

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102221\
 Data File : VU045360.D
 Acq On : 22 Oct 2021 13:25
 Operator : SY/MD
 Sample : M4253-01
 Misc : 1.15g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 22 15:11:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.366	168	215744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	404181	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	373757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.828	152	167714	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.716	65	165411	46.058	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.120%
35) Dibromofluoromethane	5.308	113	111945	43.905	ug/l	0.02
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.820%
50) Toluene-d8	7.903	98	516352	51.254	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.500%
62) 4-Bromofluorobenzene	10.655	95	191854	46.127	ug/l	0.02
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.260%
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	1819	0.526	ug/l	95
5) Bromomethane	1.851	94	1270	0.937	ug/l	92
10) Methyl Iodide	2.668	142	1392	0.503	ug/l #	85
11) Tert butyl alcohol	3.179	59	1099	1.066	ug/l #	72
13) Acrolein	2.475	56	21	3.228	ug/l #	1
16) Acetone	2.678	43	681943	319.899	ug/l	98
17) Carbon Disulfide	2.723	76	2197	0.291	ug/l	95
18) Methyl Acetate	2.678	43	568808	91.295	ug/l #	52
20) Methylene Chloride	3.025	84	1918	0.597	ug/l #	82
25) 2-Butanone	4.764	43	1076	0.355	ug/l	97
29) Tetrahydrofuran	5.102	42	1480	0.821	ug/l #	50
31) Cyclohexane	5.350	56	14686	2.692	ug/l #	67
36) 1,1-Dichloropropene	5.366	75	22135	5.237	ug/l #	49
38) Carbon Tetrachloride	5.369	117	21995	6.014	ug/l #	15
39) Methylcyclohexane	6.751	83	334209	64.409	ug/l	98
41) Methacrylonitrile	5.099	41	779	0.271	ug/l #	44
43) Isopropyl Acetate	5.832	43	12608	1.499	ug/l #	61
44) Trichloroethene	6.542	130	141658	47.727	ug/l	96
45) 1,2-Dichloropropane	6.751	63	2948	0.883	ug/l #	1
47) Bromodichloromethane	7.067	83	2202	0.504	ug/l #	73
48) Methyl methacrylate	6.970	41	17009	4.153	ug/l #	43
51) 4-Methyl-2-Pentanone	7.848	43	11186	1.826	ug/l	93
52) Toluene	7.973	92	3453599	438.332	ug/l	99
53) t-1,3-Dichloropropene	7.973	75	38304	7.673	ug/l #	1
55) 1,1,2-Trichloroethane	8.366	97	17660	5.379	ug/l #	19
56) Ethyl methacrylate	8.333	69	5099	2.592	ug/l #	71
58) 2-Chloroethyl Vinyl ether	7.494	63	40	21.890	ug/l #	49
59) 2-Hexanone	8.761	43	10792	2.164	ug/l	68
60) Dibromochloromethane	8.555	129	22865	8.459	ug/l #	10
64) Tetrachloroethene	8.555	164	22952	9.409	ug/l	98
67) Ethyl Benzene	9.578	91	6716388	465.779	ug/l	100
68) m/p-Xylenes	9.706	106	10523236	1878.458	ug/l	93
69) o-Xylene	10.111	106	4090416	735.700	ug/l	100
70) Styrene	10.111	104	210306	22.547	ug/l #	1
73) Isopropylbenzene	10.494	105	191520	15.334	ug/l	100
74) N-amyl acetate	10.320	43	12153	1.933	ug/l #	1

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

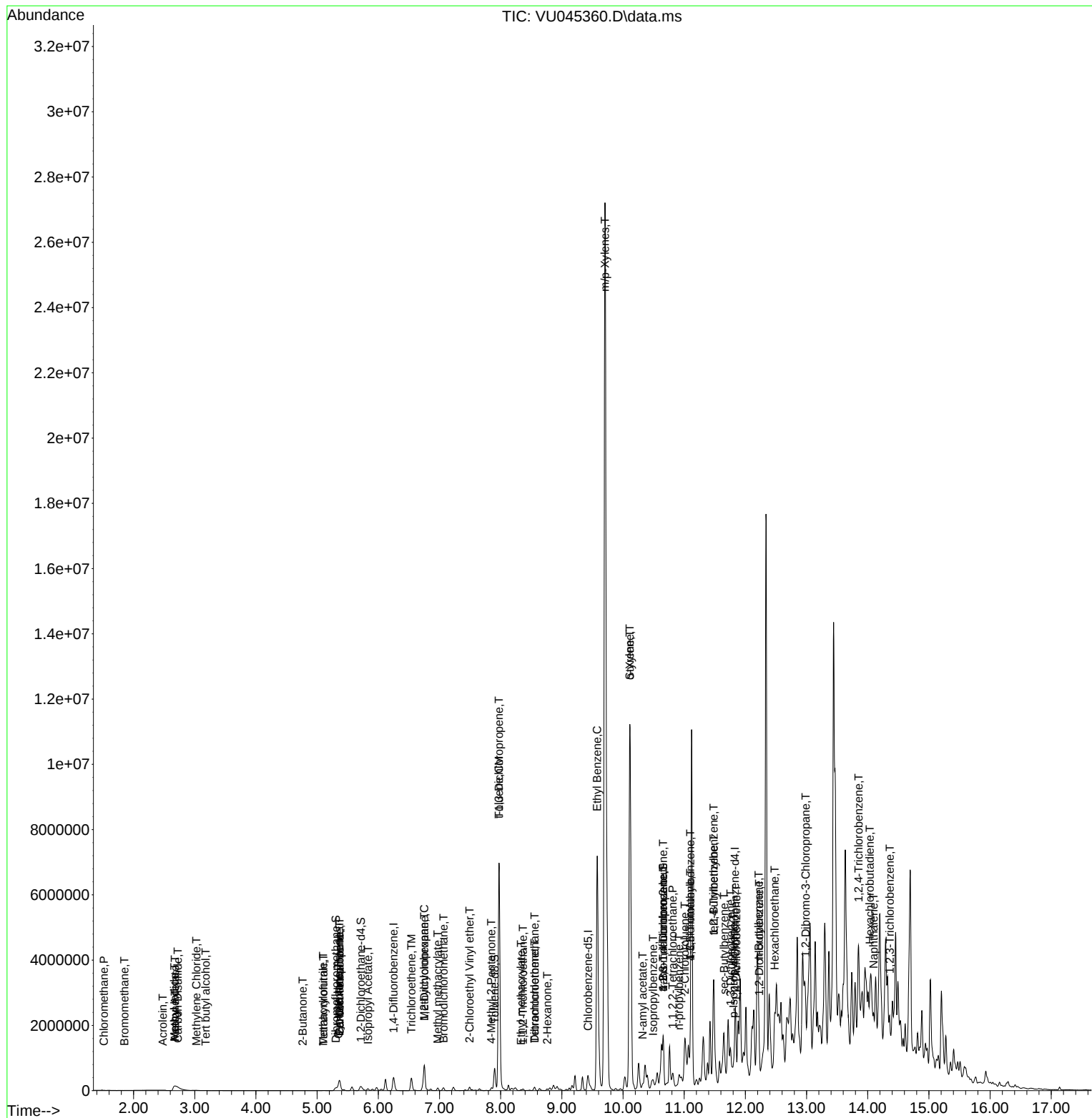
75) 1,1,2,2-Tetrachloroethane	10.812	83	30450	5.635	ug/l #	25
76) 1,2,3-Trichloropropane	10.655	75	92542	18.917	ug/l #	39
78) n-propylbenzene	10.919	91	356024	23.392	ug/l	100
79) 2-Chlorotoluene	11.012	91	154708	16.216	ug/l #	46
80) 1,3,5-Trimethylbenzene	11.102	105	419009	38.296	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.655	75	92542	52.499	ug/l #	15
82) 4-Chlorotoluene	11.102	91	50309	4.665	ug/l #	56
83) tert-Butylbenzene	11.481	119	198069	18.612	ug/l #	62
84) 1,2,4-Trimethylbenzene	11.481	105	1636997	151.231	ug/l	100
85) sec-Butylbenzene	11.655	105	236442	17.252	ug/l	87
86) p-Isopropyltoluene	11.806	119	152751	13.856	ug/l	99
87) 1,3-Dichlorobenzene	11.761	146	1228	0.213	ug/l #	71
88) 1,4-Dichlorobenzene	11.851	146	4207	0.712	ug/l #	1
89) n-Butylbenzene	12.217	91	694086	68.356	ug/l #	56
90) Hexachloroethane	12.478	117	62278	31.284	ug/l #	15
91) 1,2-Dichlorobenzene	12.227	146	1211	0.205	ug/l #	71
92) 1,2-Dibromo-3-Chloropr...	12.986	75	4028	3.159	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.851	180	1638	0.498	ug/l #	1
94) Hexachlorobutadiene	14.034	225	413	0.301	ug/l	79
95) Naphthalene	14.095	128	476737	38.525	ug/l #	93
96) 1,2,3-Trichlorobenzene	14.359	180	27356	8.279	ug/l #	1

