

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111121\
 Data File : VU045732.D
 Acq On : 11 Nov 2021 12:45
 Operator : SY/MD
 Sample : VU1111WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Nov 12 06:06:26 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

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	108782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	189166	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	185940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	94661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	86973	53.386	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.780%			
35) Dibromofluoromethane	5.292	113	65786	52.089	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.180%			
50) Toluene-d8	7.903	98	246790	52.550	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.100%			
62) 4-Bromofluorobenzene	10.636	95	94806	50.343	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	26842	19.031	ug/l	99
3) Chloromethane	1.523	50	30046	18.619	ug/l	99
4) Vinyl Chloride	1.604	62	30435	19.361	ug/l	99
5) Bromomethane	1.851	94	19910	22.707	ug/l	98
6) Chloroethane	1.932	64	18472	18.006	ug/l	98
7) Trichlorofluoromethane	2.138	101	41652	20.037	ug/l	98
8) Diethyl Ether	2.375	74	17874	21.722	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.581	101	24981	20.580	ug/l	98
10) Methyl Iodide	2.723	142	26261	16.532	ug/l	92
11) Tert butyl alcohol	3.176	59	35708	110.737	ug/l	100
12) 1,1-Dichloroethene	2.581	96	22717	18.982	ug/l	96
13) Acrolein	2.488	56	4676	100.068	ug/l	94
14) Allyl chloride	2.925	41	41693	19.510	ug/l	99
15) Acrylonitrile	3.314	53	94203	109.420	ug/l	97
16) Acetone	2.623	43	82124	99.027	ug/l	100
17) Carbon Disulfide	2.793	76	57522	17.159	ug/l	100
18) Methyl Acetate	2.948	43	60776	21.516	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	89666	20.814	ug/l	99
20) Methylene Chloride	3.047	84	29949	20.784	ug/l	97
21) trans-1,2-Dichloroethene	3.356	96	25501	20.481	ug/l	96
22) Diisopropyl ether	3.996	45	88265	21.036	ug/l	98
23) Vinyl Acetate	3.957	43	338850	104.999	ug/l	99
24) 1,1-Dichloroethane	3.871	63	52072	20.825	ug/l	97
25) 2-Butanone	4.703	43	122731	106.702	ug/l	99
26) 2,2-Dichloropropane	4.671	77	40495	19.544	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	30051	20.549	ug/l	99
28) Bromochloromethane	4.977	49	24964	20.942	ug/l	98
29) Tetrahydrofuran	5.051	42	74813	106.333	ug/l	99
30) Chloroform	5.092	83	53332	21.567	ug/l	98
31) Cyclohexane	5.391	56	45106	18.975	ug/l	95
32) 1,1,1-Trichloroethane	5.321	97	43579	20.665	ug/l	98
36) 1,1-Dichloropropene	5.530	75	36787	19.944	ug/l	99
37) Ethyl Acetate	4.806	43	46131	21.772	ug/l	99
38) Carbon Tetrachloride	5.530	117	36821	19.801	ug/l	100
39) Methylcyclohexane	6.768	83	42525	18.793	ug/l	97
40) Benzene	5.777	78	111045	20.334	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	23982	21.418	ug/l	95
42) 1,2-Dichloroethane	5.797	62	42854	21.725	ug/l	99
43) Isopropyl Acetate	5.912	43	67459	20.815	ug/l	99
44) Trichloroethene	6.546	130	27162	20.779	ug/l	99
45) 1,2-Dichloropropane	6.793	63	31153	21.560	ug/l	98
46) Dibromomethane	6.922	93	21580	21.554	ug/l	100
47) Bromodichloromethane	7.108	83	40746	21.449	ug/l	96
48) Methyl methacrylate	6.960	41	30902	20.717	ug/l	98
49) 1,4-Dioxane	6.964	88	16864	439.624	ug/l #	99
51) 4-Methyl-2-Pentanone	7.793	43	228955	107.097	ug/l	100
52) Toluene	7.973	92	70493	21.085	ug/l	98
53) t-1,3-Dichloropropene	8.214	75	42446	19.441	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	47886	20.650	ug/l	95
55) 1,1,2-Trichloroethane	8.404	97	30372	21.919	ug/l	98
56) Ethyl methacrylate	8.333	69	44218	19.353	ug/l	98
57) 1,3-Dichloropropane	8.578	76	53399	21.397	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	97403	76.355	ug/l	98
59) 2-Hexanone	8.684	43	173904	98.205	ug/l	99
60) Dibromochloromethane	8.813	129	30798	21.345	ug/l	98
61) 1,2-Dibromoethane	8.925	107	31240	21.021	ug/l	100
64) Tetrachloroethene	8.555	164	23331	21.862	ug/l	98
65) Chlorobenzene	9.449	112	72545	19.863	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	26911	20.659	ug/l	98
67) Ethyl Benzene	9.575	91	130831	20.003	ug/l	99
68) m/p-Xylenes	9.697	106	102282	41.465	ug/l	98
69) o-Xylene	10.105	106	48863	20.375	ug/l	100
70) Styrene	10.118	104	83142	20.493	ug/l	98
71) Bromoform	10.295	173	21835	19.704	ug/l #	99
73) Isopropylbenzene	10.488	105	129944	21.009	ug/l	100
74) N-amyl acetate	10.320	43	51995	18.635	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	52111	21.265	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	45731m	15.930	ug/l	
77) Bromobenzene	10.787	156	31722	21.124	ug/l	95
78) n-propylbenzene	10.909	91	158944	20.648	ug/l	100
79) 2-Chlorotoluene	10.989	91	95031	20.895	ug/l	98
80) 1,3,5-Trimethylbenzene	11.092	105	112329	20.786	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	13983	17.994	ug/l	95
82) 4-Chlorotoluene	11.099	91	110408	20.700	ug/l	99
83) tert-Butylbenzene	11.423	119	105293	20.440	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	111966	20.847	ug/l	100
85) sec-Butylbenzene	11.648	105	140155	20.515	ug/l	99
86) p-Isopropyltoluene	11.796	119	114022	19.972	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	60445	19.949	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	61038	19.918	ug/l	99
89) n-Butylbenzene	12.211	91	103247	18.774	ug/l	99
90) Hexachloroethane	12.478	117	19038	18.485	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	60325	20.464	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	11568	20.006	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	37757	18.524	ug/l	98
94) Hexachlorobutadiene	14.025	225	16250	18.470	ug/l	98
95) Naphthalene	14.089	128	139170	18.817	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	40290	19.901	ug/l	98

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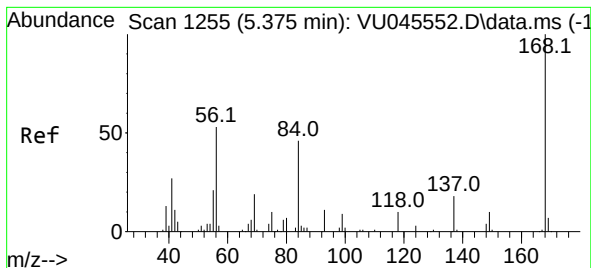
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration

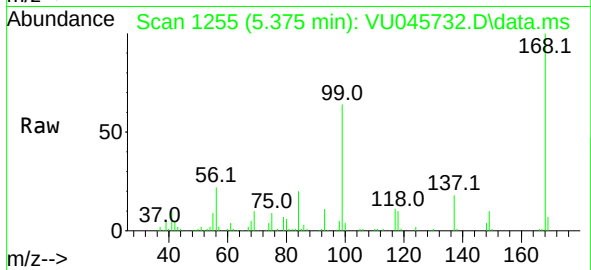
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045732.D
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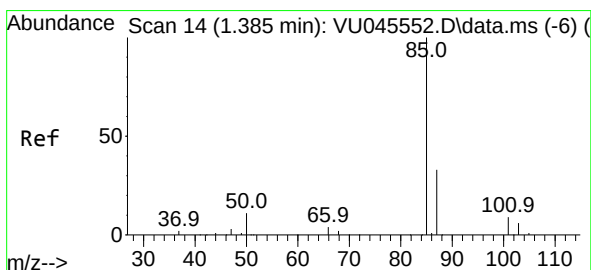
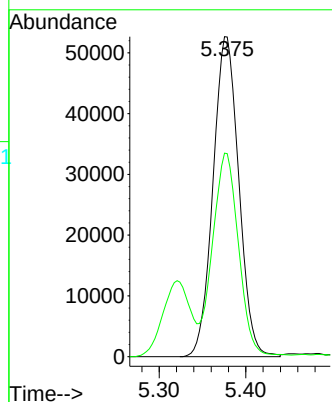
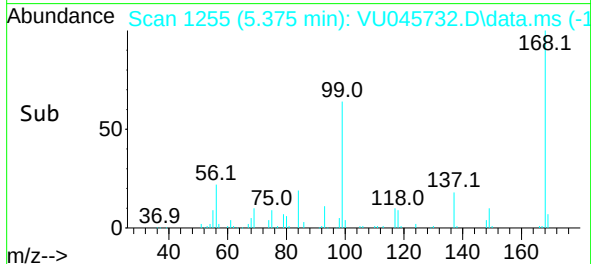
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:168 Resp: 10878
Ion Ratio Lower Upper
168 100
99 62.9 51.0 76.6

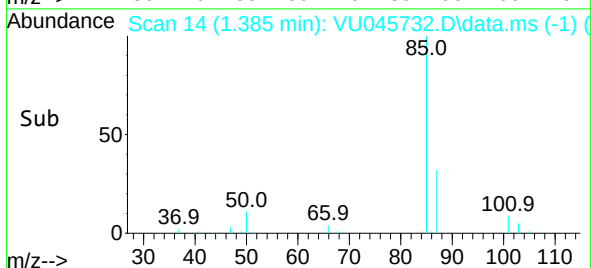
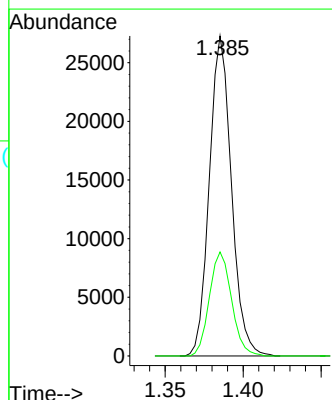
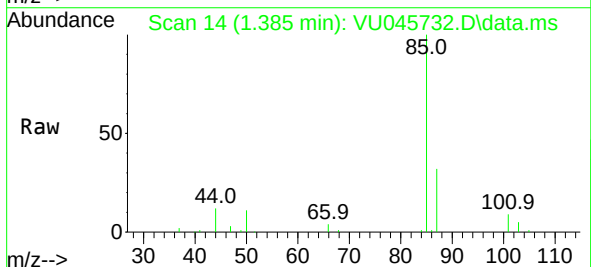
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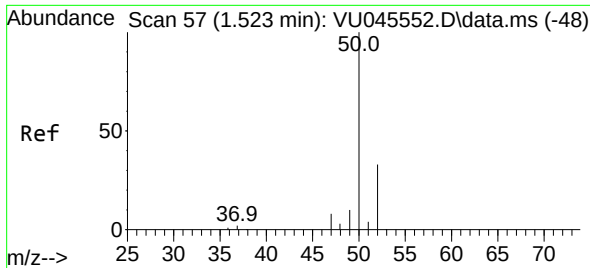
Reviewed By :John Carlone 11/12/2021
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#2
Dichlorodifluoromethane
Concen: 19.031 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

Tgt Ion: 85 Resp: 26842
Ion Ratio Lower Upper
85 100
87 32.5 15.9 47.7





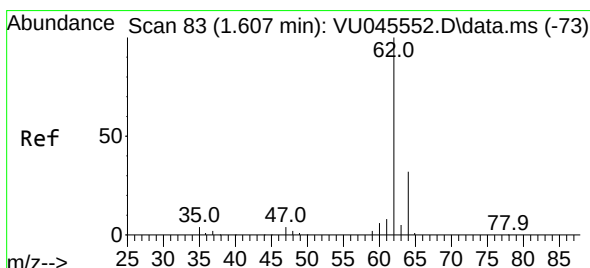
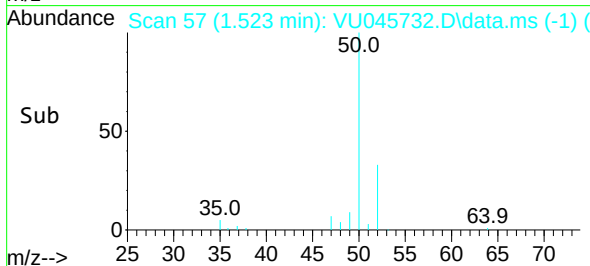
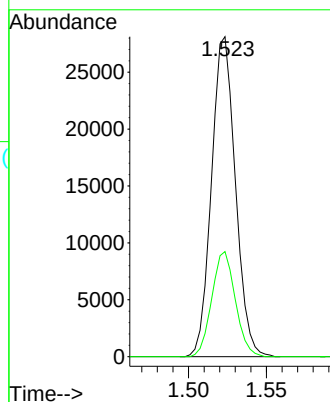
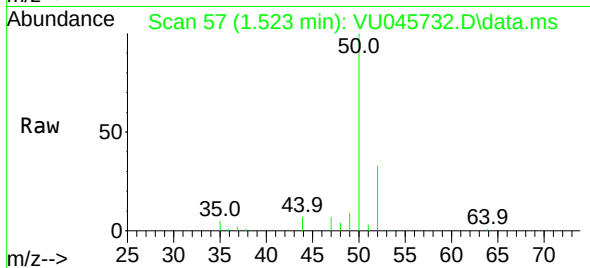
#3
Chloromethane
Concen: 18.619 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

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Tgt Ion: 50 Resp: 30040
Ion Ratio Lower Upper
50 100
52 32.8 26.6 40.0

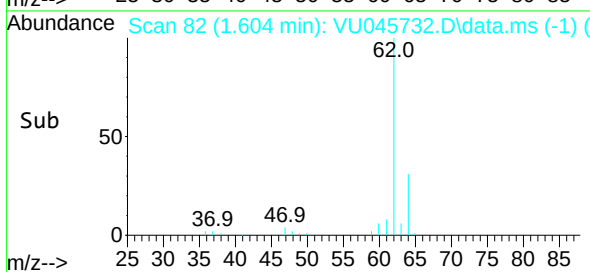
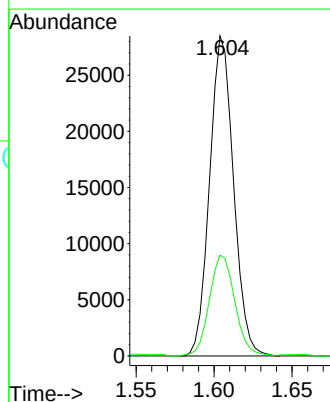
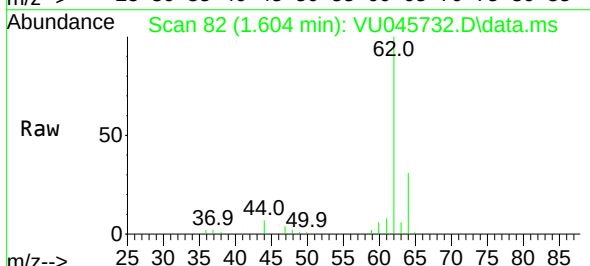
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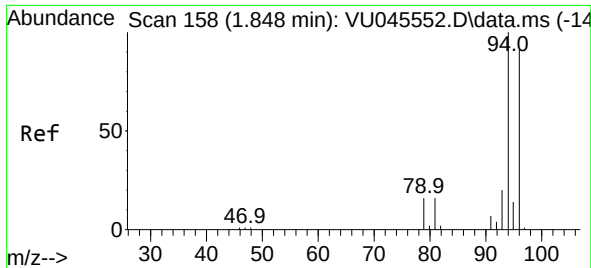
Reviewed By :John Carlone 11/12/2021
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#4
Vinyl Chloride
Concen: 19.361 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

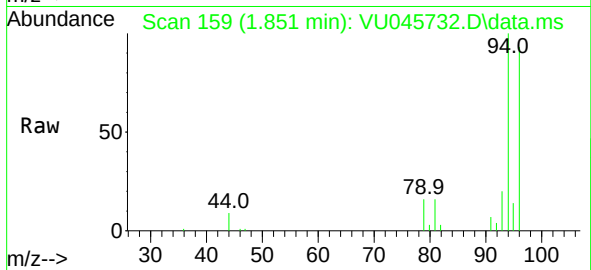
Tgt Ion: 62 Resp: 30435
Ion Ratio Lower Upper
62 100
64 31.5 25.8 38.6





#5
Bromomethane
Concen: 22.707 ug/l
RT: 1.851 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

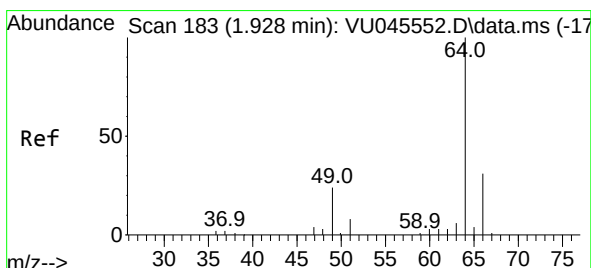
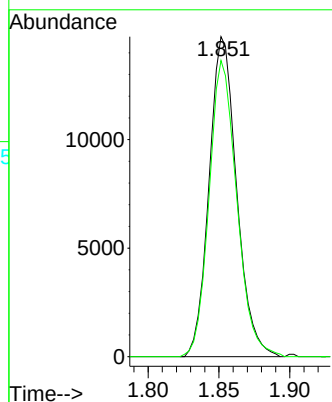
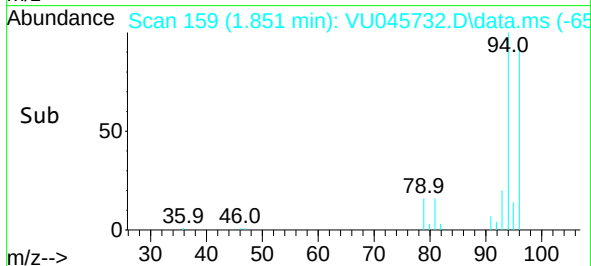
Instrument :
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Tgt Ion: 94 Resp: 19910
Ion Ratio Lower Upper
94 100
96 92.6 75.4 113.2

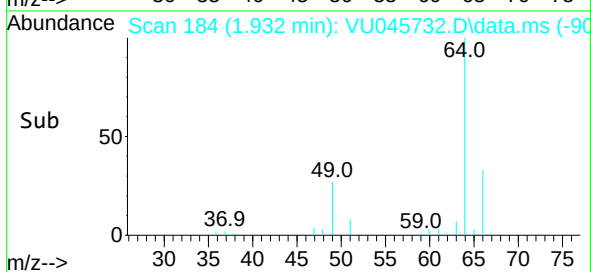
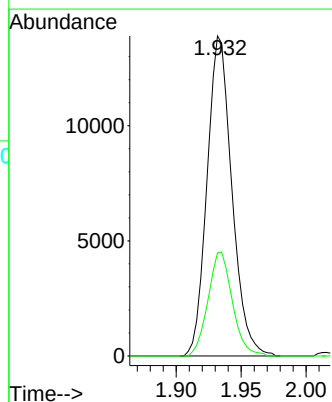
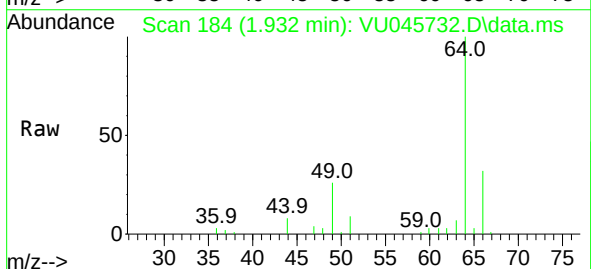
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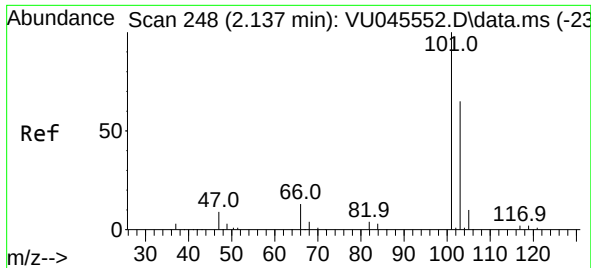
Reviewed By :John Carlone 11/12/2021
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#6
Chloroethane
Concen: 18.006 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

Tgt Ion: 64 Resp: 18472
Ion Ratio Lower Upper
64 100
66 32.2 26.7 40.1





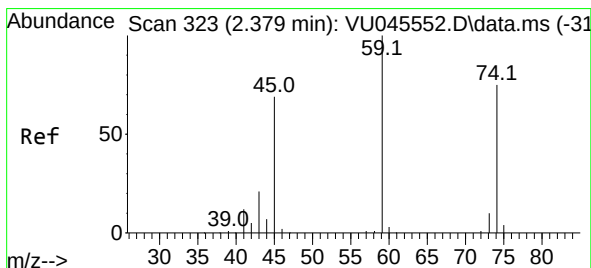
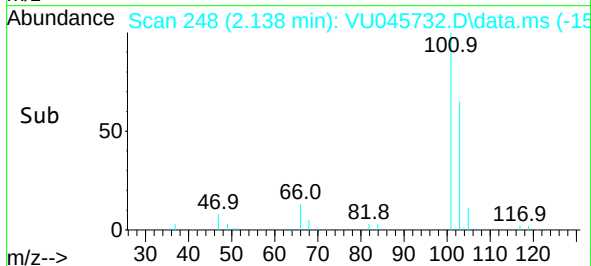
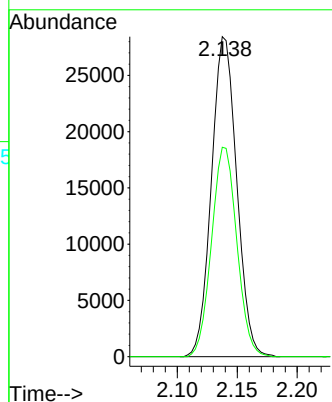
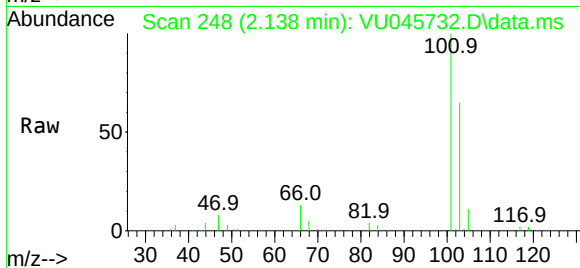
#7
Trichlorofluoromethane
Concen: 20.037 ug/l
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

Tgt Ion:101 Resp: 41652
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.0

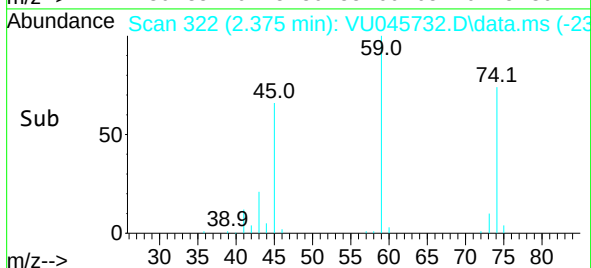
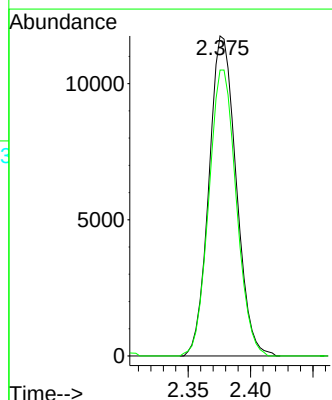
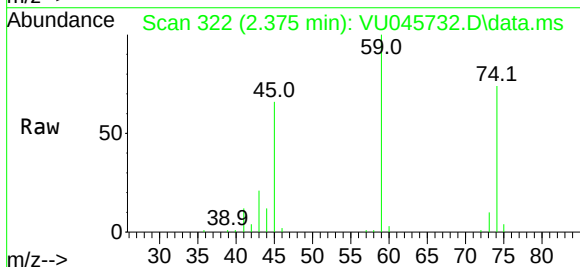
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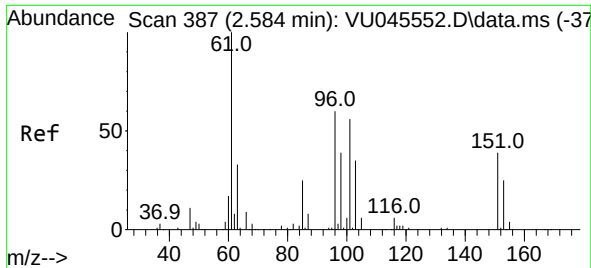
Reviewed By :John Carlone 11/12/2021
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#8
Diethyl Ether
Concen: 21.722 ug/l
RT: 2.375 min Scan# 322
Delta R.T. -0.003 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

Tgt Ion: 74 Resp: 17874
Ion Ratio Lower Upper
74 100
45 90.1 47.3 141.8





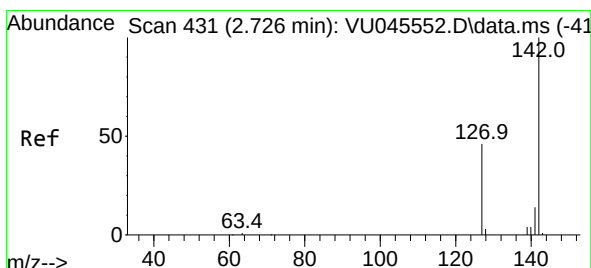
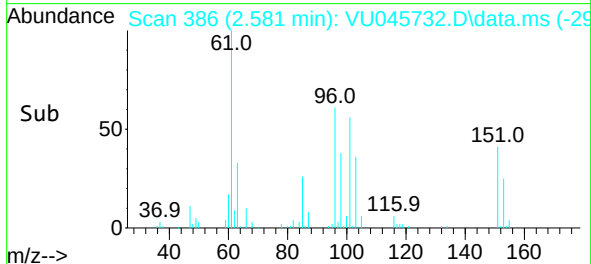
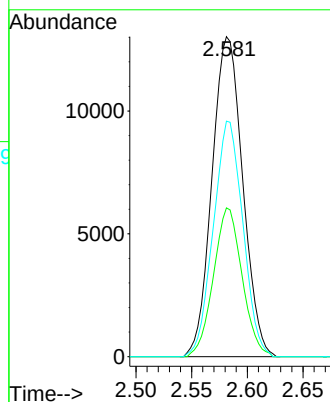
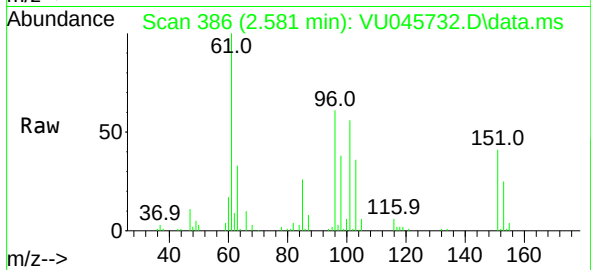
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.580 ug/l
RT: 2.581 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

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Tgt Ion:101 Resp: 2498
Ion Ratio Lower Upper
101 100
85 43.3 35.0 52.4
151 70.9 54.6 82.0

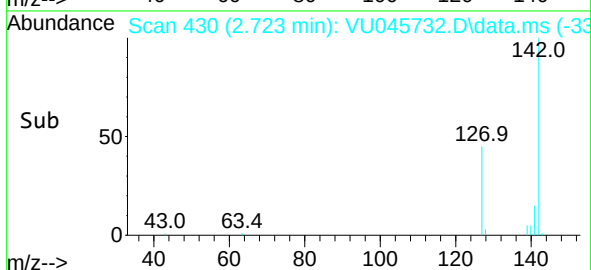
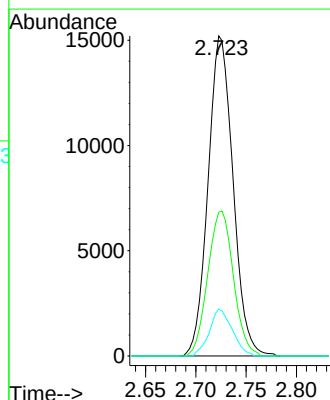
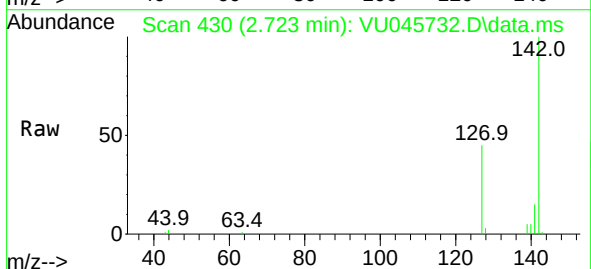
Manual Integrations
APPROVED

