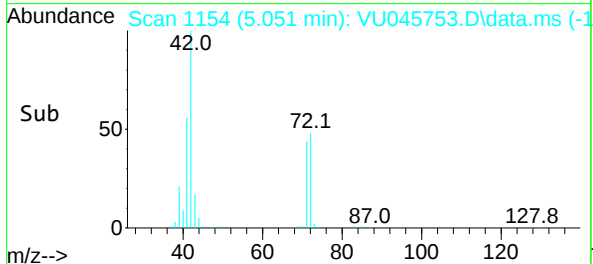
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MSD



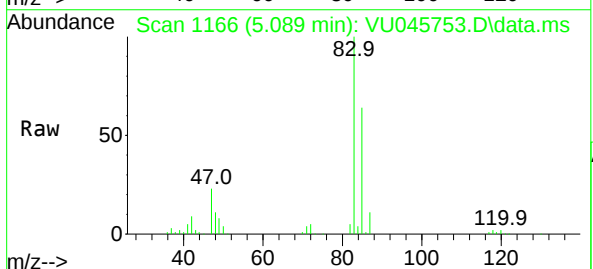
Tgt Ion: 42 Resp: 176738
Ion Ratio Lower Upper
42 100
72 49.3 38.2 57.4
71 45.3 35.4 53.2

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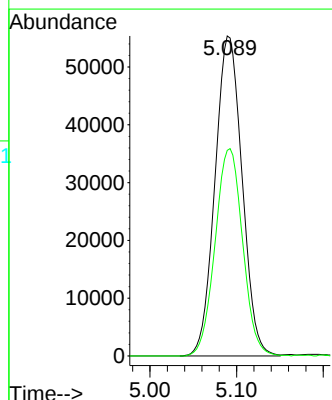
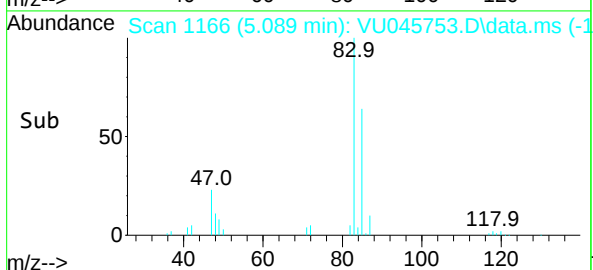
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#30
Chloroform
Concen: 48.245 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51



Tgt Ion: 83 Resp: 120372
Ion Ratio Lower Upper
83 100
85 64.2 52.0 78.0





#31

Cyclohexane

Concen: 40.255 ug/l

RT: 5.391 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045753.D

Acq: 11 Nov 2021 20:51

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MSD

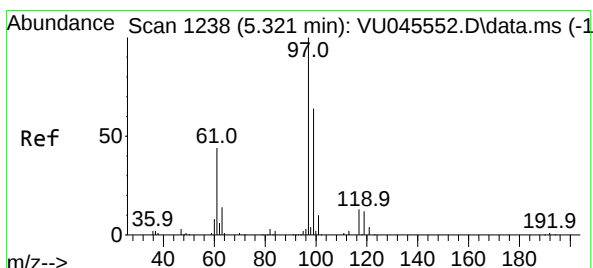
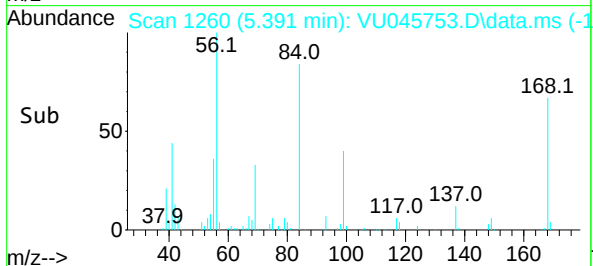
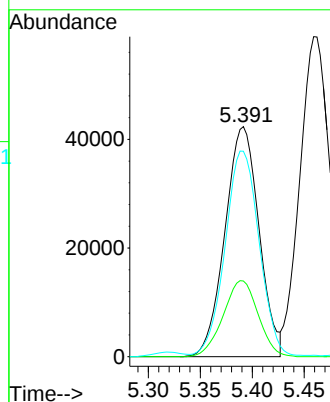
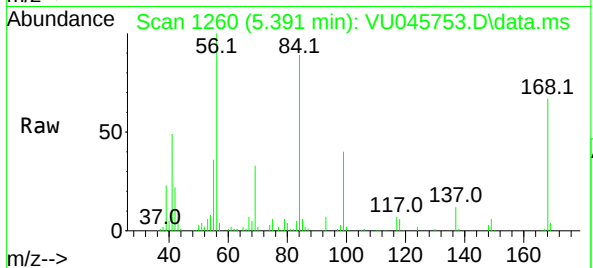
Tgt Ion: 56	Resp: 9654
Ion Ratio	Lower Upper
56	100
69	32.8 26.4 39.6
84	87.9 68.4 102.6

Manual Integrations

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Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#32

1,1,1-Trichloroethane

Concen: 48.607 ug/l

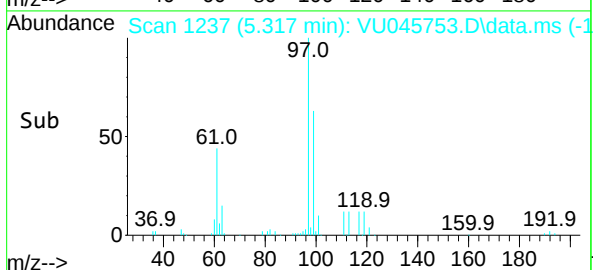
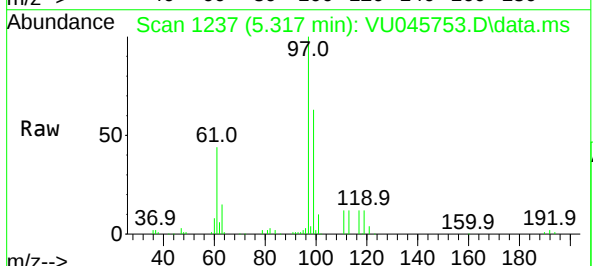
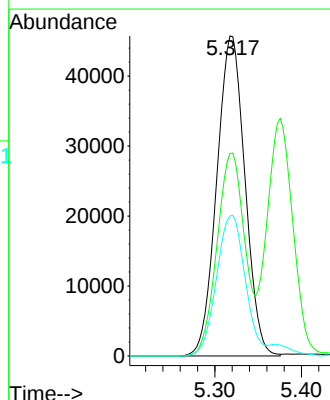
RT: 5.317 min Scan# 1237

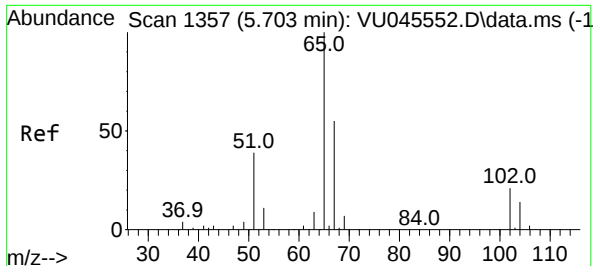
Delta R.T. -0.003 min

Lab File: VU045753.D

Acq: 11 Nov 2021 20:51

Tgt Ion: 97	Resp: 103421
Ion Ratio	Lower Upper
97	100
99	62.5 50.8 76.2
61	44.9 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 49.730 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045753.D

Acq: 11 Nov 2021 20:51

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MSD

Tgt Ion: 65 Resp: 8174

Ion Ratio Lower Upper

65 100

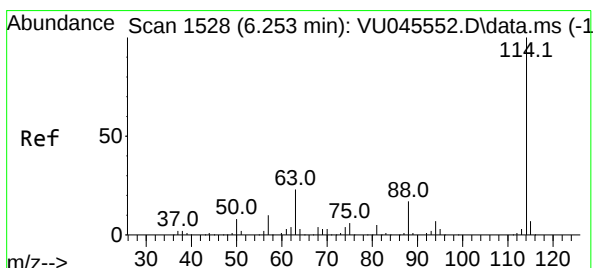
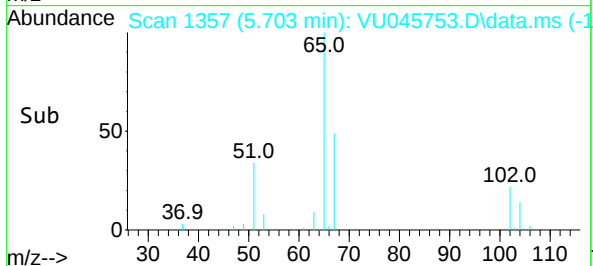
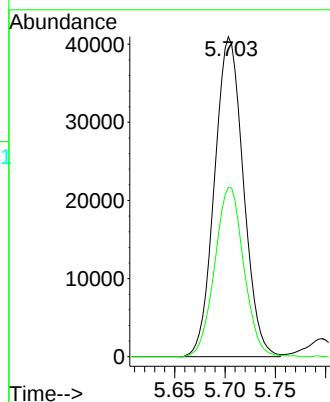
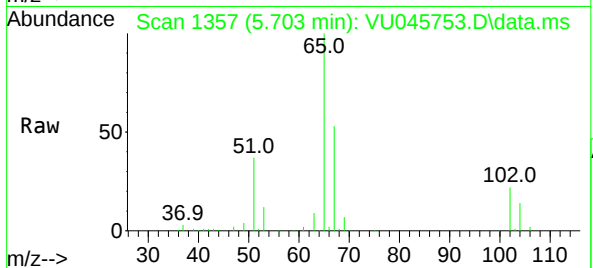
67 53.3 0.0 105.8

Manual Integrations

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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: VU045753.D

Acq: 11 Nov 2021 20:51

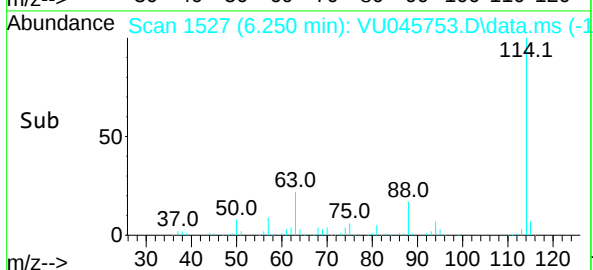
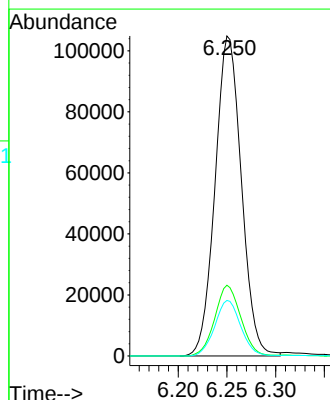
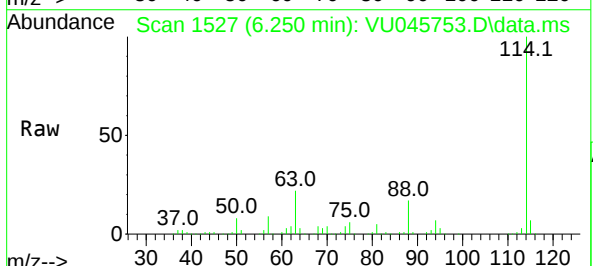
Tgt Ion:114 Resp: 196455

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.6

88 17.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.738 ug/l

RT: 5.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045753.D

Acq: 11 Nov 2021 20:51

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MSD

Tgt Ion:113 Resp: 63920

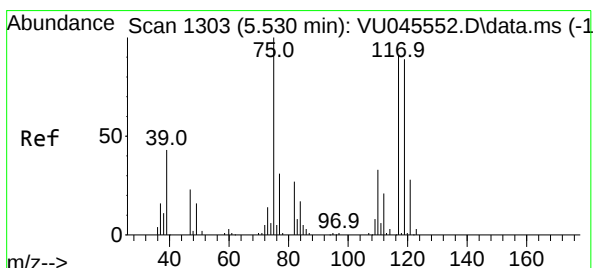
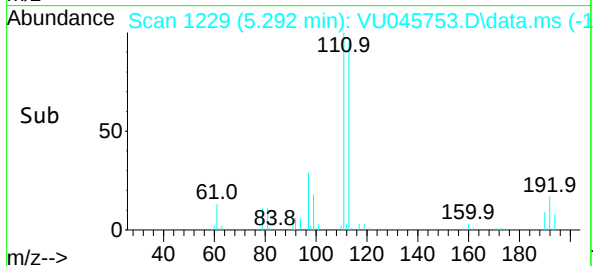
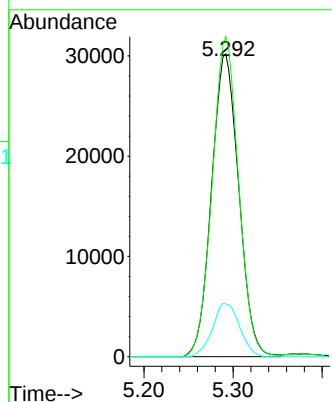
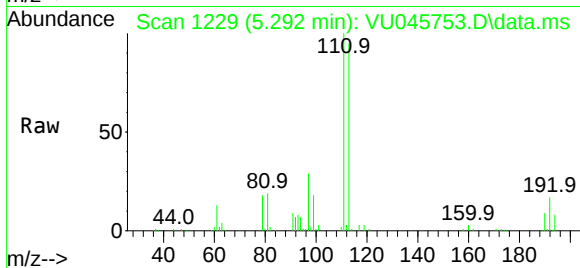
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.8	124.2
192	17.5	14.8	22.2

Manual Integrations

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Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#36

1,1-Dichloropropene

Concen: 42.996 ug/l

RT: 5.530 min Scan# 1303

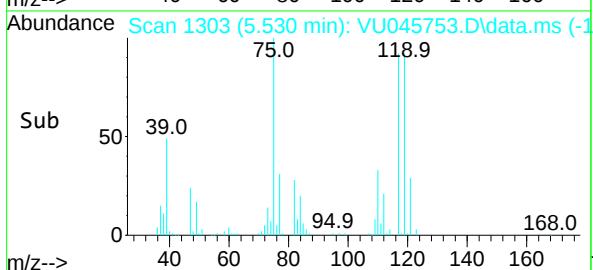
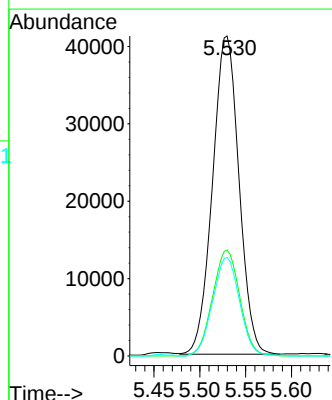
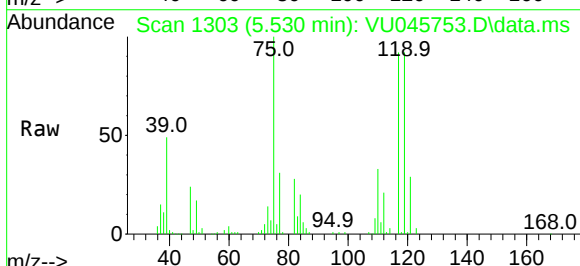
Delta R.T. 0.000 min

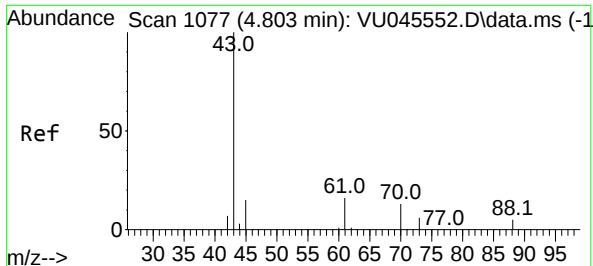
Lab File: VU045753.D

Acq: 11 Nov 2021 20:51

Tgt Ion: 75 Resp: 82363

Ion	Ratio	Lower	Upper
75	100		
110	34.3	16.7	50.0
77	31.6	25.0	37.4





#37

Ethyl Acetate

Concen: 47.402 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VU045753.D

Acq: 11 Nov 2021 20:51

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MSD

Tgt Ion: 43 Resp: 104307

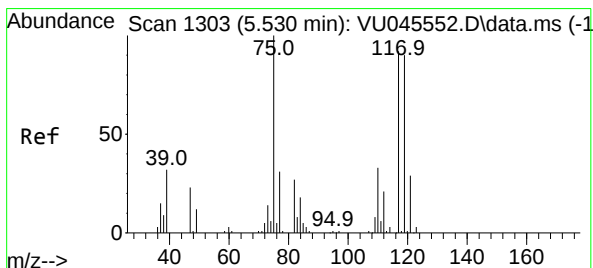
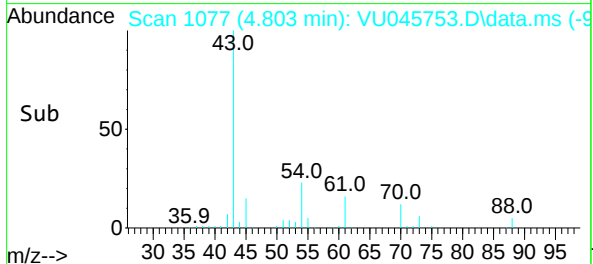
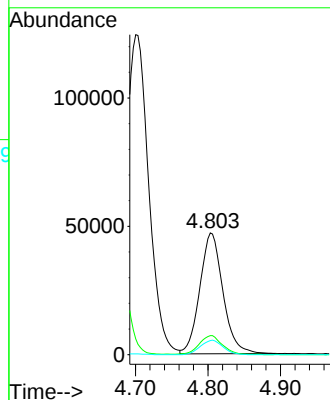
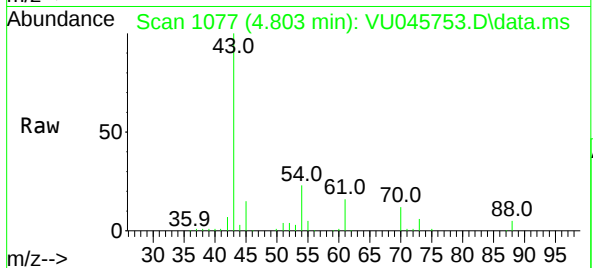
Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.6	17.4
70	11.6	9.1	13.7

Manual Integrations

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Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#38