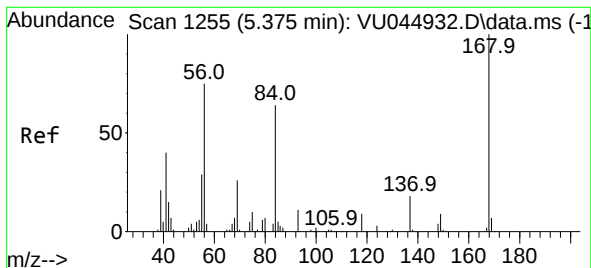
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.366 min Scan# 1252

Delta R.T. -0.009 min

Lab File: VU045360.D

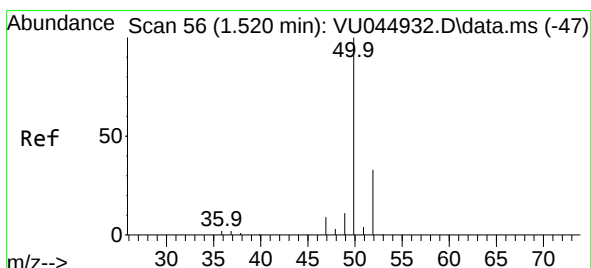
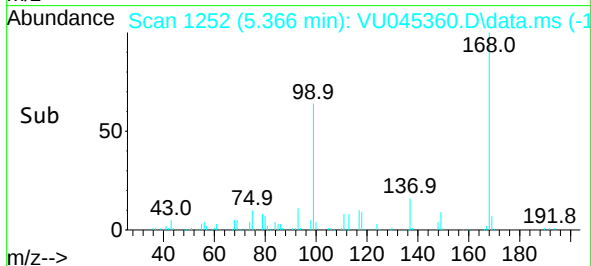
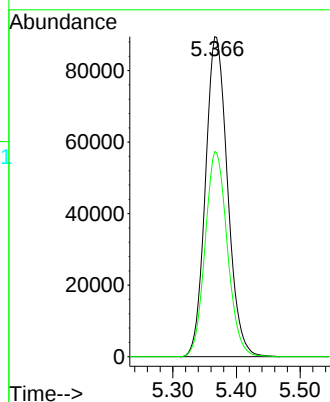
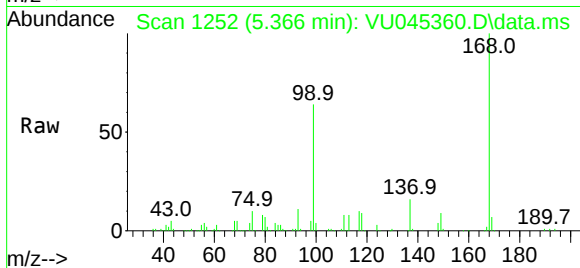
Acq: 22 Oct 2021 13:25

Tgt Ion:168 Resp: 215744

Ion Ratio Lower Upper

168 100

99 64.1 51.4 77.0



#3

Chloromethane

Concen: 0.526 ug/l

RT: 1.517 min Scan# 55

Delta R.T. -0.003 min

Lab File: VU045360.D

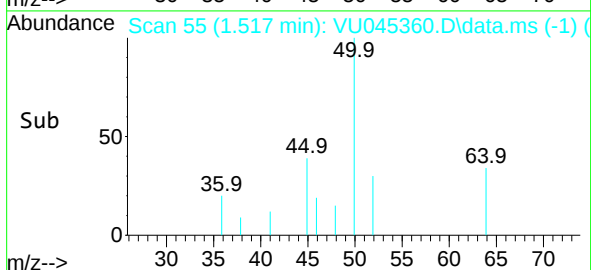
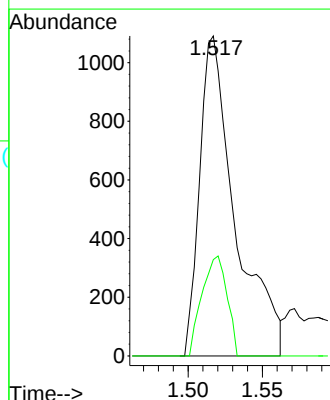
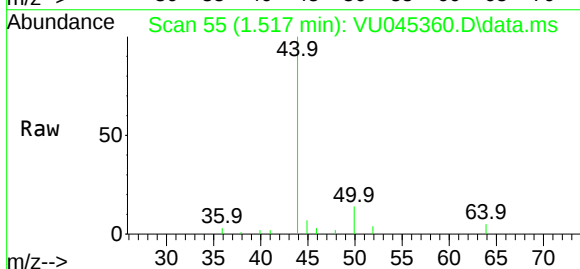
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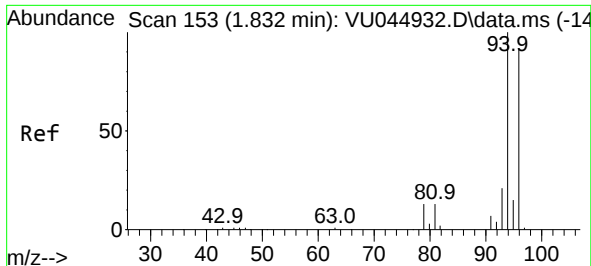
Tgt Ion: 50 Resp: 1819

Ion Ratio Lower Upper

50 100

52 30.1 26.3 39.5

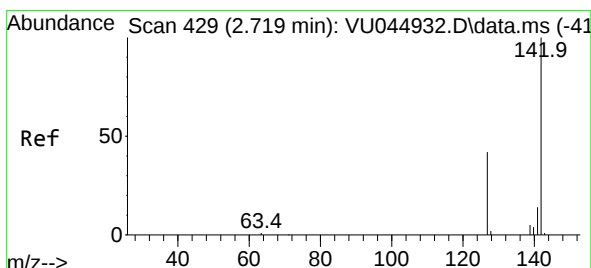
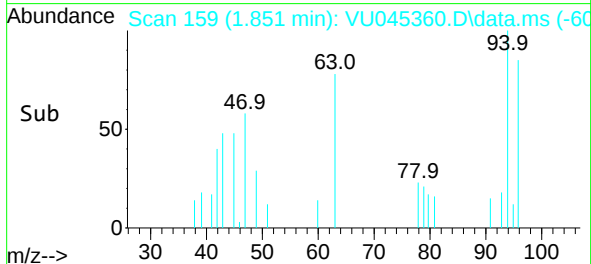
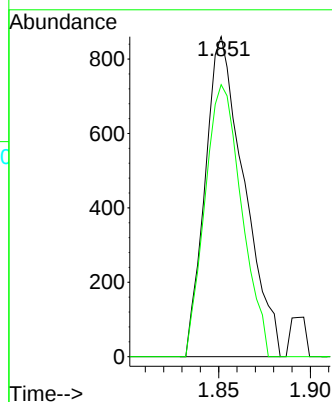
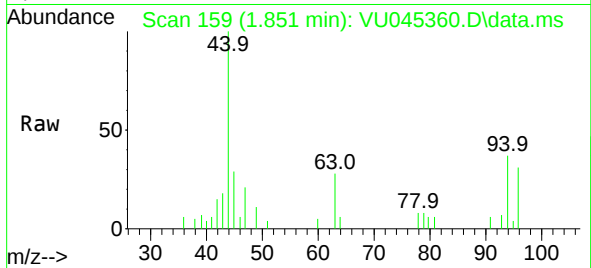




#5
Bromomethane
Concen: 0.937 ug/l
RT: 1.851 min Scan# 159
Delta R.T. 0.019 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