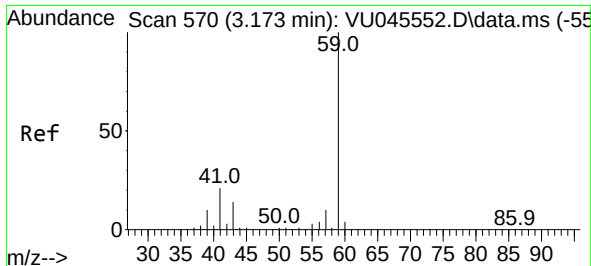
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#10
Methyl Iodide
Concen: 16.532 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

Tgt Ion:142 Resp: 26261
Ion Ratio Lower Upper
142 100
127 46.5 32.2 48.2
141 13.4 11.3 16.9





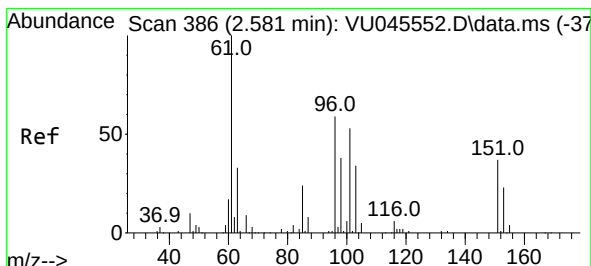
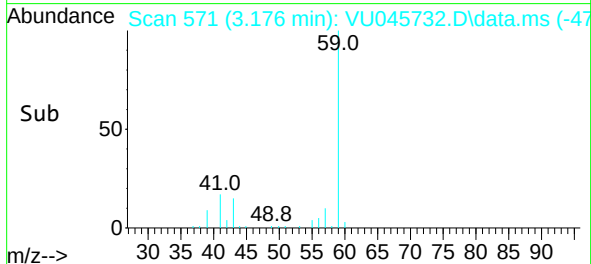
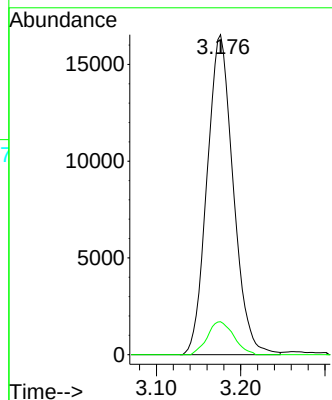
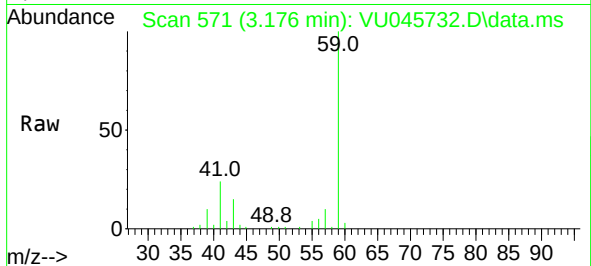
#11
Tert butyl alcohol
Concen: 110.737 ug/l
RT: 3.176 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

Tgt Ion: 59 Resp: 35708
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

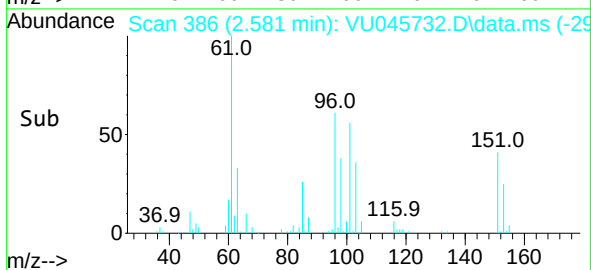
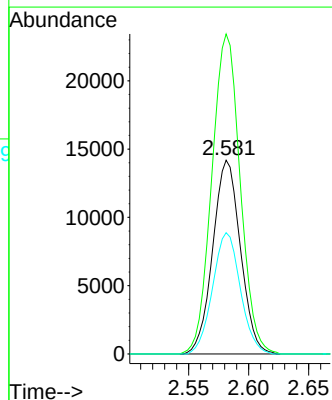
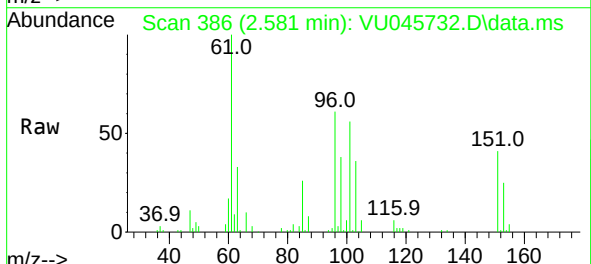
Manual Integrations
APPROVED

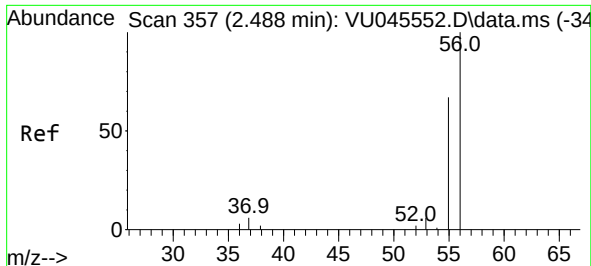
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#12
1,1-Dichloroethene
Concen: 18.982 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

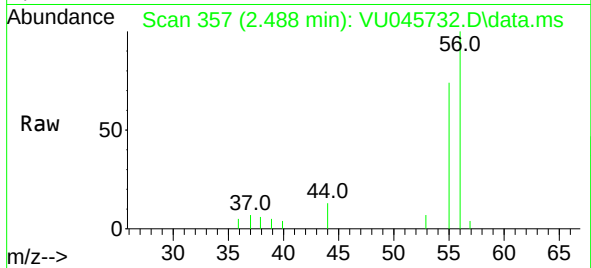
Tgt Ion: 96 Resp: 22717
Ion Ratio Lower Upper
96 100
61 165.2 137.1 205.7
98 62.6 51.5 77.3





#13
Acrolein
Concen: 100.068 ug/l
RT: 2.488 min Scan# 357
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

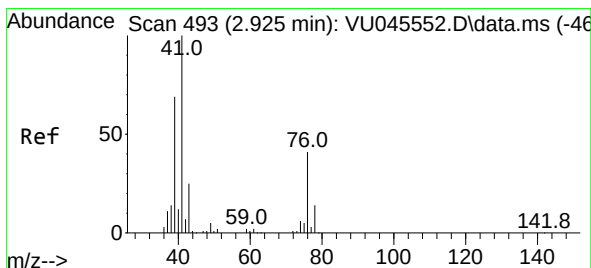
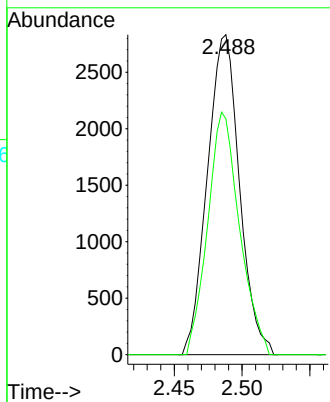
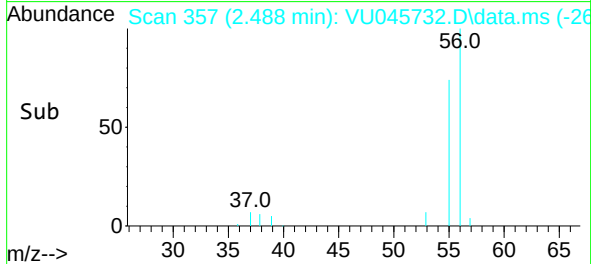
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01



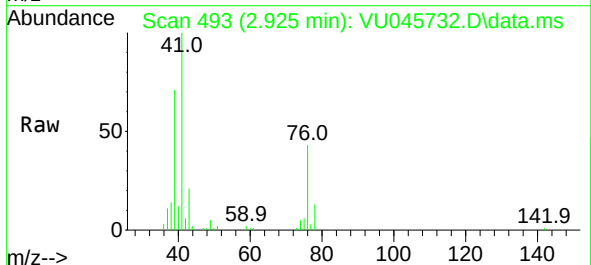
Tgt Ion: 56 Resp: 4670
Ion Ratio Lower Upper
56 100
55 75.0 56.3 84.5

Manual Integrations
APPROVED

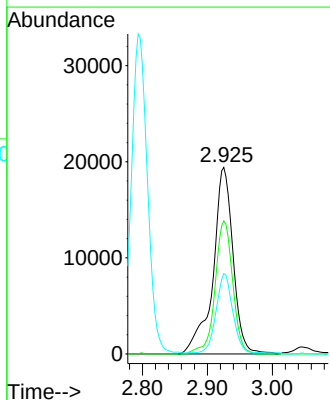
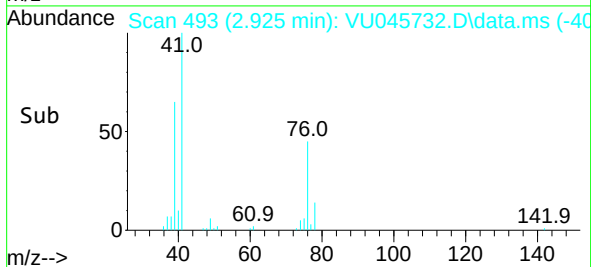
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

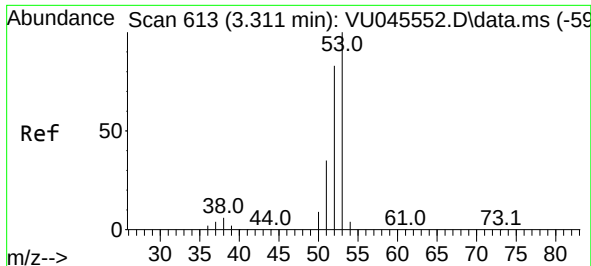


#14
Allyl chloride
Concen: 19.510 ug/l
RT: 2.925 min Scan# 493
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45



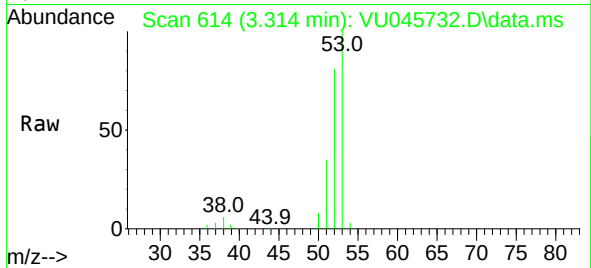
Tgt Ion: 41 Resp: 41693
Ion Ratio Lower Upper
41 100
39 62.4 49.7 74.5
76 35.1 27.7 41.5





#15
Acrylonitrile
Concen: 109.420 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

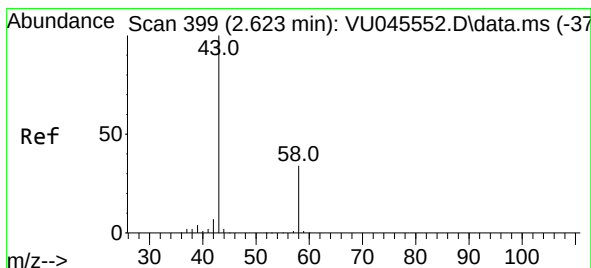
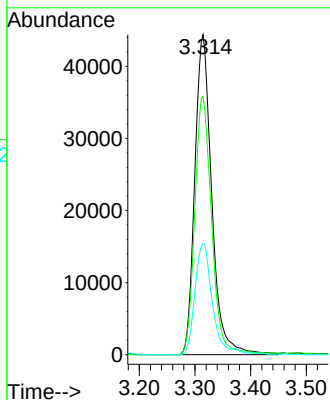
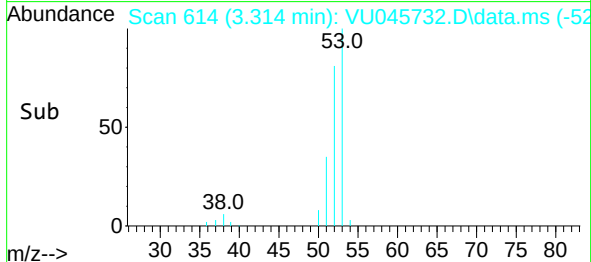
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01



Tgt Ion: 53 Resp: 9420
Ion Ratio Lower Upper
53 100
52 79.8 66.6 100.0
51 34.5 28.4 42.6

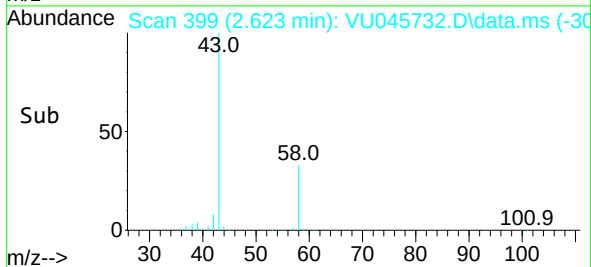
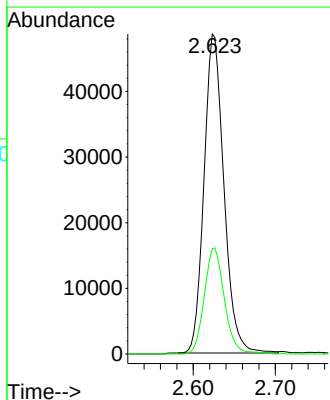
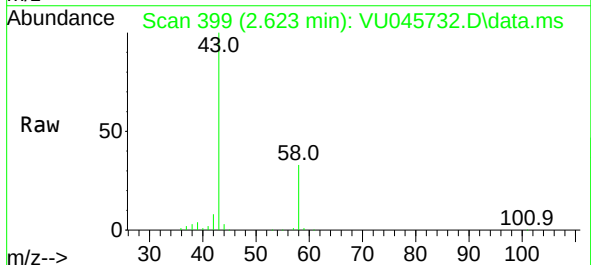
Manual Integrations
APPROVED

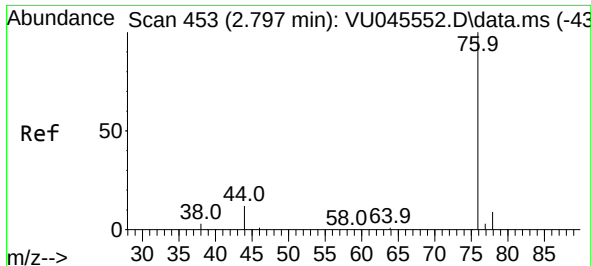
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#16
Acetone
Concen: 99.027 ug/l
RT: 2.623 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

Tgt Ion: 43 Resp: 82124
Ion Ratio Lower Upper
43 100
58 33.0 26.2 39.2





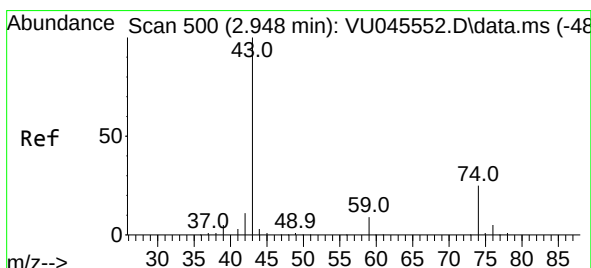
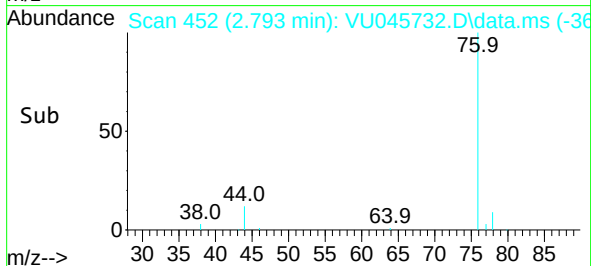
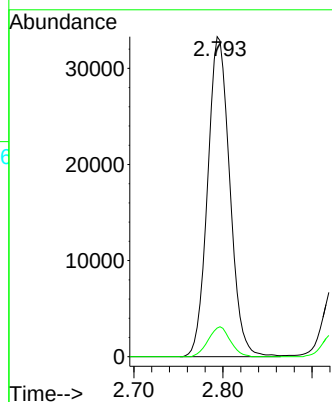
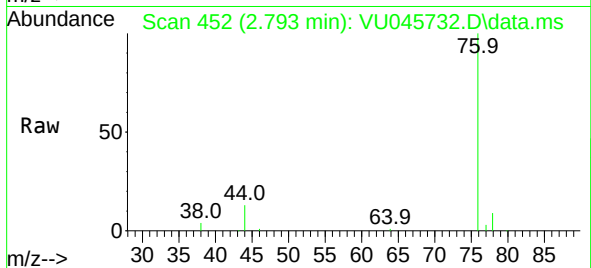
#17
Carbon Disulfide
Concen: 17.159 ug/l
RT: 2.793 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

Tgt Ion: 76 Resp: 5752
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

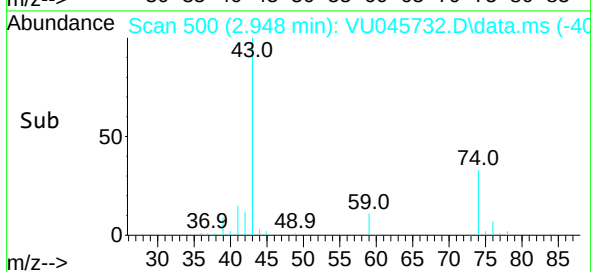
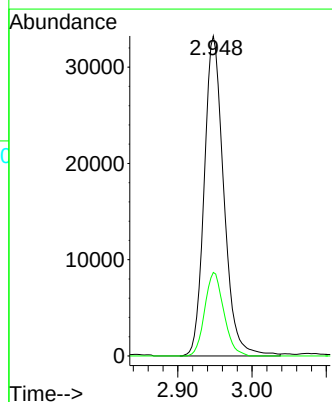
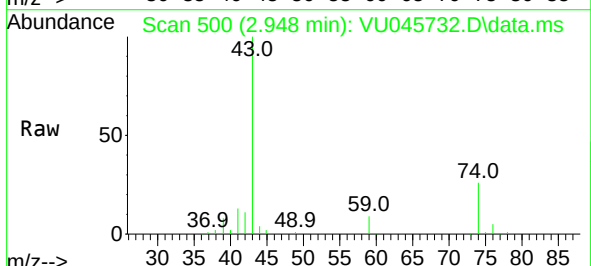
Manual Integrations
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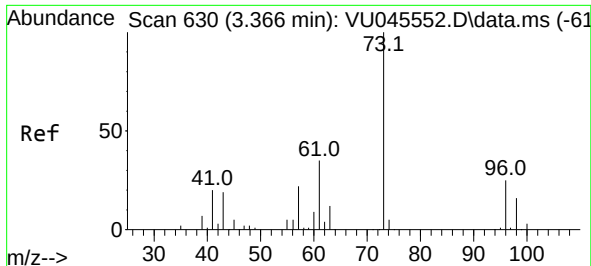
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#18
Methyl Acetate
Concen: 21.516 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

Tgt Ion: 43 Resp: 60776
Ion Ratio Lower Upper
43 100
74 25.4 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 20.814 ug/l

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU045732.D

Acq: 11 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBSD01

Tgt Ion: 73 Resp: 8966

Ion Ratio Lower Upper

73 100

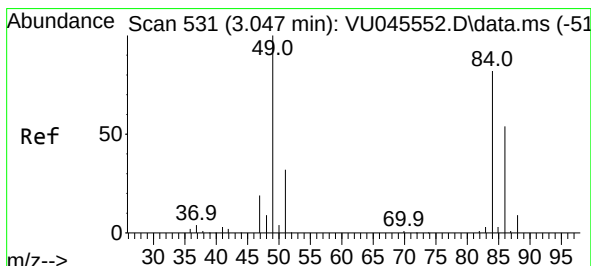
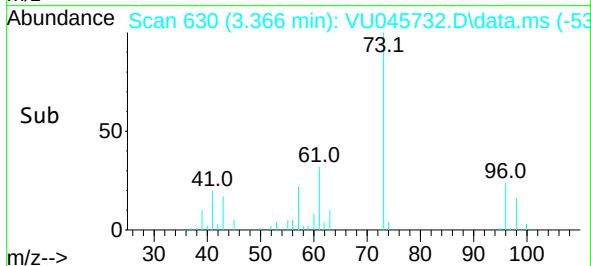
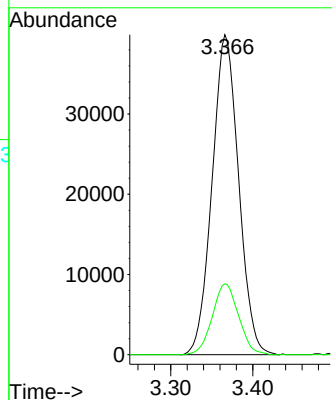
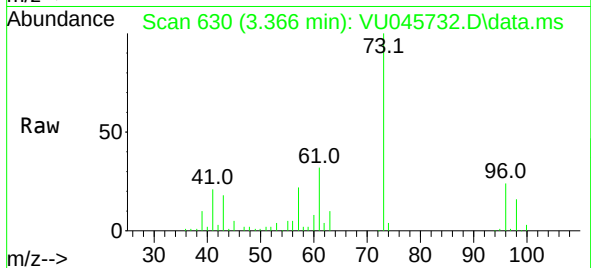
57 22.2 18.1 27.1

Manual Integrations

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Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#20

Methylene Chloride

Concen: 20.784 ug/l

RT: 3.047 min Scan# 531

Delta R.T. 0.000 min

Lab File: VU045732.D

Acq: 11 Nov 2021 12:45

Tgt Ion: 84 Resp: 29949

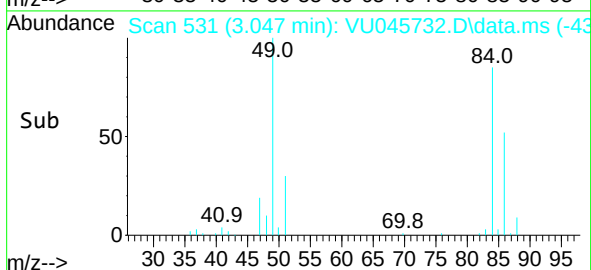
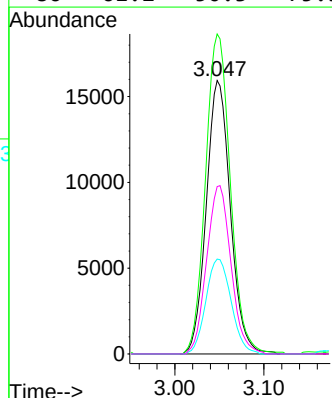
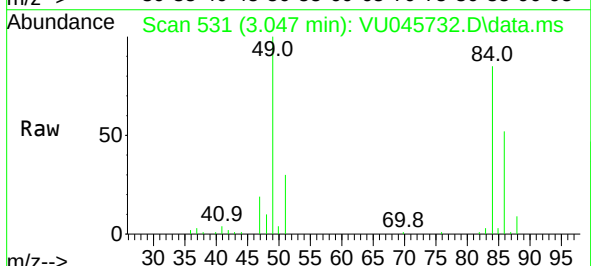
Ion Ratio Lower Upper

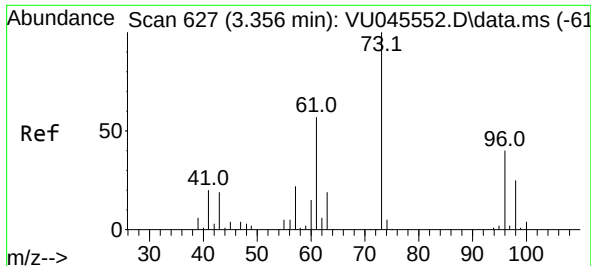
84 100

49 117.0 96.4 144.6

51 34.7 30.5 45.7

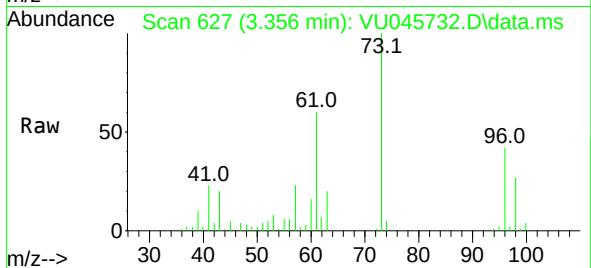
86 61.2 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 20.481 ug/l
RT: 3.356 min Scan# 611
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

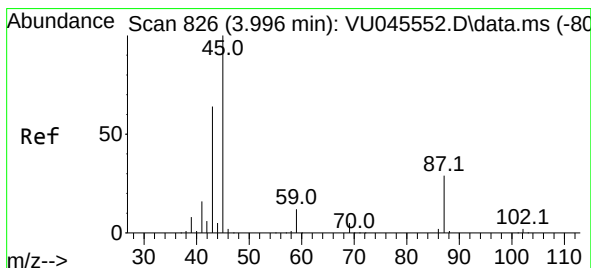
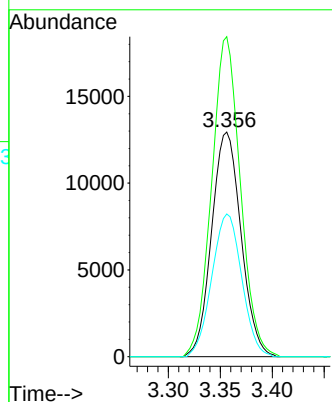
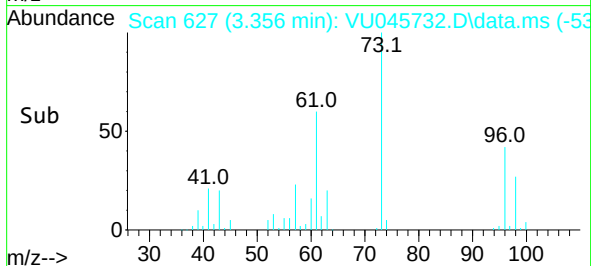
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01



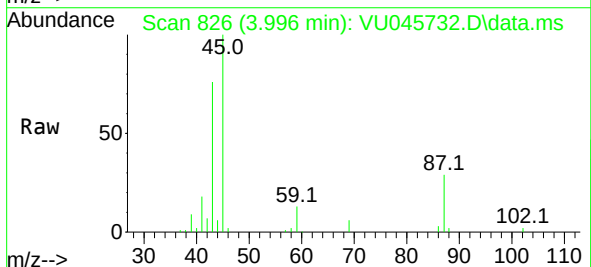
Tgt Ion: 96 Resp: 2550
Ion Ratio Lower Upper
96 100
61 142.5 118.2 177.4
98 63.6 52.1 78.1

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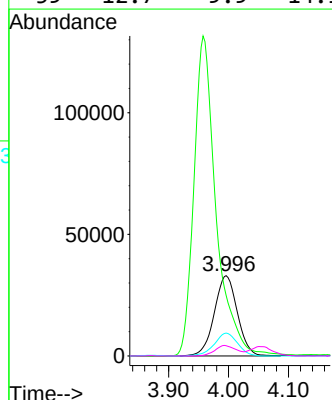
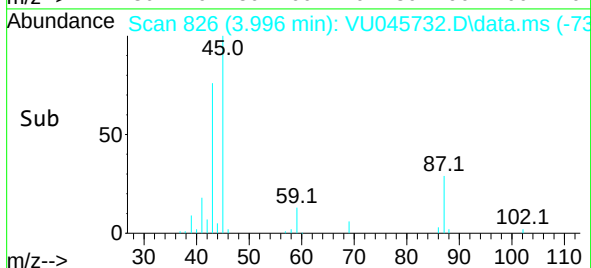
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