Carbon Tetrachloride

Concen: 44.393 ug/l

RT: 5.526 min Scan# 1302

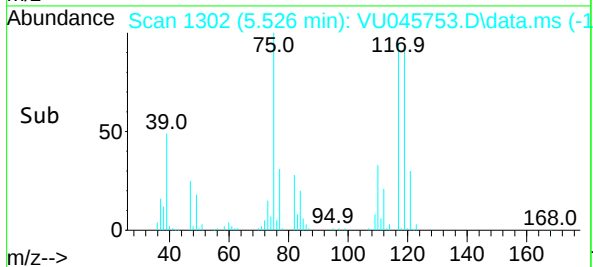
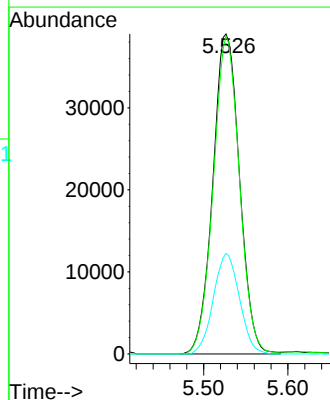
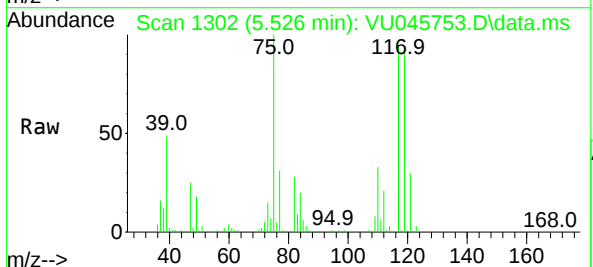
Delta R.T. -0.003 min

Lab File: VU045753.D

Acq: 11 Nov 2021 20:51

Tgt Ion:117 Resp: 85732

Ion	Ratio	Lower	Upper
117	100		
119	99.3	77.4	116.0
121	31.4	24.8	37.2





#39

Methylcyclohexane

Concen: 40.224 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045753.D

Acq: 11 Nov 2021 20:51

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MSD

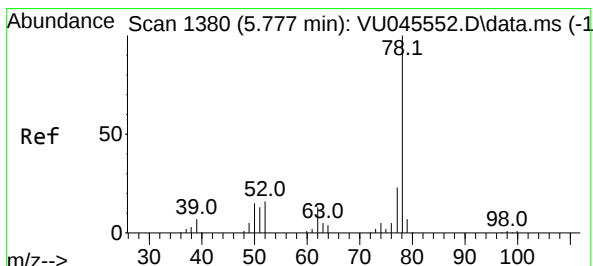
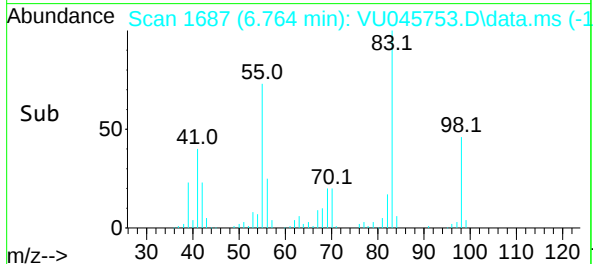
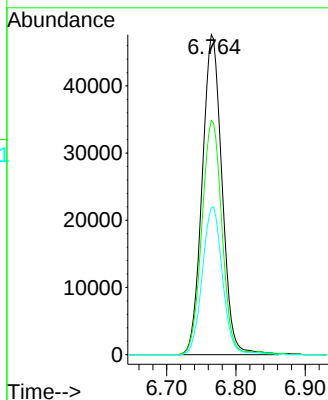
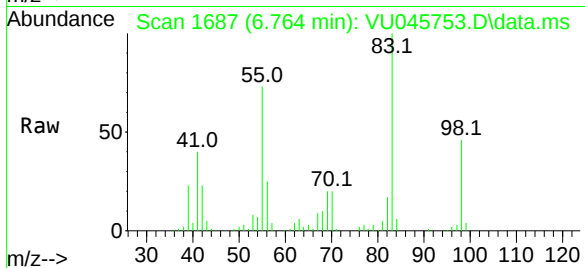
Tgt Ion: 83 Resp: 94528
 Ion Ratio Lower Upper
 83 100
 55 73.1 63.6 95.4
 98 45.9 37.1 55.7

Manual Integrations

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Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#40

Benzene

Concen: 44.800 ug/l

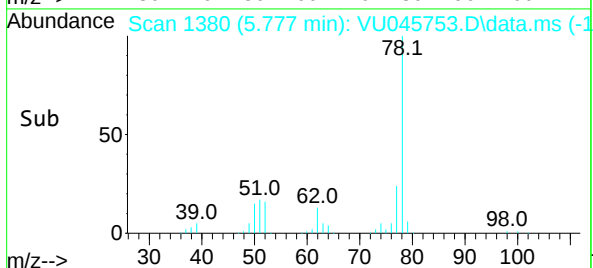
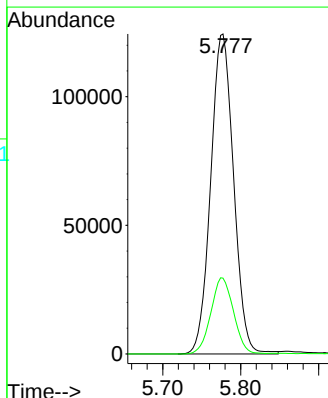
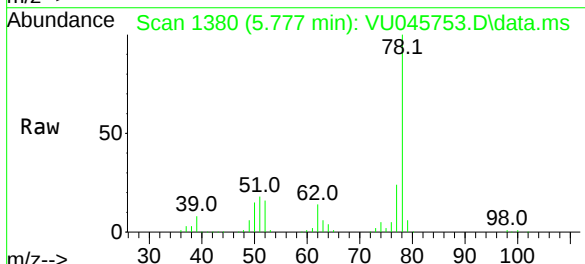
RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU045753.D

Acq: 11 Nov 2021 20:51

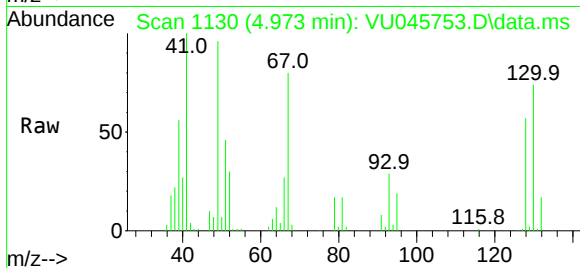
Tgt Ion: 78 Resp: 254079
 Ion Ratio Lower Upper
 78 100
 77 23.7 19.0 28.4





#41
Methacrylonitrile
Concen: 48.007 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

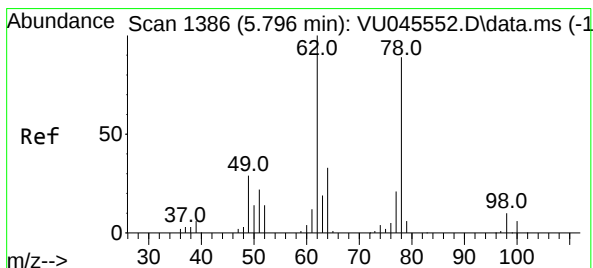
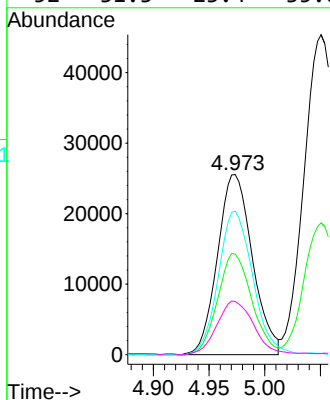
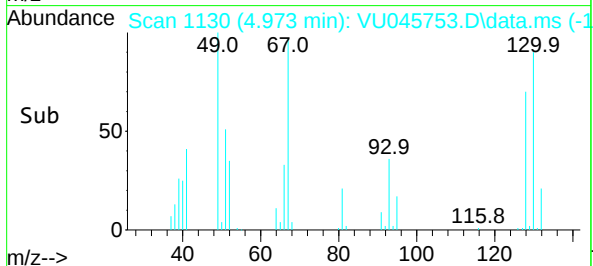
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MSD



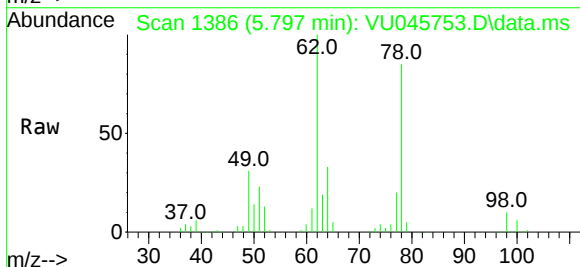
Tgt Ion: 41 Resp: 55820
Ion Ratio Lower Upper
41 100
39 54.8 43.4 65.0
67 78.4 61.0 91.4
52 31.3 23.4 35.0

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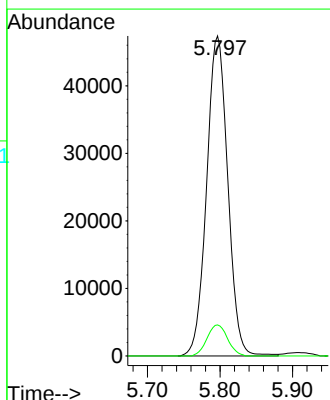
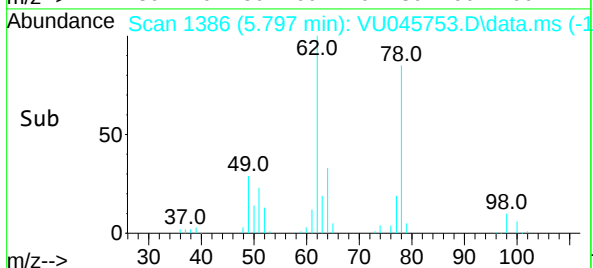
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

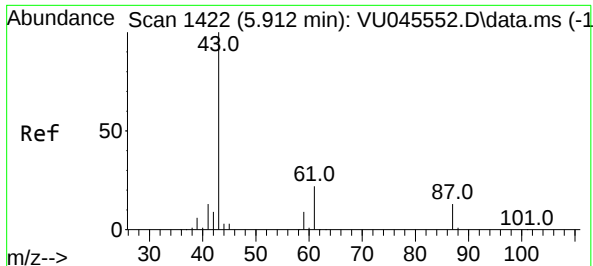


#42
1,2-Dichloroethane
Concen: 46.859 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51



Tgt Ion: 62 Resp: 95993
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4





#43

Isopropyl Acetate

Concen: 46.742 ug/l

RT: 5.912 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VU045753.D

Acq: 11 Nov 2021 20:51

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MSD

Tgt Ion: 43 Resp: 157320

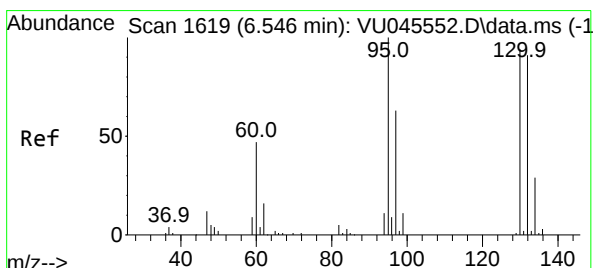
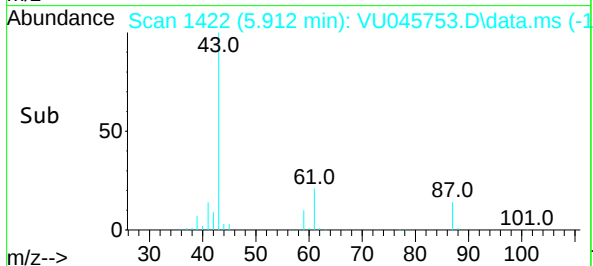
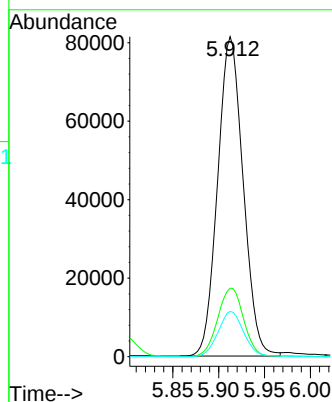
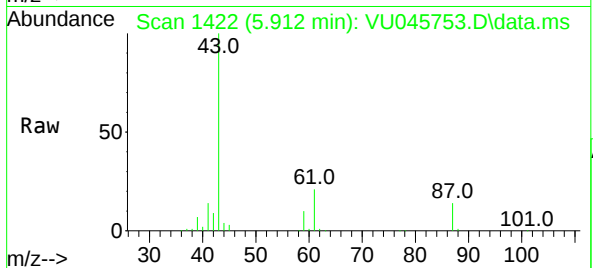
Ion	Ratio	Lower	Upper
43	100		
61	21.8	16.9	25.3
87	14.3	11.0	16.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#44

Trichloroethene

Concen: 145.749 ug/l

RT: 6.546 min Scan# 1619

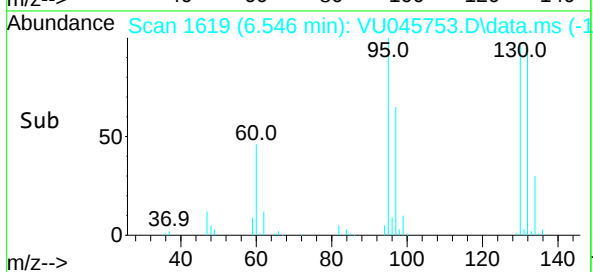
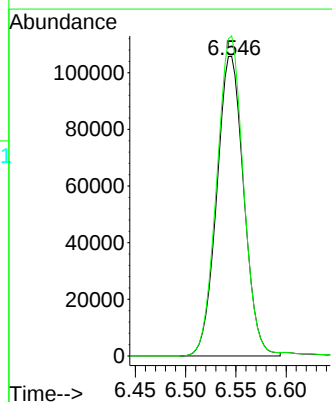
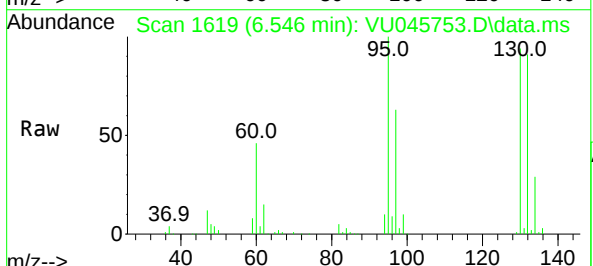
Delta R.T. 0.000 min

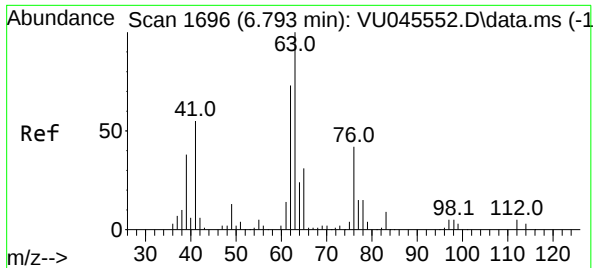
Lab File: VU045753.D

Acq: 11 Nov 2021 20:51

Tgt Ion:130 Resp: 197860

Ion	Ratio	Lower	Upper
130	100		
95	106.8	0.0	211.4





#45

1,2-Dichloropropane

Concen: 47.311 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045753.D

Acq: 11 Nov 2021 20:51

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MSD

Tgt Ion: 63 Resp: 7099

Ion Ratio Lower Upper

63 100

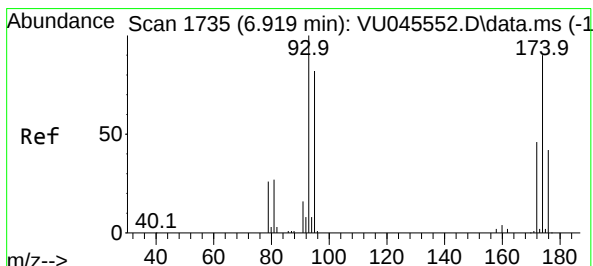
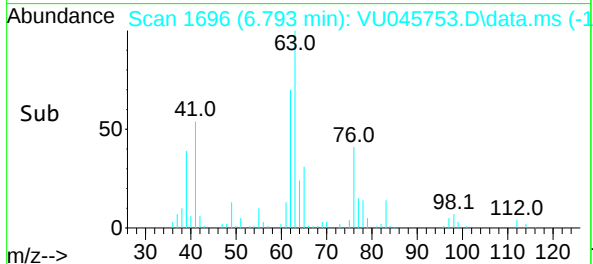
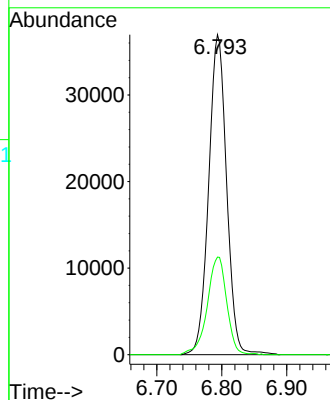
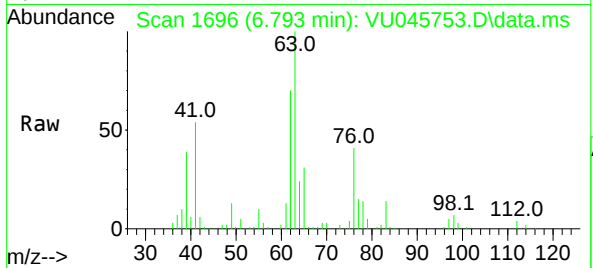
65 30.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#46

Dibromomethane

Concen: 47.190 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU045753.D

Acq: 11 Nov 2021 20:51

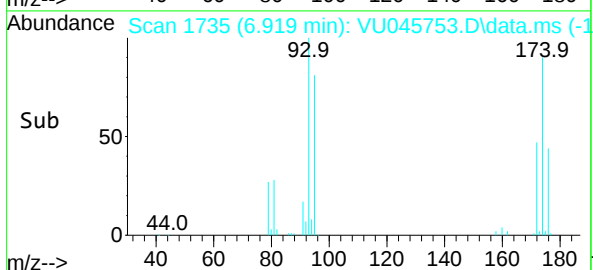
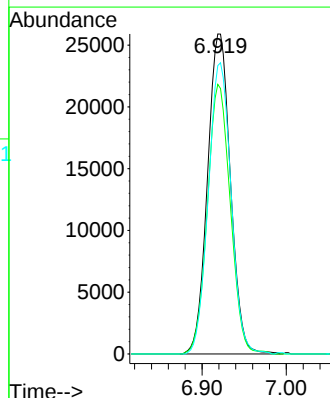
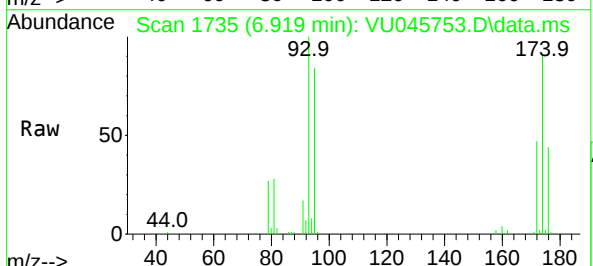
Tgt Ion: 93 Resp: 49067