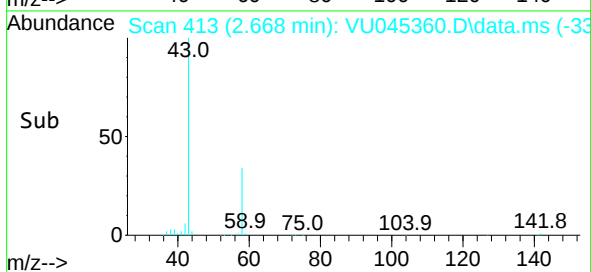
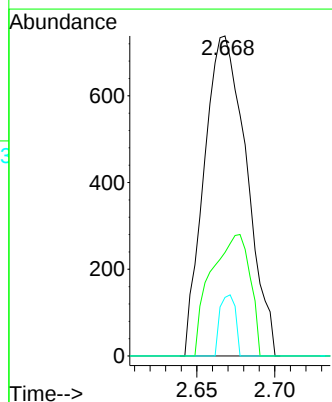
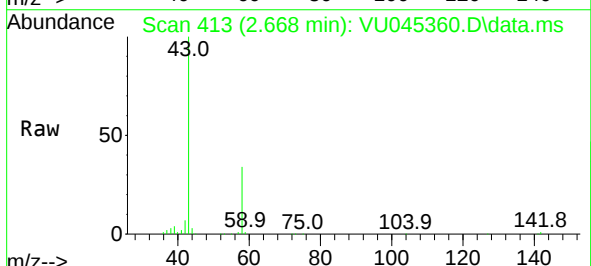
Instrument :
MSVOA_U
ClientSampled :

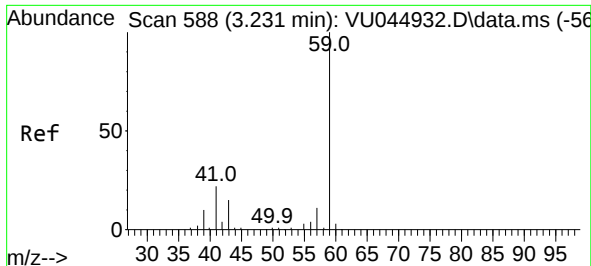
Tgt Ion: 94 Resp: 1270
Ion Ratio Lower Upper
94 100
96 85.0 74.5 111.7



#10
Methyl Iodide
Concen: 0.503 ug/l
RT: 2.668 min Scan# 413
Delta R.T. -0.051 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion: 142 Resp: 1392
Ion Ratio Lower Upper
142 100
127 34.9 35.6 53.4#
141 7.0 11.3 16.9#

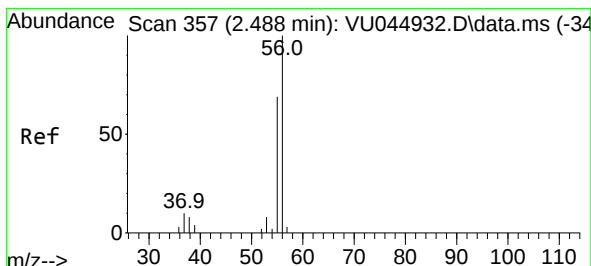
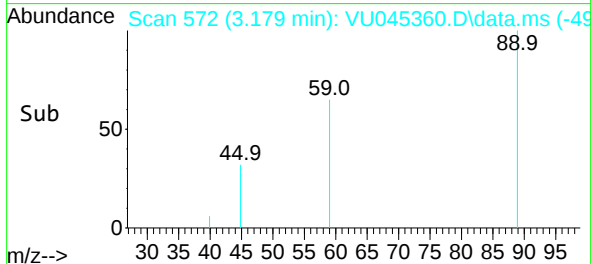
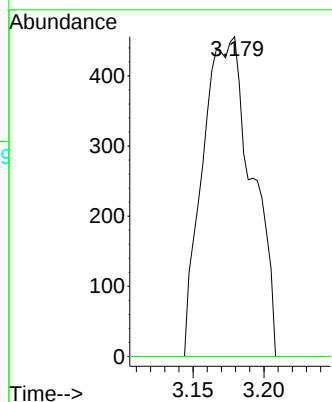
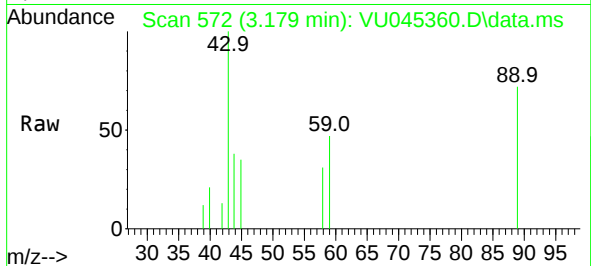




#11
Tert butyl alcohol
Concen: 1.066 ug/l
RT: 3.179 min Scan# 572
Delta R.T. -0.052 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

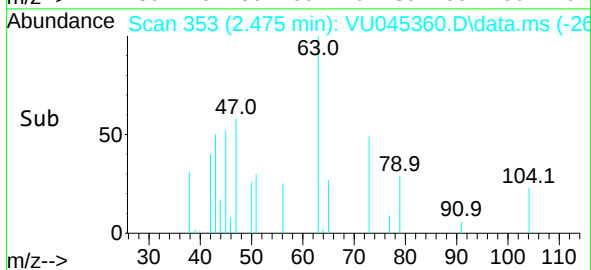
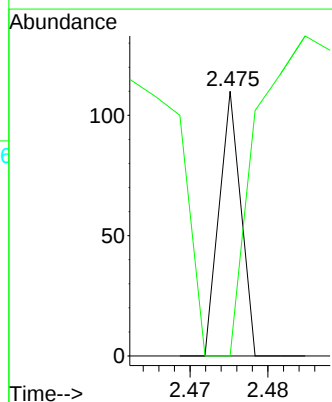
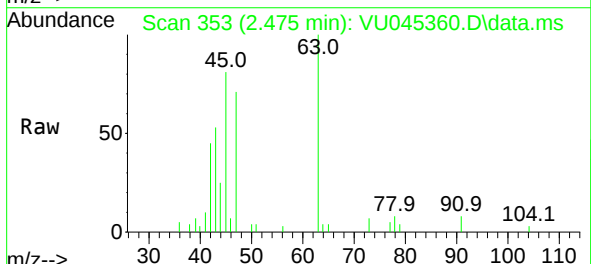
Instrument :
MSVOA_U
ClientSampled :

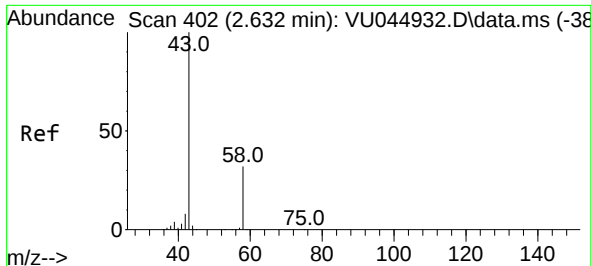
Tgt Ion: 59 Resp: 1099
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 3.228 ug/l
RT: 2.475 min Scan# 353
Delta R.T. -0.013 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 866.7 57.4 86.0#

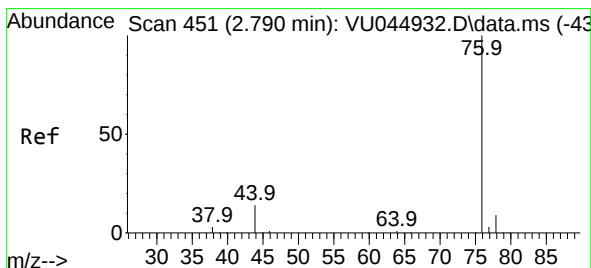
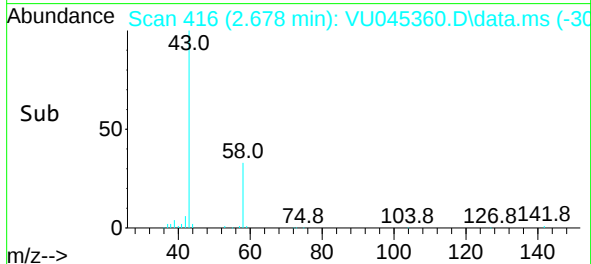
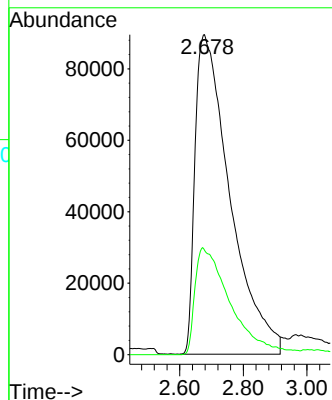
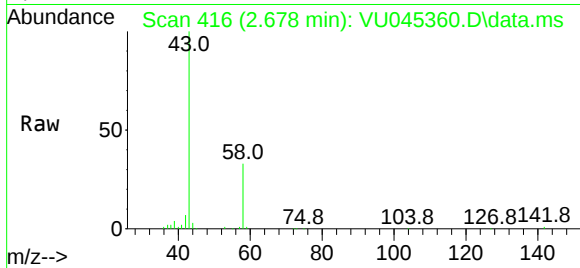