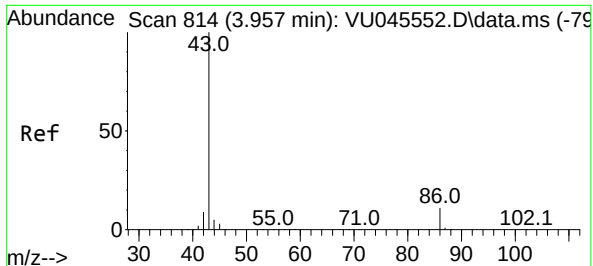


#22
Diisopropyl ether
Concen: 21.036 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45



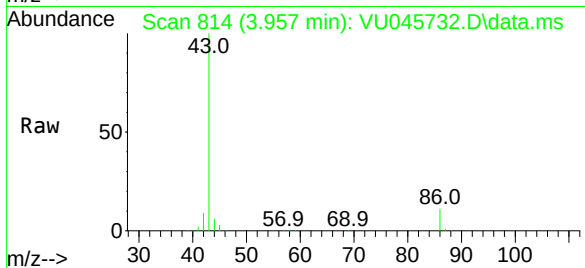
Tgt Ion: 45 Resp: 88265
Ion Ratio Lower Upper
45 100
43 73.2 60.0 90.0
87 28.6 22.3 33.5
59 12.7 9.9 14.9





#23
 Vinyl Acetate
 Concen: 104.999 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU045732.D
 Acq: 11 Nov 2021 12:45

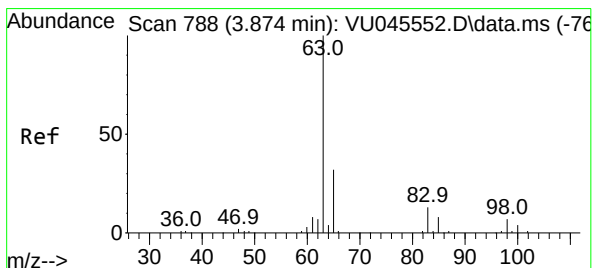
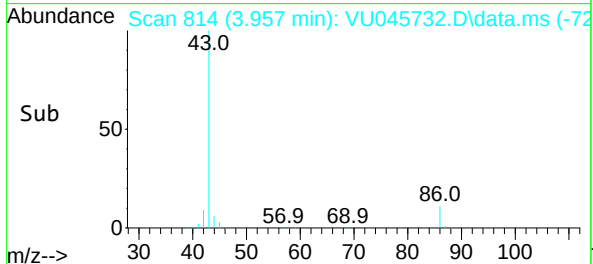
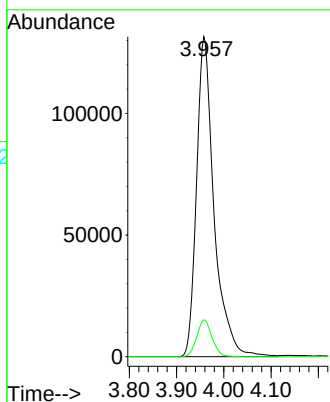
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBSD01



Tgt Ion: 43 Resp: 338850
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.9 13.3

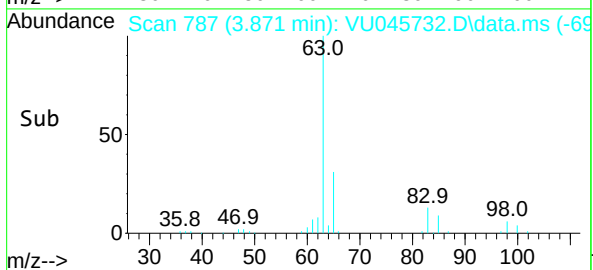
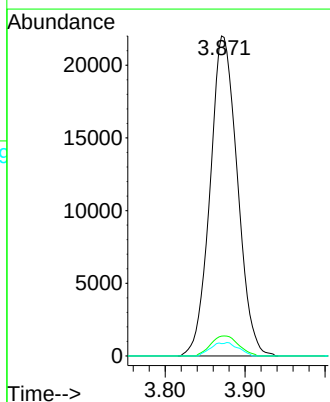
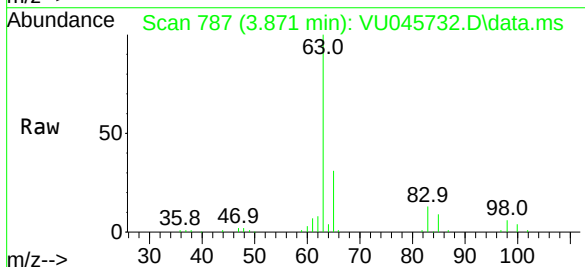
Manual Integrations
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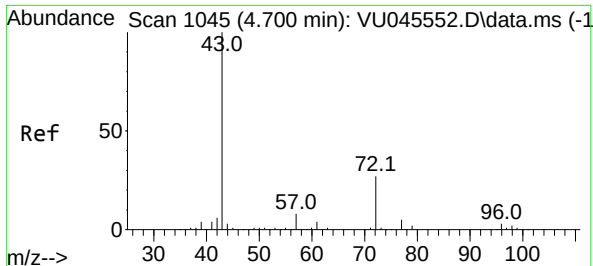
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#24
 1,1-Dichloroethane
 Concen: 20.825 ug/l
 RT: 3.871 min Scan# 787
 Delta R.T. -0.003 min
 Lab File: VU045732.D
 Acq: 11 Nov 2021 12:45

Tgt Ion: 63 Resp: 52072
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.6
 100 3.9 2.4 7.2





#25

2-Butanone

Concen: 106.702 ug/l

RT: 4.703 min Scan# 1046

Delta R.T. 0.003 min

Lab File: VU045732.D

Acq: 11 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBSD01

Tgt Ion: 43 Resp: 12273

Ion Ratio Lower Upper

43 100

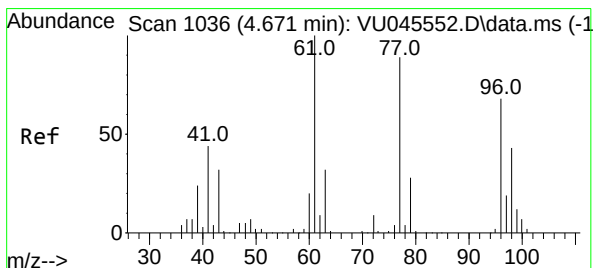
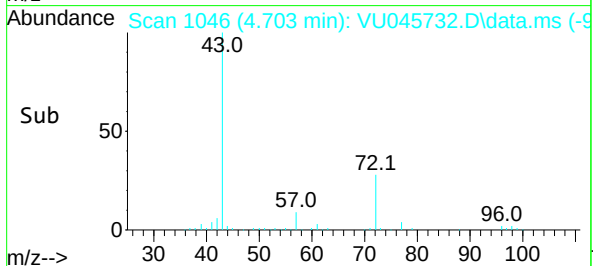
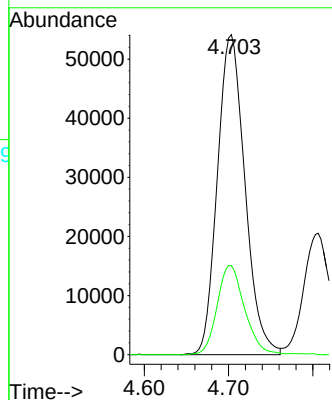
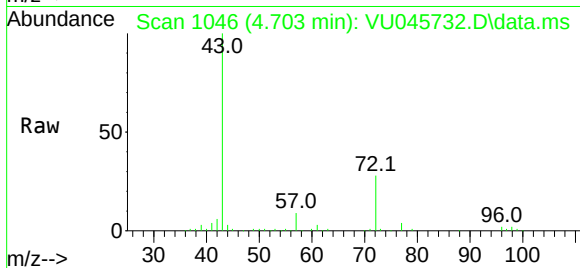
72 27.8 22.0 33.0

Manual Integrations

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Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#26

2,2-Dichloropropane

Concen: 19.544 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU045732.D

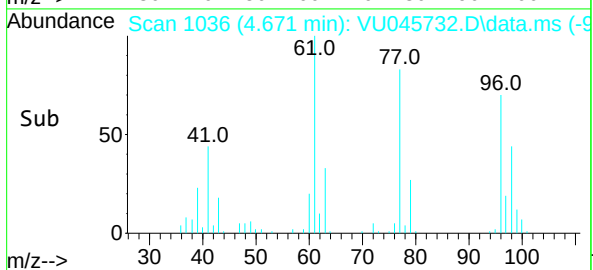
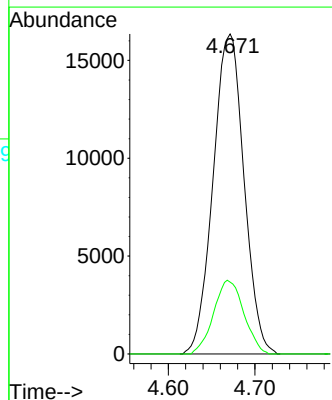
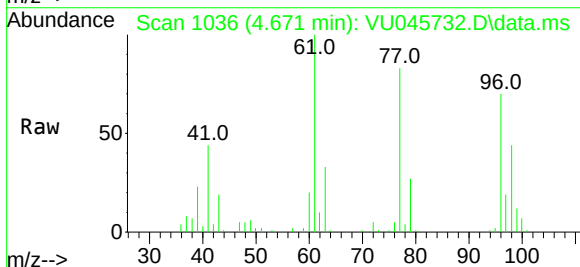
Acq: 11 Nov 2021 12:45

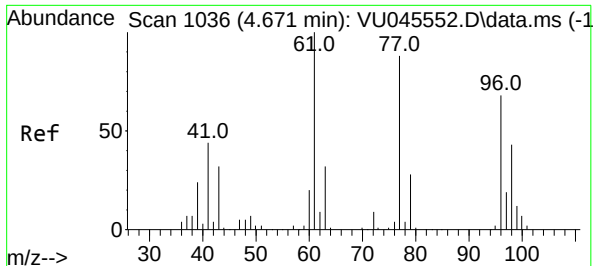
Tgt Ion: 77 Resp: 40495

Ion Ratio Lower Upper

77 100

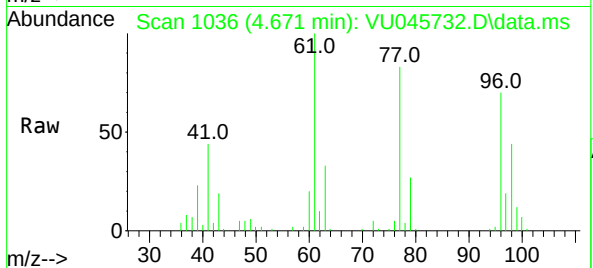
97 22.6 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 20.549 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU045732.D
 Acq: 11 Nov 2021 12:45

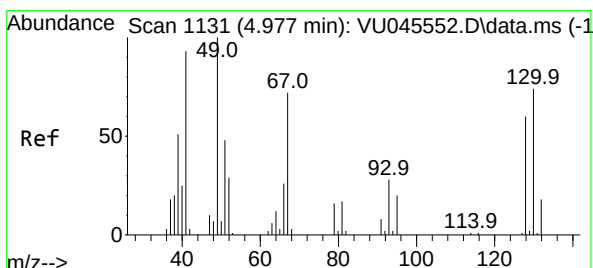
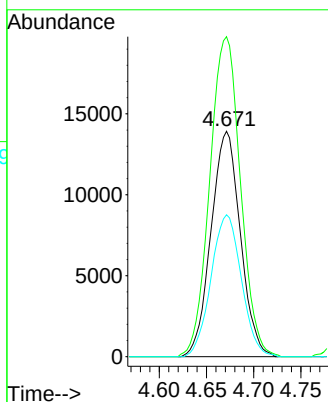
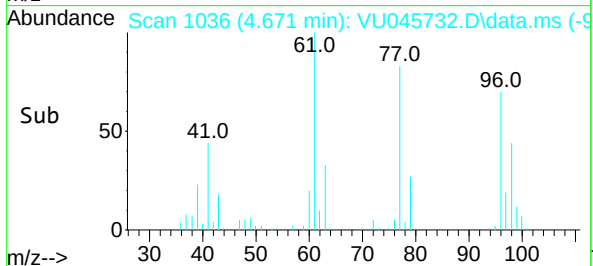
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBSD01



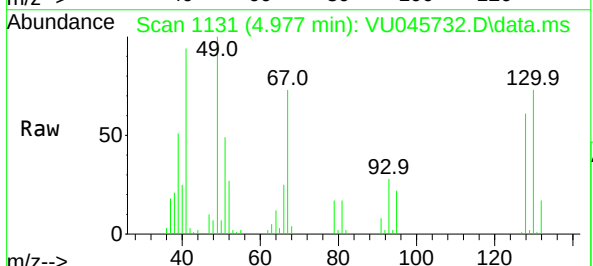
Tgt Ion: 96 Resp: 3005
 Ion Ratio Lower Upper
 96 100
 61 148.4 0.0 299.2
 98 65.0 0.0 127.6

Manual Integrations
 APPROVED

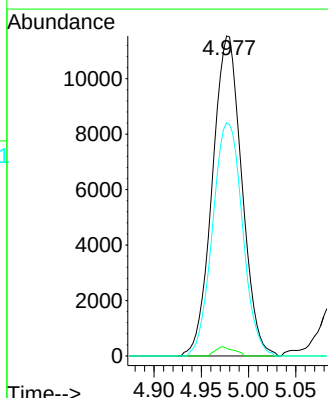
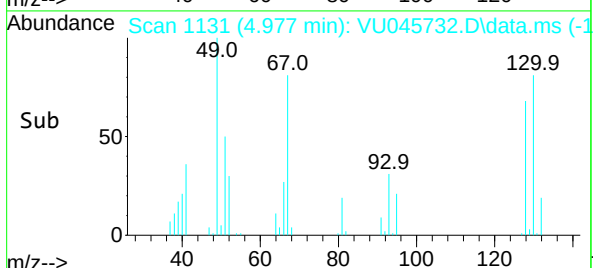
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

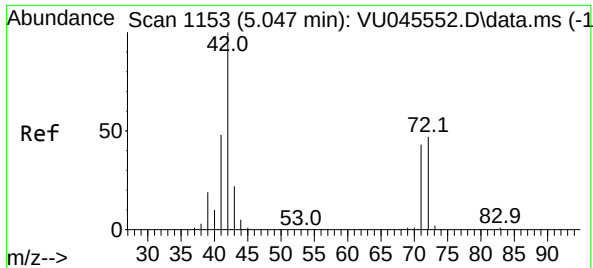


#28
 Bromochloromethane
 Concen: 20.942 ug/l
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU045732.D
 Acq: 11 Nov 2021 12:45



Tgt Ion: 49 Resp: 24964
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 74.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 106.333 ug/l

RT: 5.051 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VU045732.D

Acq: 11 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBSD01

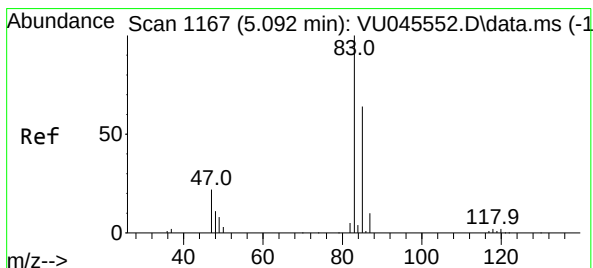
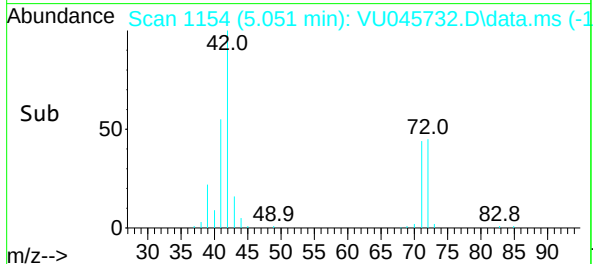
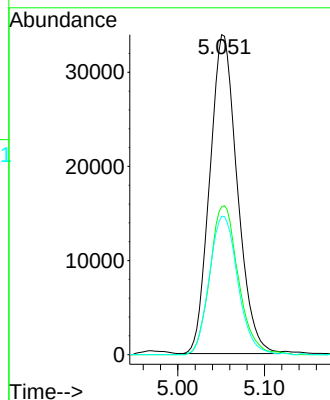
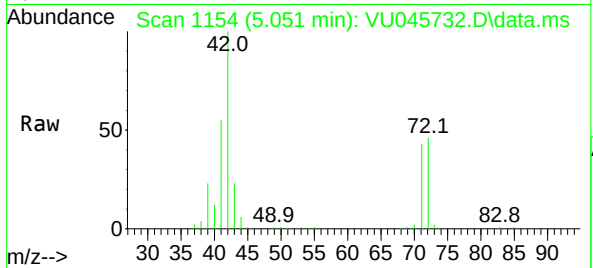
Tgt Ion:	42	Resp:	7481
Ion Ratio	Lower	Upper	
42	100		
72	48.4	38.2	57.4
71	44.8	35.4	53.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#30

Chloroform

Concen: 21.567 ug/l

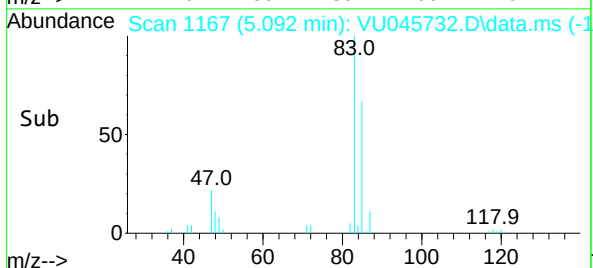
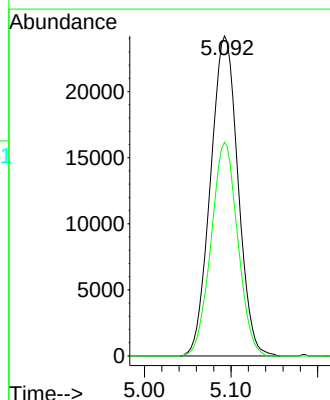
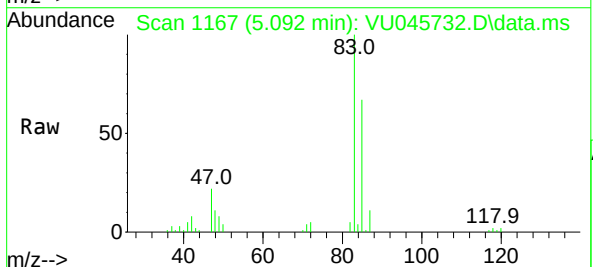
RT: 5.092 min Scan# 1167

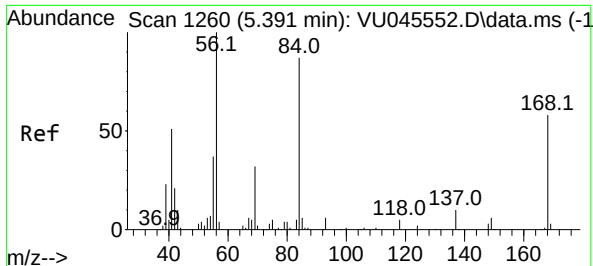
Delta R.T. 0.000 min

Lab File: VU045732.D

Acq: 11 Nov 2021 12:45

Tgt Ion:	83	Resp:	53332
Ion Ratio	Lower	Upper	
83	100		
85	66.8	52.0	78.0





#31

Cyclohexane

Concen: 18.975 ug/l

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU045732.D

Acq: 11 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBSD01

Tgt Ion: 56 Resp: 45100

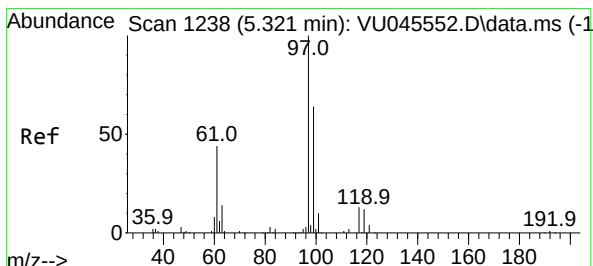
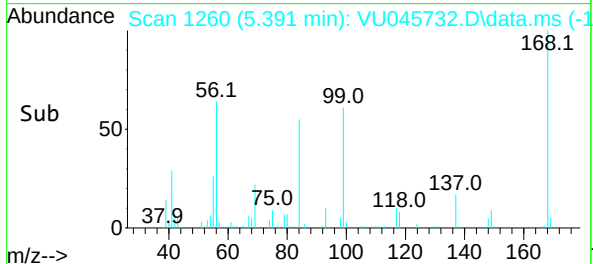
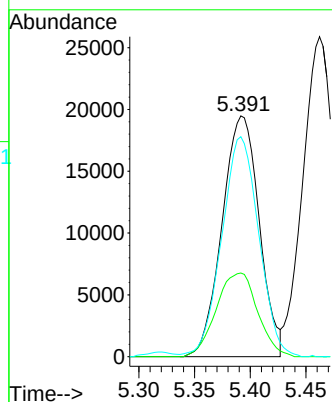
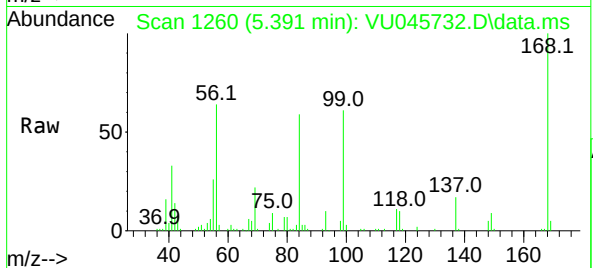
Ion	Ratio	Lower	Upper
56	100		
69	34.7	26.4	39.6
84	90.4	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#32

1,1,1-Trichloroethane

Concen: 20.665 ug/l

RT: 5.321 min Scan# 1238

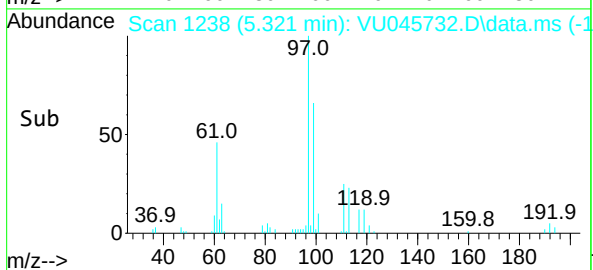
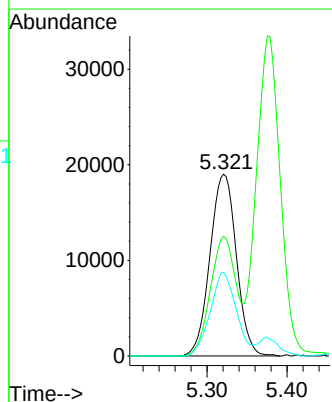
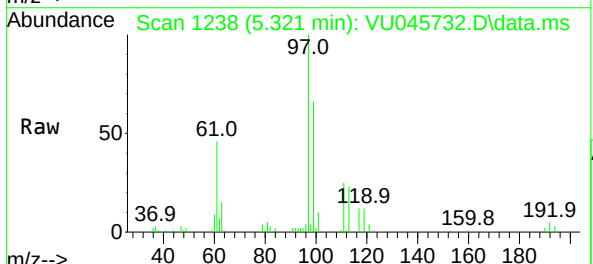
Delta R.T. 0.000 min

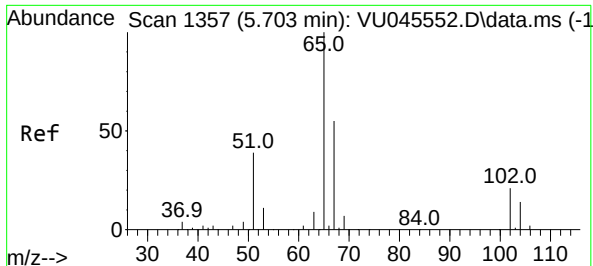
Lab File: VU045732.D

Acq: 11 Nov 2021 12:45

Tgt Ion: 97 Resp: 43579

Ion	Ratio	Lower	Upper
97	100		
99	62.7	50.8	76.2
61	45.2	38.3	57.5





#33

1,2-Dichloroethane-d4

Concen: 53.386 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045732.D

Acq: 11 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBSD01

Tgt Ion: 65 Resp: 8697

Ion Ratio Lower Upper

65 100

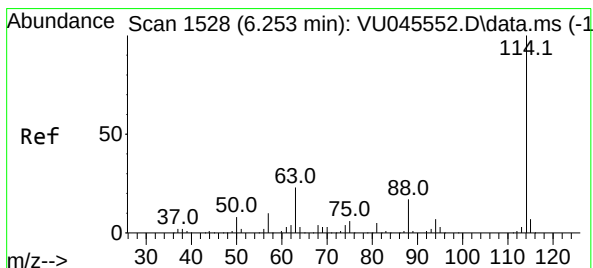
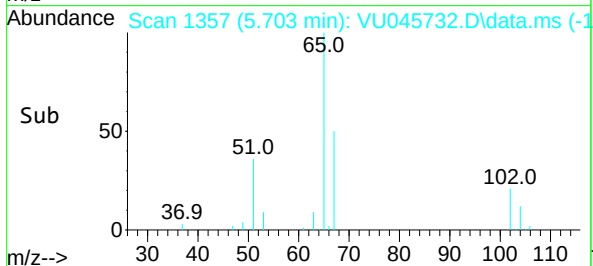
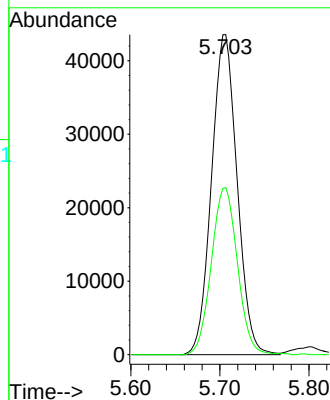
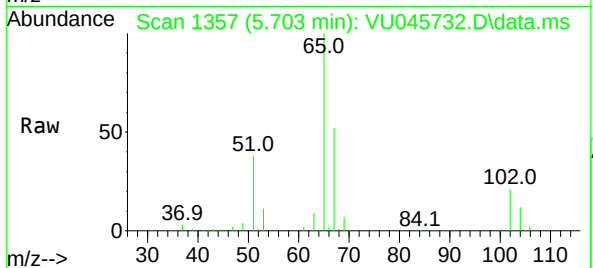
67 53.2 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045732.D

Acq: 11 Nov 2021 12:45

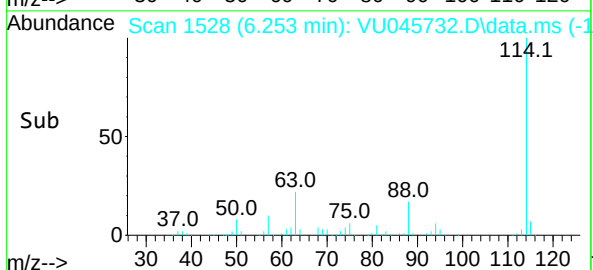
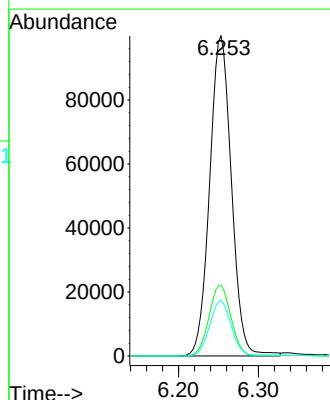
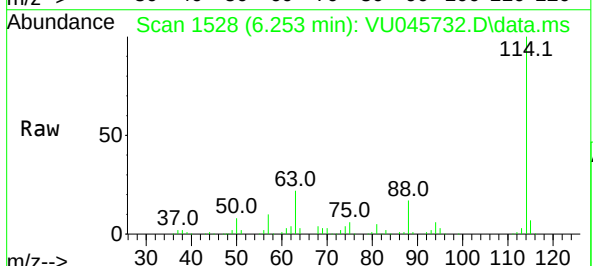
Tgt Ion:114 Resp: 189166