Ion Ratio Lower Upper

93 100

95 84.1 66.2 99.2

174 90.0 71.0 106.6





#47

Bromodichloromethane

Concen: 48.508 ug/l

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU045753.D

Acq: 11 Nov 2021 20:51

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MSD

Tgt Ion: 83 Resp: 9570

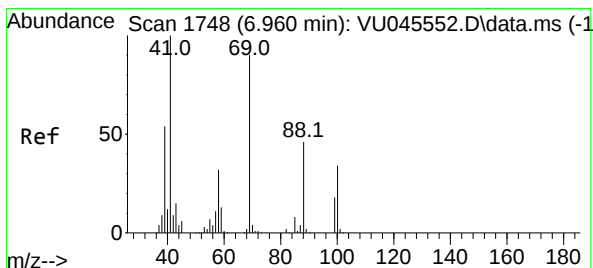
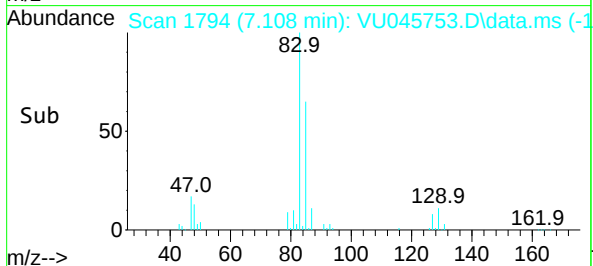
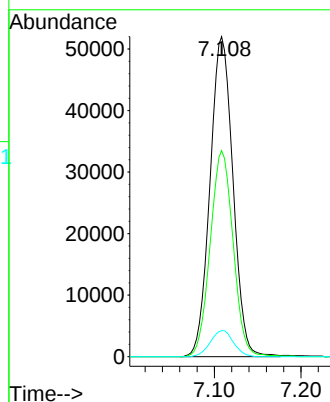
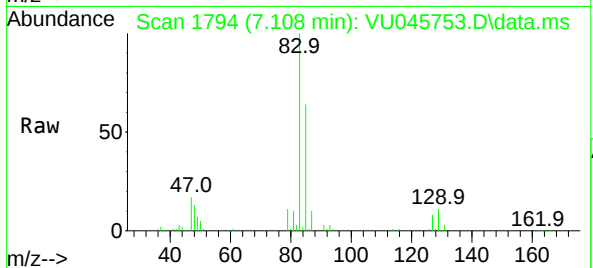
Ion	Ratio	Lower	Upper
83	100		
85	64.4	49.8	74.6
127	8.2	6.2	9.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#48

Methyl methacrylate

Concen: 48.029 ug/l

RT: 6.960 min Scan# 1748

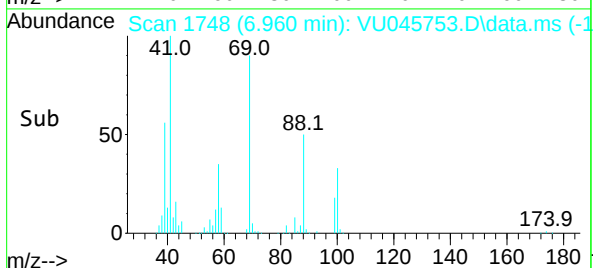
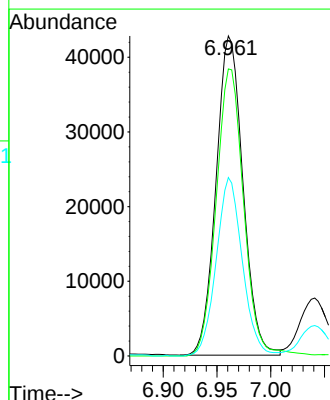
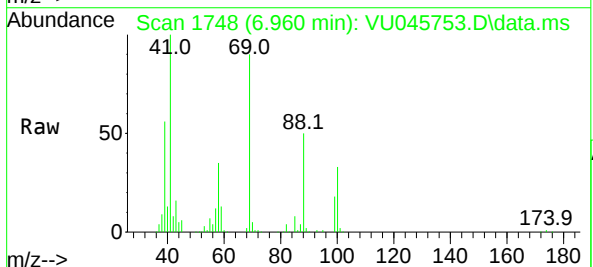
Delta R.T. 0.000 min

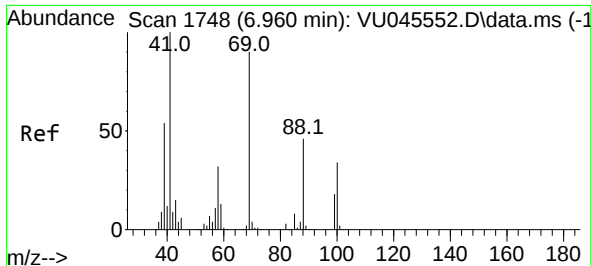
Lab File: VU045753.D

Acq: 11 Nov 2021 20:51

Tgt Ion: 41 Resp: 74403

Ion	Ratio	Lower	Upper
41	100		
69	91.9	70.2	105.2
39	54.3	43.9	65.9





#49

1,4-Dioxane

Concen: 1027.933 ug/l

RT: 6.964 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045753.D

Acq: 11 Nov 2021 20:51

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MSD

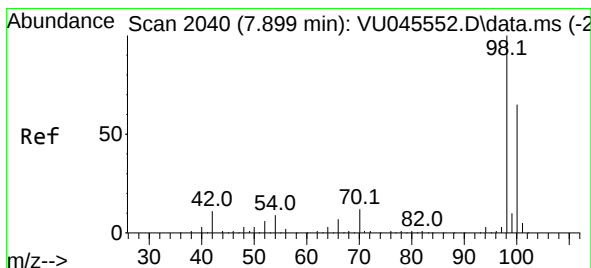
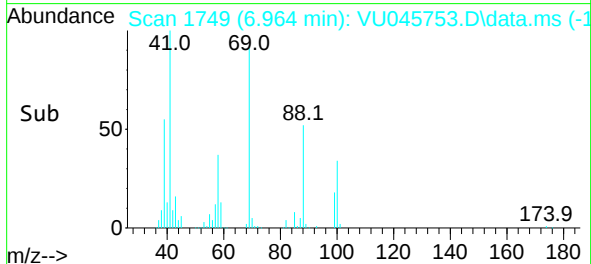
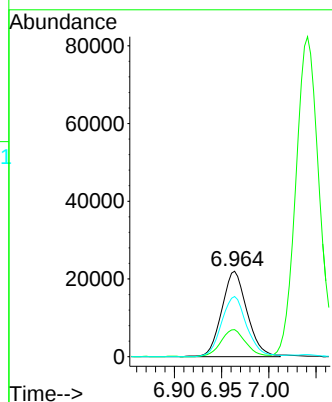
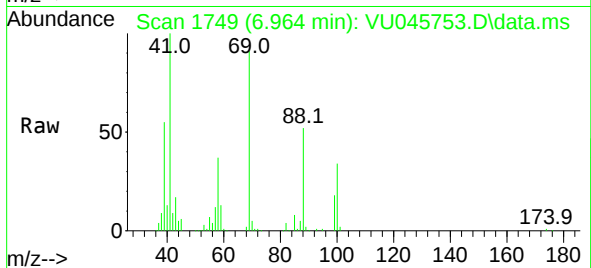
Tgt Ion: 88 Resp: 4095
 Ion Ratio Lower Upper
 88 100
 43 31.2 0.0 0.0
 58 70.3 58.7 88.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#50

Toluene-d8

Concen: 47.931 ug/l

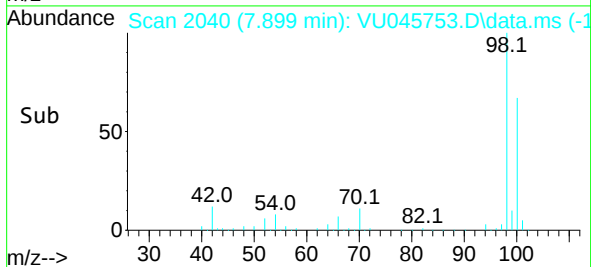
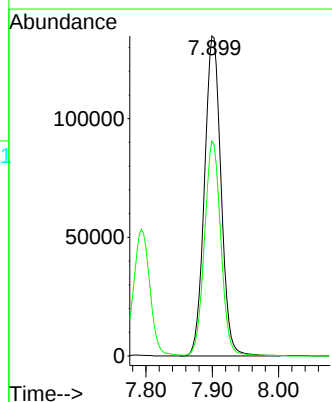
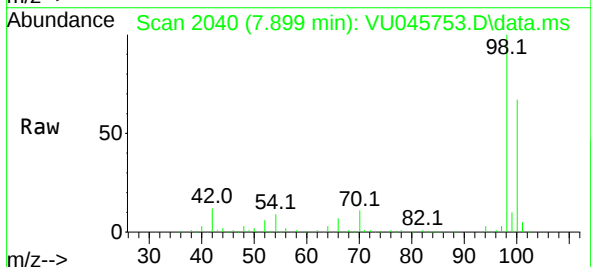
RT: 7.899 min Scan# 2040

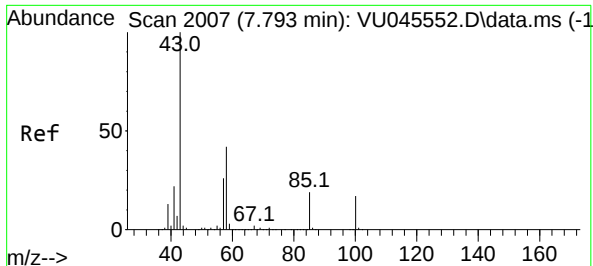
Delta R.T. 0.000 min

Lab File: VU045753.D

Acq: 11 Nov 2021 20:51

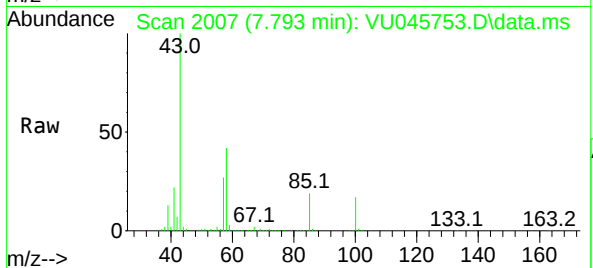
Tgt Ion: 98 Resp: 233772
 Ion Ratio Lower Upper
 98 100
 100 66.6 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 247.035 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

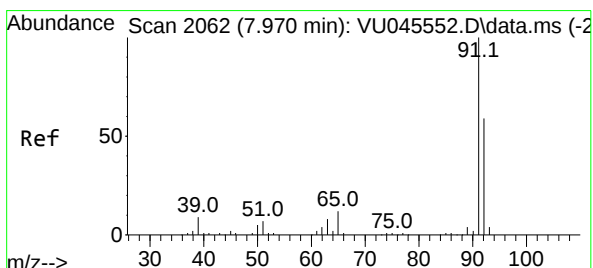
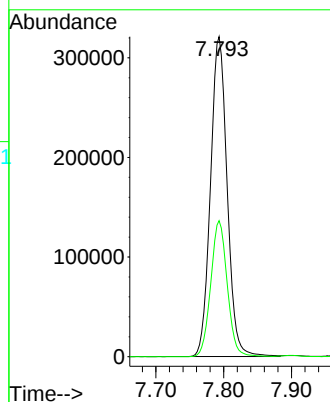
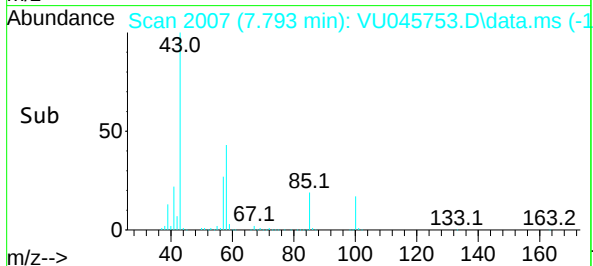
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MSD



Tgt Ion: 43 Resp: 54846
Ion Ratio Lower Upper
43 100
58 42.0 33.8 50.8

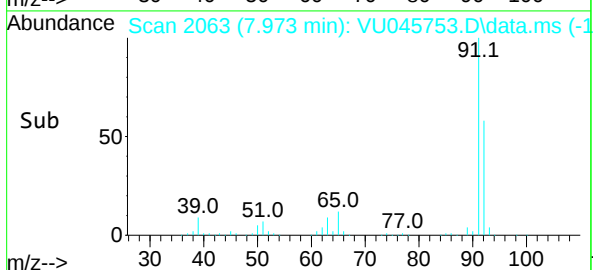
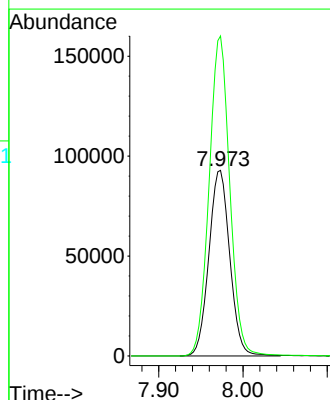
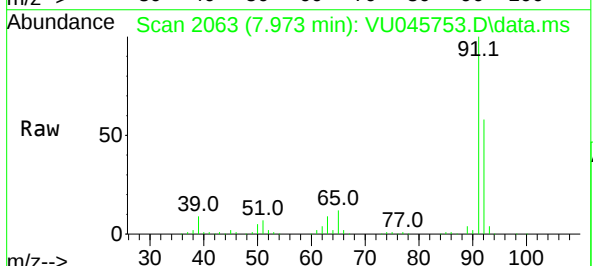
Manual Integrations
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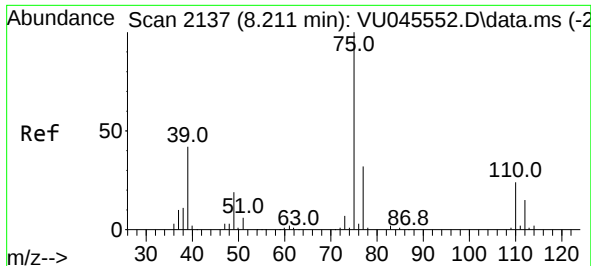
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#52
Toluene
Concen: 46.121 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.003 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

Tgt Ion: 92 Resp: 160139
Ion Ratio Lower Upper
92 100
91 170.6 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 45.026 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU045753.D

Acq: 11 Nov 2021 20:51

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MSD

Tgt Ion: 75 Resp: 102092

Ion Ratio Lower Upper

75 100

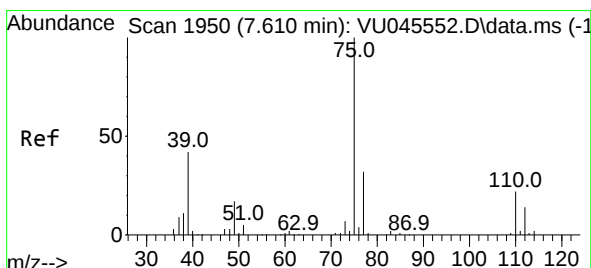
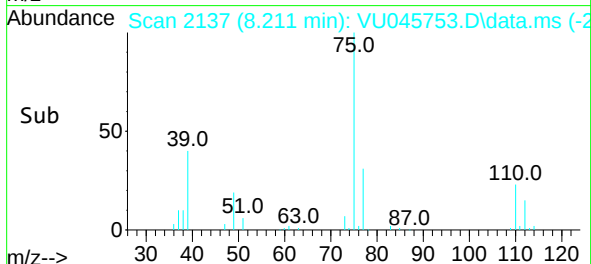
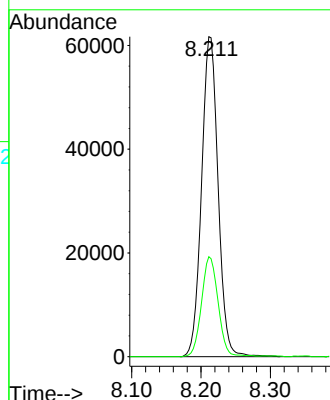
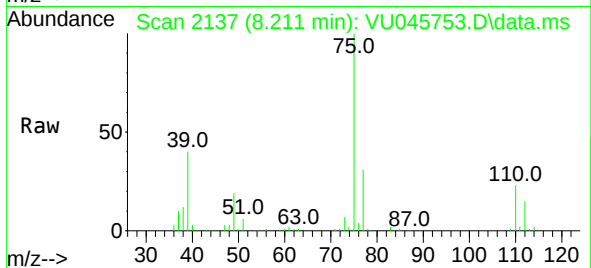
77 31.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#54

cis-1,3-Dichloropropene

Concen: 46.573 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045753.D

Acq: 11 Nov 2021 20:51

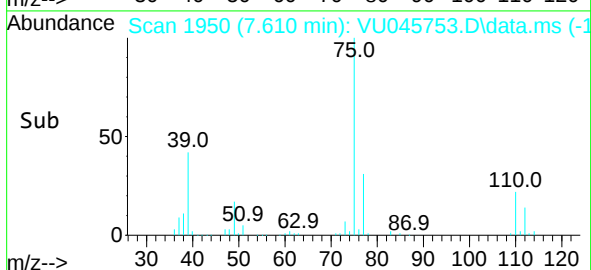
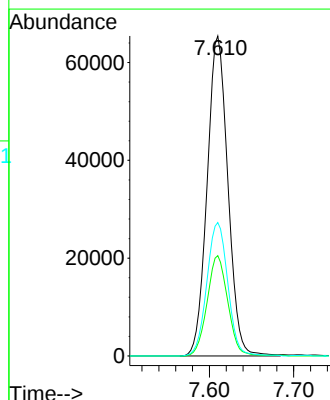
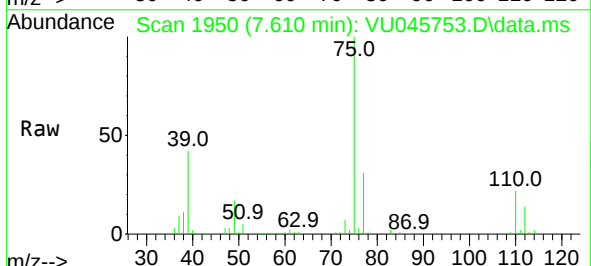
Tgt Ion: 75 Resp: 112162

Ion Ratio Lower Upper

75 100

77 31.3 24.6 37.0

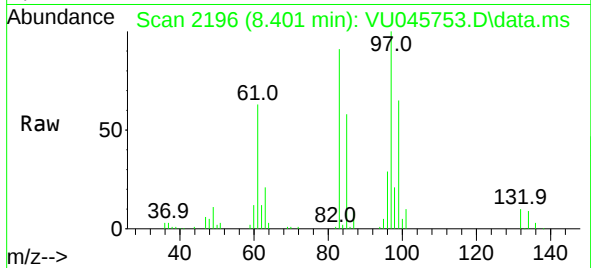
39 41.7 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 48.139 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