#16
Acetone
Concen: 319.899 ug/l
RT: 2.678 min Scan# 416
Delta R.T. 0.046 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

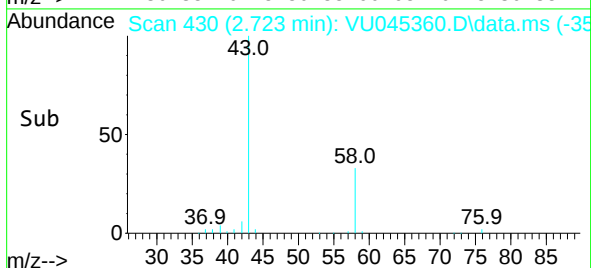
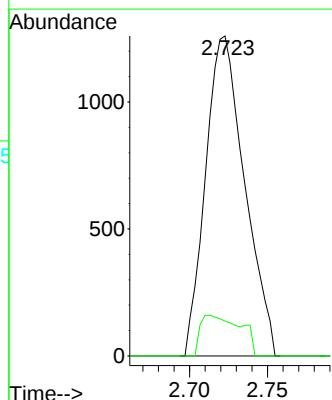
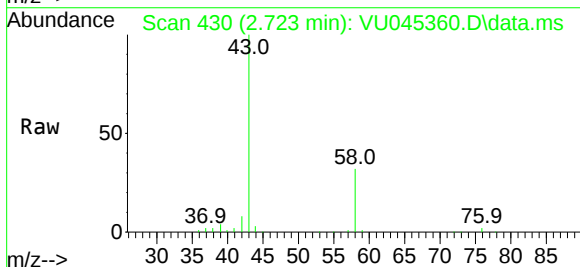
Instrument :
MSVOA_U
ClientSampled :

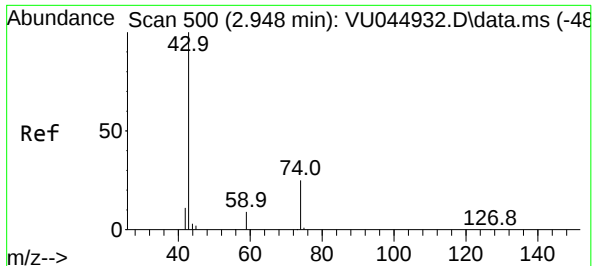
Tgt Ion: 43 Resp: 681943
Ion Ratio Lower Upper
43 100
58 32.7 25.2 37.8



#17
Carbon Disulfide
Concen: 0.291 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.067 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion: 76 Resp: 2197
Ion Ratio Lower Upper
76 100
78 10.9 7.4 11.0

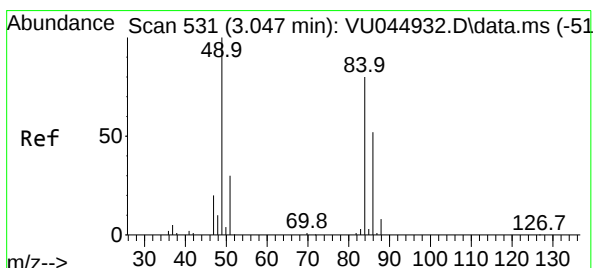
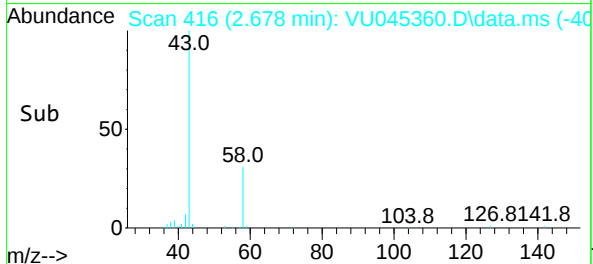
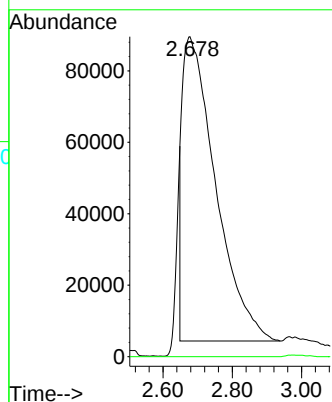
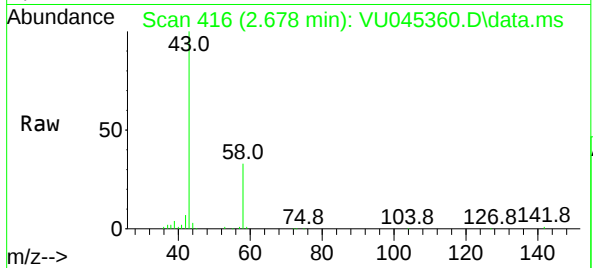




#18
Methyl Acetate
Concen: 91.295 ug/l
RT: 2.678 min Scan# 416
Delta R.T. -0.270 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

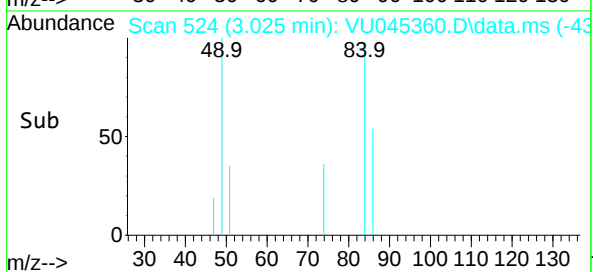
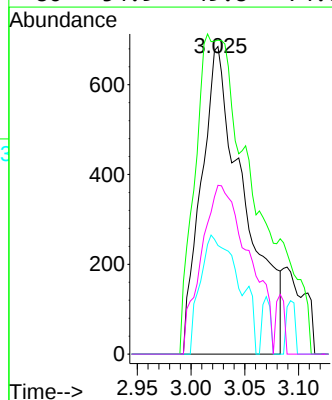
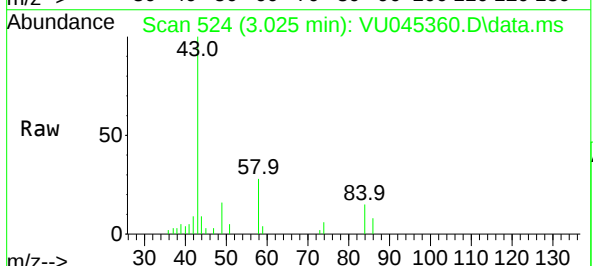
Instrument :
MSVOA_U
ClientSampled :

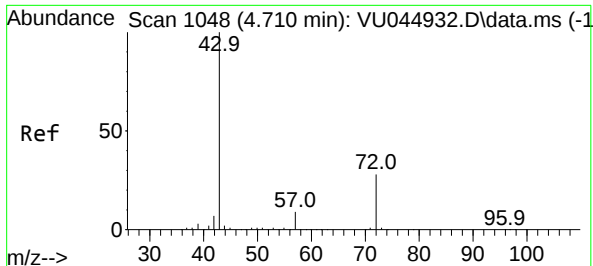
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Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



#20
Methylene Chloride
Concen: 0.597 ug/l
RT: 3.025 min Scan# 524
Delta R.T. -0.022 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion: 84 Resp: 1918
Ion Ratio Lower Upper
84 100
49 102.0 104.9 157.3#
51 35.3 31.8 47.8
86 54.9 49.8 74.6