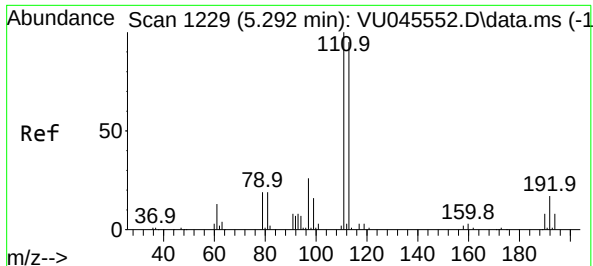
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.6

88 17.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 52.089 ug/l

RT: 5.292 min Scan# 1113

Delta R.T. 0.000 min

Lab File: VU045732.D

Acq: 11 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBSD01

Tgt Ion:113 Resp: 65780

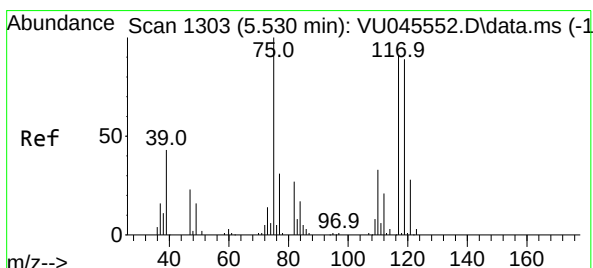
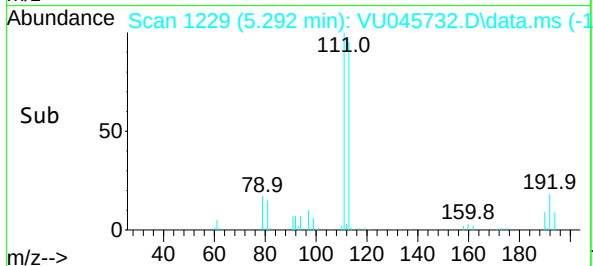
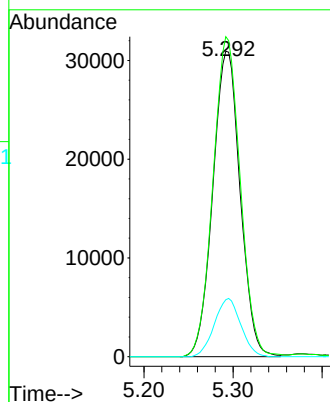
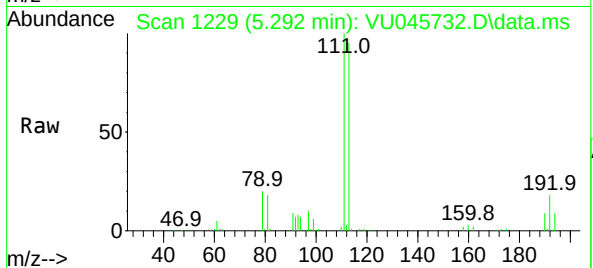
Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.8	124.2
192	18.4	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#36

1,1-Dichloropropene

Concen: 19.944 ug/l

RT: 5.530 min Scan# 1303

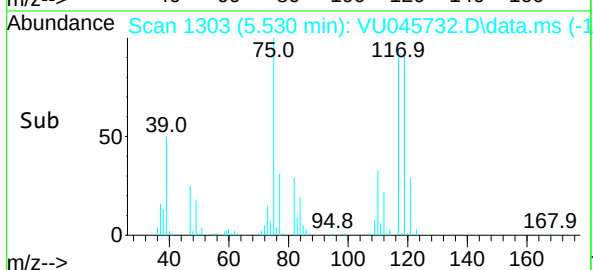
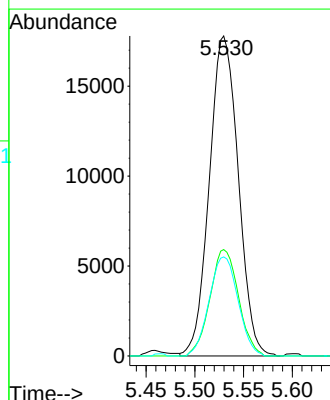
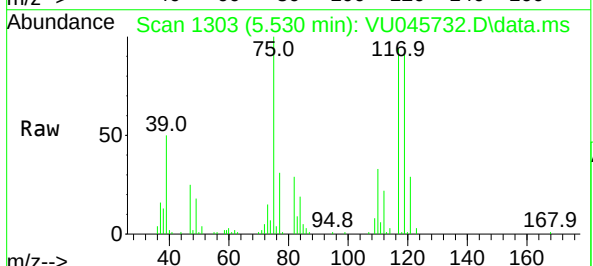
Delta R.T. 0.000 min

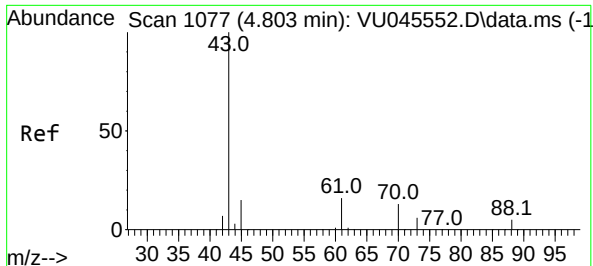
Lab File: VU045732.D

Acq: 11 Nov 2021 12:45

Tgt Ion: 75 Resp: 36787

Ion	Ratio	Lower	Upper
75	100		
110	32.7	16.7	50.0
77	30.9	25.0	37.4





#37

Ethyl Acetate

Concen: 21.772 ug/l

RT: 4.806 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VU045732.D

Acq: 11 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBSD01

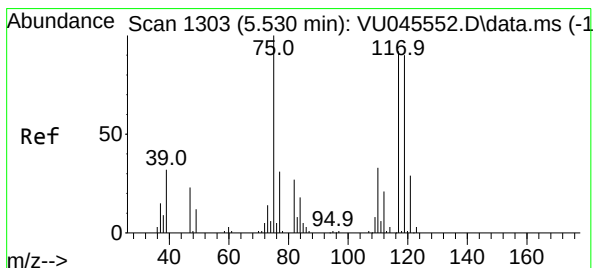
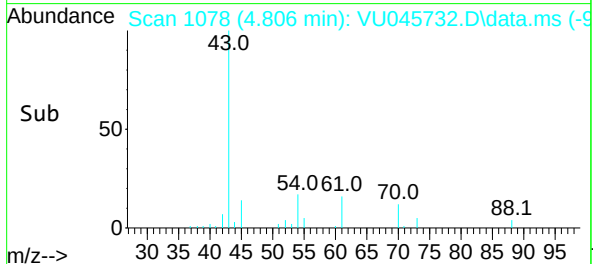
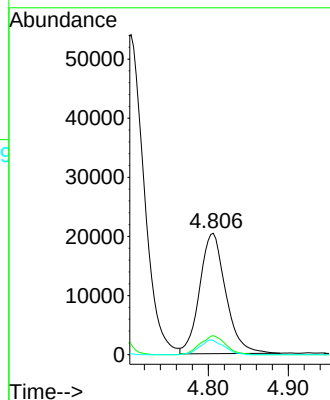
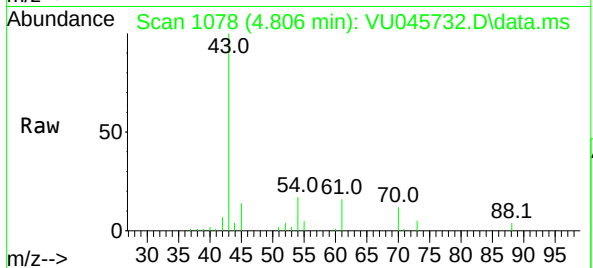
Tgt Ion: 43	Resp: 4613
Ion Ratio	Lower Upper
43	100
61	15.4 11.6 17.4
70	11.3 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#38

Carbon Tetrachloride

Concen: 19.801 ug/l

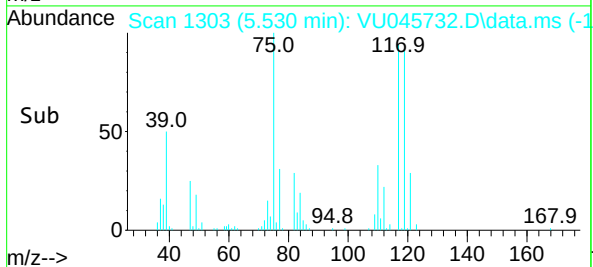
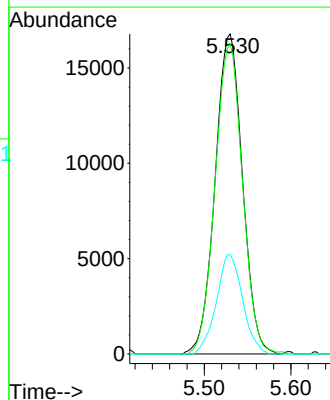
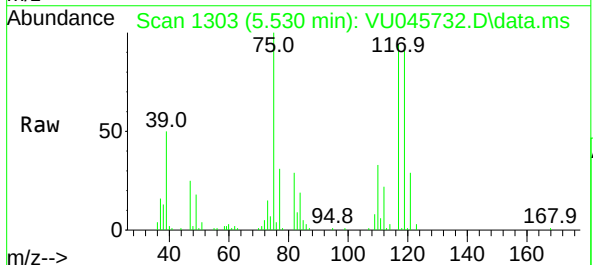
RT: 5.530 min Scan# 1303

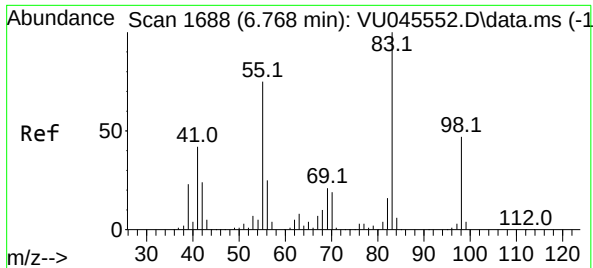
Delta R.T. 0.000 min

Lab File: VU045732.D

Acq: 11 Nov 2021 12:45

Tgt Ion: 117	Resp: 36821
Ion Ratio	Lower Upper
117	100
119	96.7 77.4 116.0
121	31.0 24.8 37.2





#39

Methylcyclohexane

Concen: 18.793 ug/l

RT: 6.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045732.D

Acq: 11 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBSD01

Tgt Ion: 83 Resp: 4252

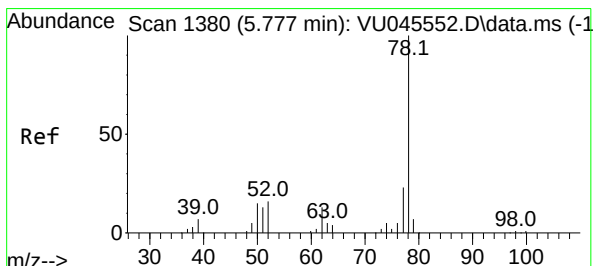
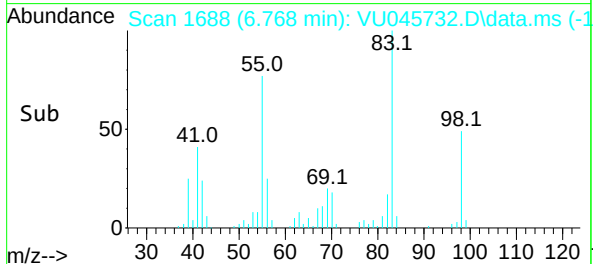
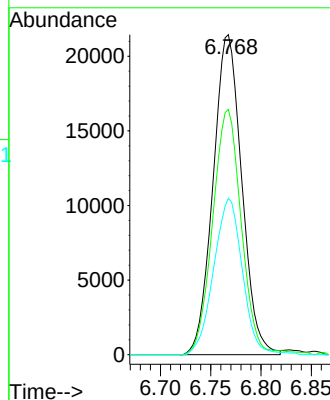
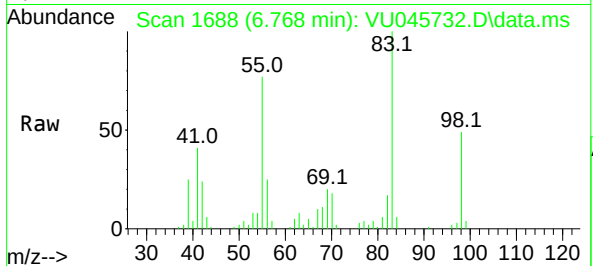
Ion	Ratio	Lower	Upper
83	100		
55	76.7	63.6	95.4
98	48.9	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#40

Benzene

Concen: 20.334 ug/l

RT: 5.777 min Scan# 1380

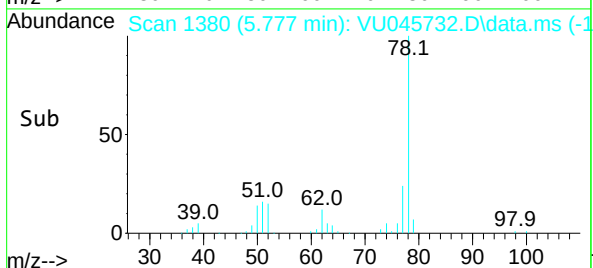
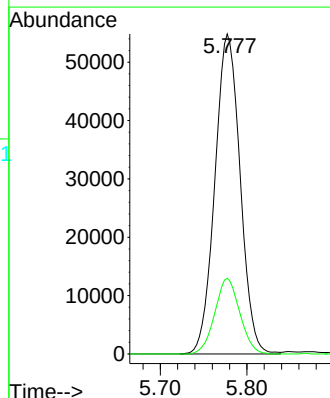
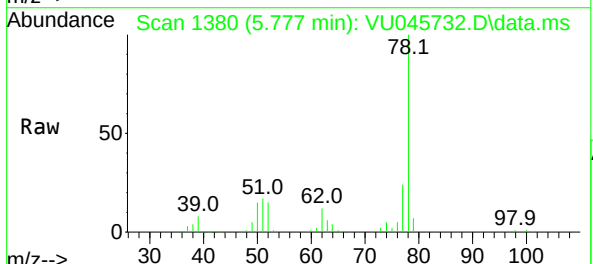
Delta R.T. 0.000 min

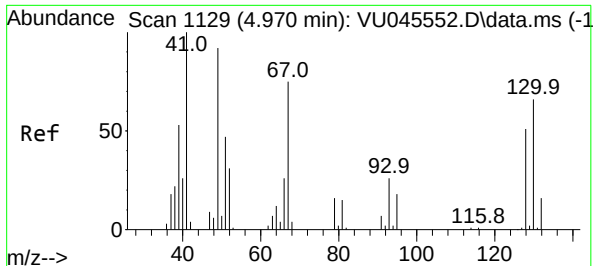
Lab File: VU045732.D

Acq: 11 Nov 2021 12:45

Tgt Ion: 78 Resp: 111045

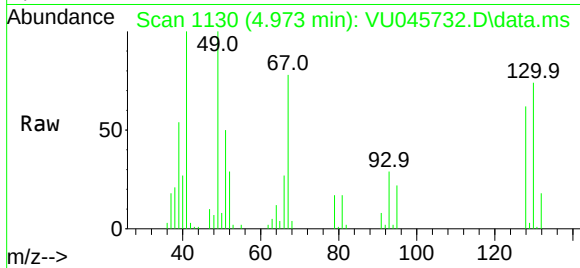
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4





#41
Methacrylonitrile
Concen: 21.418 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

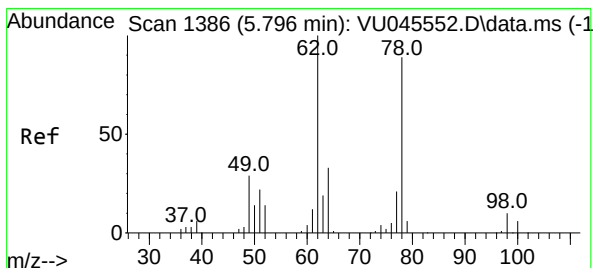
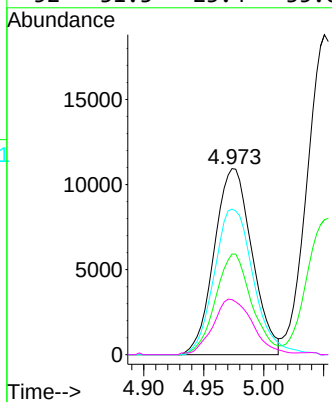
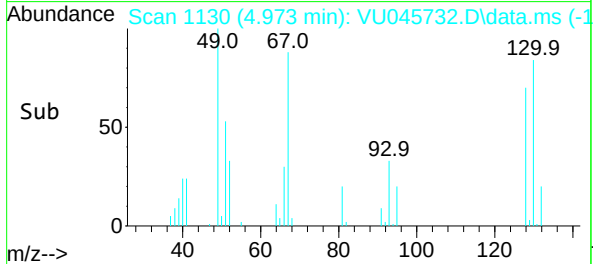
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01



Tgt Ion: 41 Resp: 2398
Ion Ratio Lower Upper
41 100
39 52.2 43.4 65.0
67 81.4 61.0 91.4
52 31.3 23.4 35.0

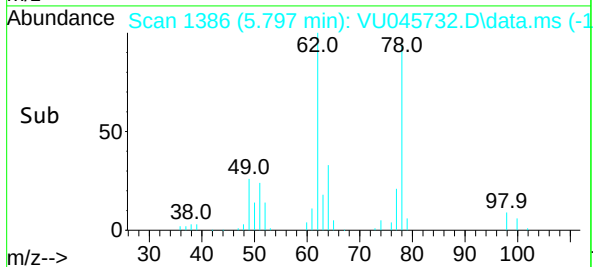
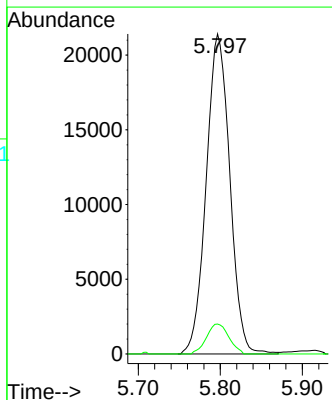
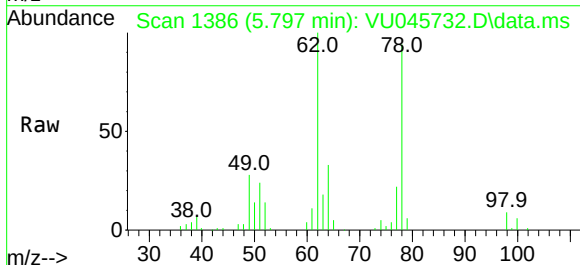
Manual Integrations
APPROVED

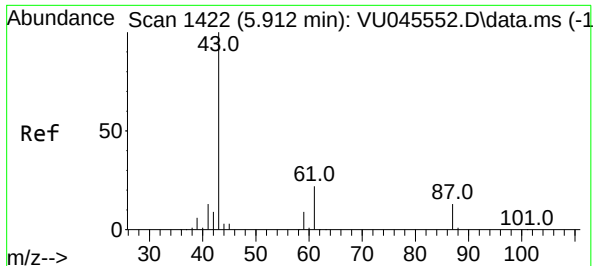
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#42
1,2-Dichloroethane
Concen: 21.725 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

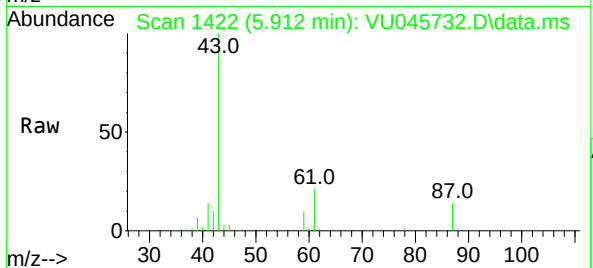
Tgt Ion: 62 Resp: 42854
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.4





#43
Isopropyl Acetate
Concen: 20.815 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

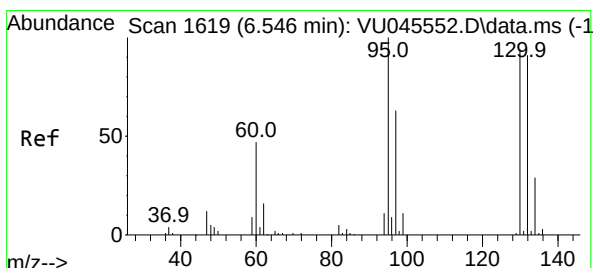
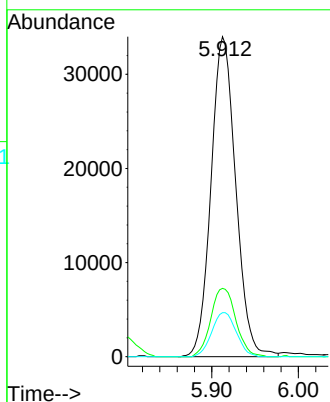
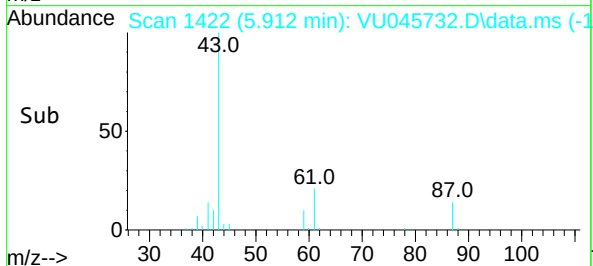
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01



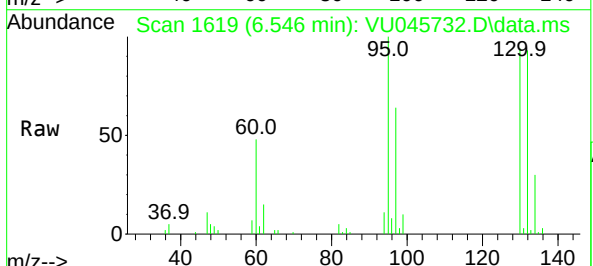
Tgt Ion: 43 Resp: 67459
Ion Ratio Lower Upper
43 100
61 21.6 16.9 25.3
87 13.7 11.0 16.4

Manual Integrations
APPROVED

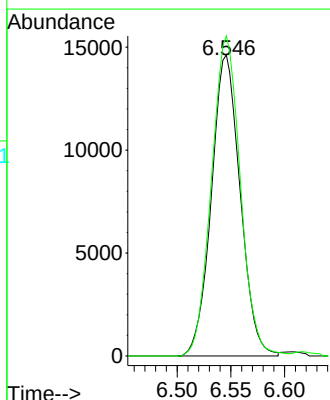
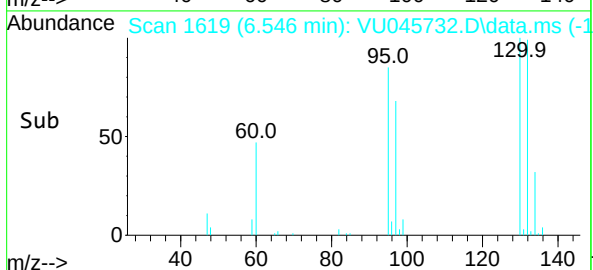
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

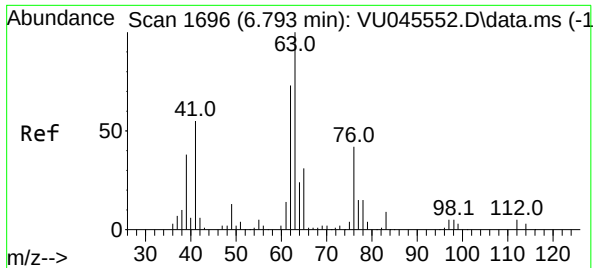


#44
Trichloroethene
Concen: 20.779 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45



Tgt Ion:130 Resp: 27162
Ion Ratio Lower Upper
130 100
95 106.3 0.0 211.4





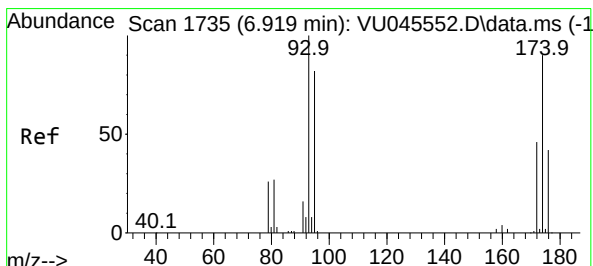
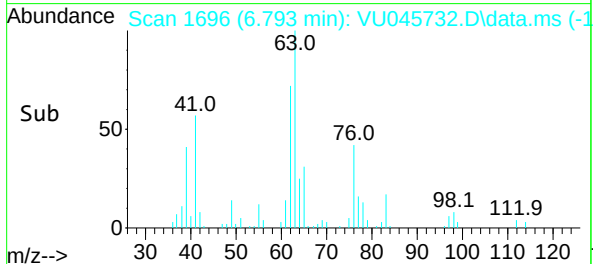
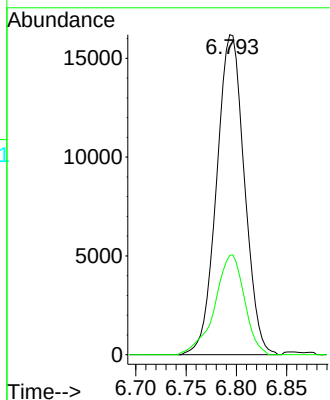
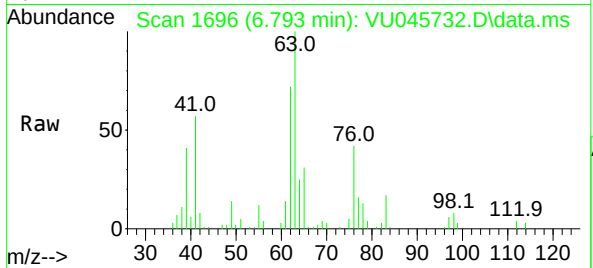
#45
1,2-Dichloropropane
Concen: 21.560 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

Tgt Ion: 63 Resp: 3115
Ion Ratio Lower Upper
63 100
65 31.1 25.7 38.5

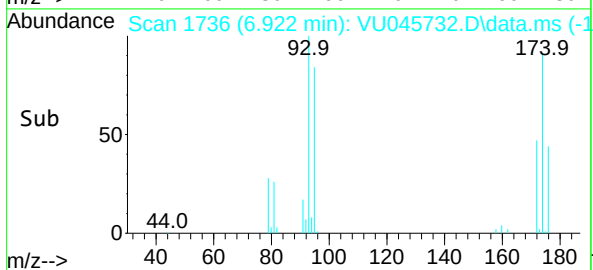
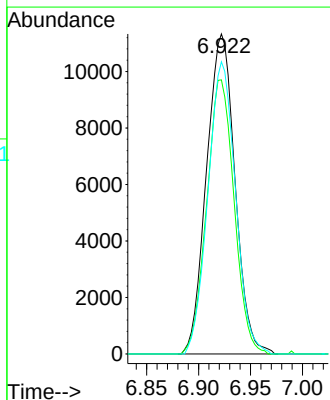
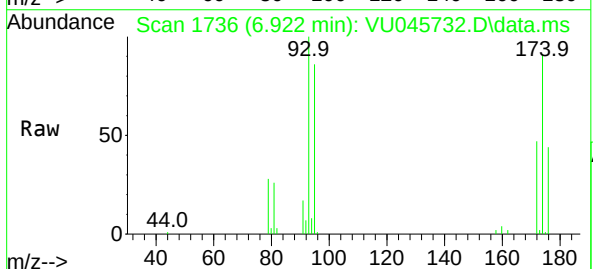
Manual Integrations
APPROVED

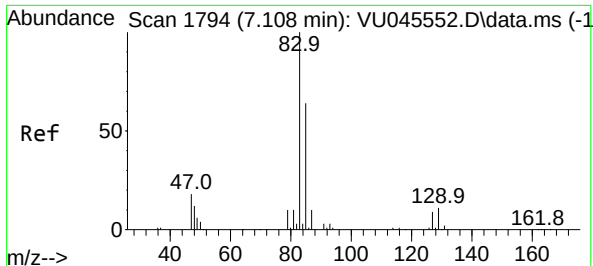
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#46
Dibromomethane
Concen: 21.554 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.003 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