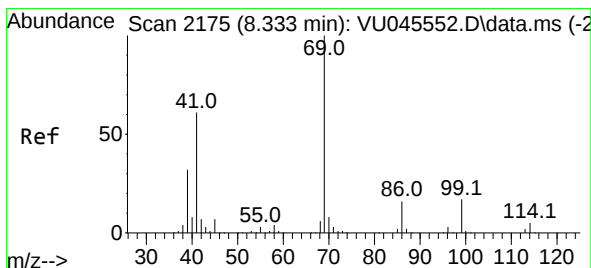
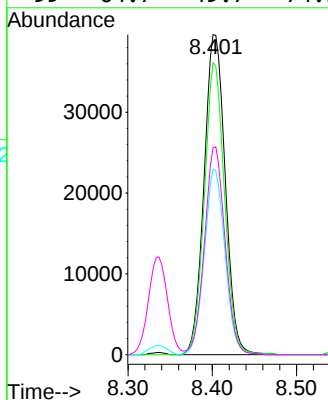
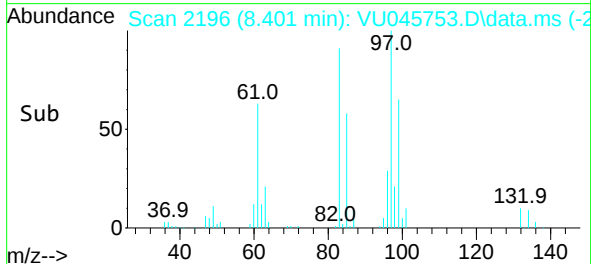
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MSD



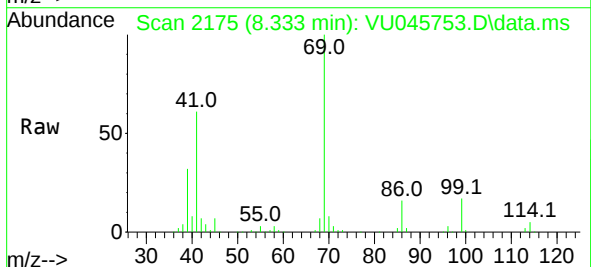
Tgt Ion: 97 Resp: 69274
Ion Ratio Lower Upper
97 100
83 91.2 70.3 105.5
85 57.9 45.5 68.3
99 64.7 49.7 74.5

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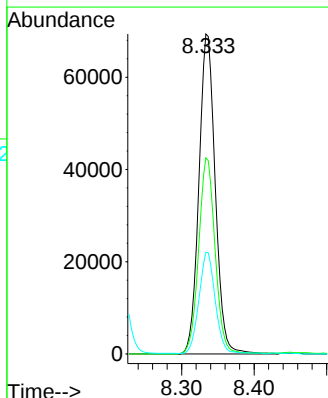
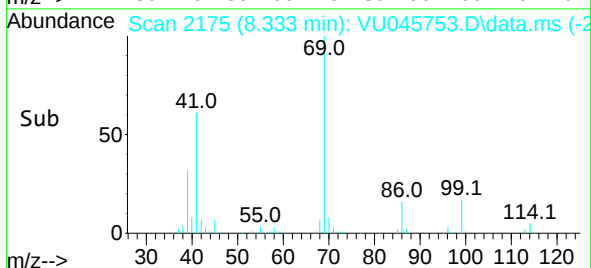
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

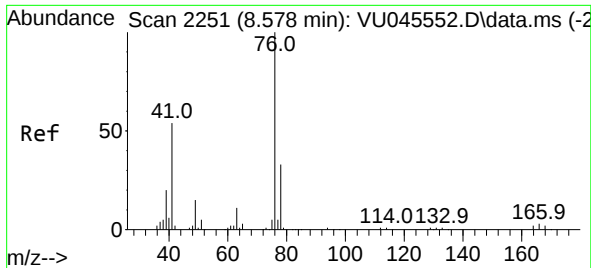


#56
Ethyl methacrylate
Concen: 42.452 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51



Tgt Ion: 69 Resp: 108581
Ion Ratio Lower Upper
69 100
41 61.7 51.0 76.4
39 31.2 26.6 39.8





#57

1,3-Dichloropropane

Concen: 47.444 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045753.D

Acq: 11 Nov 2021 20:51

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MSD

Tgt Ion: 76 Resp: 12296

Ion Ratio Lower Upper

76 100

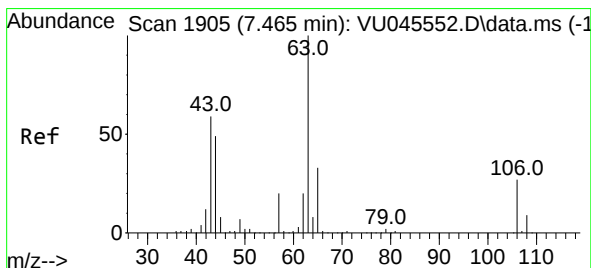
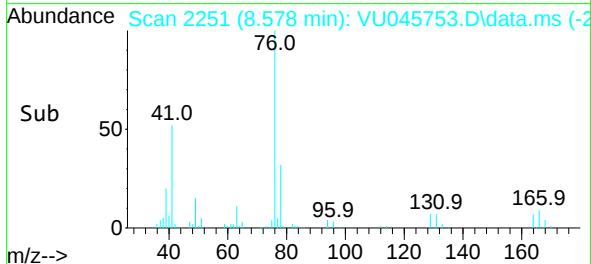
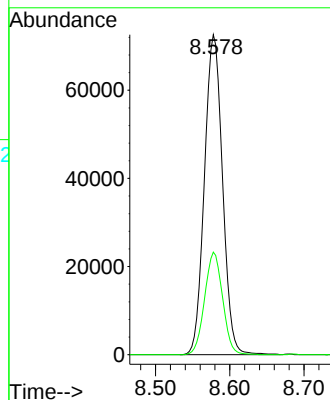
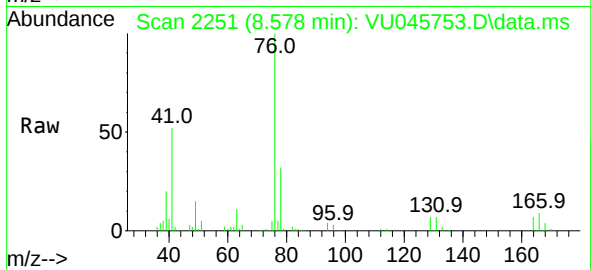
78 31.8 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#58

2-Chloroethyl Vinyl ether

Concen: 203.097 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045753.D

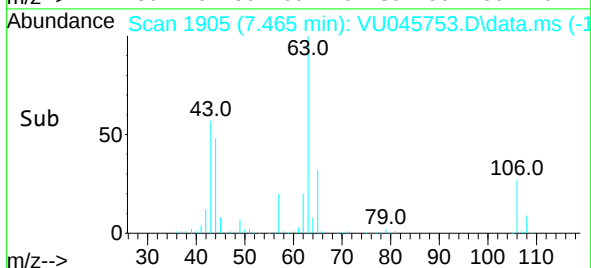
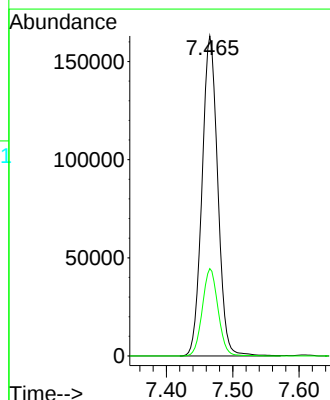
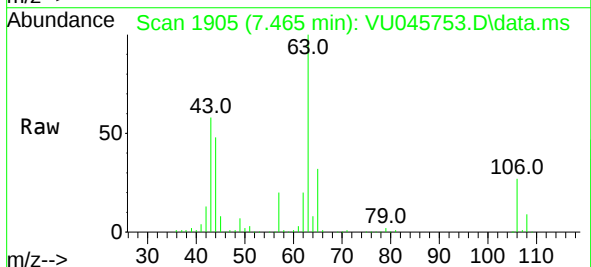
Acq: 11 Nov 2021 20:51

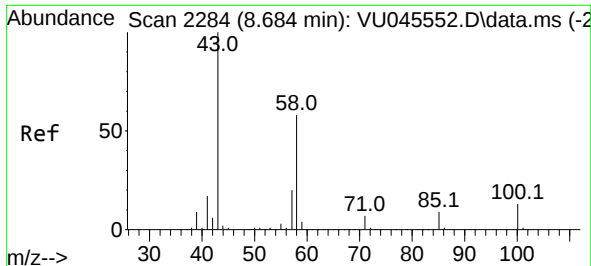
Tgt Ion: 63 Resp: 269066

Ion Ratio Lower Upper

63 100

106 27.3 21.0 31.4





#59

2-Hexanone

Concen: 221.071 ug/l

RT: 8.684 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045753.D

Acq: 11 Nov 2021 20:51

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MSD

Tgt Ion: 43 Resp: 42534

Ion Ratio Lower Upper

43 100

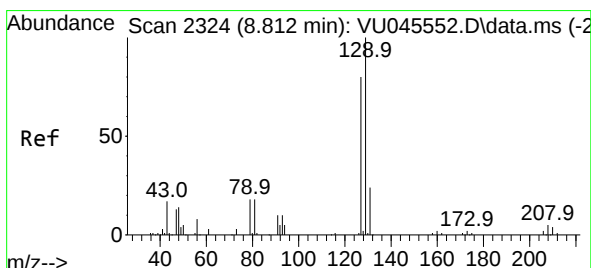
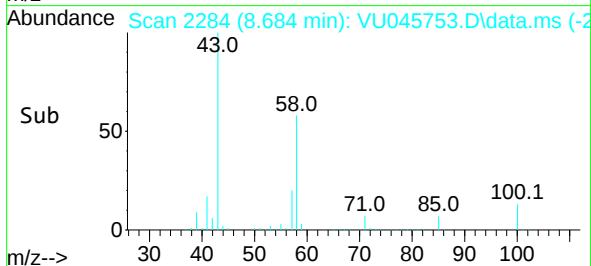
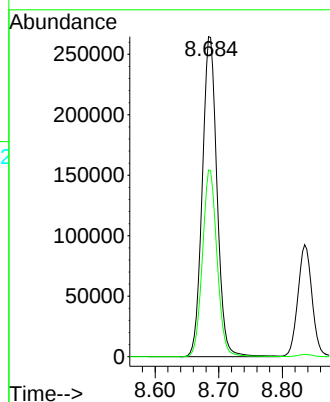
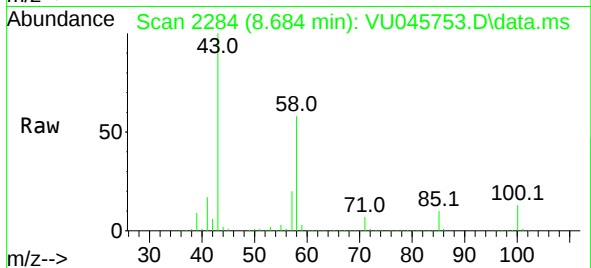
58 57.9 29.5 88.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#60

Dibromochloromethane

Concen: 48.695 ug/l

RT: 8.813 min Scan# 2324

Delta R.T. 0.000 min

Lab File: VU045753.D

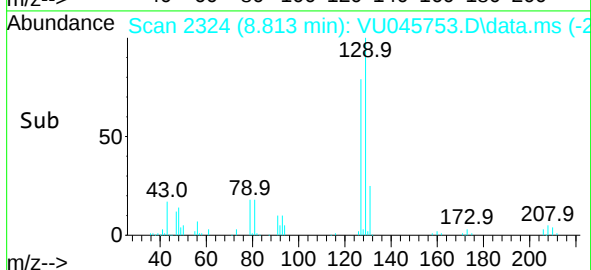
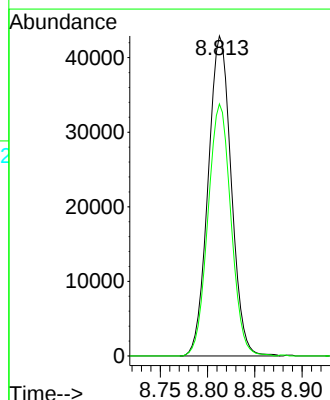
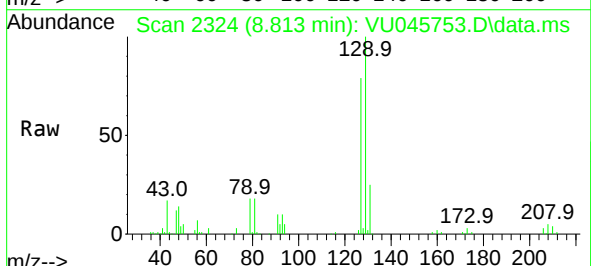
Acq: 11 Nov 2021 20:51

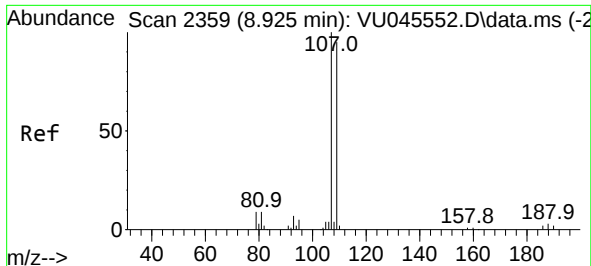
Tgt Ion:129 Resp: 72966

Ion Ratio Lower Upper

129 100

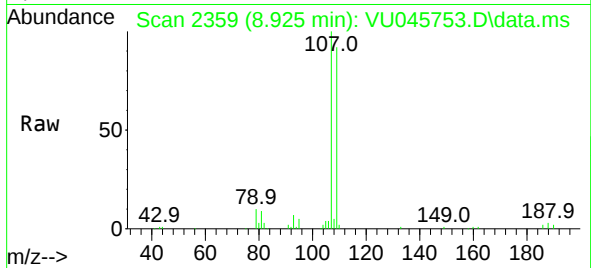
127 78.5 38.5 115.3





#61
1,2-Dibromoethane
Concen: 47.194 ug/l
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

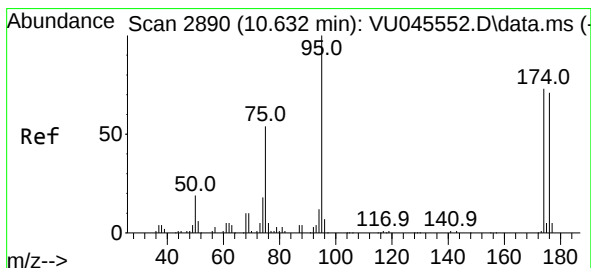
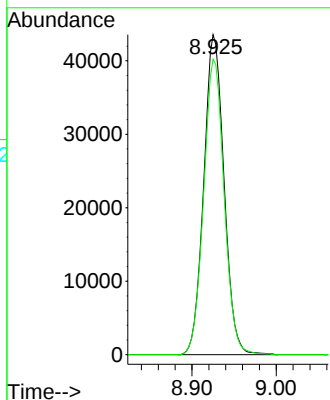
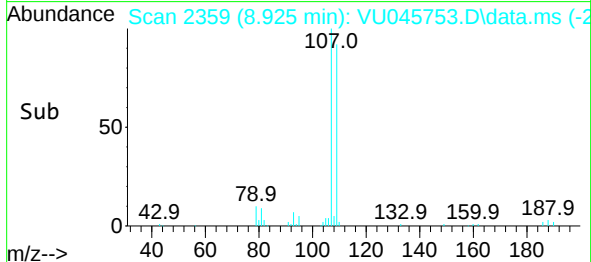
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MSD



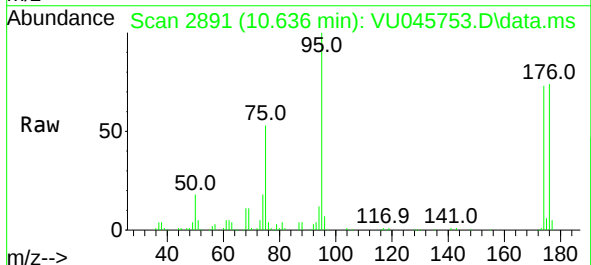
Tgt Ion:107 Resp: 72839
Ion Ratio Lower Upper
107 100
109 93.6 75.8 113.8

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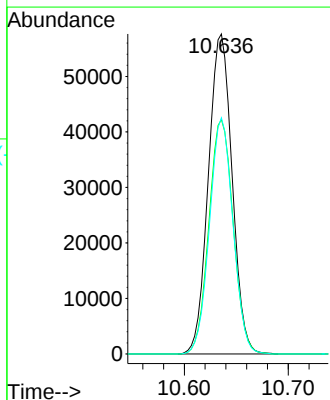
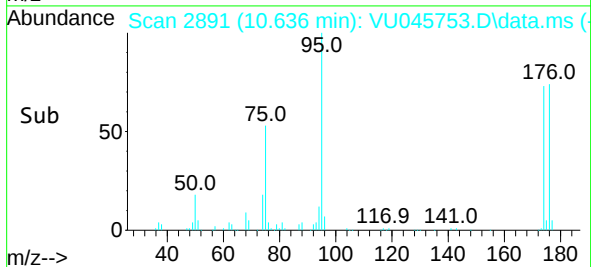
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

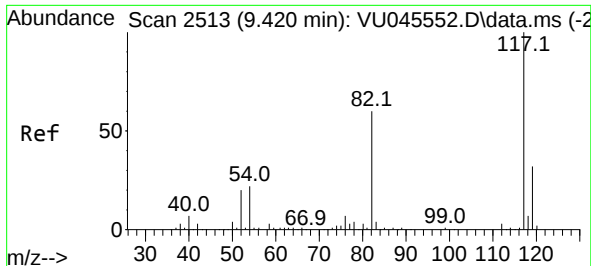


#62
4-Bromofluorobenzene
Concen: 46.782 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51



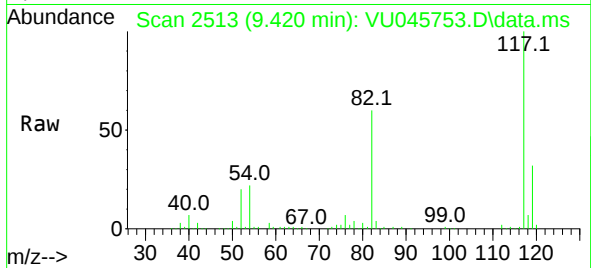
Tgt Ion: 95 Resp: 91494
Ion Ratio Lower Upper
95 100
174 74.9 0.0 141.8
176 72.9 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