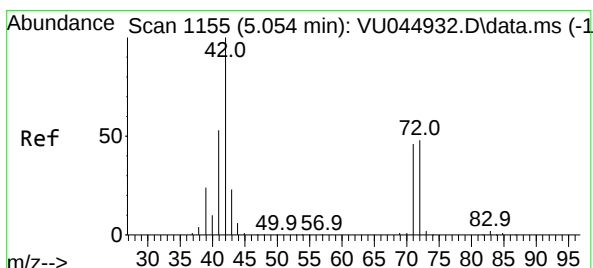
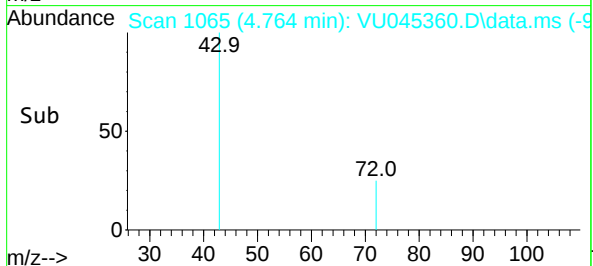
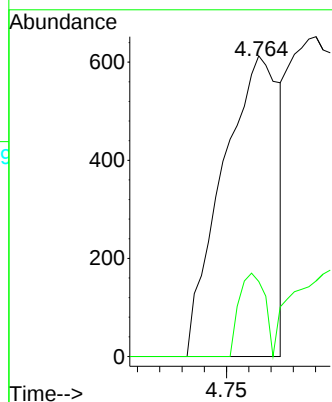
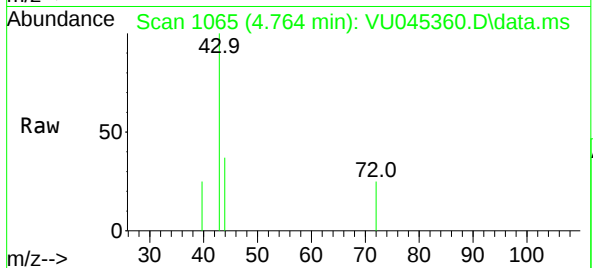




#25
2-Butanone
Concen: 0.355 ug/l
RT: 4.764 min Scan# 1065
Delta R.T. 0.054 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

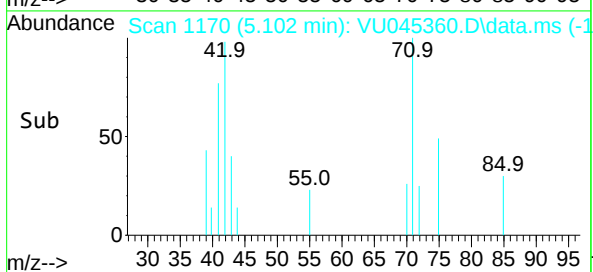
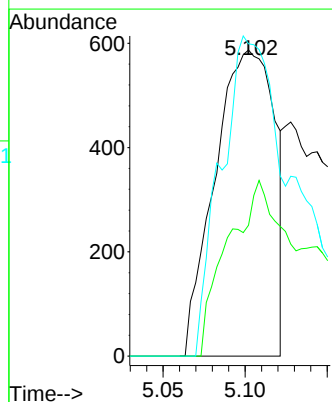
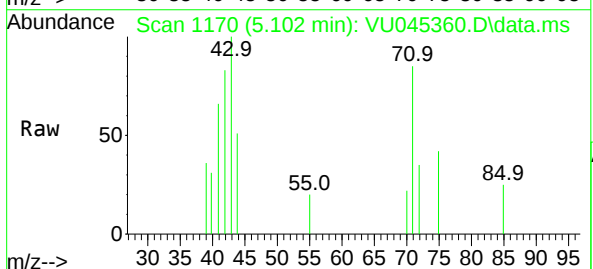
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MSVOA_U
ClientSampled :

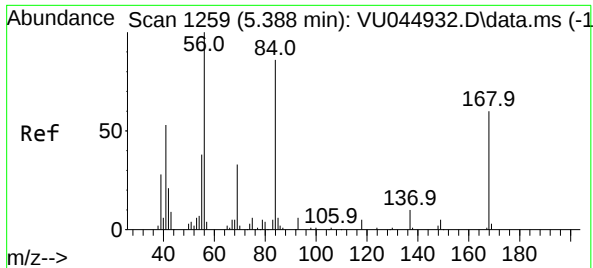
Tgt Ion: 43 Resp: 1076
Ion Ratio Lower Upper
43 100
72 25.0 21.3 31.9



#29
Tetrahydrofuran
Concen: 0.821 ug/l
RT: 5.102 min Scan# 1170
Delta R.T. 0.048 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion: 42 Resp: 1480
Ion Ratio Lower Upper
42 100
72 57.4 36.2 54.4#
71 95.6 34.1 51.1#

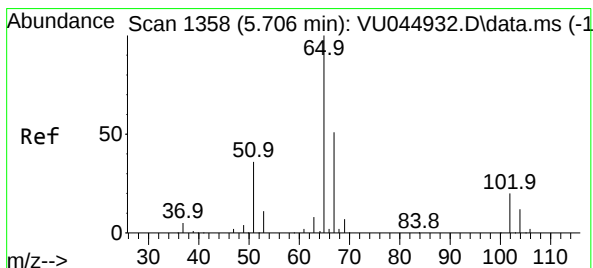
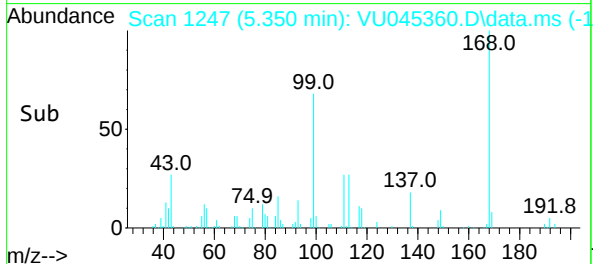
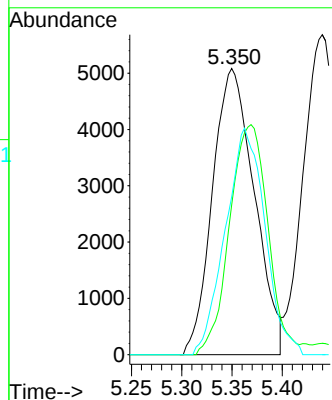
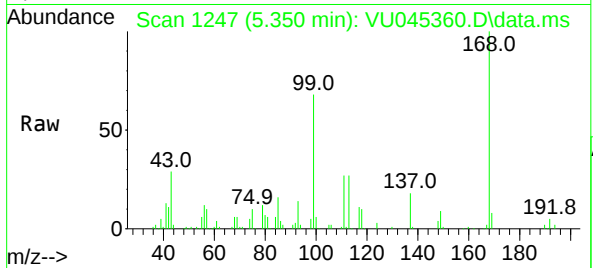




#31
Cyclohexane
Concen: 2.692 ug/l
RT: 5.350 min Scan# 1247
Delta R.T. -0.038 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

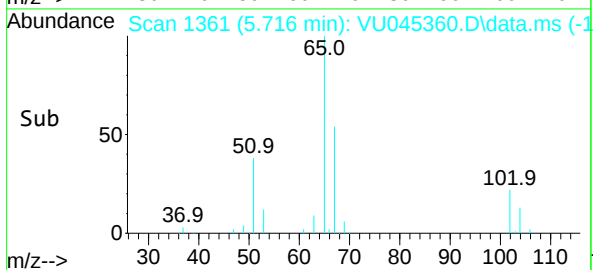
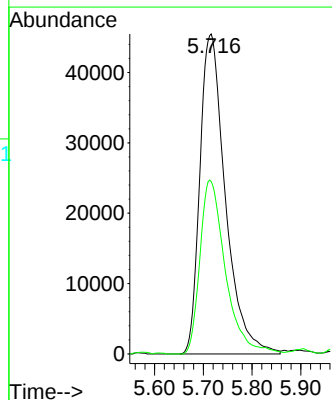
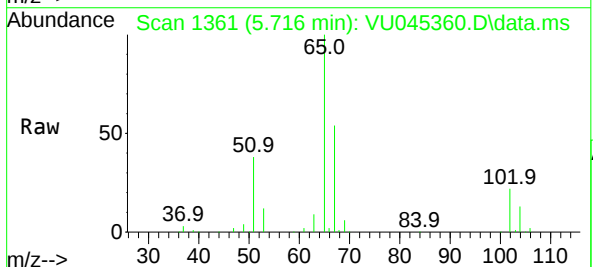
Instrument :
MSVOA_U
ClientSampled :