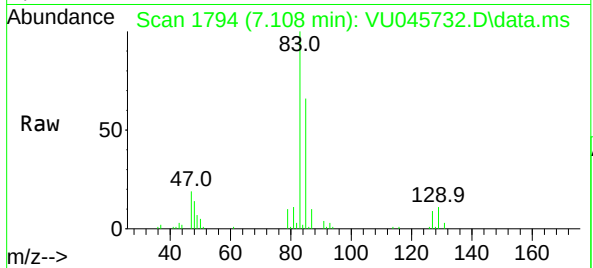
Tgt Ion: 93 Resp: 21580
Ion Ratio Lower Upper
93 100
95 82.7 66.2 99.2
174 88.3 71.0 106.6





#47
Bromodichloromethane
Concen: 21.449 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

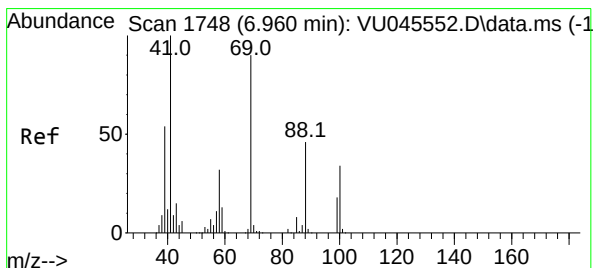
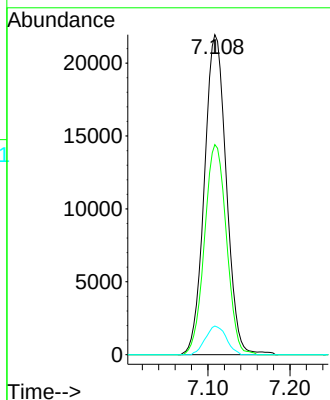
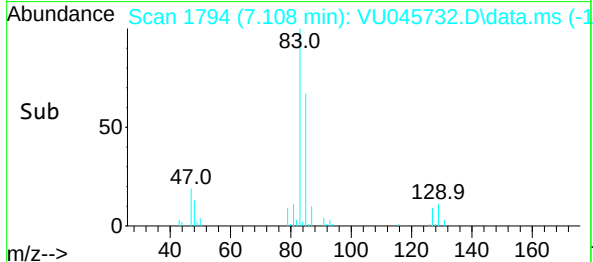
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01



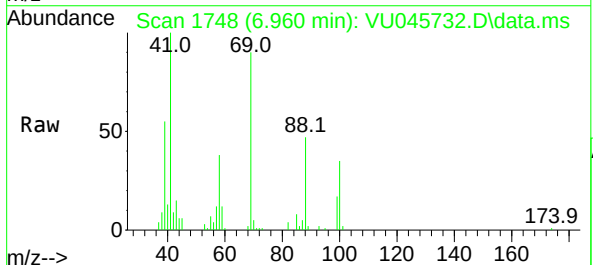
Tgt Ion: 83 Resp: 40740
Ion Ratio Lower Upper
83 100
85 65.7 49.8 74.6
127 9.0 6.2 9.2

Manual Integrations
APPROVED

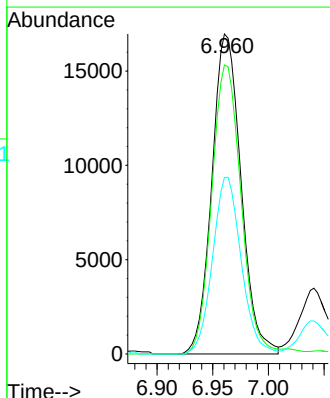
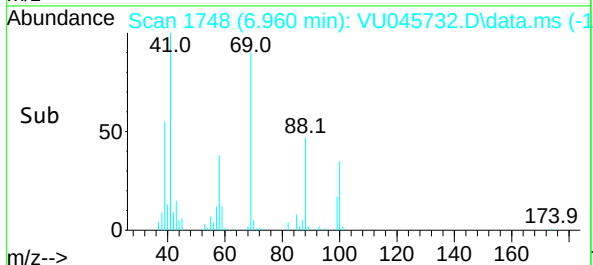
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

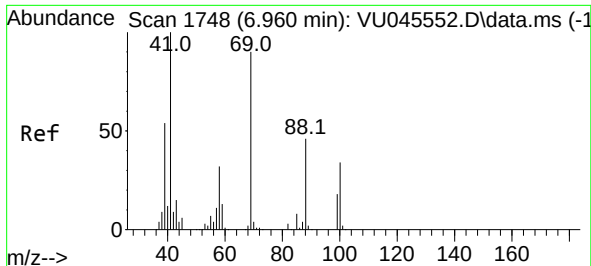


#48
Methyl methacrylate
Concen: 20.717 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45



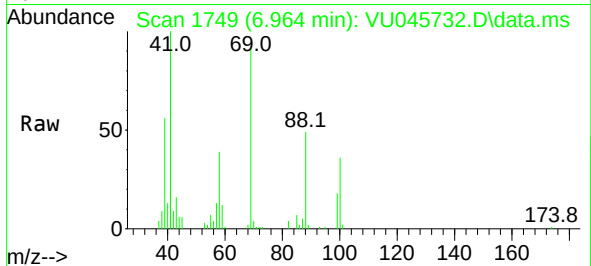
Tgt Ion: 41 Resp: 30902
Ion Ratio Lower Upper
41 100
69 90.3 70.2 105.2
39 54.2 43.9 65.9





#49
1,4-Dioxane
Concen: 439.624 ug/l
RT: 6.964 min Scan# 1748
Delta R.T. 0.003 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

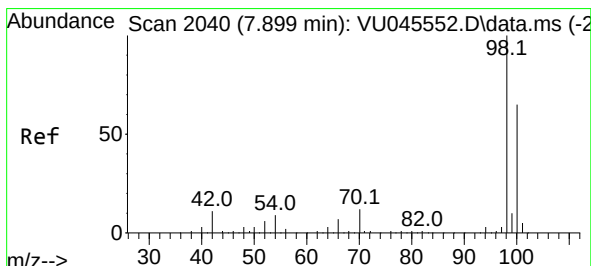
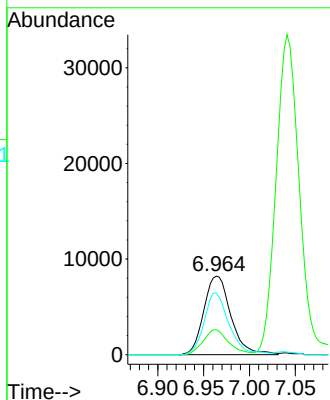
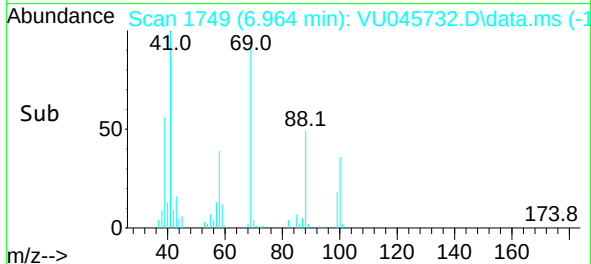
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01



Tgt Ion: 88 Resp: 16864
Ion Ratio Lower Upper
88 100
43 29.9 0.0 0.0
58 72.2 58.7 88.1

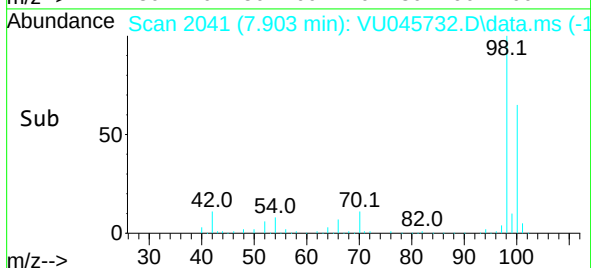
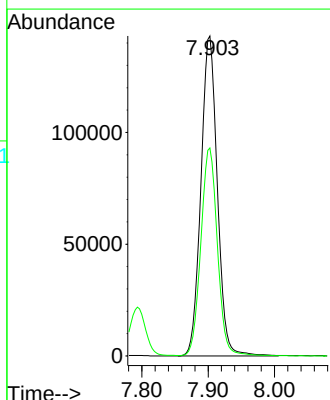
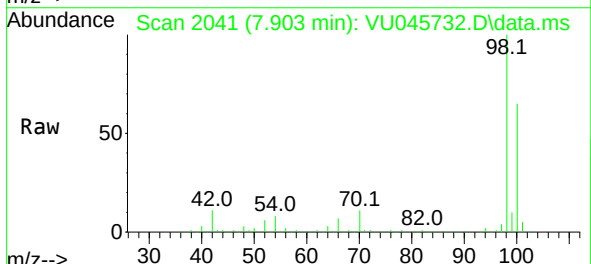
Manual Integrations
APPROVED

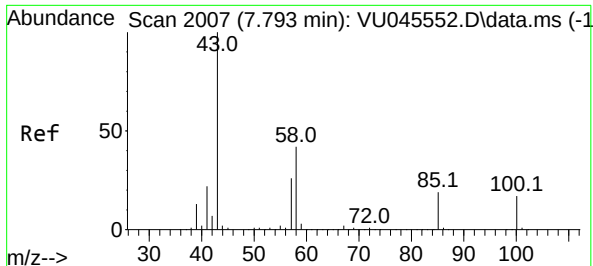
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#50
Toluene-d8
Concen: 52.550 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.003 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

Tgt Ion: 98 Resp: 246790
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 107.097 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU045732.D

Acq: 11 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBSD01

Tgt Ion: 43 Resp: 22895

Ion Ratio Lower Upper

43 100

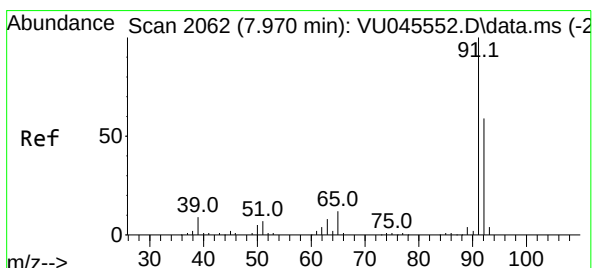
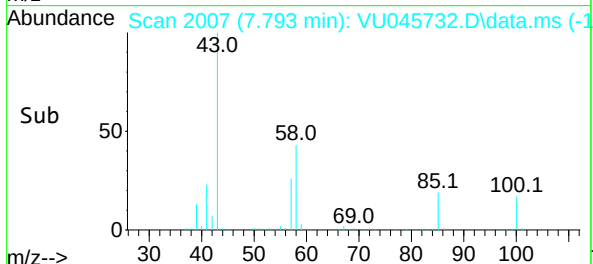
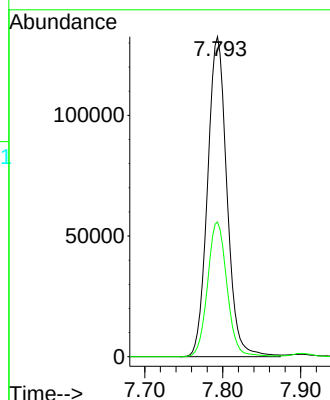
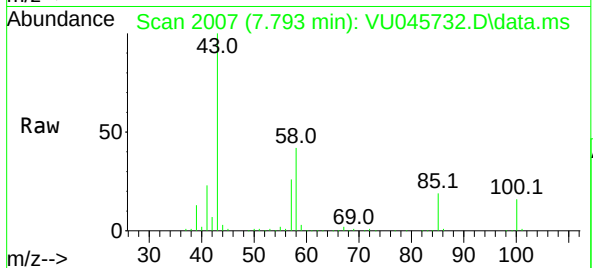
58 42.3 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#52

Toluene

Concen: 21.085 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU045732.D

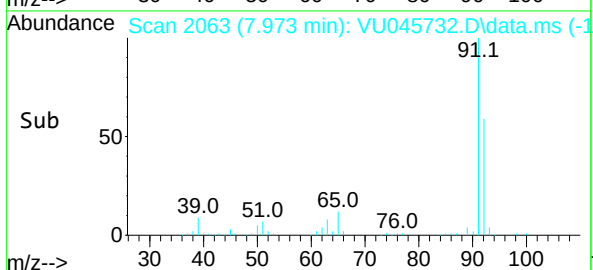
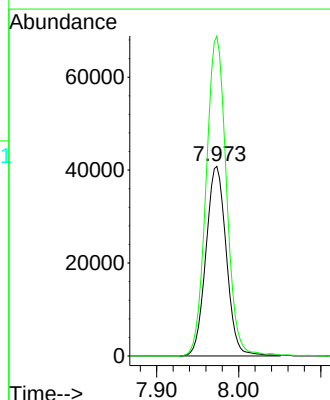
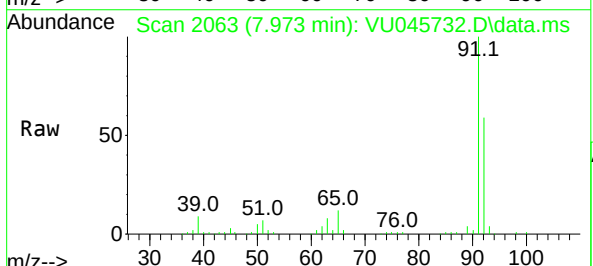
Acq: 11 Nov 2021 12:45

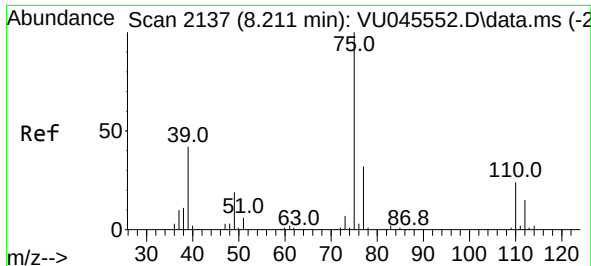
Tgt Ion: 92 Resp: 70493

Ion Ratio Lower Upper

92 100

91 167.3 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 19.441 ug/l

RT: 8.214 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU045732.D

Acq: 11 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBSD01

Tgt Ion: 75 Resp: 42440

Ion Ratio Lower Upper

75 100

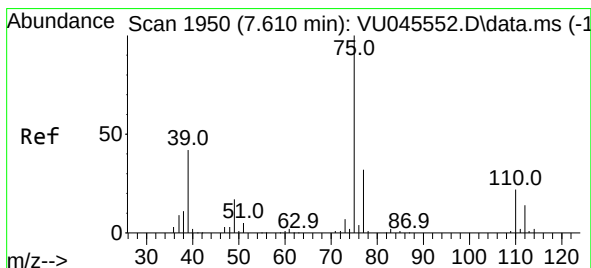
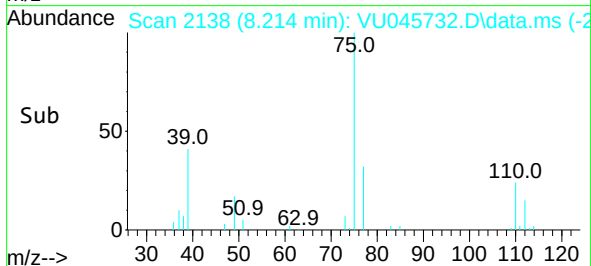
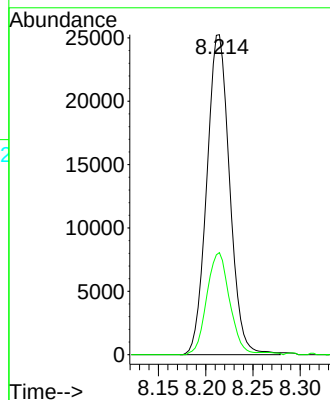
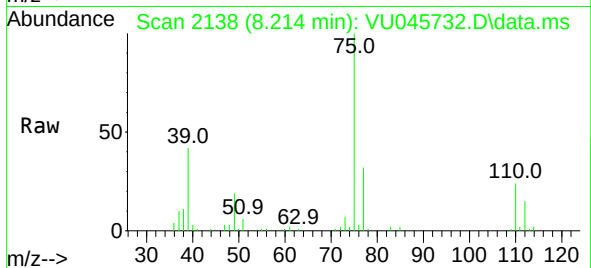
77 31.9 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#54

cis-1,3-Dichloropropene

Concen: 20.650 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045732.D

Acq: 11 Nov 2021 12:45

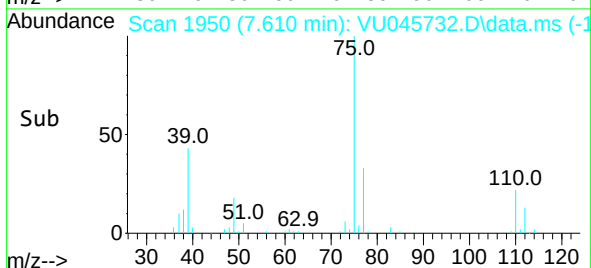
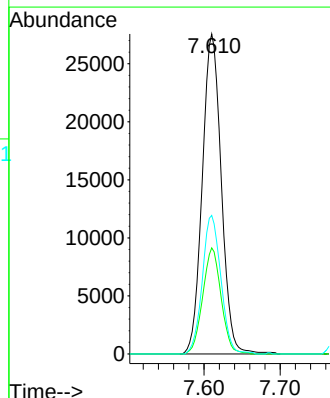
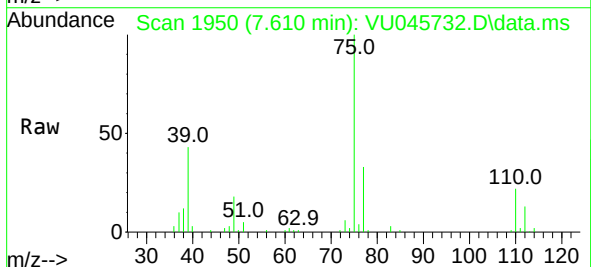
Tgt Ion: 75 Resp: 47886

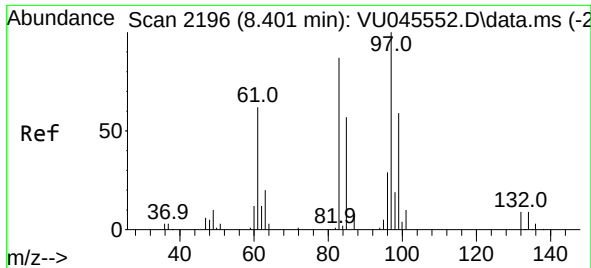
Ion Ratio Lower Upper

75 100

77 33.2 24.6 37.0

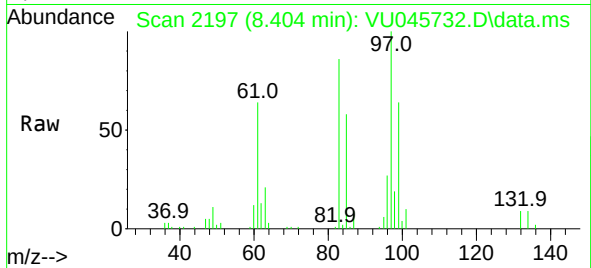
39 43.3 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 21.919 ug/l
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

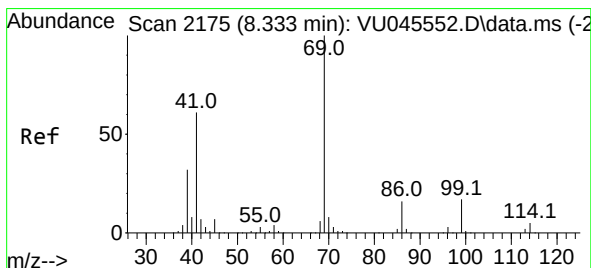
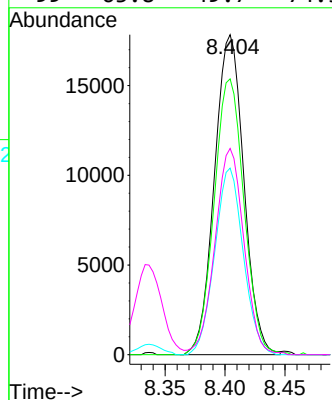
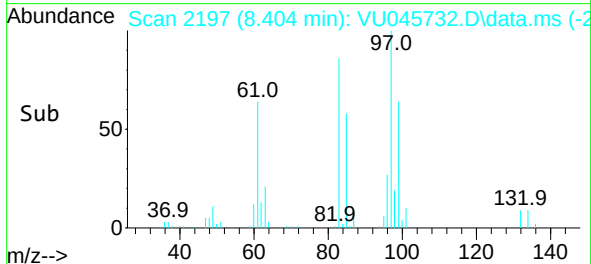
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01



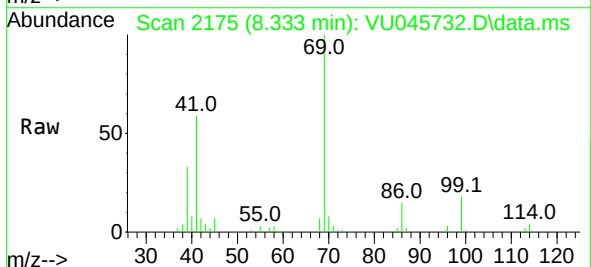
Tgt Ion: 97 Resp: 30372
Ion Ratio Lower Upper
97 100
83 86.2 70.3 105.5
85 58.3 45.5 68.3
99 63.8 49.7 74.5

Manual Integrations
APPROVED

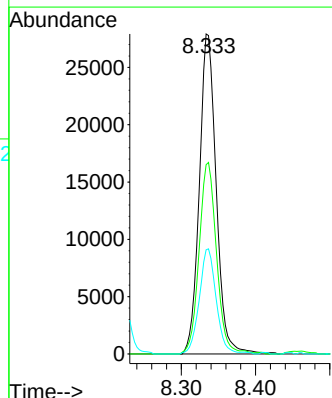
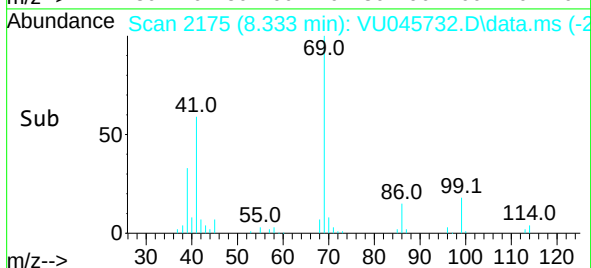
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

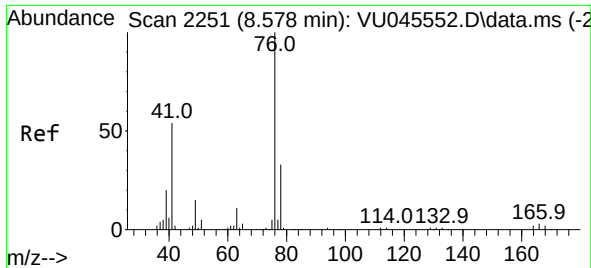


#56
Ethyl methacrylate
Concen: 19.353 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45



Tgt Ion: 69 Resp: 44218
Ion Ratio Lower Upper
69 100
41 61.7 51.0 76.4
39 33.0 26.6 39.8





#57

1,3-Dichloropropane

Concen: 21.397 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045732.D

Acq: 11 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBSD01

Tgt Ion: 76 Resp: 5339

Ion Ratio Lower Upper

76 100

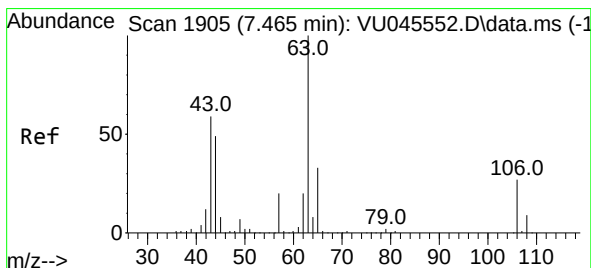
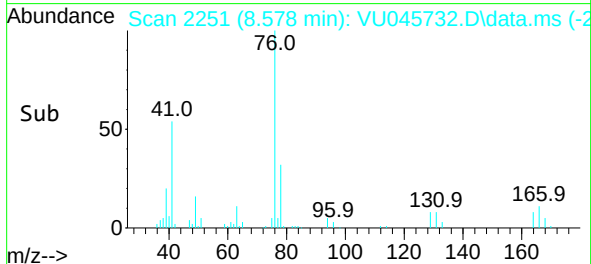
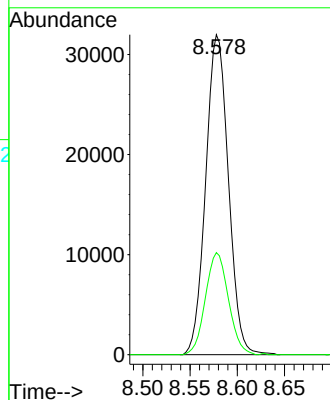
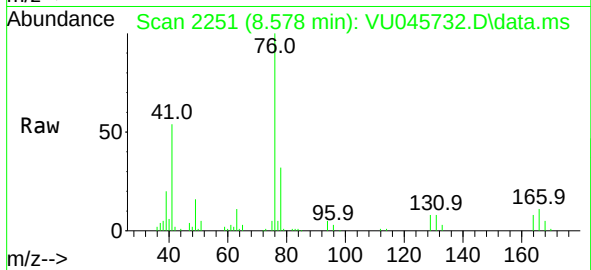
78 32.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#58

2-Chloroethyl Vinyl ether

Concen: 76.355 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045732.D

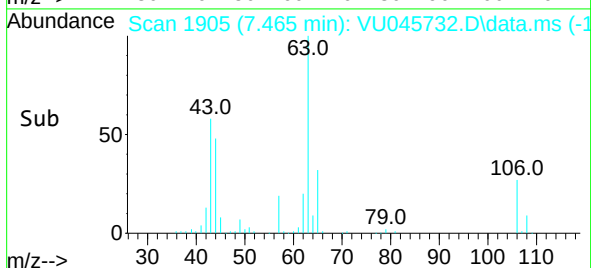
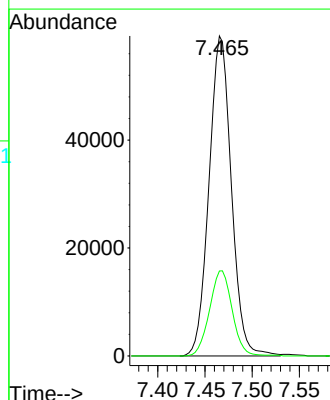
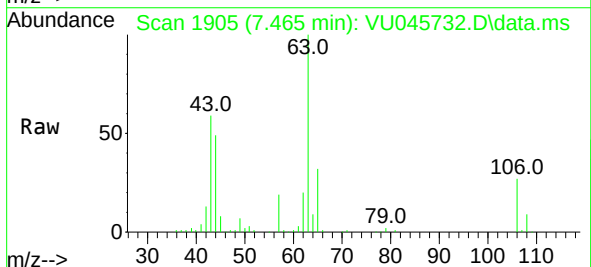
Acq: 11 Nov 2021 12:45