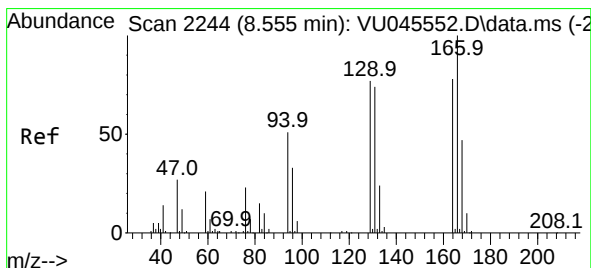
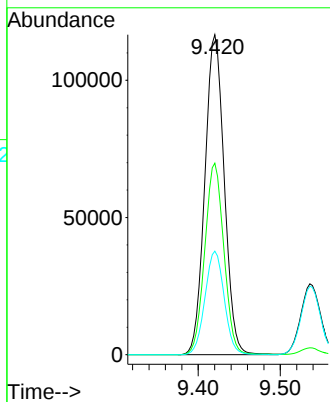
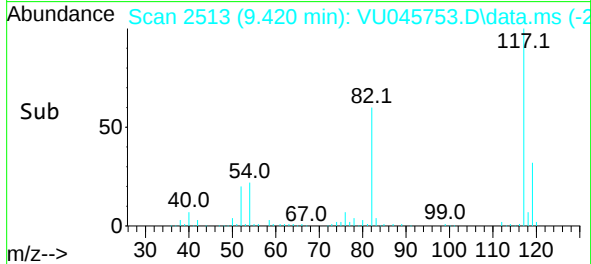
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MSD



Tgt Ion:117 Resp: 19168
Ion Ratio Lower Upper
117 100
82 59.8 47.8 71.8
119 32.4 25.8 38.8

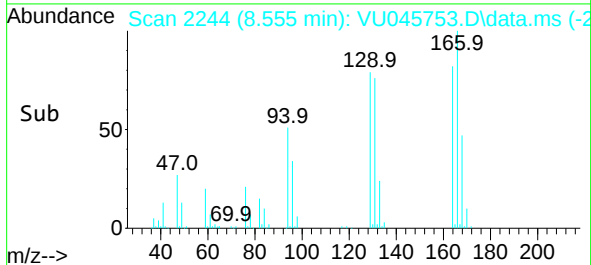
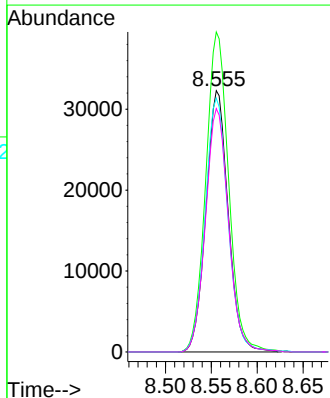
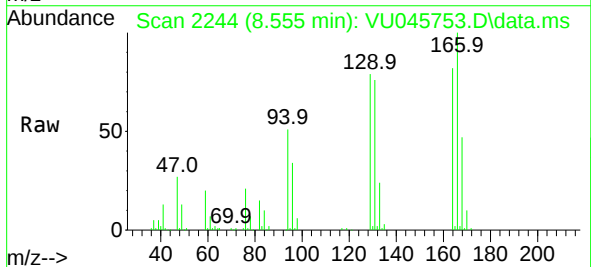
Manual Integrations
APPROVED

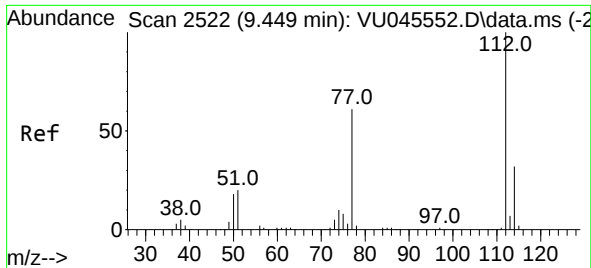
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#64
Tetrachloroethene
Concen: 49.627 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

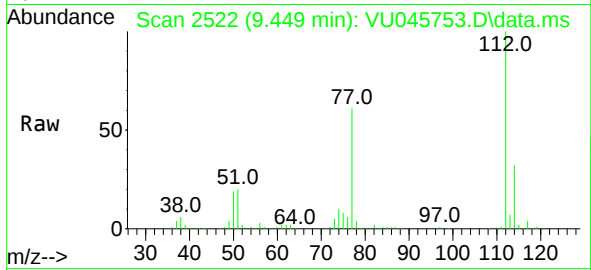
Tgt Ion:164 Resp: 54599
Ion Ratio Lower Upper
164 100
166 122.5 102.2 153.4
129 97.2 78.2 117.4
131 93.1 75.1 112.7





#65
Chlorobenzene
Concen: 45.081 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

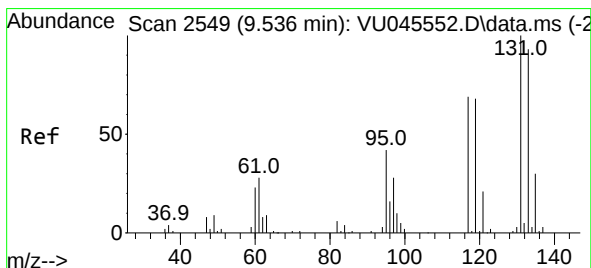
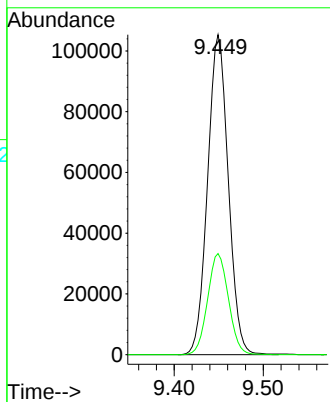
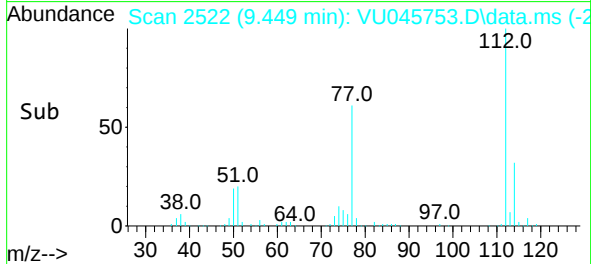
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MSD



Tgt Ion:112 Resp: 169738
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

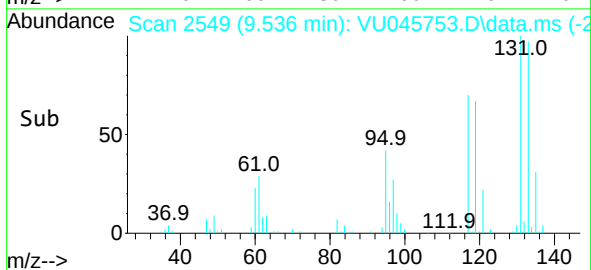
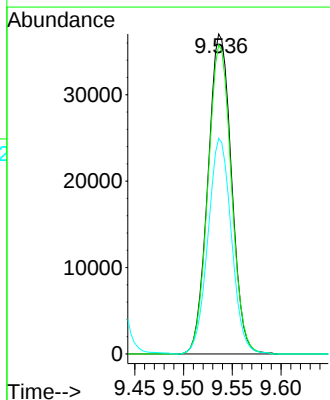
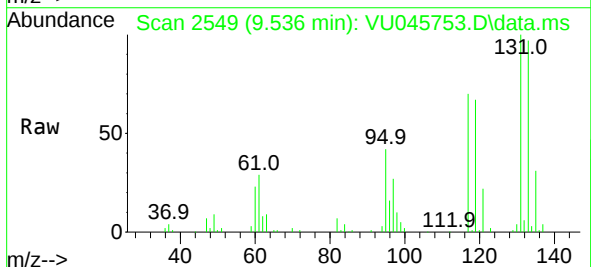
Manual Integrations
APPROVED

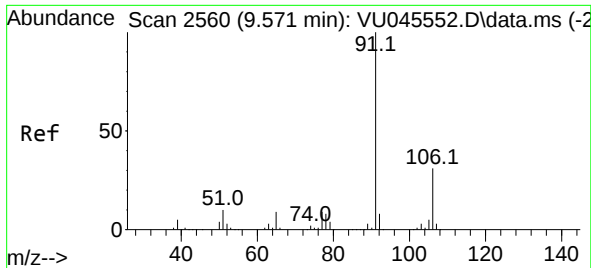
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 46.345 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

Tgt Ion:131 Resp: 62234
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.6
119 67.2 34.5 103.6





#67

Ethyl Benzene

Concen: 45.292 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU045753.D

Acq: 11 Nov 2021 20:51

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MSD

Tgt Ion: 91 Resp: 30539

Ion Ratio Lower Upper

91 100

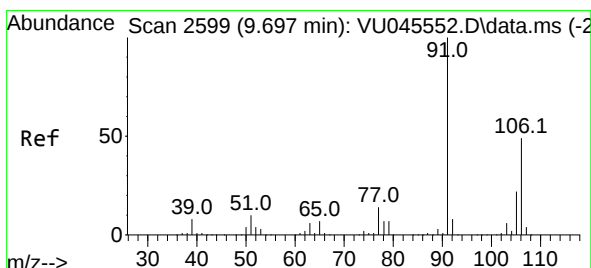
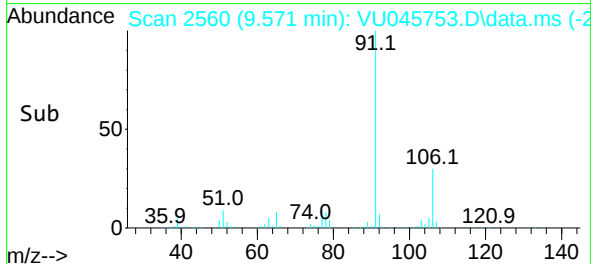
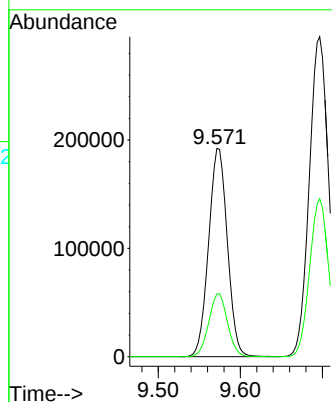
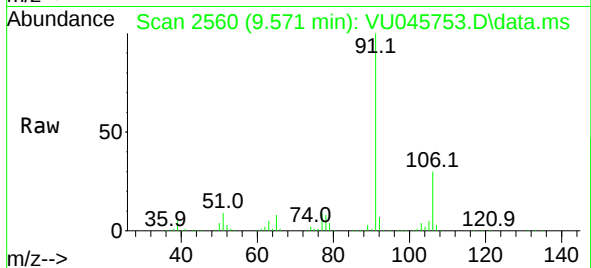
106 30.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#68

m/p-Xylenes

Concen: 93.183 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045753.D

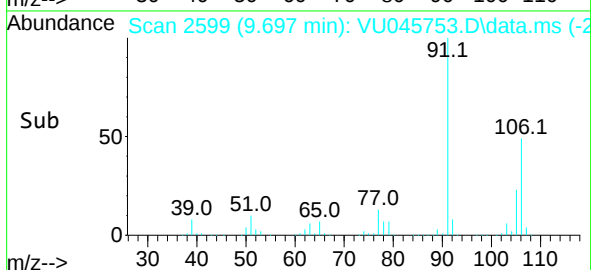
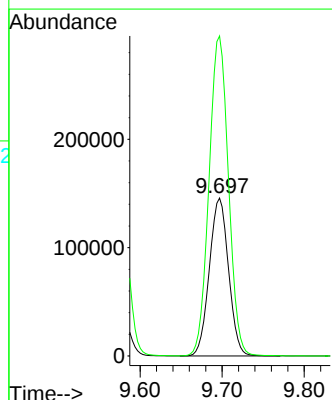
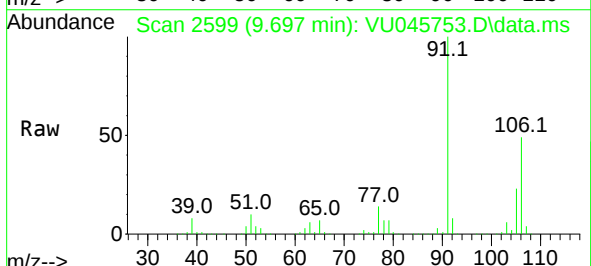
Acq: 11 Nov 2021 20:51

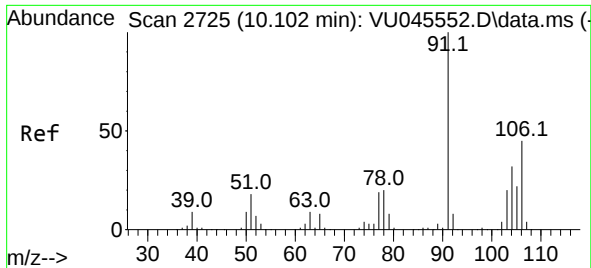
Tgt Ion:106 Resp: 236958

Ion Ratio Lower Upper

106 100

91 205.6 164.7 247.1





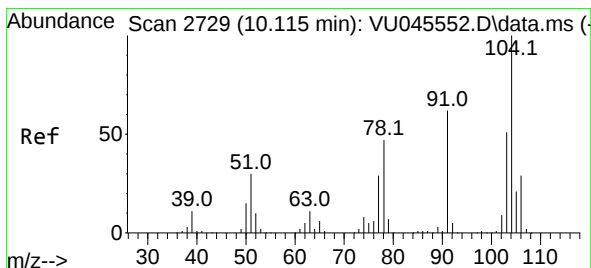
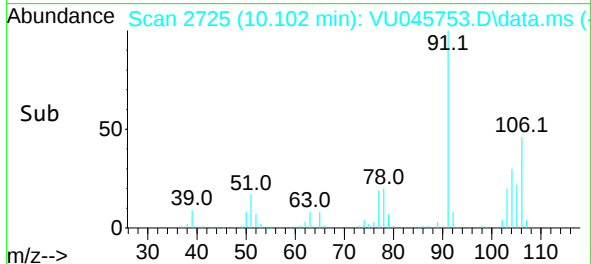
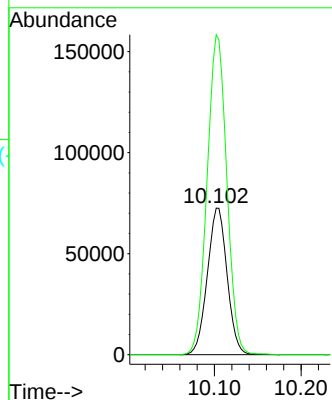
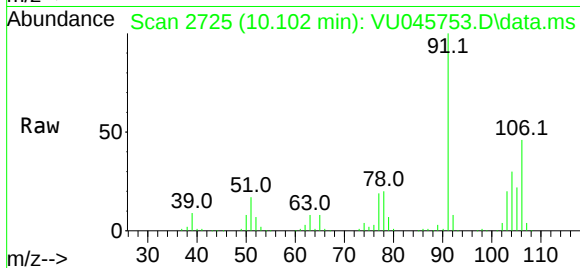
#69
o-Xylene
Concen: 46.526 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MSD

Tgt Ion:106 Resp: 11502
Ion Ratio Lower Upper
106 100
91 217.6 108.7 326.3

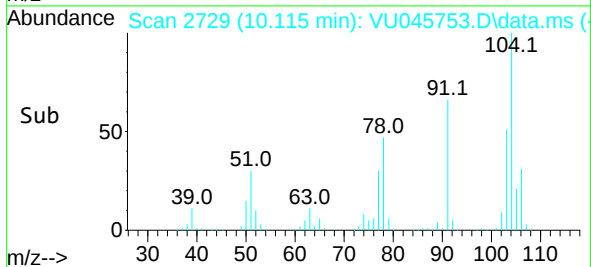
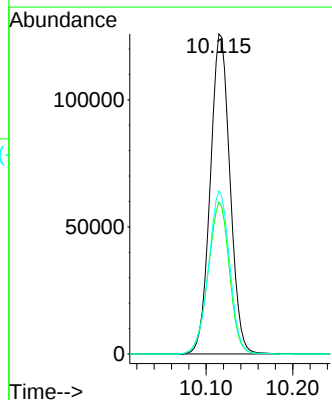
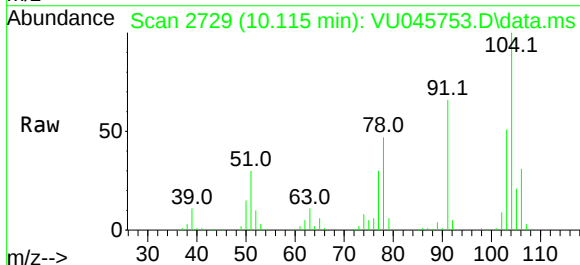
Manual Integrations
APPROVED

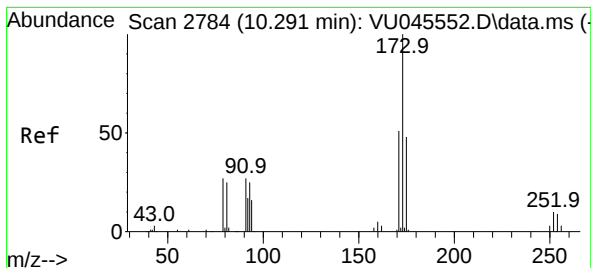
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#70
Styrene
Concen: 47.644 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

Tgt Ion:104 Resp: 199270
Ion Ratio Lower Upper
104 100
78 51.2 41.8 62.6
103 54.4 43.8 65.6





#71

Bromoform

Concen: 43.365 ug/l

RT: 10.292 min Scan# 21

Delta R.T. 0.001 min

Lab File: VU045753.D

Acq: 11 Nov 2021 20:51

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MSD

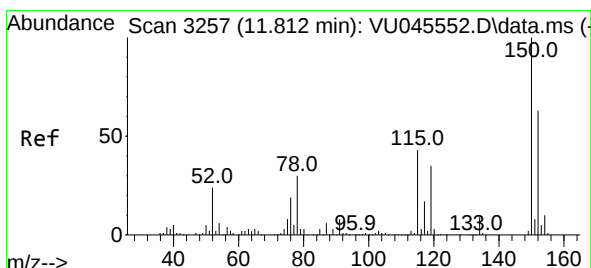
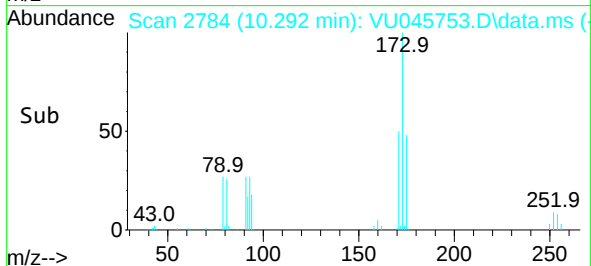
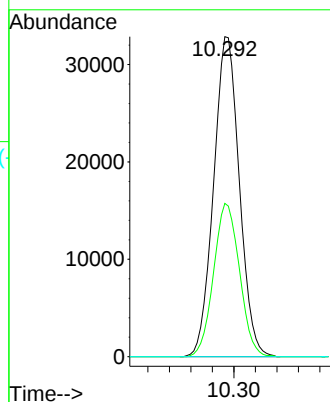
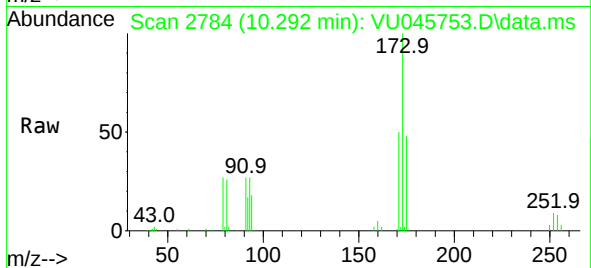
Tgt Ion:	173	Resp:	5456
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.1	72.2
254	0.0	0.0	0.0