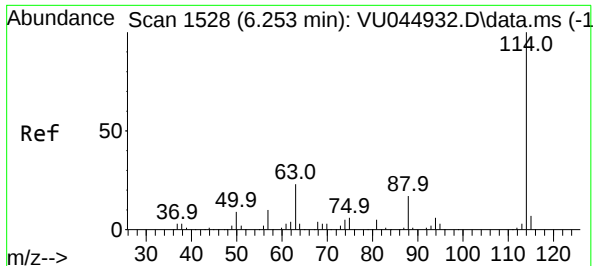
Tgt Ion: 56 Resp: 14686
Ion Ratio Lower Upper
56 100
69 52.5 25.2 37.8#
84 55.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 46.058 ug/l
RT: 5.716 min Scan# 1361
Delta R.T. 0.010 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion: 65 Resp: 165411
Ion Ratio Lower Upper
65 100
67 54.3 0.0 104.8

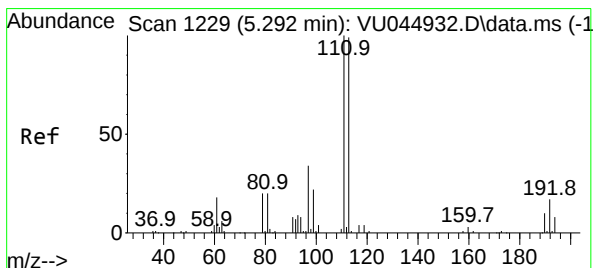
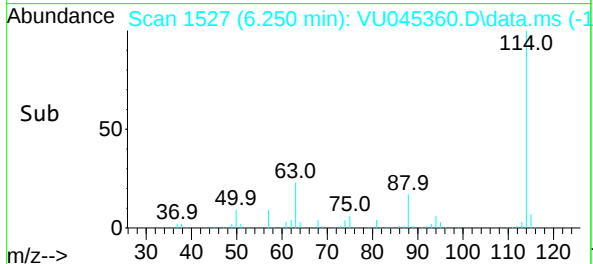
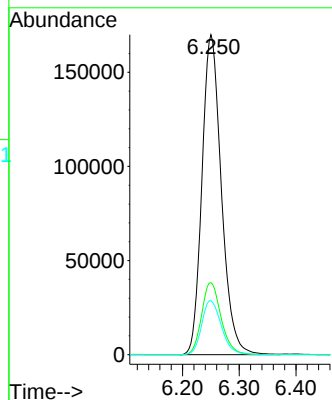
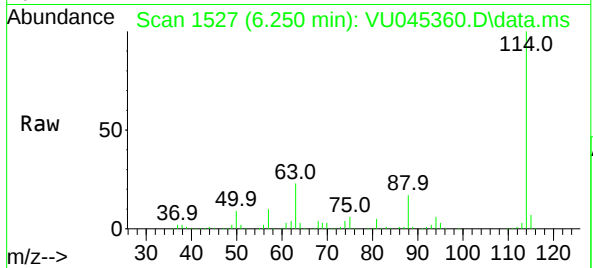




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

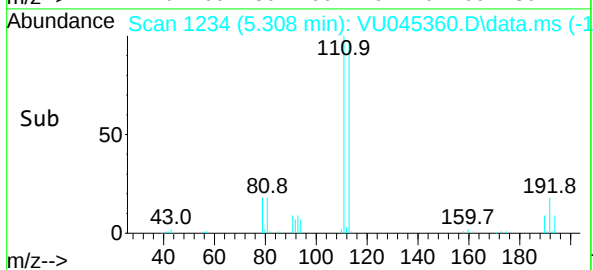
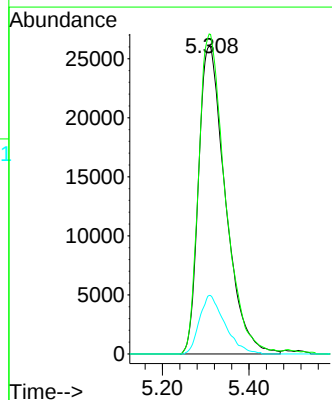
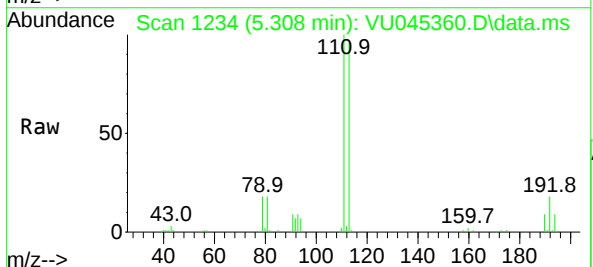
Instrument :
MSVOA_U
ClientSampleId :

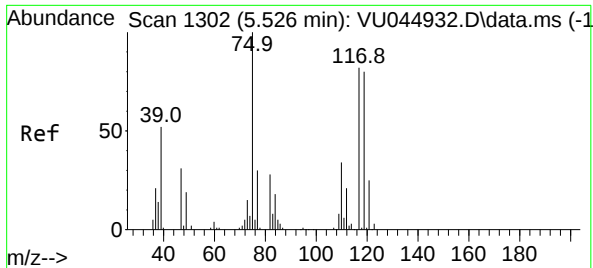
Tgt Ion:114 Resp: 404181
Ion Ratio Lower Upper
114 100
63 22.5 0.0 47.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 43.905 ug/l
RT: 5.308 min Scan# 1234
Delta R.T. 0.016 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion:113 Resp: 111945
Ion Ratio Lower Upper
113 100
111 102.8 84.1 126.1
192 18.1 14.8 22.2



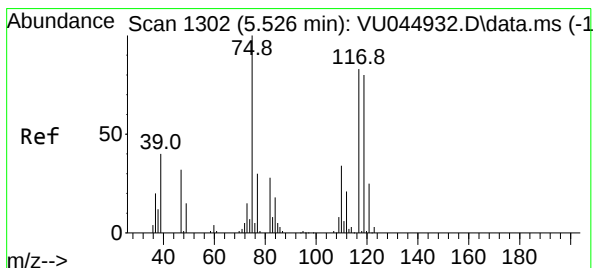
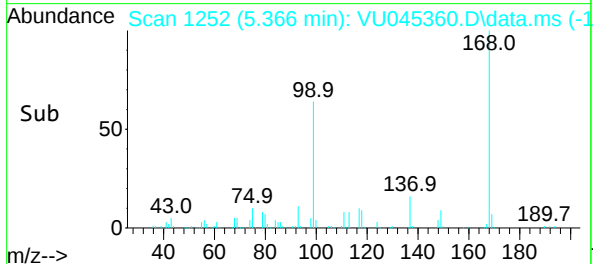
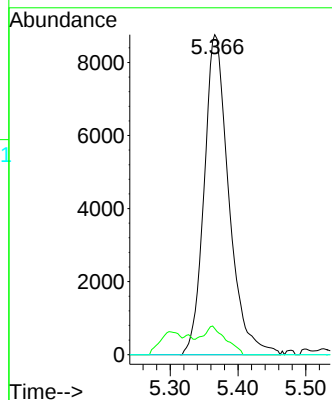
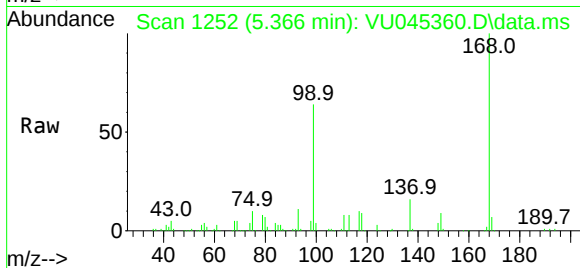


#36

1,1-Dichloropropene
Concen: 5.237 ug/l
RT: 5.366 min Scan# 1252
Delta R.T. -0.160 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Instrument :
MSVOA_U
ClientSampled :