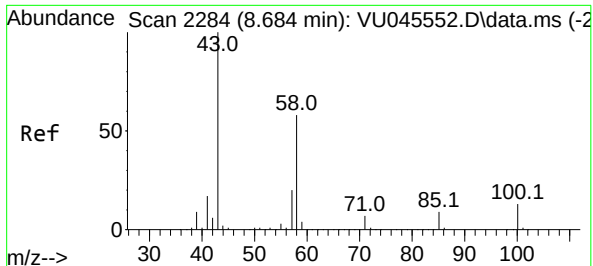
Tgt Ion: 63 Resp: 97403

Ion Ratio Lower Upper

63 100

106 27.0 21.0 31.4





#59

2-Hexanone

Concen: 98.205 ug/l

RT: 8.684 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045732.D

Acq: 11 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBSD01

Tgt Ion: 43 Resp: 173904

Ion Ratio Lower Upper

43 100

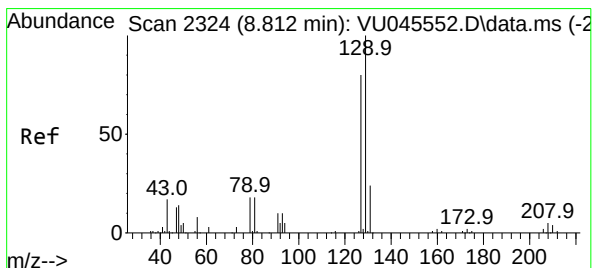
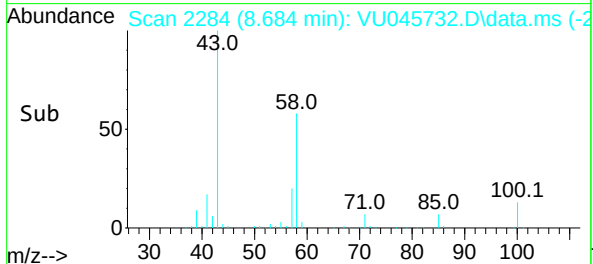
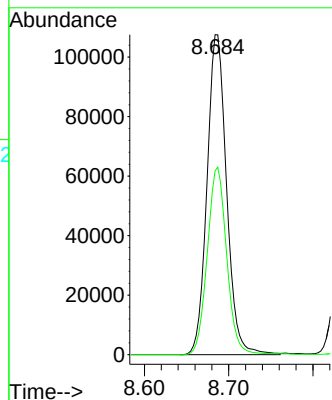
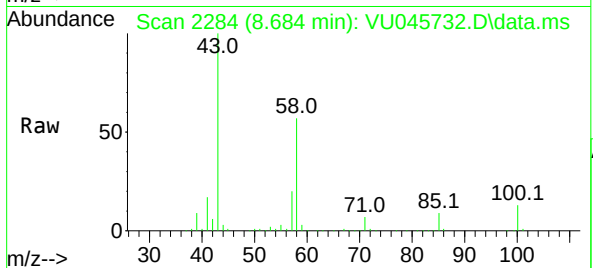
58 58.2 29.5 88.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#60

Dibromochloromethane

Concen: 21.345 ug/l

RT: 8.813 min Scan# 2324

Delta R.T. 0.000 min

Lab File: VU045732.D

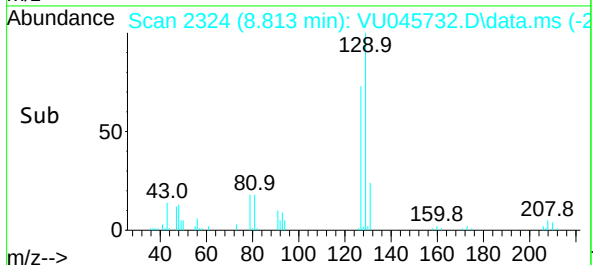
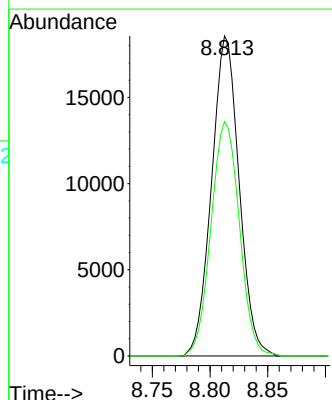
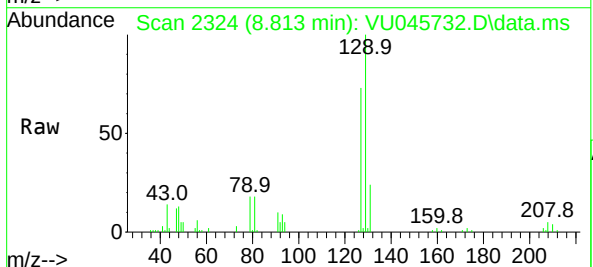
Acq: 11 Nov 2021 12:45

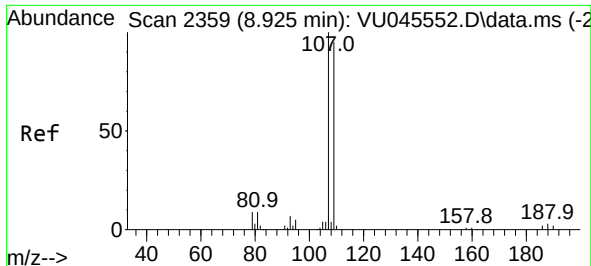
Tgt Ion:129 Resp: 30798

Ion Ratio Lower Upper

129 100

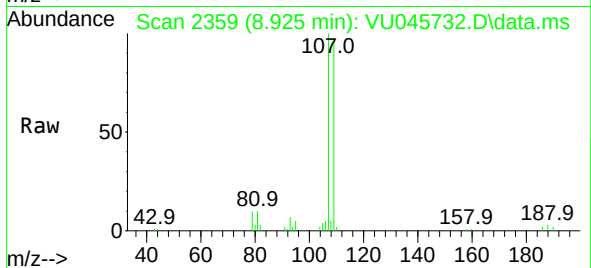
127 75.5 38.5 115.3





#61
1,2-Dibromoethane
Concen: 21.021 ug/l
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

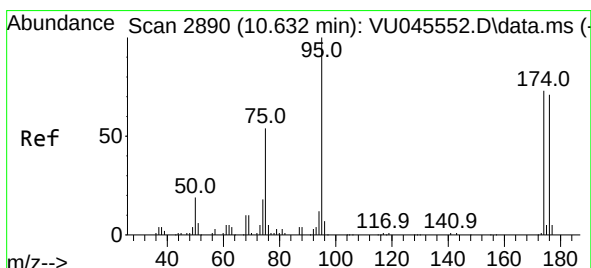
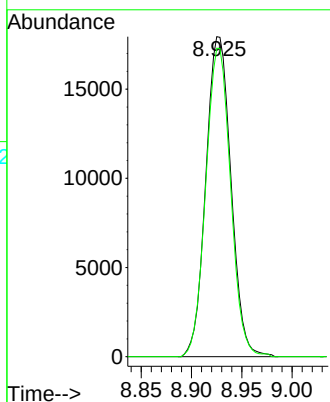
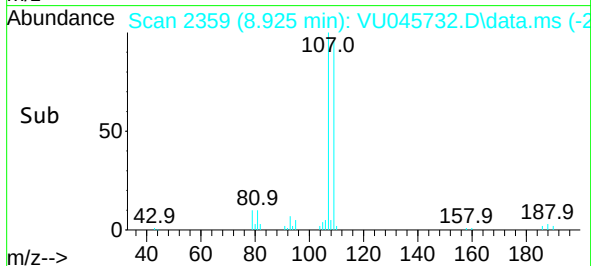
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01



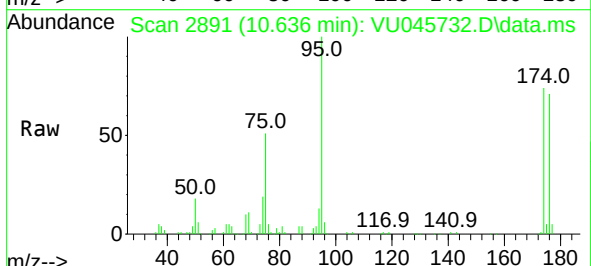
Tgt Ion:107 Resp: 31240
Ion Ratio Lower Upper
107 100
109 95.0 75.8 113.8

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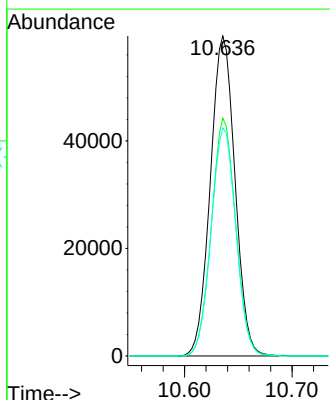
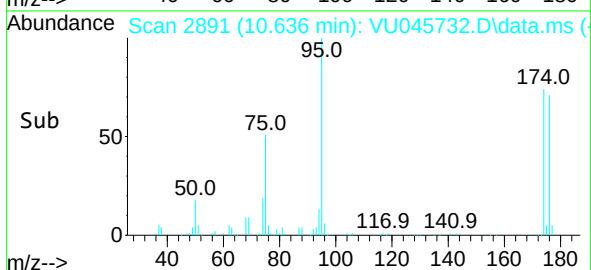
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

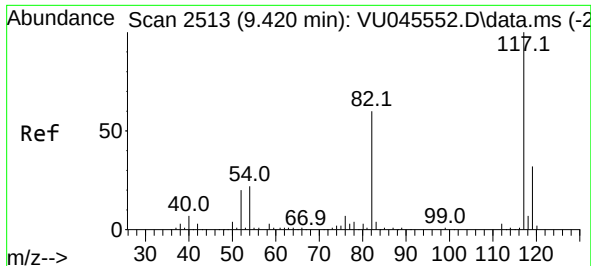


#62
4-Bromofluorobenzene
Concen: 50.343 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45



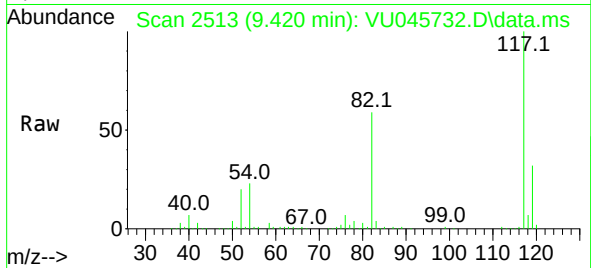
Tgt Ion: 95 Resp: 94806
Ion Ratio Lower Upper
95 100
174 73.3 0.0 141.8
176 71.6 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

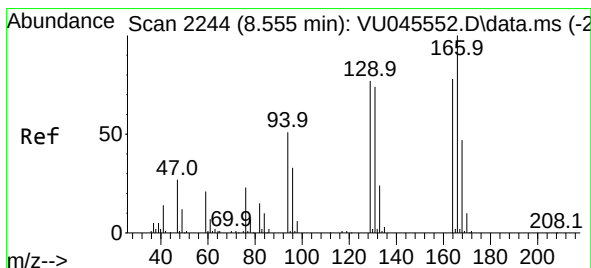
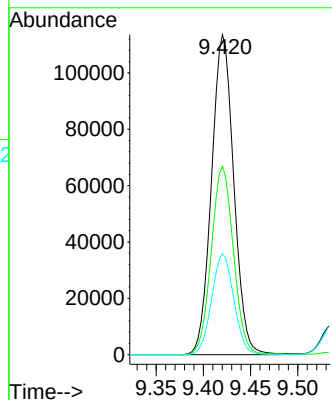
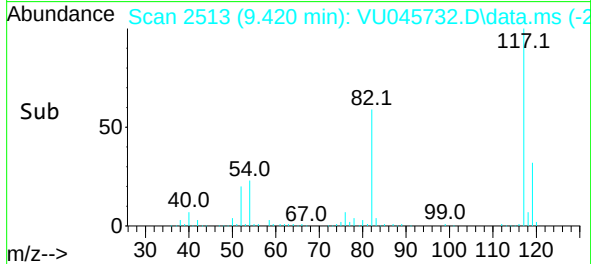
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01



Tgt Ion:117 Resp: 185940
Ion Ratio Lower Upper
117 100
82 58.8 47.8 71.8
119 31.6 25.8 38.8

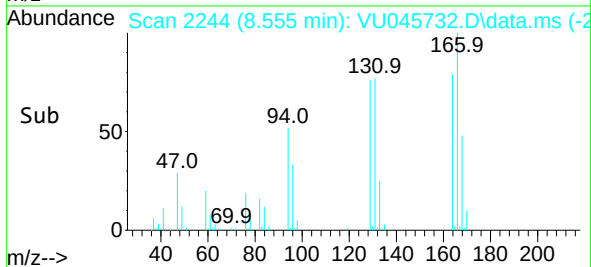
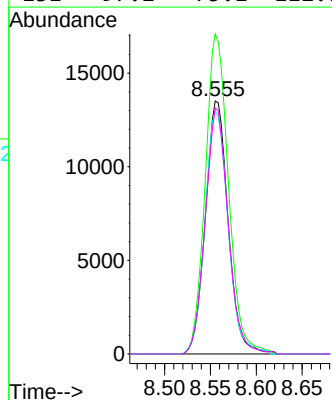
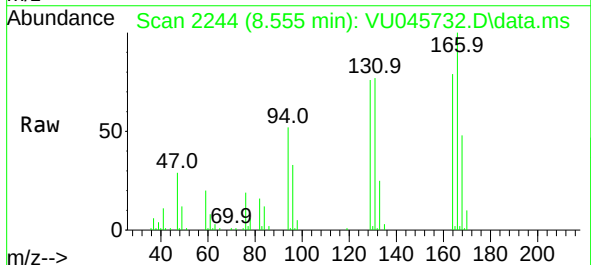
Manual Integrations
APPROVED

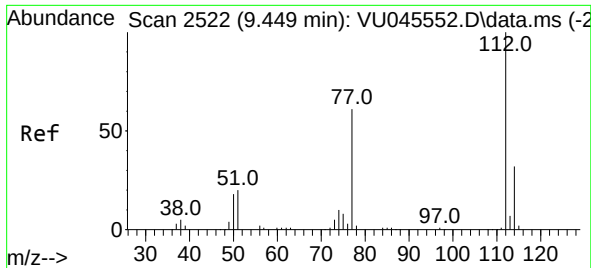
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#64
Tetrachloroethene
Concen: 21.862 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

Tgt Ion:164 Resp: 23331
Ion Ratio Lower Upper
164 100
166 126.5 102.2 153.4
129 96.1 78.2 117.4
131 97.2 75.1 112.7





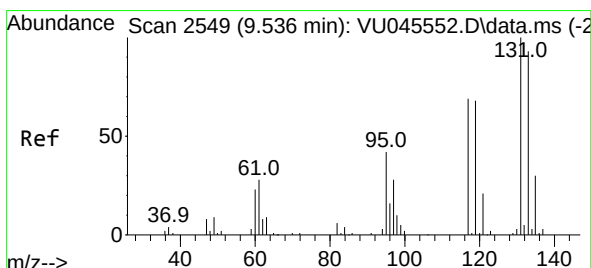
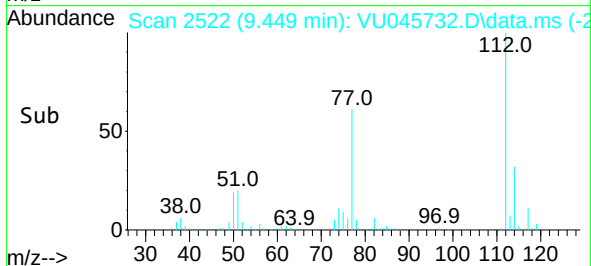
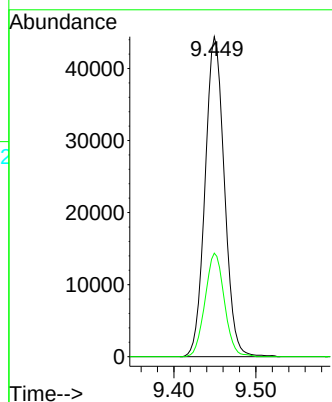
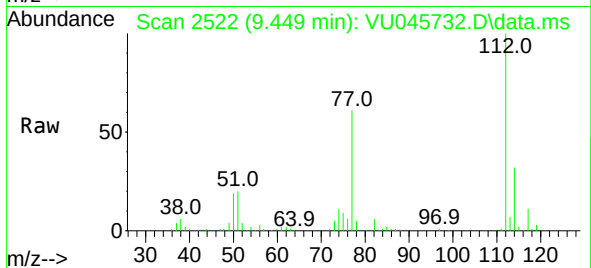
#65
Chlorobenzene
Concen: 19.863 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

Tgt Ion:112 Resp: 72549
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

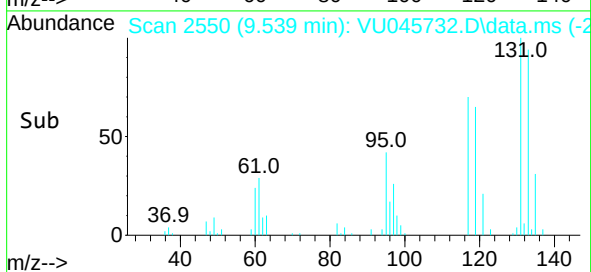
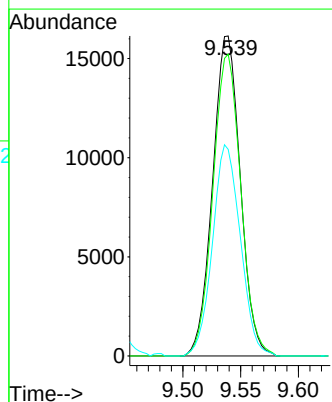
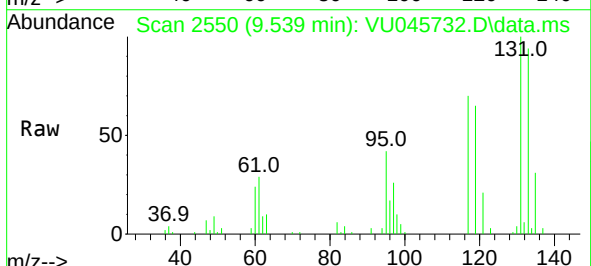
Manual Integrations
APPROVED

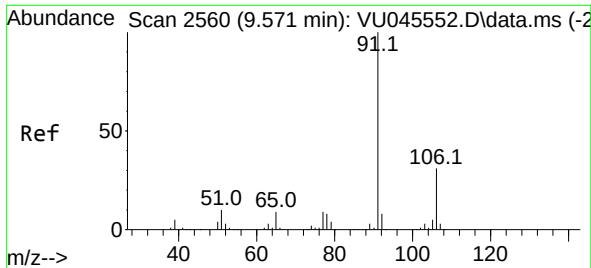
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 20.659 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.003 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

Tgt Ion:131 Resp: 26911
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.6
119 66.5 34.5 103.6





#67

Ethyl Benzene

Concen: 20.003 ug/l

RT: 9.575 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU045732.D

Acq: 11 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBSD01

Tgt Ion: 91 Resp: 13083

Ion Ratio Lower Upper

91 100

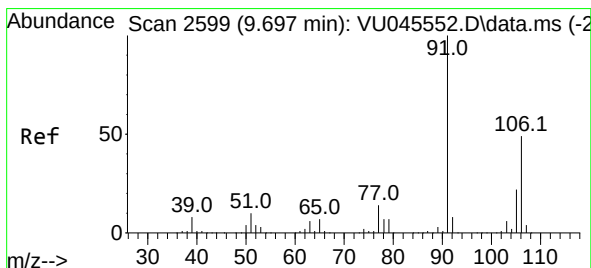
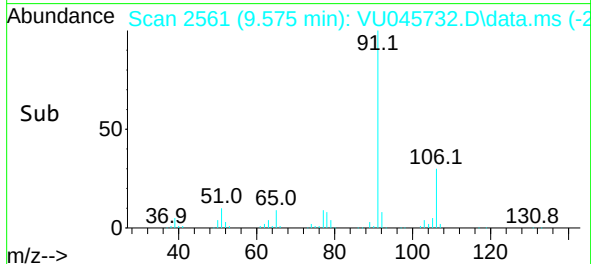
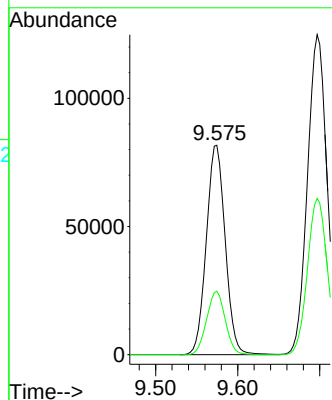
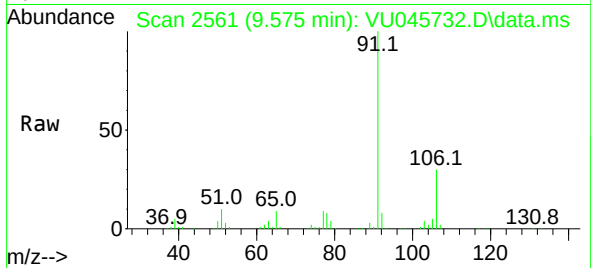
106 30.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#68

m/p-Xylenes

Concen: 41.465 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045732.D

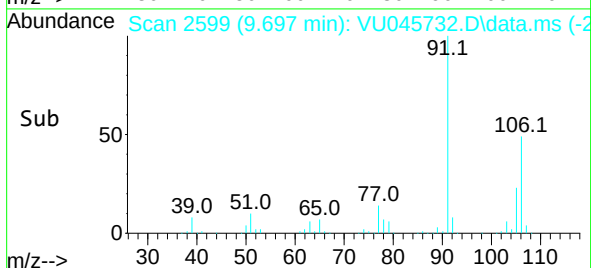
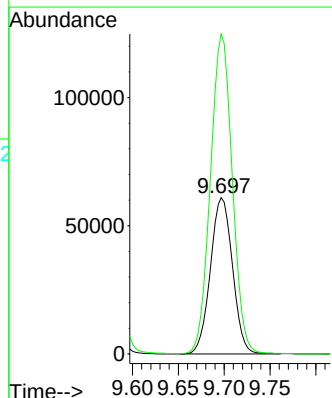
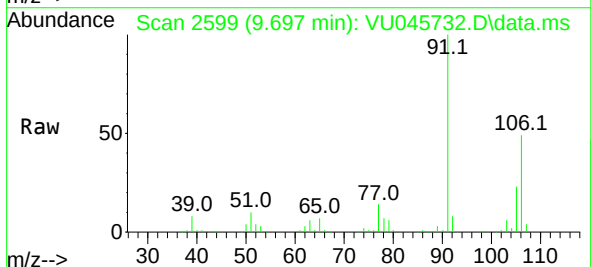
Acq: 11 Nov 2021 12:45

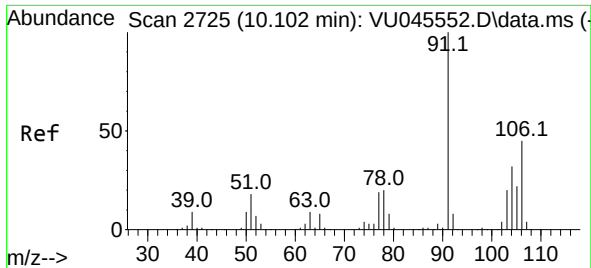
Tgt Ion:106 Resp: 102282

Ion Ratio Lower Upper

106 100

91 202.9 164.7 247.1





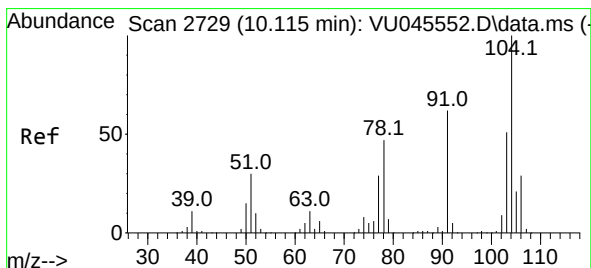
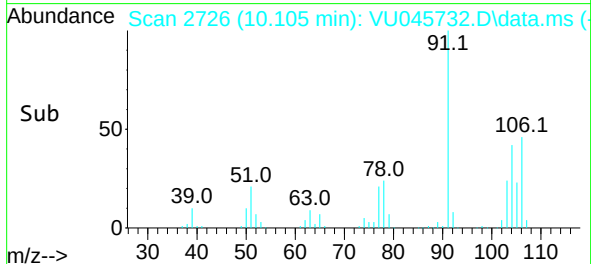
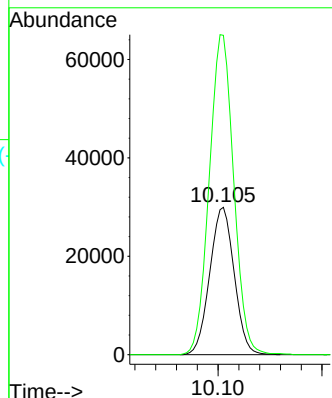
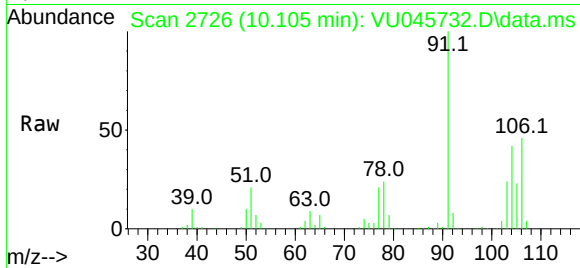
#69
o-Xylene
Concen: 20.375 ug/l
RT: 10.105 min Scan# 2710
Delta R.T. 0.003 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

Tgt Ion:106 Resp: 4886
Ion Ratio Lower Upper
106 100
91 217.7 108.7 326.3

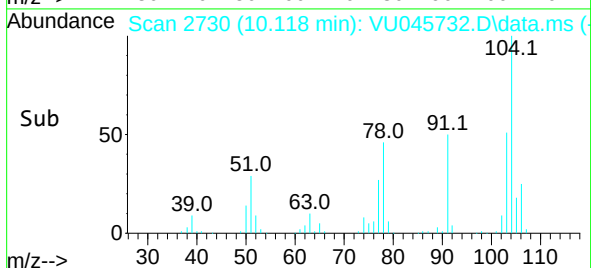
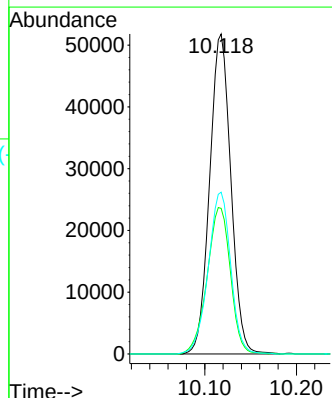
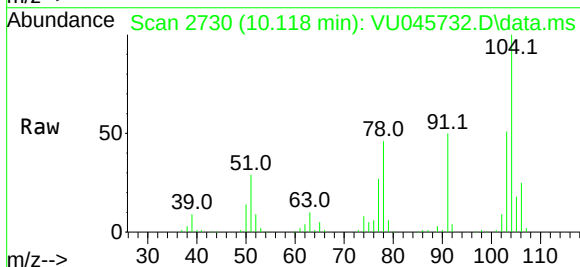
Manual Integrations
APPROVED

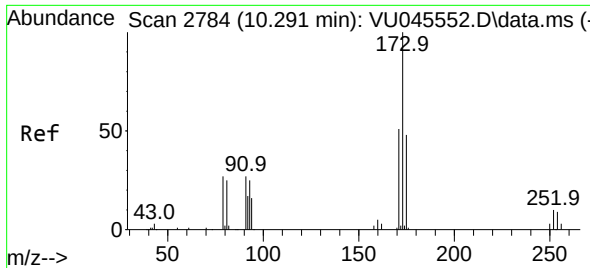
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#70
Styrene
Concen: 20.493 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

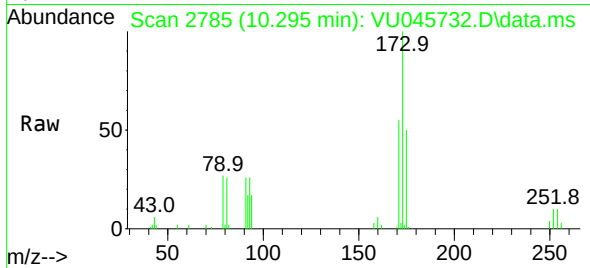
Tgt Ion:104 Resp: 83142
Ion Ratio Lower Upper
104 100
78 50.2 41.8 62.6
103 53.7 43.8 65.6





#71
Bromoform
Concen: 19.704 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