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

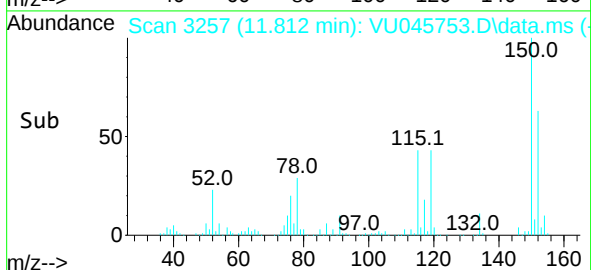
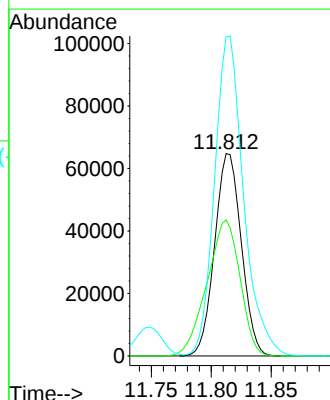
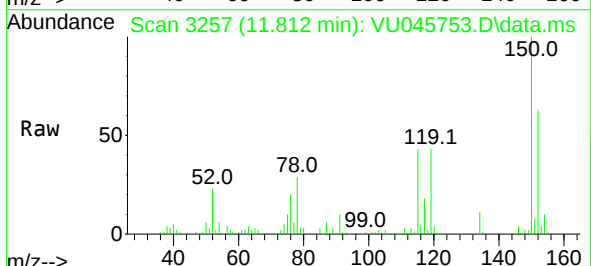
RT: 11.812 min Scan# 3257

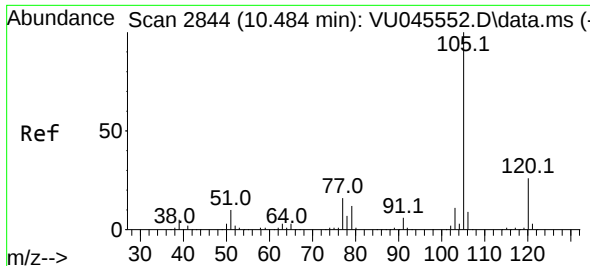
Delta R.T. 0.000 min

Lab File: VU045753.D

Acq: 11 Nov 2021 20:51

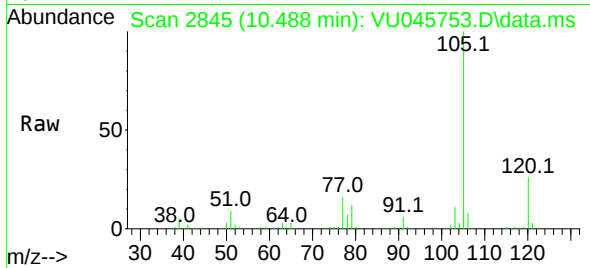
Tgt Ion:	152	Resp:	100141
Ion Ratio	Lower	Upper	
152	100		
115	83.1	42.7	128.1
150	172.3	0.0	346.8





#73
Isopropylbenzene
Concen: 46.332 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

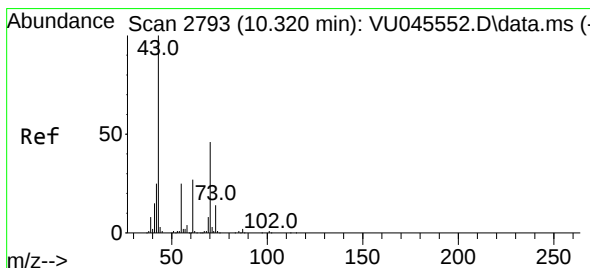
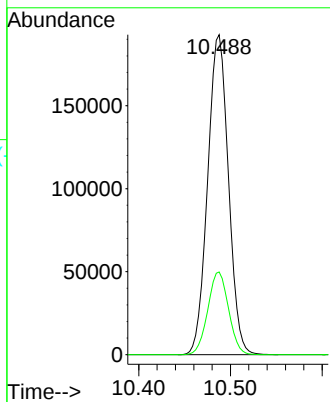
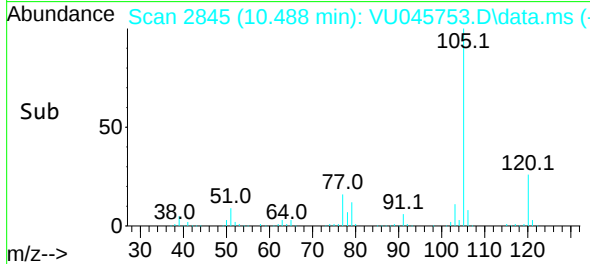
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MSD



Tgt Ion:105 Resp: 30315
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6

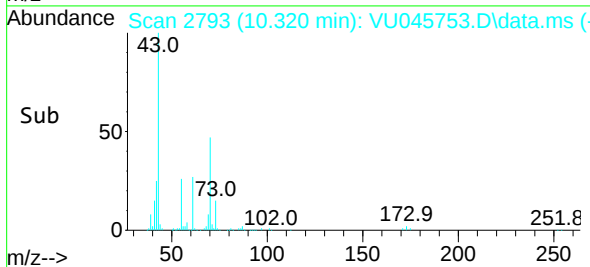
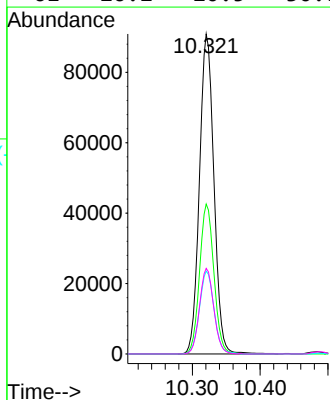
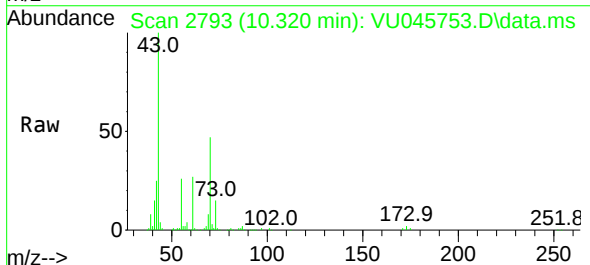
Manual Integrations
APPROVED

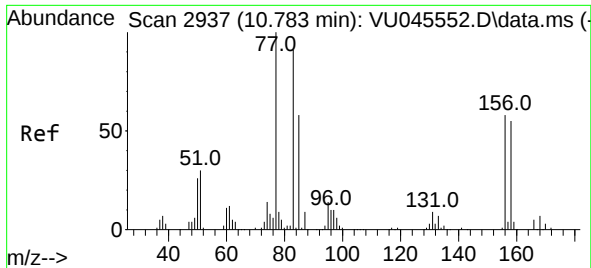
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#74
N-ethyl acetate
Concen: 45.603 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

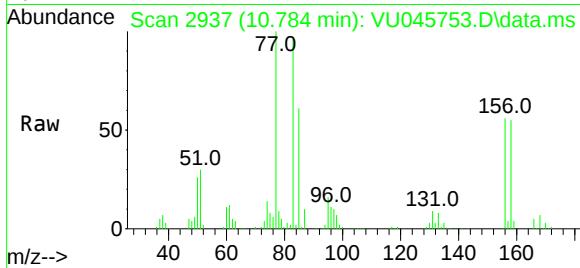
Tgt Ion: 43 Resp: 134609
Ion Ratio Lower Upper
43 100
70 46.4 36.9 55.3
55 26.1 20.6 31.0
61 26.2 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 47.400 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

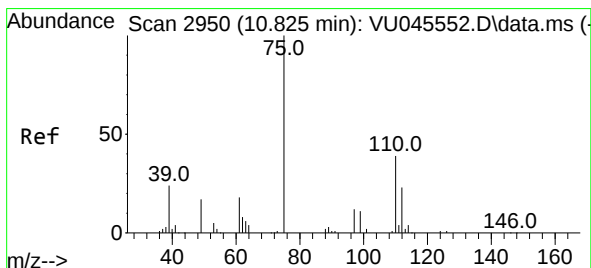
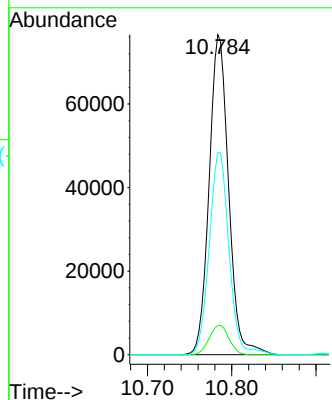
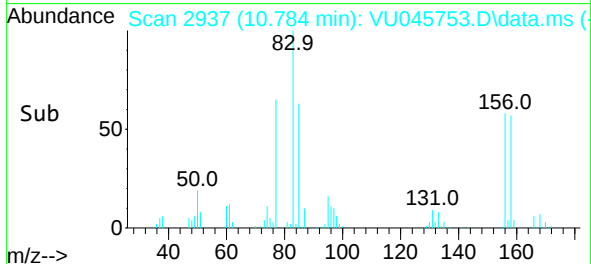
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MSD



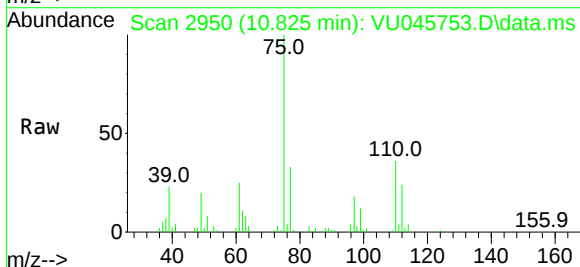
Tgt Ion: 83 Resp: 122879
Ion Ratio Lower Upper
83 100
131 9.3 4.4 13.2
85 64.1 31.9 95.9

Manual Integrations
APPROVED

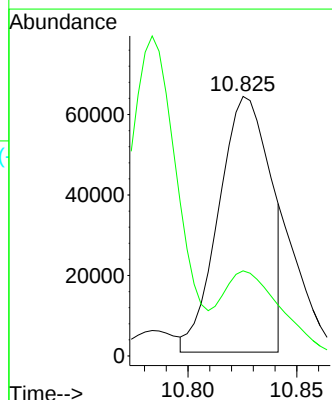
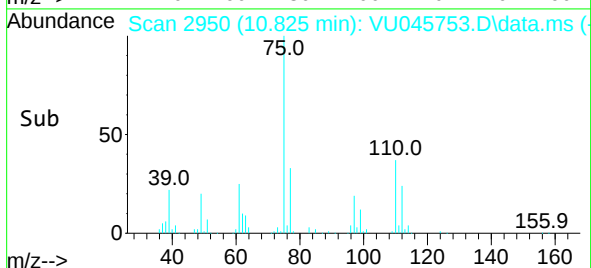
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

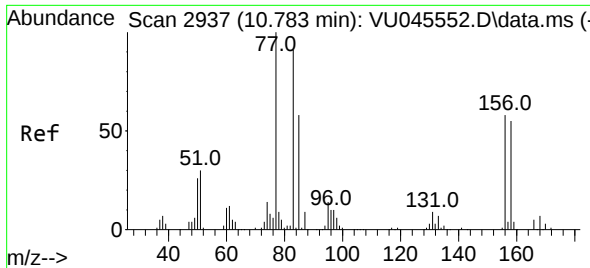


#76
1,2,3-Trichloropropane
Concen: 34.321 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51



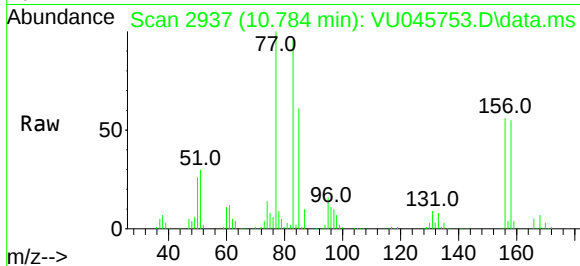
Tgt Ion: 75 Resp: 104227
Ion Ratio Lower Upper
75 100
77 39.5 17.1 51.3





#77
Bromobenzene
Concen: 45.534 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

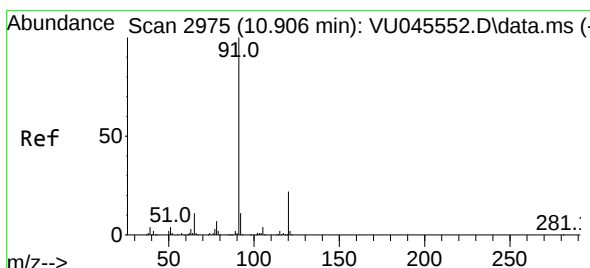
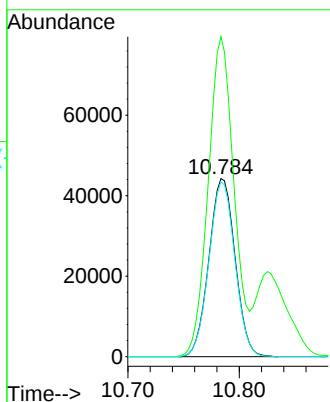
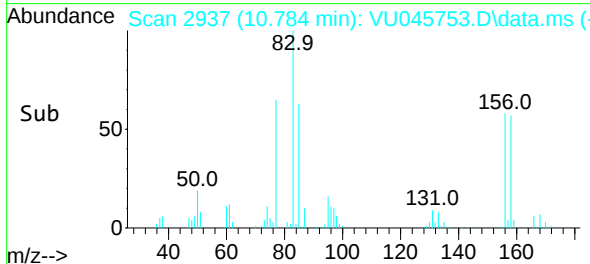
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MSD



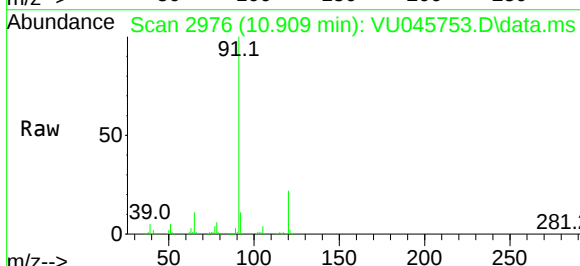
Tgt Ion:156 Resp: 72337
Ion Ratio Lower Upper
156 100
77 176.7 91.1 273.4
158 97.1 47.9 143.6

Manual Integrations
APPROVED

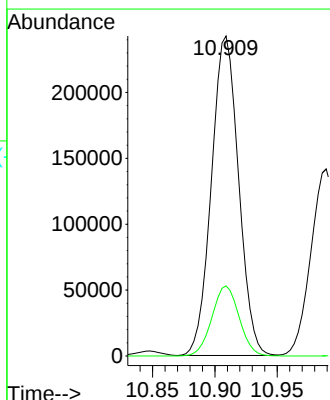
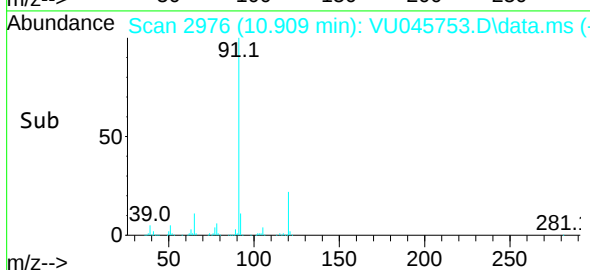
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

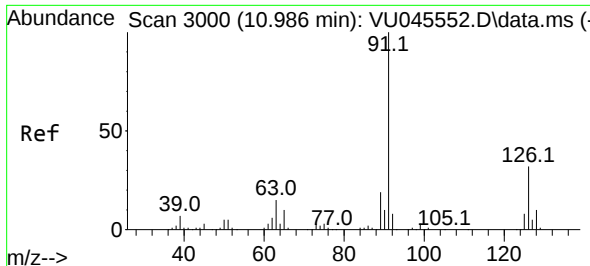


#78
n-propylbenzene
Concen: 45.226 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51



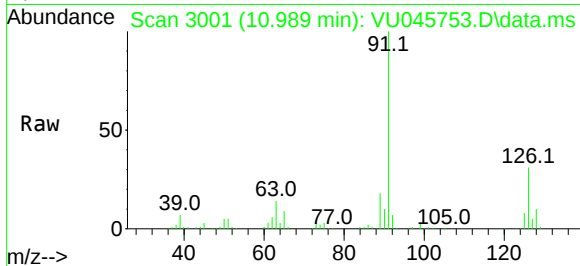
Tgt Ion: 91 Resp: 368298
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.7





#79
2-Chlorotoluene
Concen: 45.810 ug/l
RT: 10.989 min Scan# 3000
Delta R.T. 0.003 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

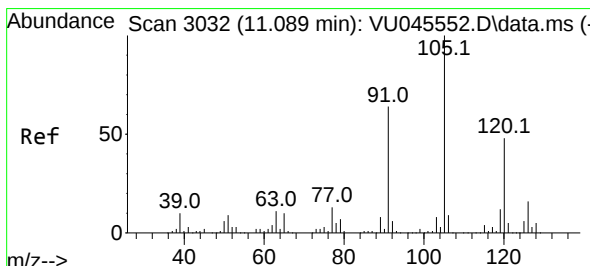
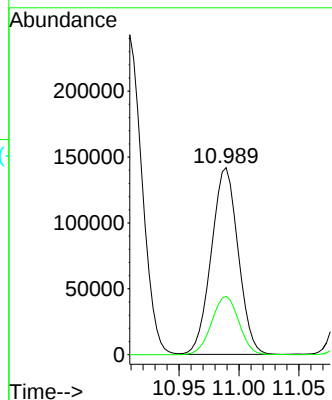
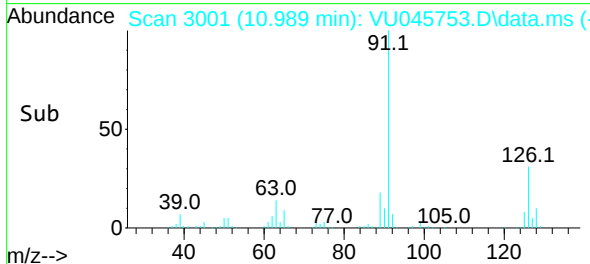
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MSD