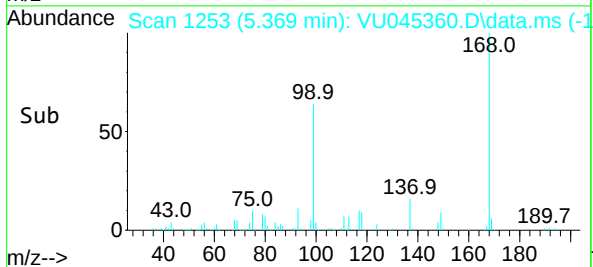
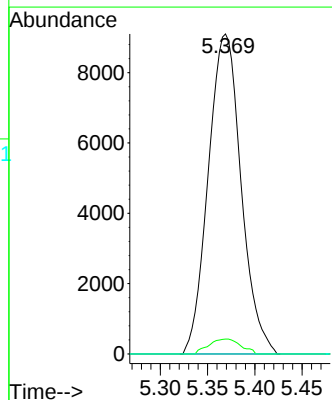
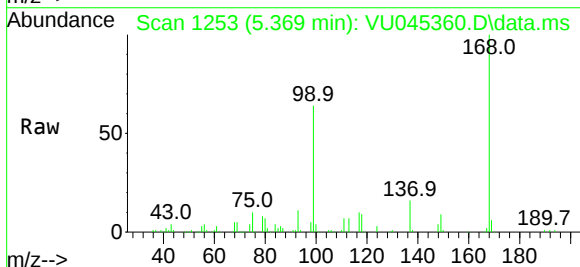
Tgt Ion: 75 Resp: 22135
Ion Ratio Lower Upper
75 100
110 6.9 16.3 48.9#
77 0.0 25.0 37.4#

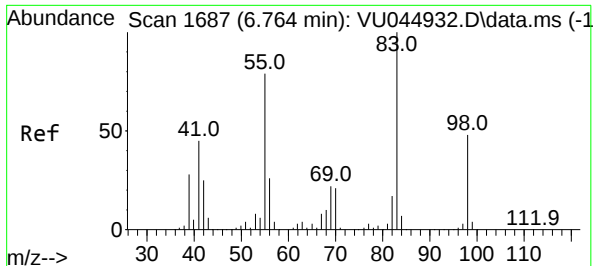


#38

Carbon Tetrachloride
Concen: 6.014 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.157 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion:117 Resp: 21995
Ion Ratio Lower Upper
117 100
119 4.6 77.4 116.2#
121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 64.409 ug/l

RT: 6.751 min Scan# 1683

Delta R.T. -0.013 min

Lab File: VU045360.D

Acq: 22 Oct 2021 13:25

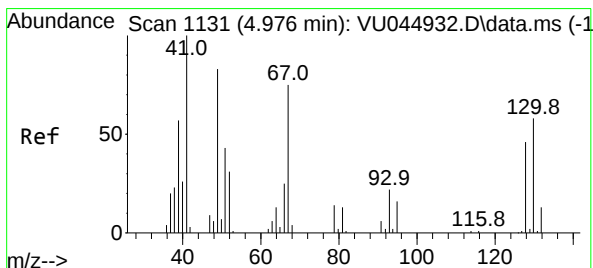
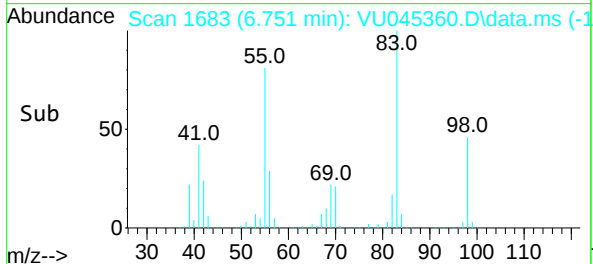
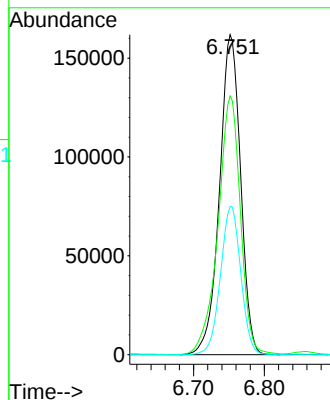
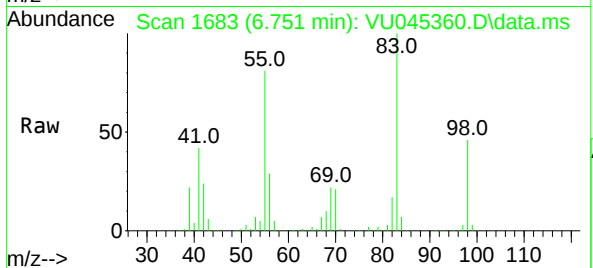
Tgt Ion: 83 Resp: 334209

Ion Ratio Lower Upper

83 100

55 80.7 66.2 99.4

98 46.4 37.5 56.3



#41

Methacrylonitrile

Concen: 0.271 ug/l

RT: 5.099 min Scan# 1169

Delta R.T. 0.123 min

Lab File: VU045360.D

Acq: 22 Oct 2021 13:25

Tgt Ion: 41 Resp: 779

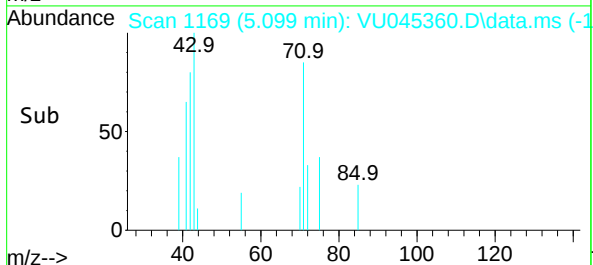
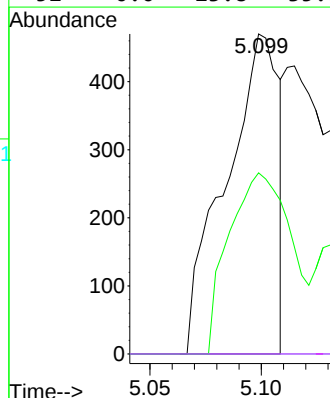
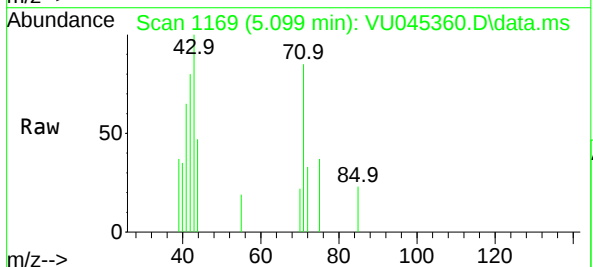
Ion Ratio Lower Upper

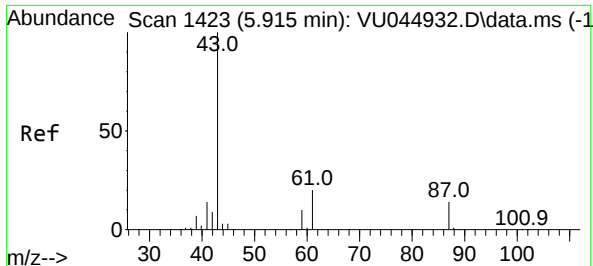
41 100

39 66.9 44.4 66.6#

67 0.0 58.1 87.1#

52 0.0 23.8 35.8#

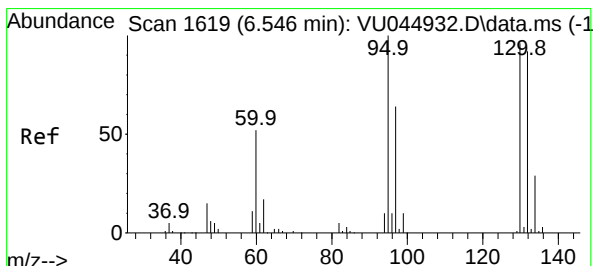
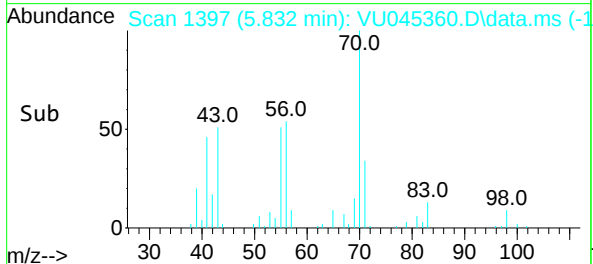
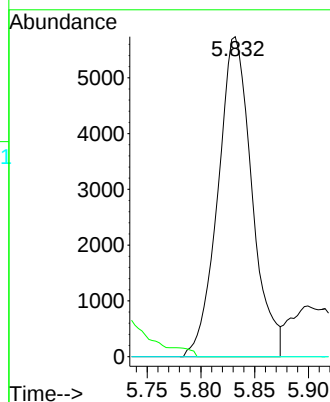
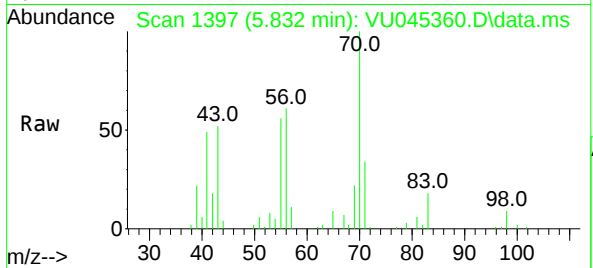