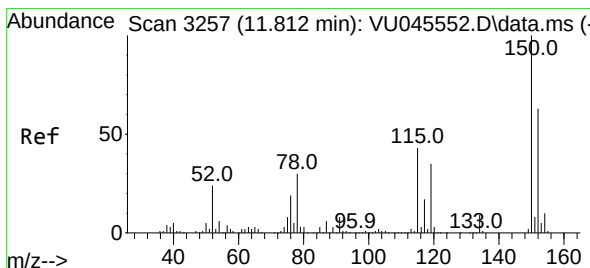
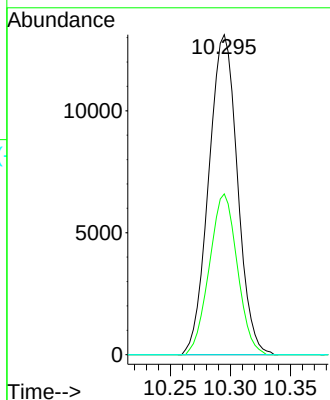
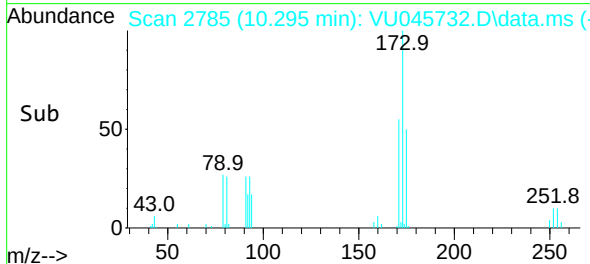
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01



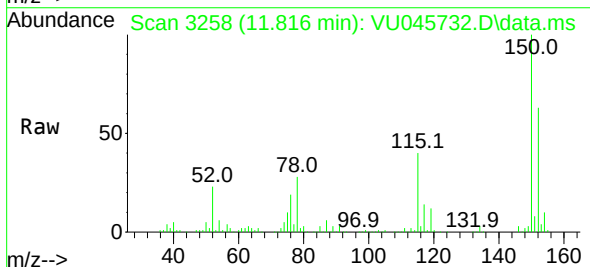
Tgt Ion:173 Resp: 2183
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.2
254 0.0 0.0 0.0

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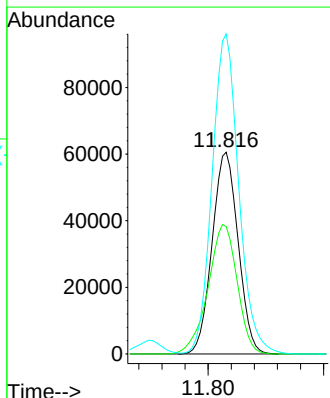
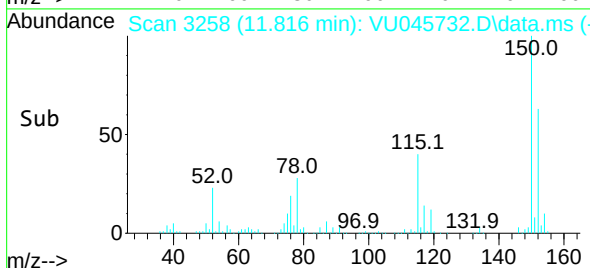
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

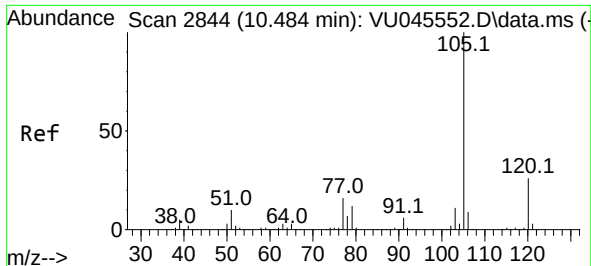


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45



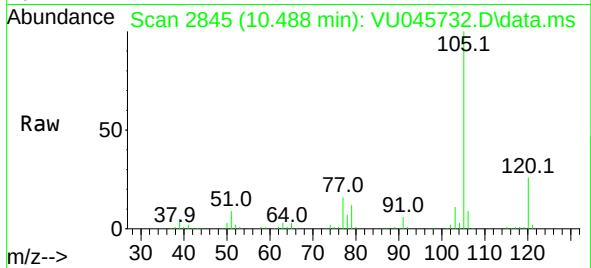
Tgt Ion:152 Resp: 94661
Ion Ratio Lower Upper
152 100
115 71.7 42.7 128.1
150 162.9 0.0 346.8





#73
Isopropylbenzene
Concen: 21.009 ug/l
RT: 10.488 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

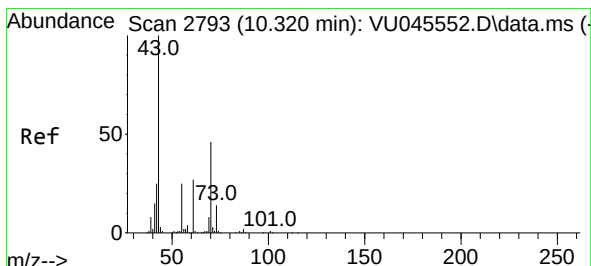
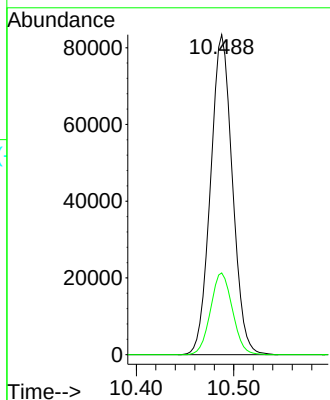
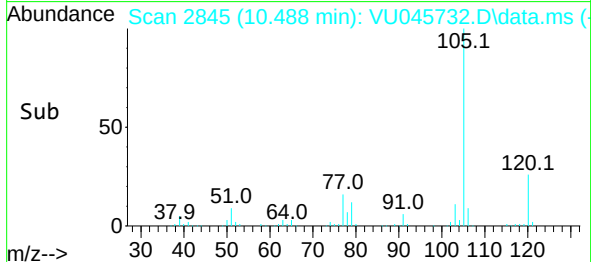
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01



Tgt Ion:105 Resp: 129944
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6

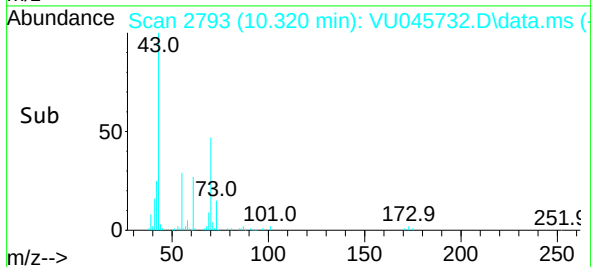
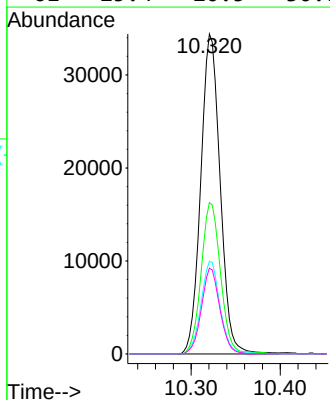
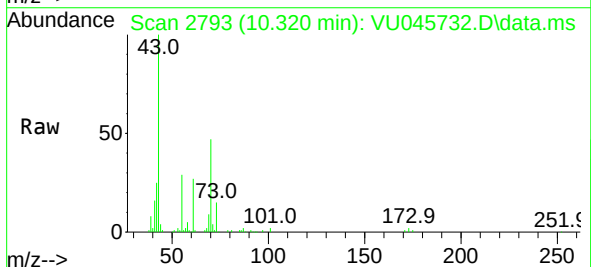
Manual Integrations
APPROVED

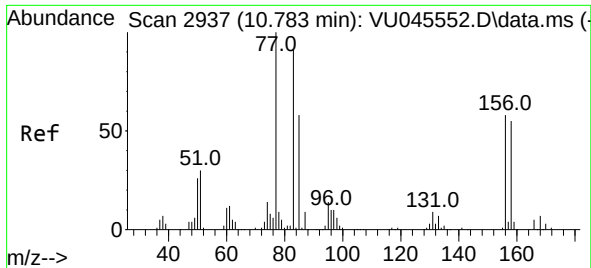
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#74
N-ethyl acetate
Concen: 18.635 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

Tgt Ion: 43 Resp: 51995
Ion Ratio Lower Upper
43 100
70 47.1 36.9 55.3
55 28.3 20.6 31.0
61 25.4 20.5 30.7





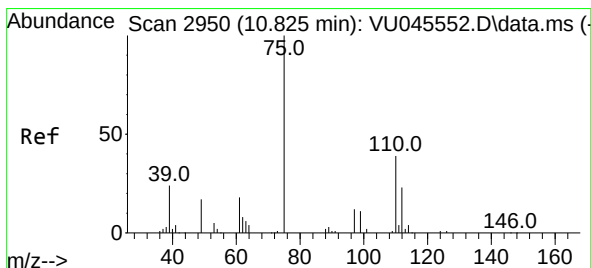
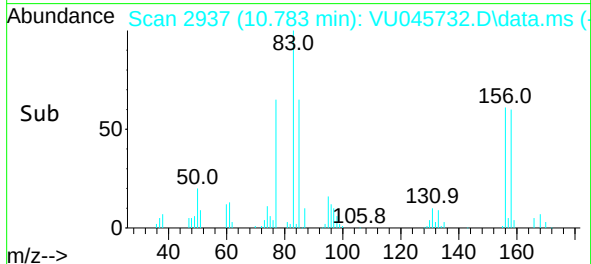
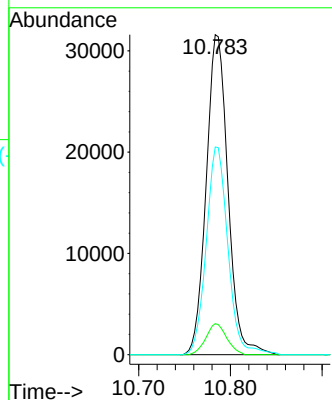
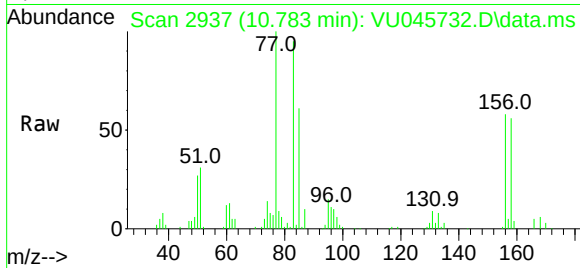
#75
1,1,2,2-Tetrachloroethane
Concen: 21.265 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

Tgt Ion: 83 Resp: 5211
Ion Ratio Lower Upper
83 100
131 9.3 4.4 13.2
85 64.7 31.9 95.9

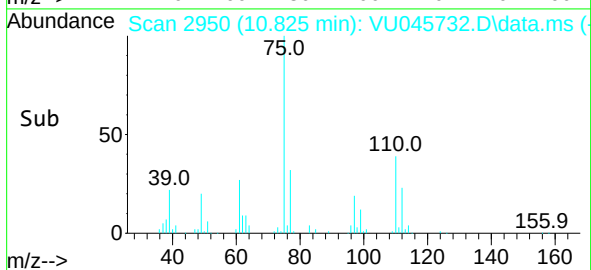
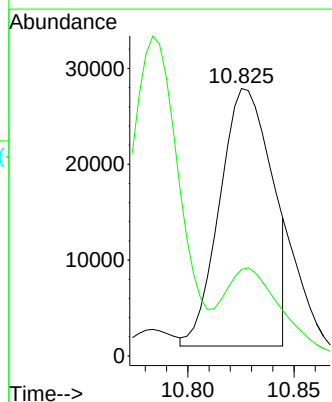
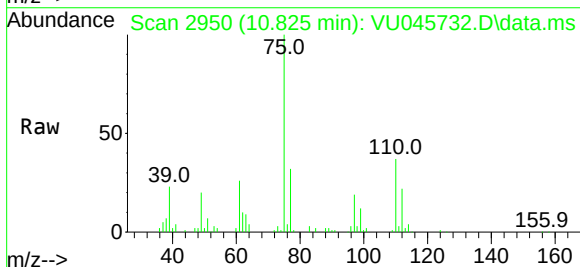
Manual Integrations
APPROVED

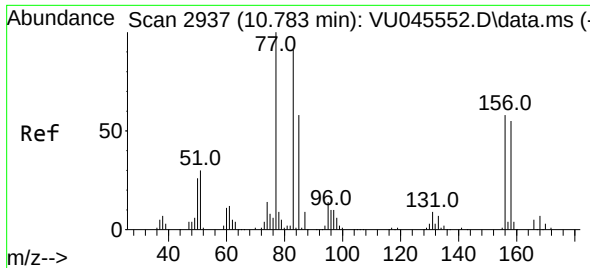
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#76
1,2,3-Trichloropropane
Concen: 15.930 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

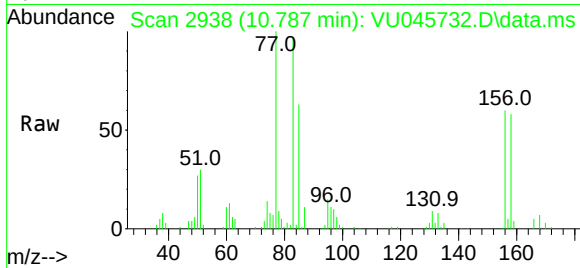
Tgt Ion: 75 Resp: 45731
Ion Ratio Lower Upper
75 100
77 36.9 17.1 51.3





#77
Bromobenzene
Concen: 21.124 ug/l
RT: 10.787 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

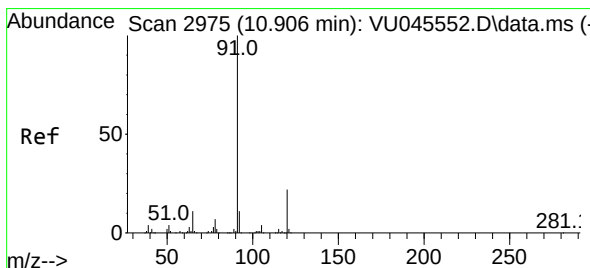
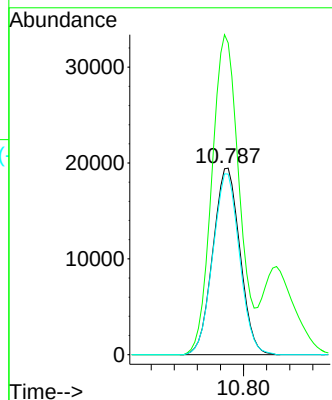
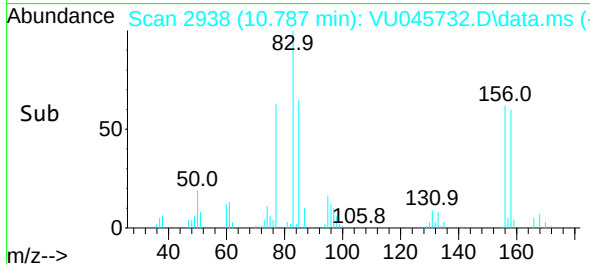
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01



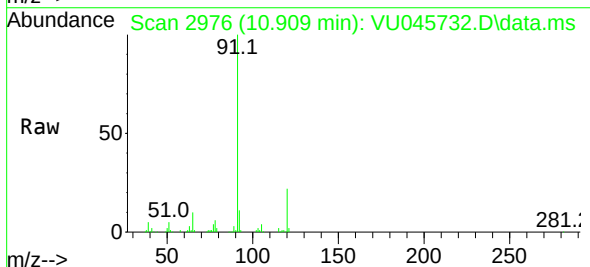
Tgt Ion:156 Resp: 3172
Ion Ratio Lower Upper
156 100
77 171.4 91.1 273.4
158 95.8 47.9 143.6

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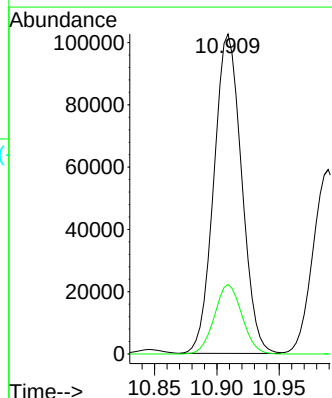
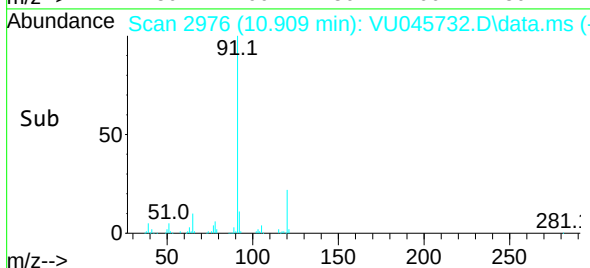
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

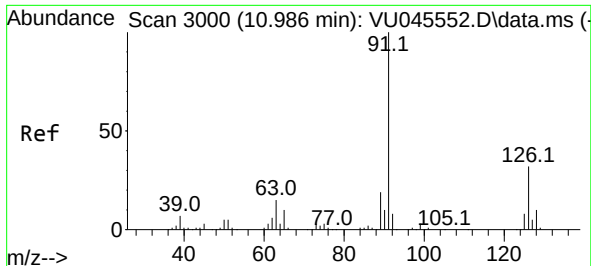


#78
n-propylbenzene
Concen: 20.648 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45



Tgt Ion: 91 Resp: 158944
Ion Ratio Lower Upper
91 100
120 21.6 10.9 32.7





#79

2-Chlorotoluene

Concen: 20.895 ug/l

RT: 10.989 min Scan# 3000

Delta R.T. 0.003 min

Lab File: VU045732.D

Acq: 11 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBSD01

Tgt Ion: 91 Resp: 9503

Ion Ratio Lower Upper

91 100

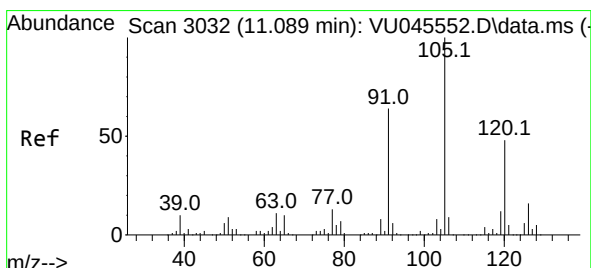
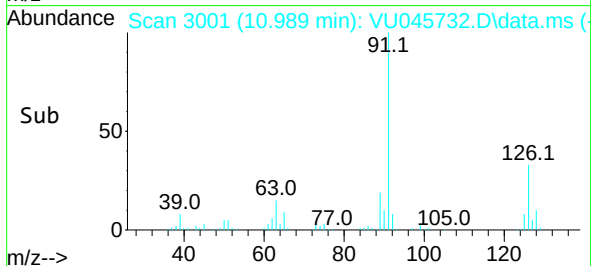
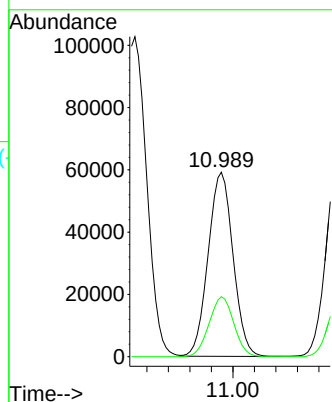
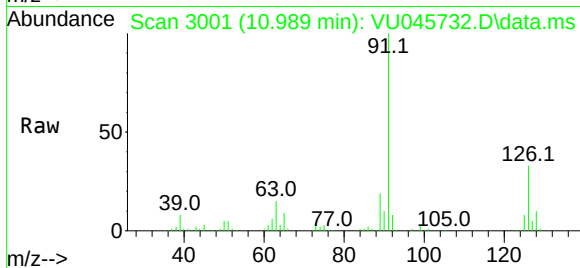
126 32.2 15.6 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#80

1,3,5-Trimethylbenzene

Concen: 20.786 ug/l

RT: 11.092 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VU045732.D

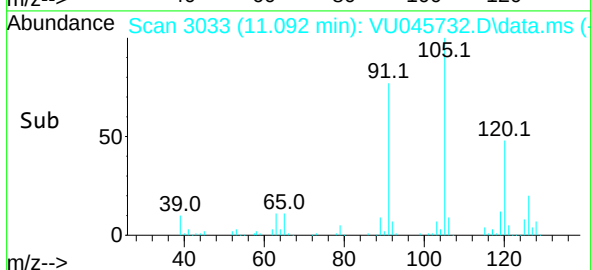
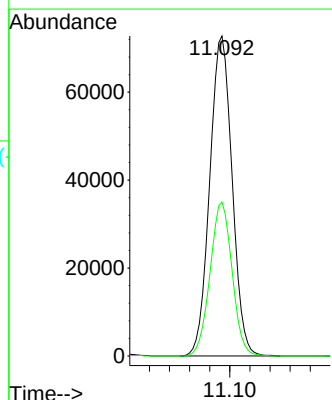
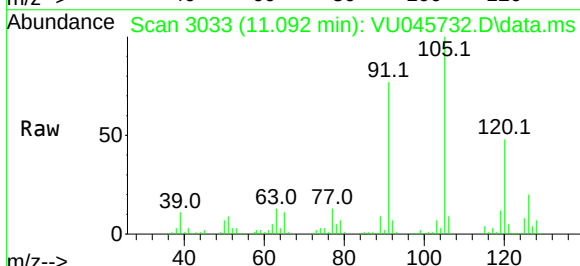
Acq: 11 Nov 2021 12:45

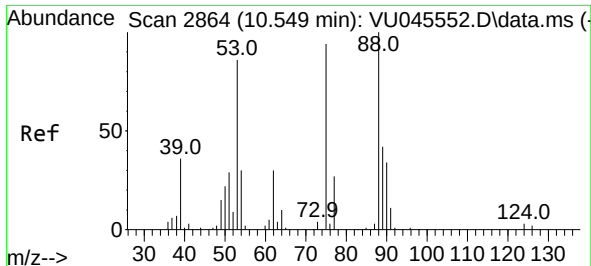
Tgt Ion:105 Resp: 112329

Ion Ratio Lower Upper

105 100

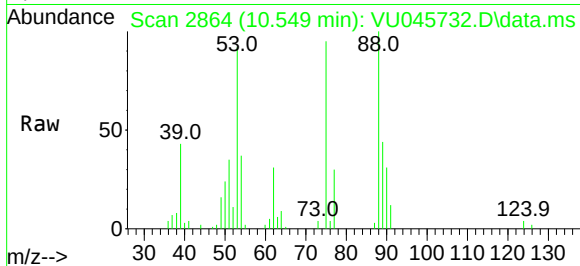
120 47.3 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 17.994 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

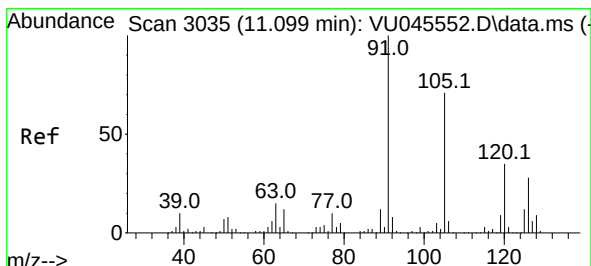
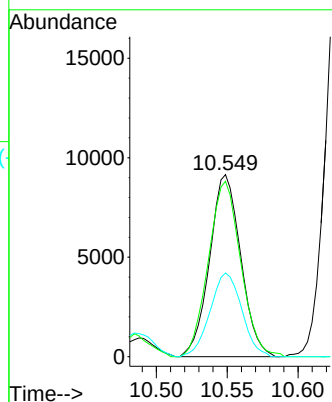
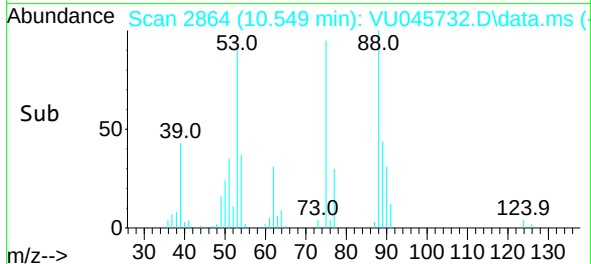
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01



Tgt Ion: 75 Resp: 1398
Ion Ratio Lower Upper
75 100
53 100.0 76.2 114.4
89 46.6 34.0 51.0

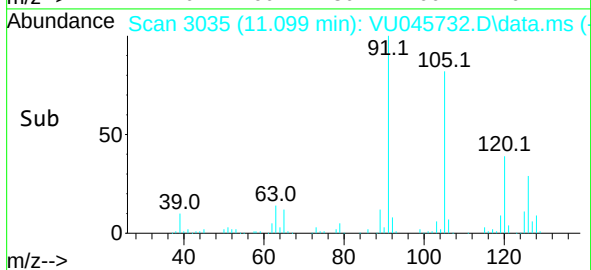
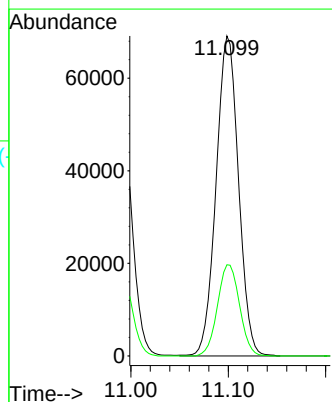
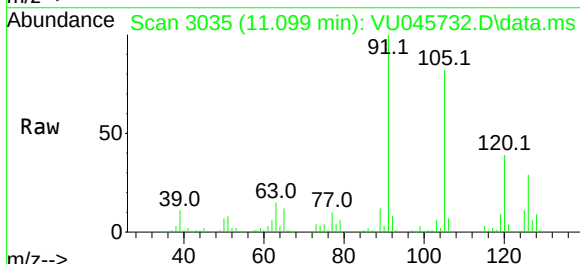
Manual Integrations
APPROVED

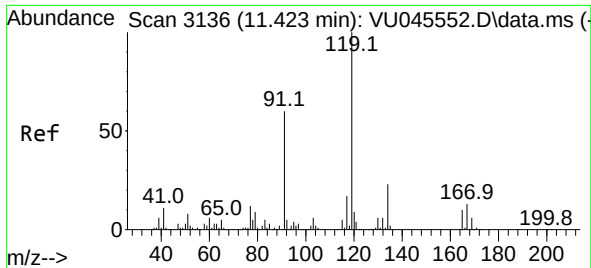
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#82
4-Chlorotoluene
Concen: 20.700 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

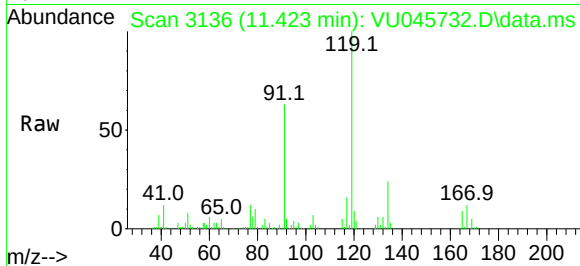
Tgt Ion: 91 Resp: 110408
Ion Ratio Lower Upper
91 100
126 28.1 13.8 41.4





#83
tert-Butylbenzene
Concen: 20.440 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

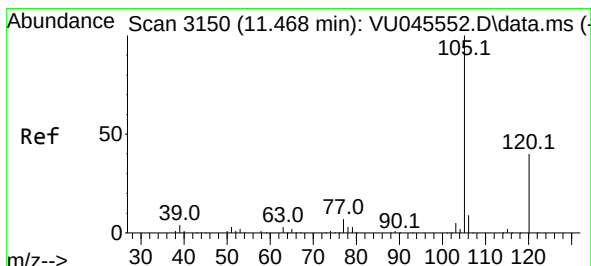
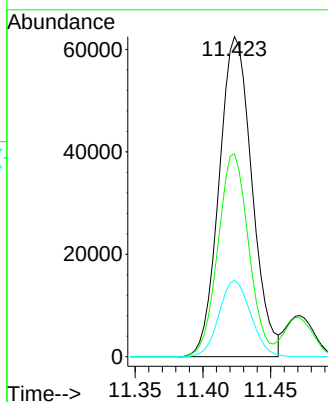
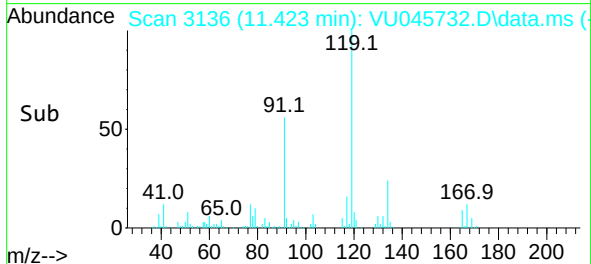
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01