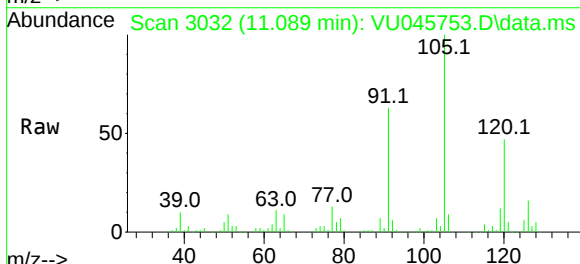
Tgt Ion: 91 Resp: 220409
Ion Ratio Lower Upper
91 100
126 31.8 15.6 46.8

Manual Integrations
APPROVED

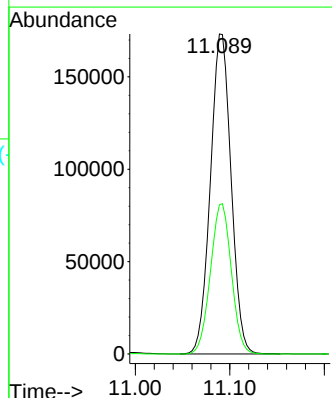
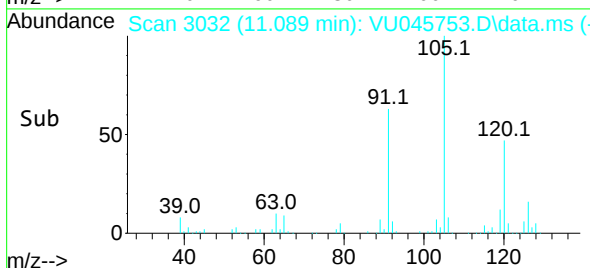
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

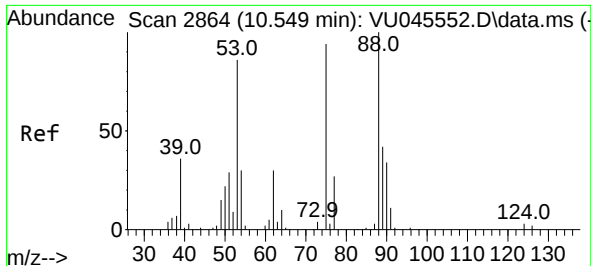


#80
1,3,5-Trimethylbenzene
Concen: 46.067 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51



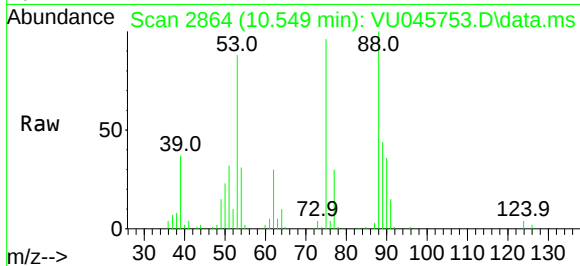
Tgt Ion:105 Resp: 263355
Ion Ratio Lower Upper
105 100
120 47.4 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 36.108 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

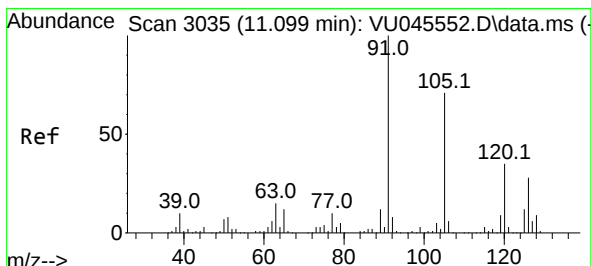
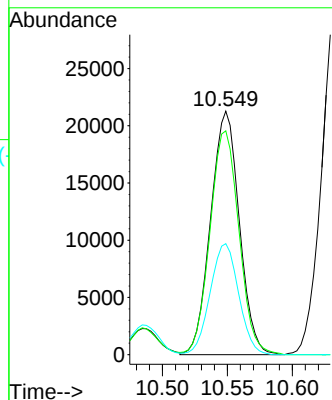
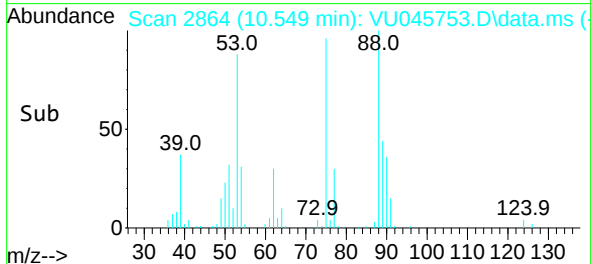
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MSD



Tgt Ion: 75 Resp: 3265
Ion Ratio Lower Upper
75 100
53 93.1 76.2 114.4
89 45.3 34.0 51.0

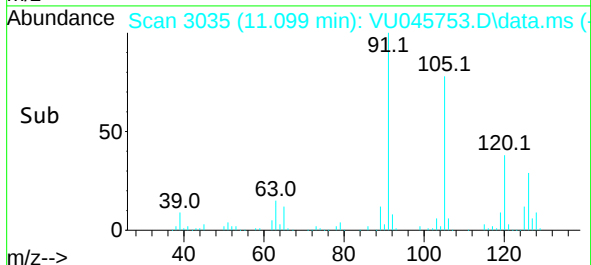
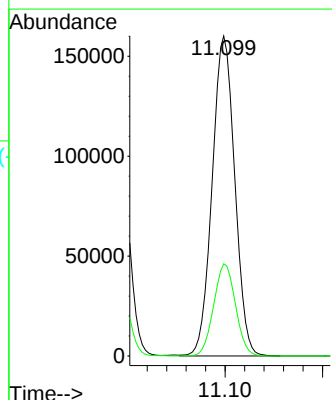
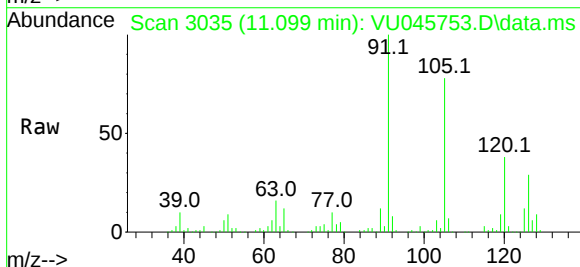
Manual Integrations
APPROVED

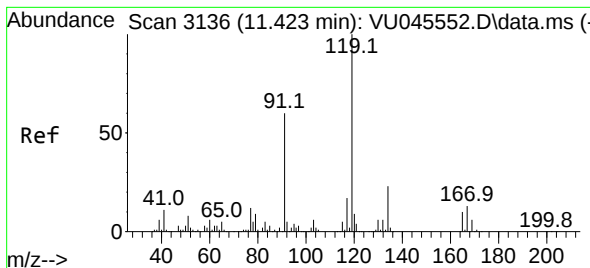
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#82
4-Chlorotoluene
Concen: 45.632 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

Tgt Ion: 91 Resp: 257476
Ion Ratio Lower Upper
91 100
126 27.8 13.8 41.4





#83

tert-Butylbenzene

Concen: 45.778 ug/l

RT: 11.423 min Scan# 3136

Delta R.T. 0.000 min

Lab File: VU045753.D

Acq: 11 Nov 2021 20:51

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108MSD

Tgt Ion:119 Resp: 249470

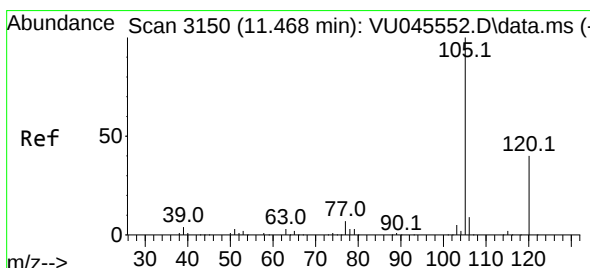
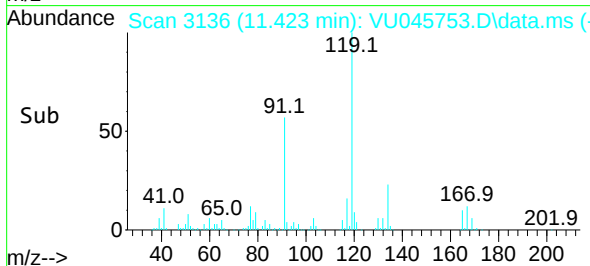
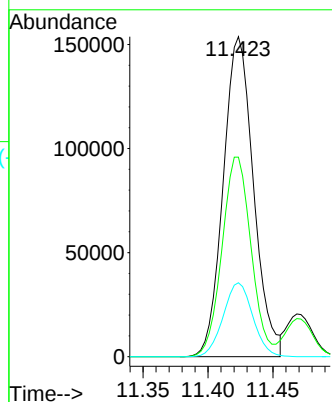
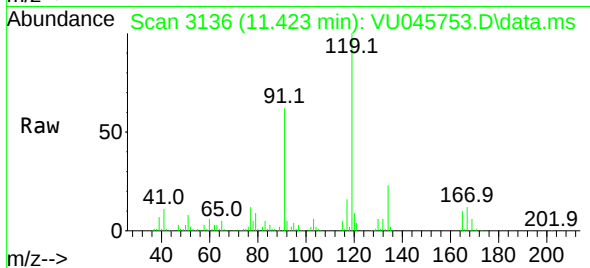
Ion	Ratio	Lower	Upper
119	100		
91	59.6	30.5	91.5
134	22.6	11.5	34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#84

1,2,4-Trimethylbenzene

Concen: 46.620 ug/l

RT: 11.468 min Scan# 3150

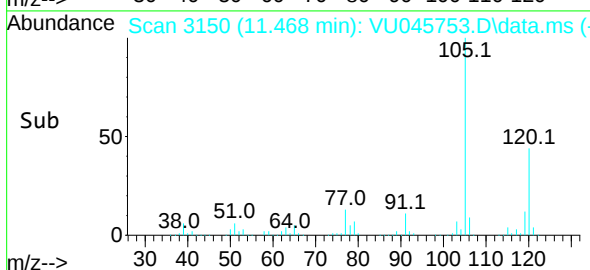
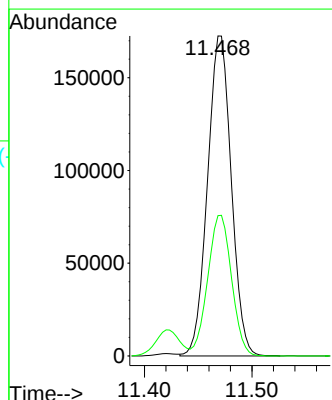
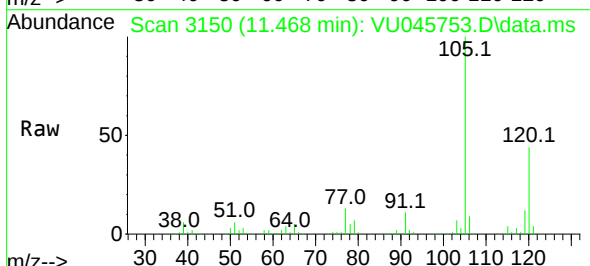
Delta R.T. 0.000 min

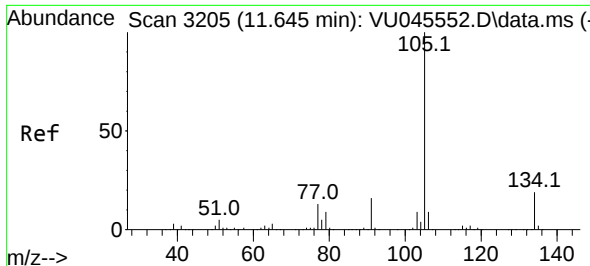
Lab File: VU045753.D

Acq: 11 Nov 2021 20:51

Tgt Ion:105 Resp: 264882

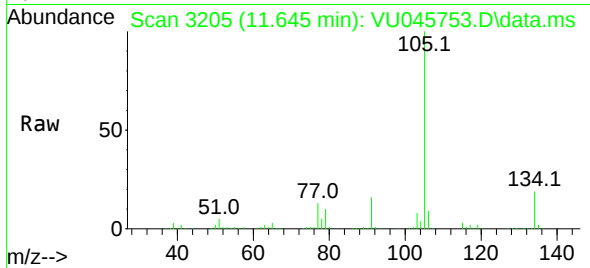
Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.2	66.6





#85
 sec-Butylbenzene
 Concen: 45.161 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU045753.D
 Acq: 11 Nov 2021 20:51

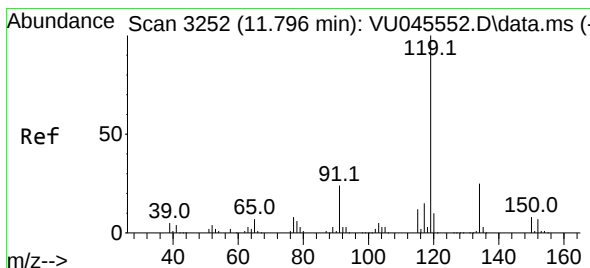
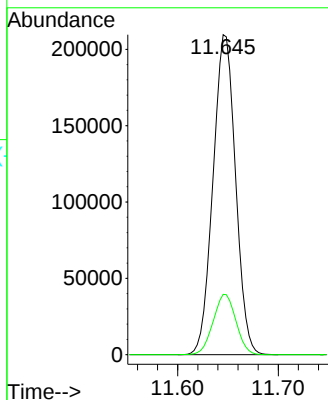
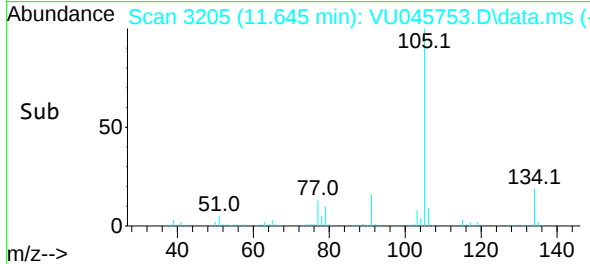
Instrument :
 MSVOA_U
 ClientSampleId :
 56BR-20211108MSD



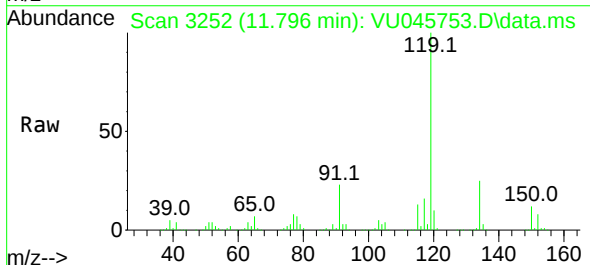
Tgt Ion:105 Resp: 326395
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.4 28.3

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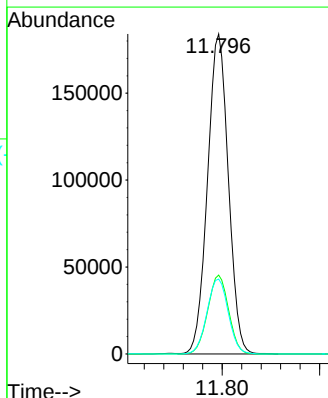
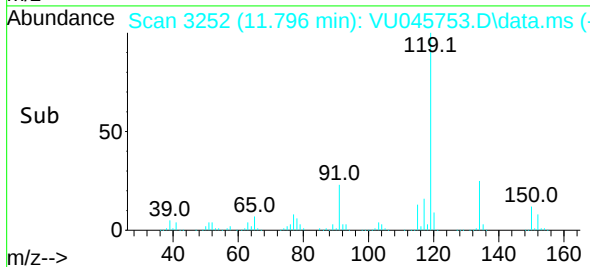
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

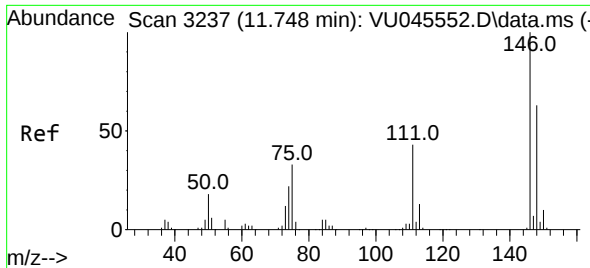


#86
 p-Isopropyltoluene
 Concen: 45.167 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045753.D
 Acq: 11 Nov 2021 20:51



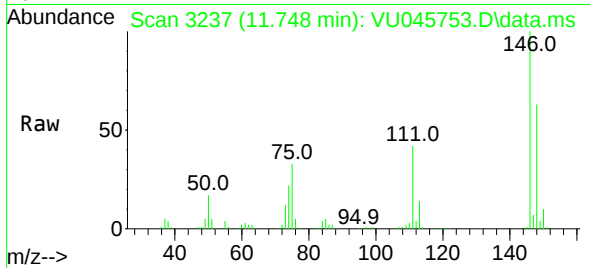
Tgt Ion:119 Resp: 272786
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.7 38.1
 91 24.0 12.2 36.4





#87
1,3-Dichlorobenzene
Concen: 43.683 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

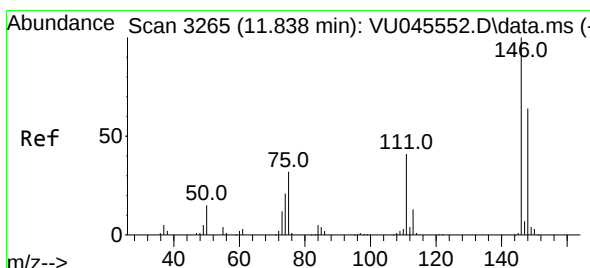
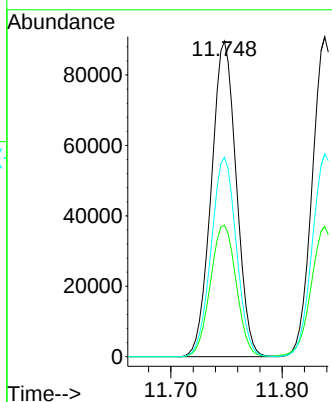
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MSD



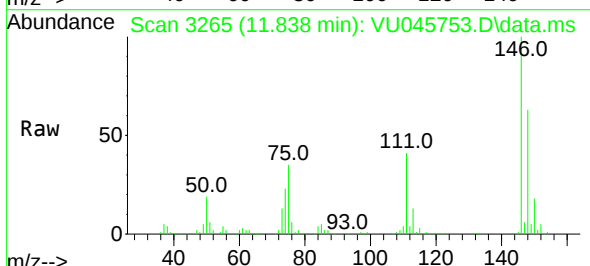
Tgt Ion:146 Resp: 140017
Ion Ratio Lower Upper
146 100
111 42.9 21.3 63.9
148 63.5 31.7 95.1

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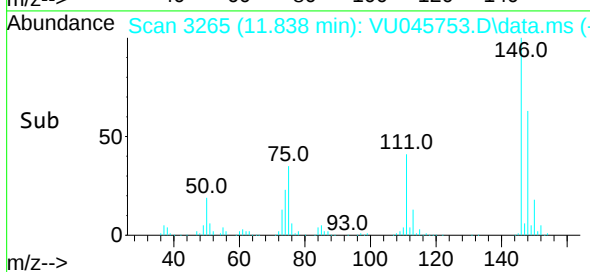
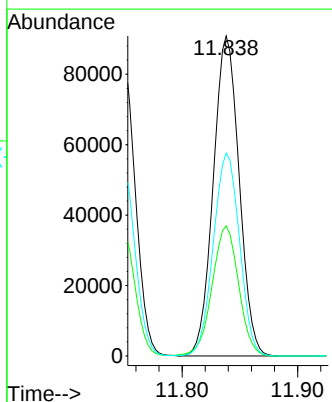
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

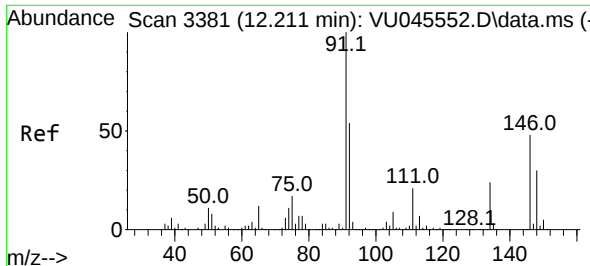


#88
1,4-Dichlorobenzene
Concen: 43.604 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51



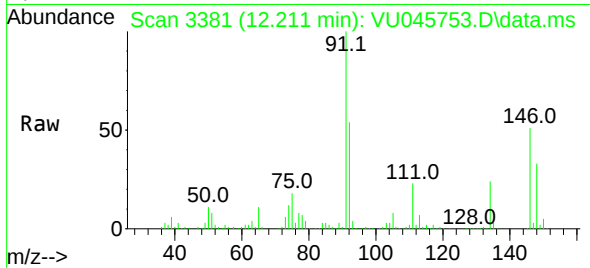
Tgt Ion:146 Resp: 141356
Ion Ratio Lower Upper
146 100
111 41.7 20.6 61.9
148 64.2 31.9 95.7





#89
n-Butylbenzene
Concen: 42.546 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

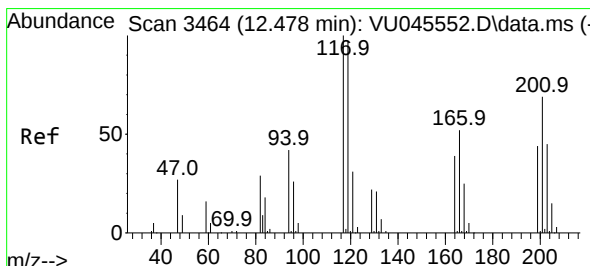
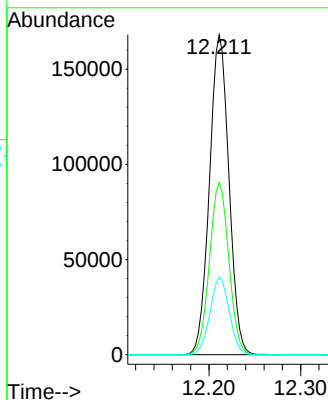
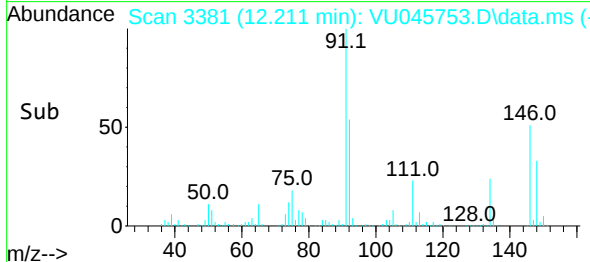
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MSD



Tgt Ion: 91 Resp: 24752
Ion Ratio Lower Upper
91 100
92 53.6 27.1 81.2
134 24.0 11.8 35.4

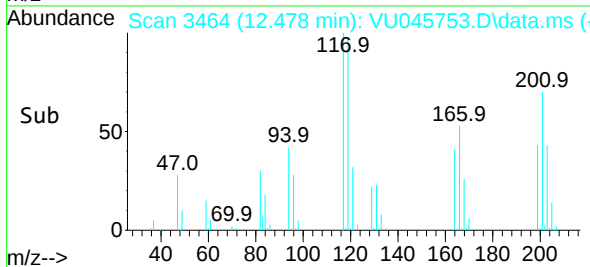
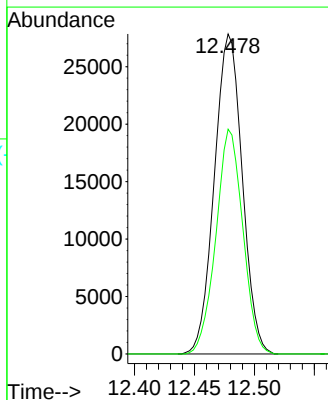
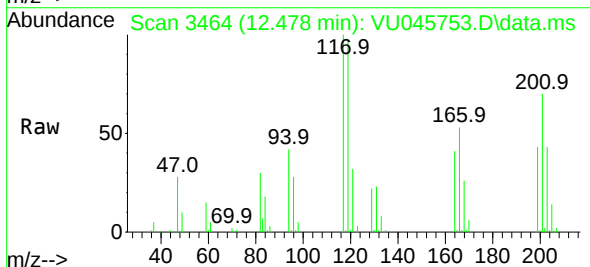
Manual Integrations
APPROVED

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



#90
Hexachloroethane
Concen: 41.277 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

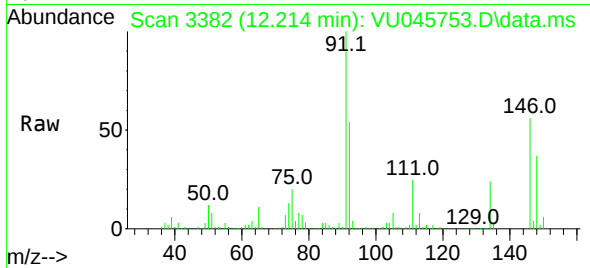
Tgt Ion:117 Resp: 44972
Ion Ratio Lower Upper
117 100
201 67.7 33.8 101.4





#91
1,2-Dichlorobenzene
Concen: 45.775 ug/l
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

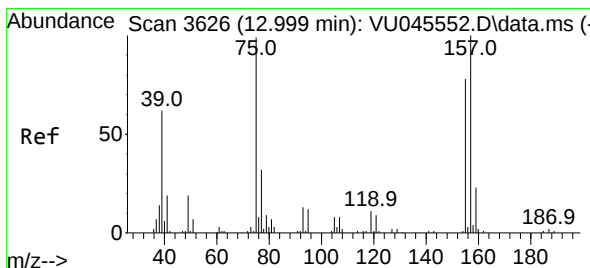
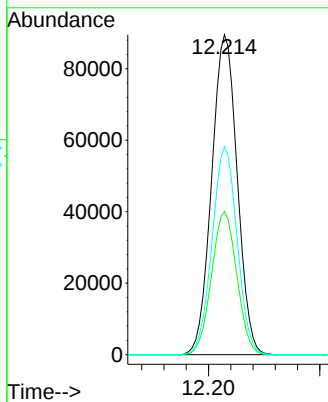
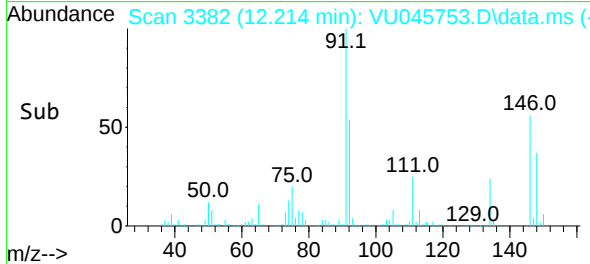
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MSD



Tgt Ion:146 Resp: 142749
Ion Ratio Lower Upper
146 100
111 44.2 21.9 65.5
148 63.7 32.1 96.3

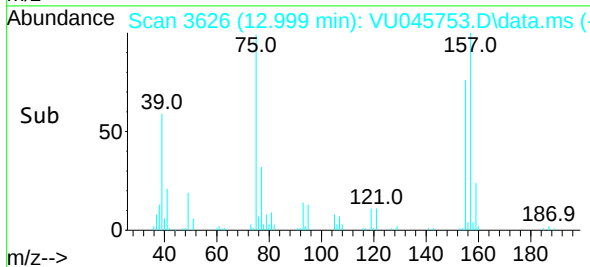
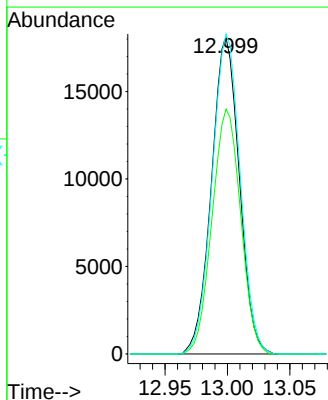
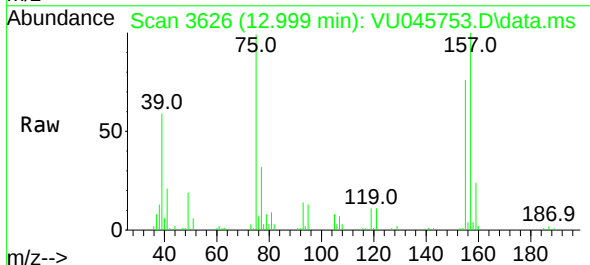
Manual Integrations
APPROVED

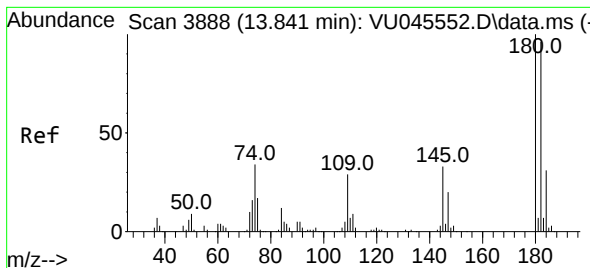
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.084 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

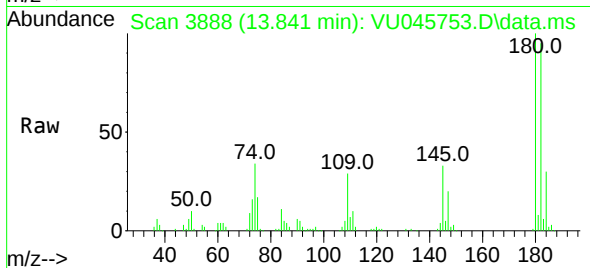
Tgt Ion: 75 Resp: 28189
Ion Ratio Lower Upper
75 100
155 79.1 37.8 113.3
157 101.6 48.4 145.2





#93
 1,2,4-Trichlorobenzene
 Concen: 43.256 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU045753.D
 Acq: 11 Nov 2021 20:51

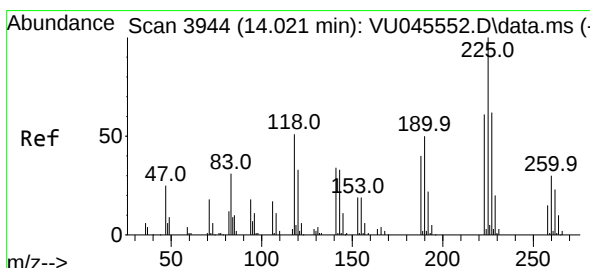
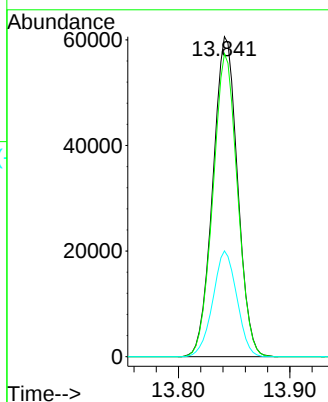
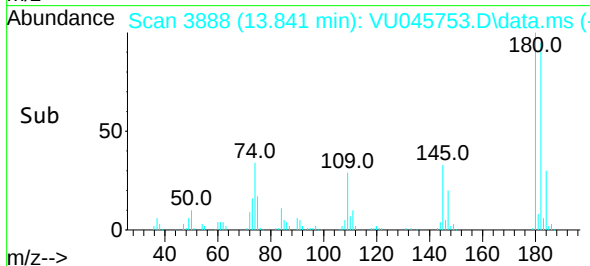
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 ClientSampleId :
 56BR-20211108MSD



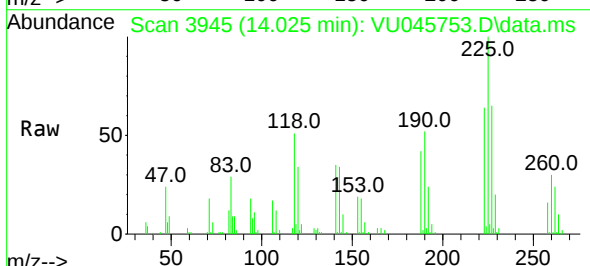
Tgt Ion:180 Resp: 93268
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.0 141.2
 145 32.1 15.6 46.7

Manual Integrations
 APPROVED

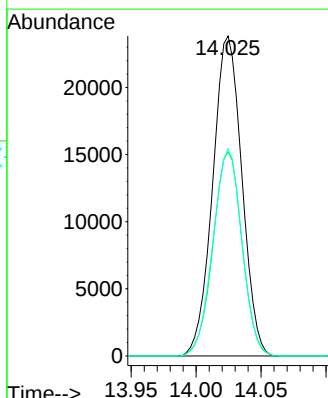
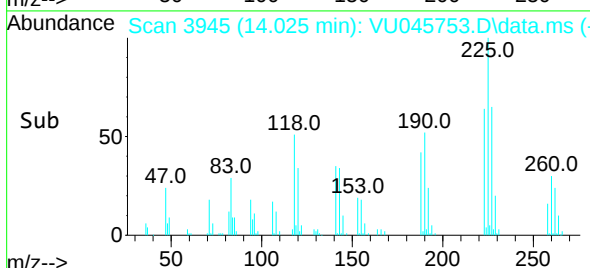
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

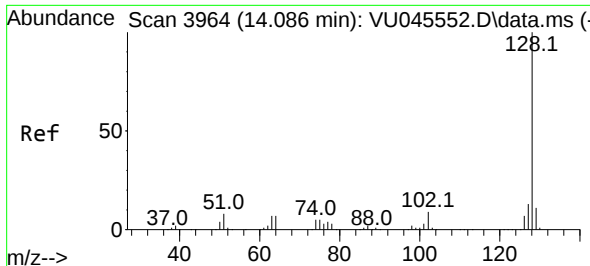


#94
 Hexachlorobutadiene
 Concen: 39.933 ug/l
 RT: 14.025 min Scan# 3945
 Delta R.T. 0.003 min
 Lab File: VU045753.D
 Acq: 11 Nov 2021 20:51



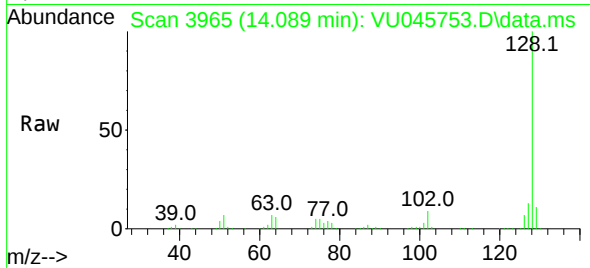
Tgt Ion:225 Resp: 37168
 Ion Ratio Lower Upper
 225 100
 223 63.4 32.0 96.2
 227 64.0 31.1 93.5





#95
Naphthalene
Concen: 43.979 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51

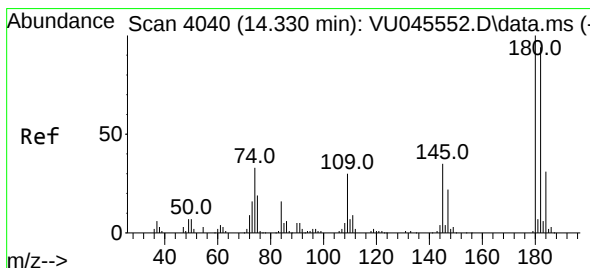
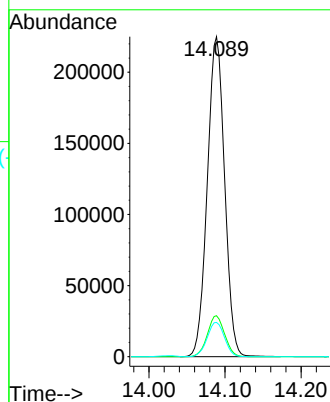
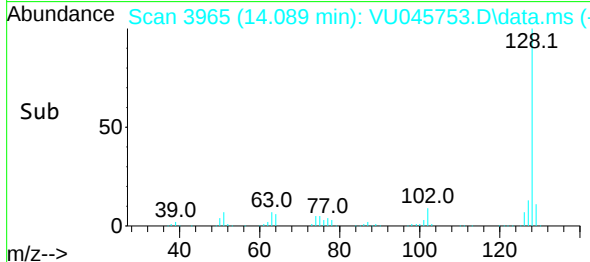
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108MSD



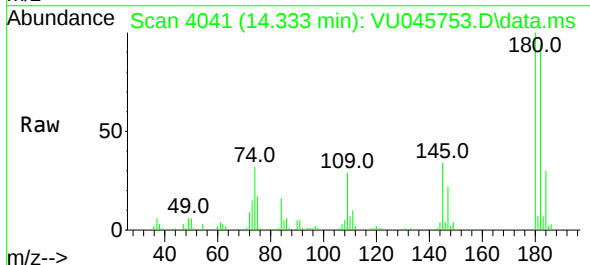
Tgt Ion:128 Resp: 355479
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.8 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 45.628 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU045753.D
Acq: 11 Nov 2021 20:51



Tgt Ion:180 Resp: 97722
Ion Ratio Lower Upper
180 100
182 93.2 47.7 143.1
145 34.0 16.7 50.0