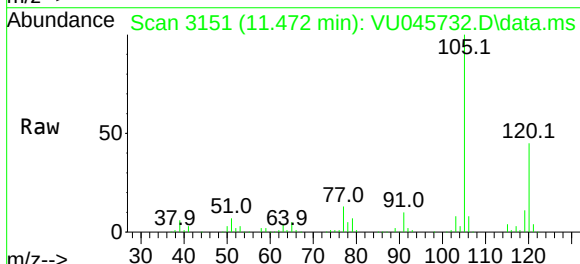
Tgt Ion:119 Resp: 10529
Ion Ratio Lower Upper
119 100
91 59.6 30.5 91.5
134 23.0 11.5 34.5

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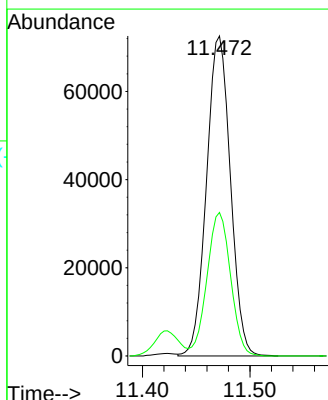
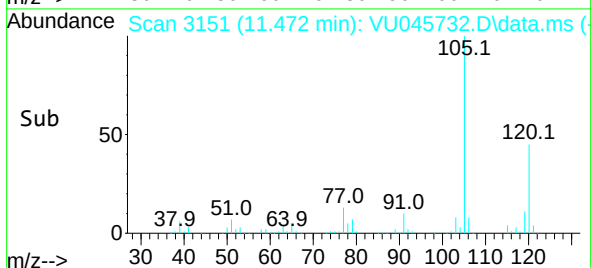
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

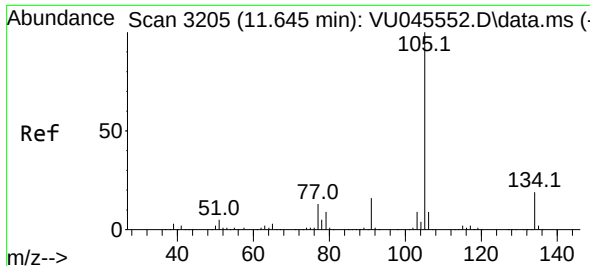


#84
1,2,4-Trimethylbenzene
Concen: 20.847 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45



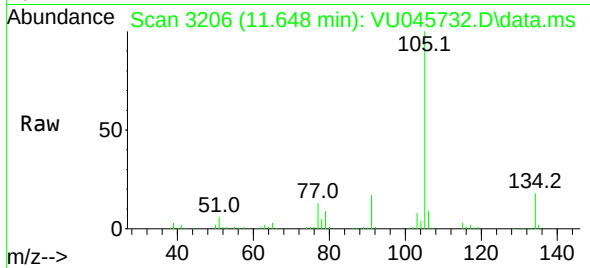
Tgt Ion:105 Resp: 111966
Ion Ratio Lower Upper
105 100
120 44.3 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 20.515 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU045732.D
 Acq: 11 Nov 2021 12:45

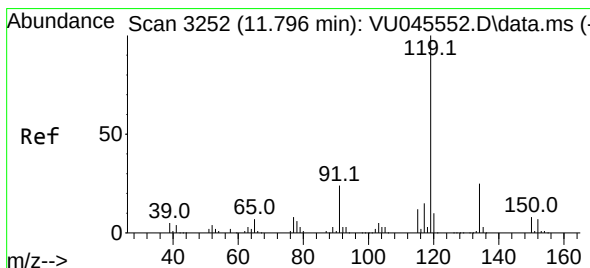
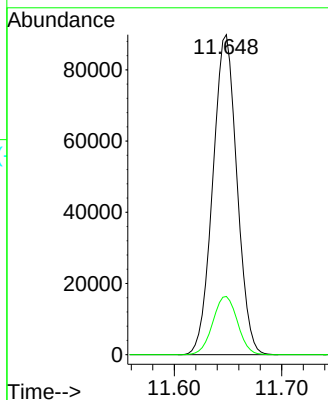
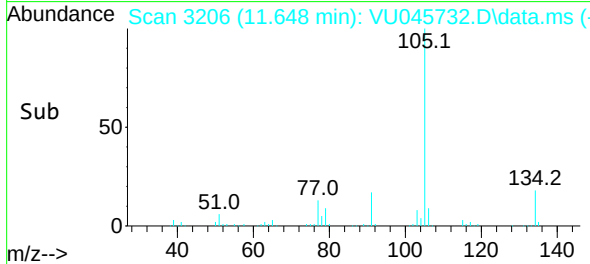
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBSD01



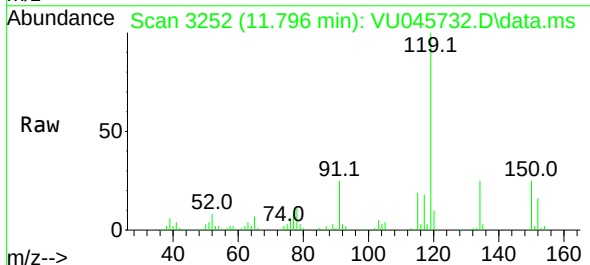
Tgt Ion:105 Resp: 14015
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.4 28.3

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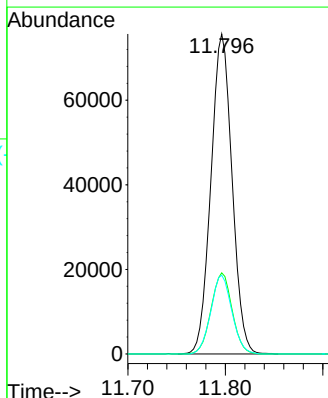
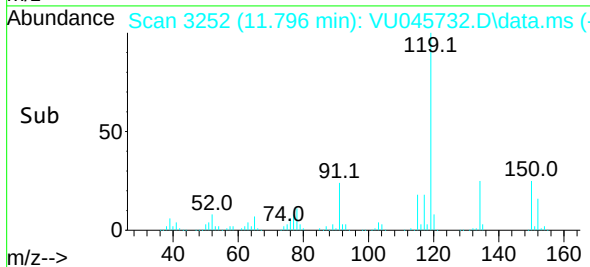
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

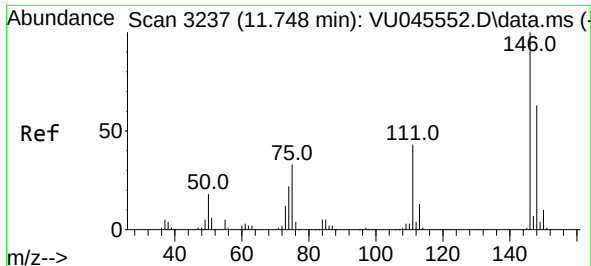


#86
 p-Isopropyltoluene
 Concen: 19.972 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045732.D
 Acq: 11 Nov 2021 12:45



Tgt Ion:119 Resp: 114022
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.1
 91 24.5 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 19.949 ug/l

RT: 11.748 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU045732.D

Acq: 11 Nov 2021 12:45

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBSD01

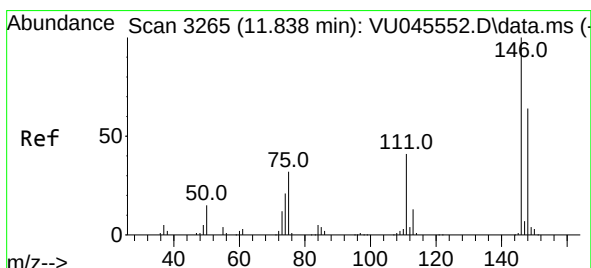
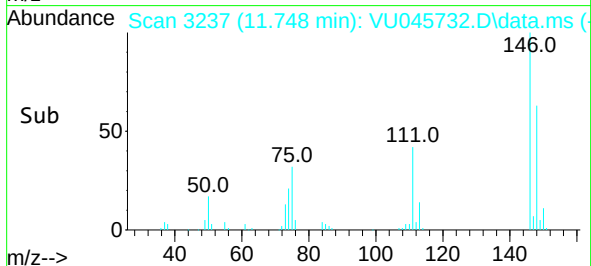
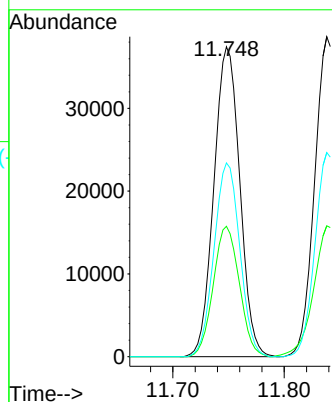
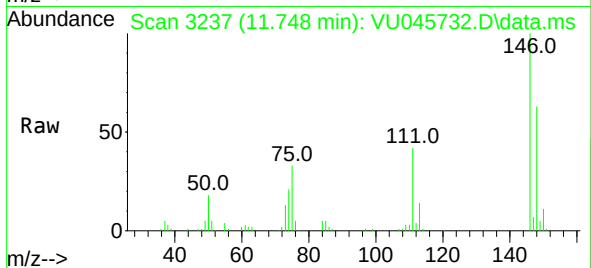
Tgt Ion:146 Resp: 60449
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.3 63.9
 148 62.3 31.7 95.1

Manual Integrations

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Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#88

1,4-Dichlorobenzene

Concen: 19.918 ug/l

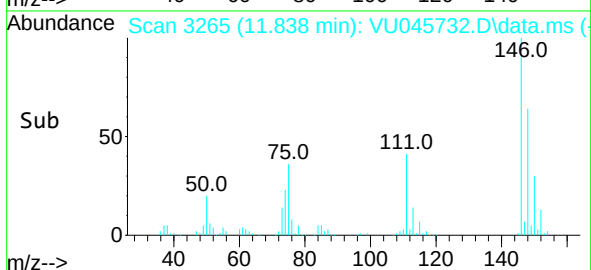
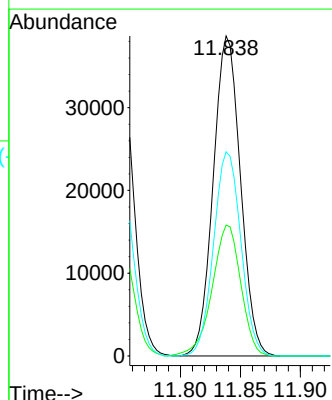
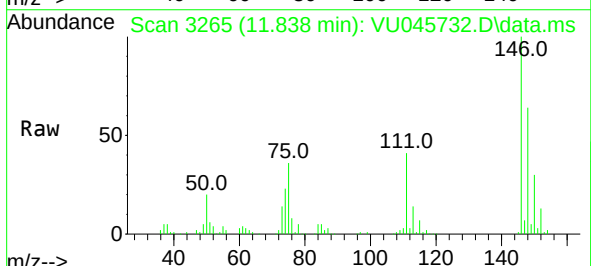
RT: 11.838 min Scan# 3265

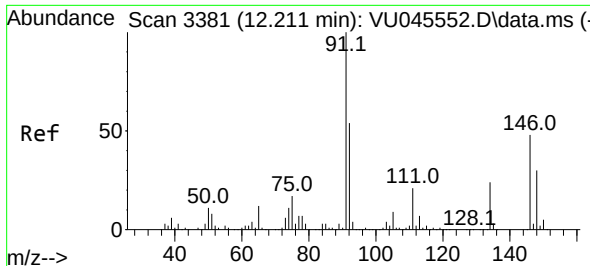
Delta R.T. 0.000 min

Lab File: VU045732.D

Acq: 11 Nov 2021 12:45

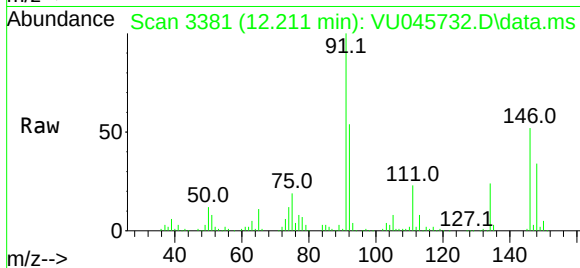
Tgt Ion:146 Resp: 61038
 Ion Ratio Lower Upper
 146 100
 111 43.0 20.6 61.9
 148 64.0 31.9 95.7





#89
n-Butylbenzene
Concen: 18.774 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

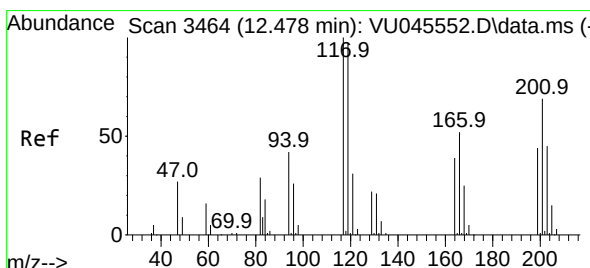
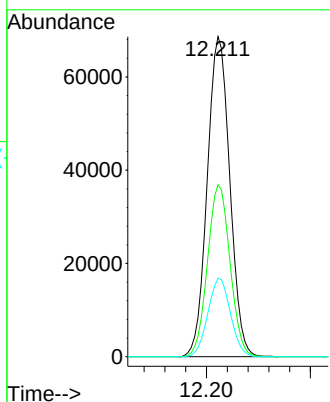
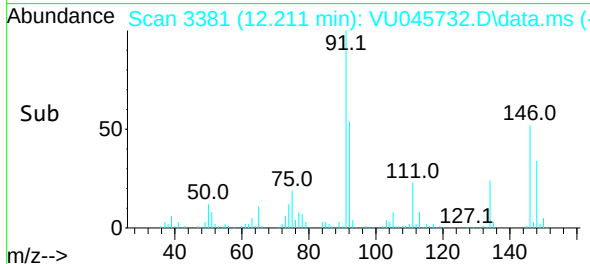
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01



Tgt Ion: 91 Resp: 10324
Ion Ratio Lower Upper
91 100
92 53.6 27.1 81.2
134 24.5 11.8 35.4

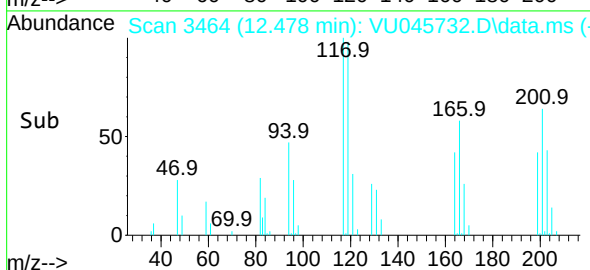
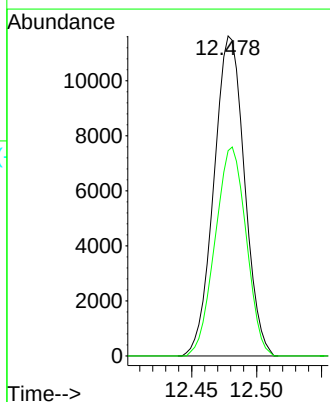
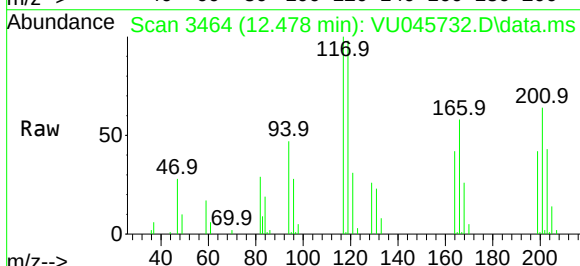
Manual Integrations
APPROVED

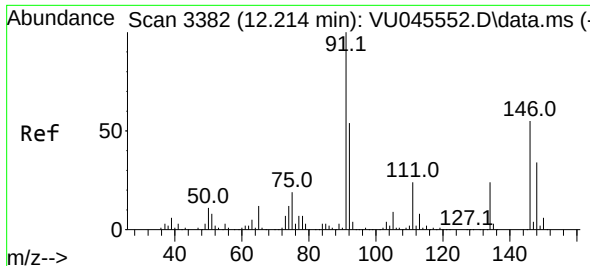
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#90
Hexachloroethane
Concen: 18.485 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

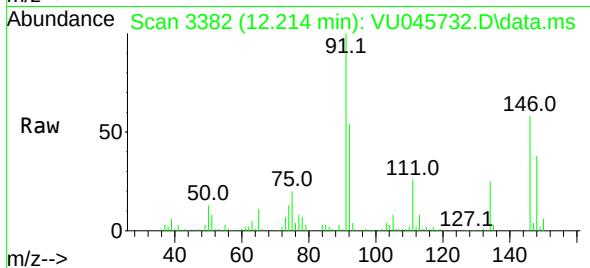
Tgt Ion:117 Resp: 19038
Ion Ratio Lower Upper
117 100
201 66.3 33.8 101.4





#91
1,2-Dichlorobenzene
Concen: 20.464 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

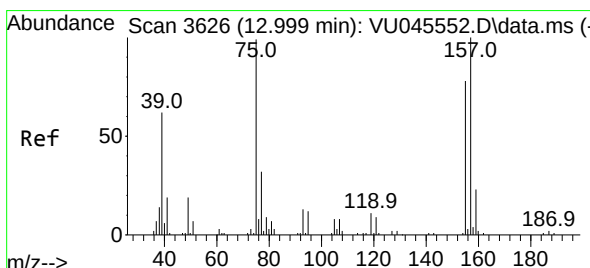
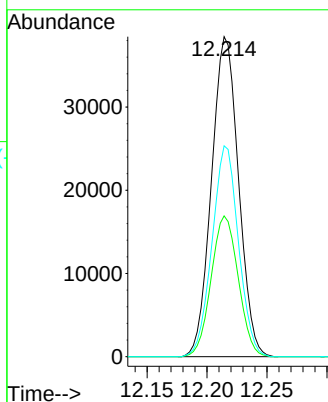
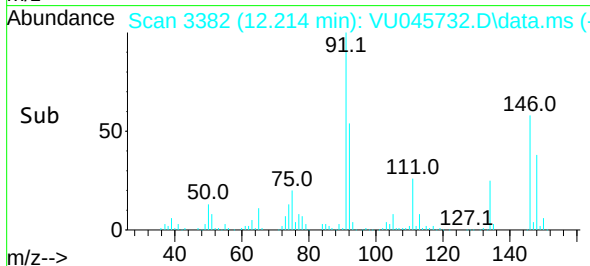
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01



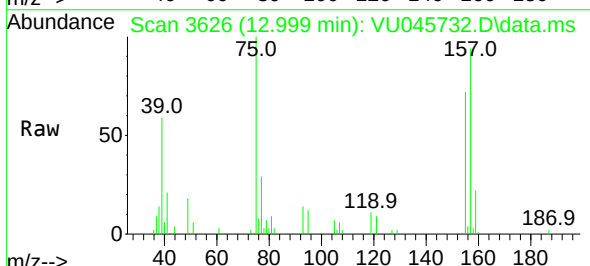
Tgt Ion:146 Resp: 60329
Ion Ratio Lower Upper
146 100
111 44.0 21.9 65.5
148 64.3 32.1 96.3

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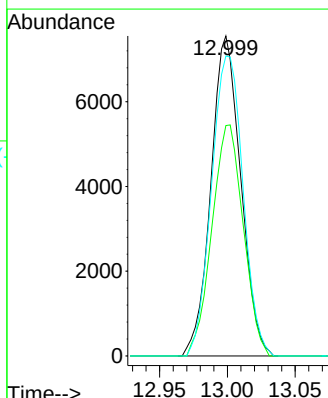
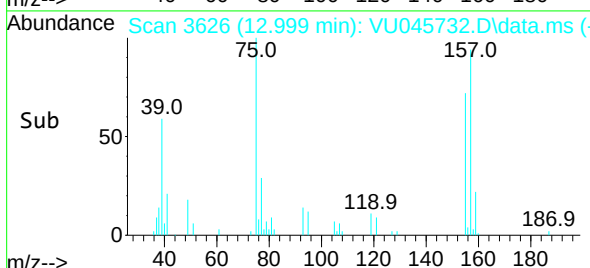
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

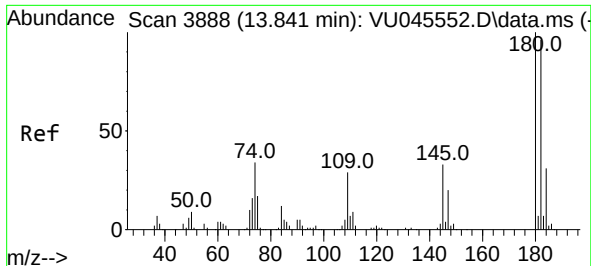


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.006 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45



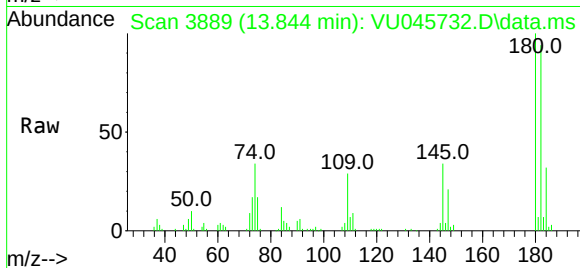
Tgt Ion: 75 Resp: 11568
Ion Ratio Lower Upper
75 100
155 75.7 37.8 113.3
157 98.9 48.4 145.2





#93
1,2,4-Trichlorobenzene
Concen: 18.524 ug/l
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

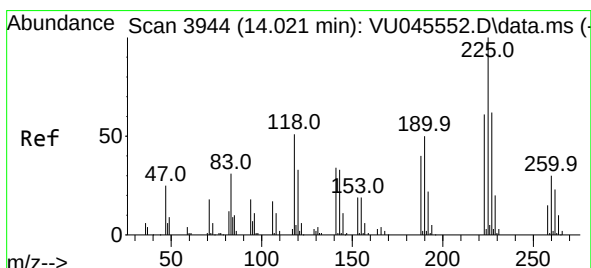
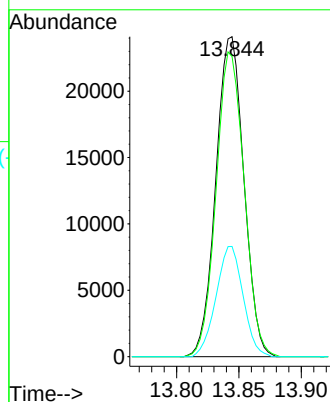
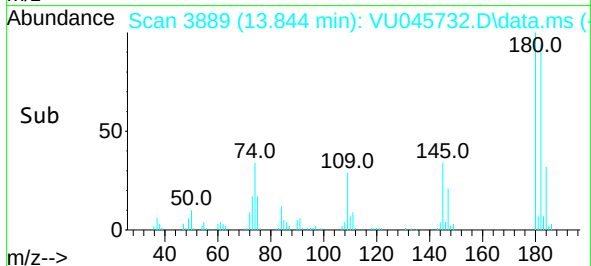
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01



Tgt Ion:180 Resp: 3775
Ion Ratio Lower Upper
180 100
182 95.3 47.0 141.2
145 33.2 15.6 46.7

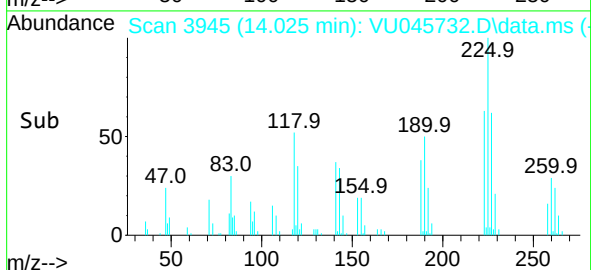
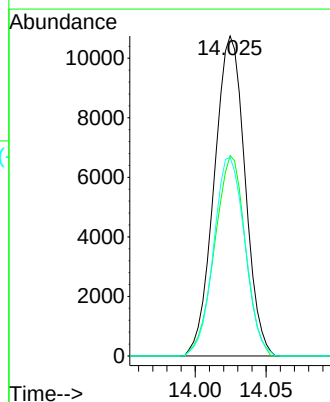
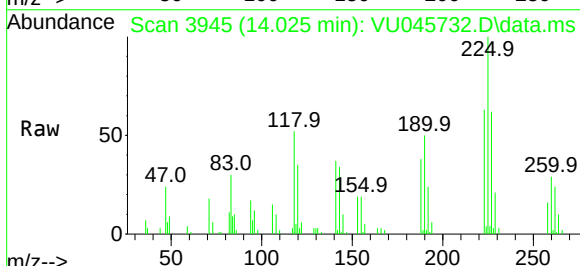
Manual Integrations
APPROVED

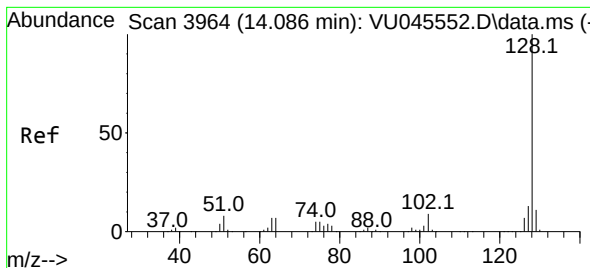
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#94
Hexachlorobutadiene
Concen: 18.470 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

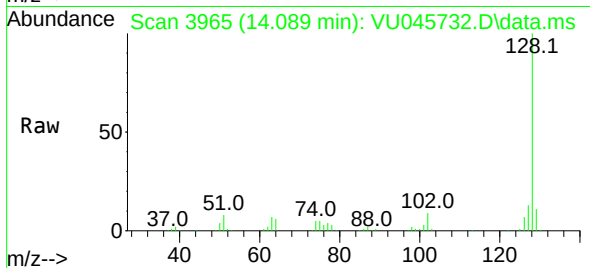
Tgt Ion:225 Resp: 16250
Ion Ratio Lower Upper
225 100
223 62.3 32.0 96.2
227 63.0 31.1 93.5





#95
Naphthalene
Concen: 18.817 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45

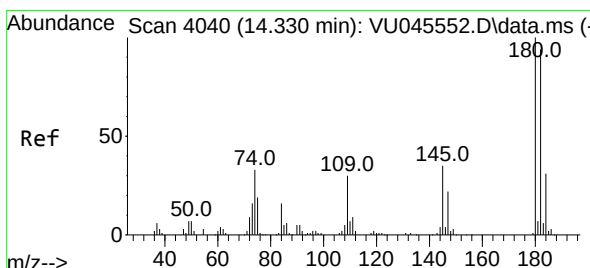
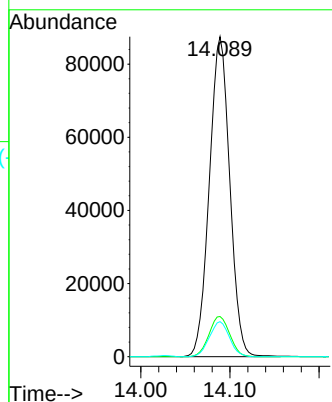
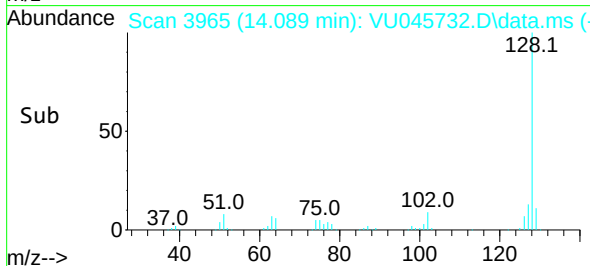
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01



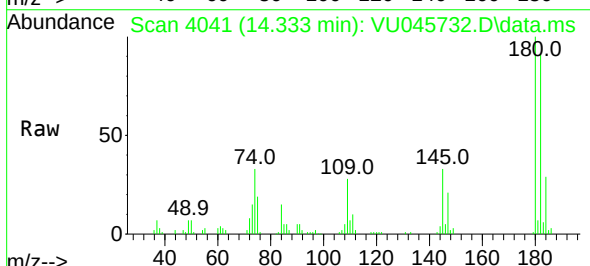
Tgt Ion:128 Resp: 139170
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.7 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.901 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU045732.D
Acq: 11 Nov 2021 12:45



Tgt Ion:180 Resp: 40290
Ion Ratio Lower Upper
180 100
182 93.2 47.7 143.1
145 34.2 16.7 50.0