#43
Isopropyl Acetate
Concen: 1.499 ug/l
RT: 5.832 min Scan# 1397
Delta R.T. -0.083 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

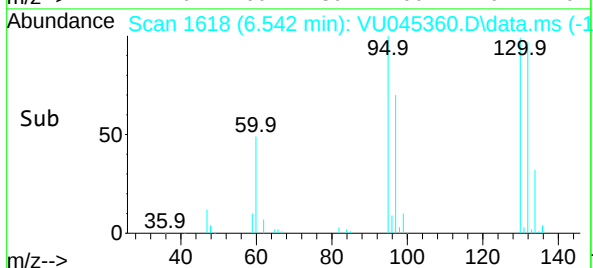
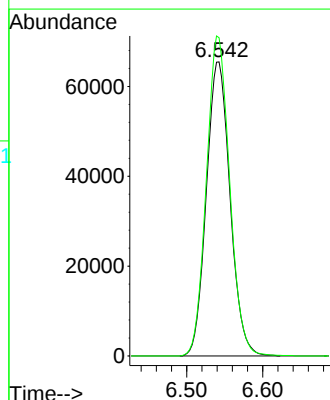
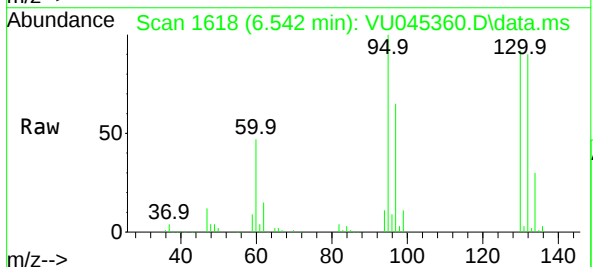
Instrument :
MSVOA_U
ClientSampleId :

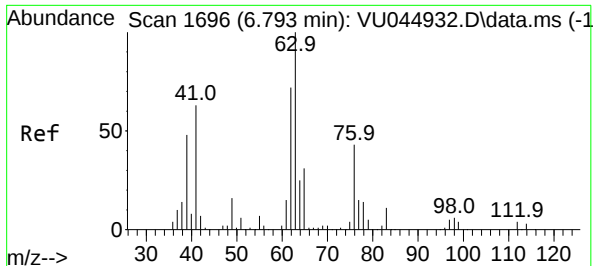
Tgt Ion: 43 Resp: 12608
Ion Ratio Lower Upper
43 100
61 0.0 16.1 24.1#
87 0.0 10.3 15.5#



#44
Trichloroethene
Concen: 47.727 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.004 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion:130 Resp: 141658
Ion Ratio Lower Upper
130 100
95 108.2 0.0 209.0



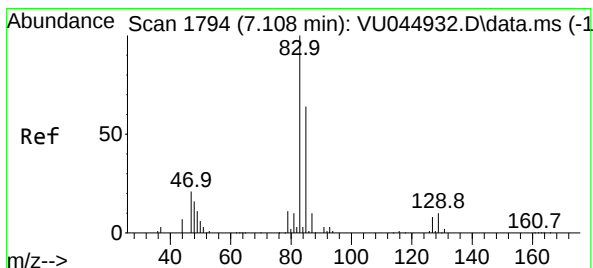
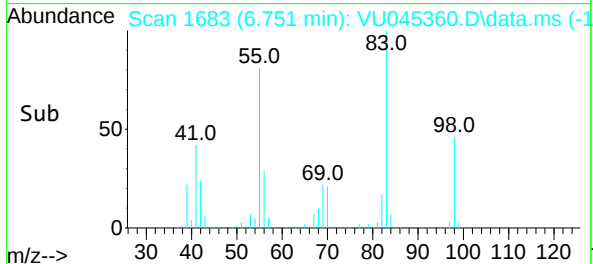
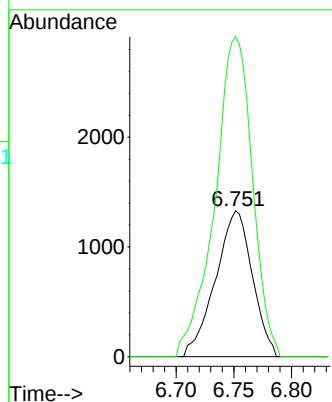
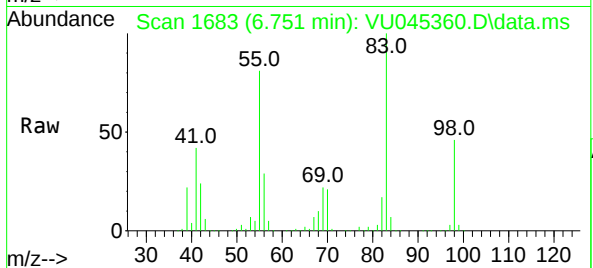


#45

1,2-Dichloropropane
Concen: 0.883 ug/l
RT: 6.751 min Scan# 1683
Delta R.T. -0.042 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Instrument :
MSVOA_U
ClientSampled :

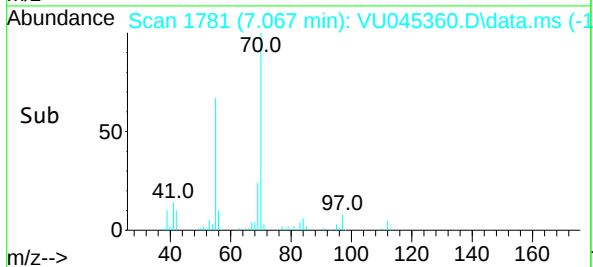
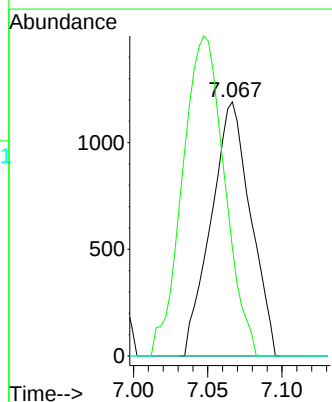
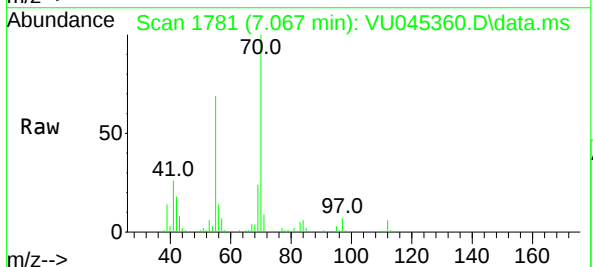
Tgt Ion: 63 Resp: 2948
Ion Ratio Lower Upper
63 100
65 219.2 23.9 35.9#

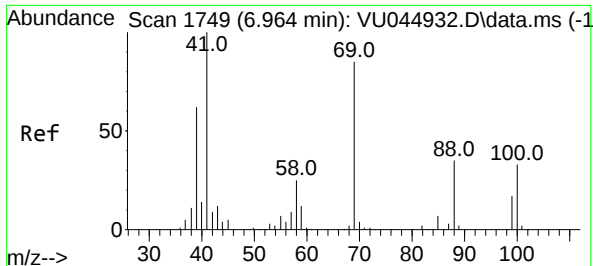


#47

Bromodichloromethane
Concen: 0.504 ug/l
RT: 7.067 min Scan# 1781
Delta R.T. -0.041 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion: 83 Resp: 2202
Ion Ratio Lower Upper
83 100
85 42.6 51.6 77.4#
127 0.0 6.2 9.4#





#48

Methyl methacrylate

Concen: 4.153 ug/l

RT: 6.970 min Scan# 1751

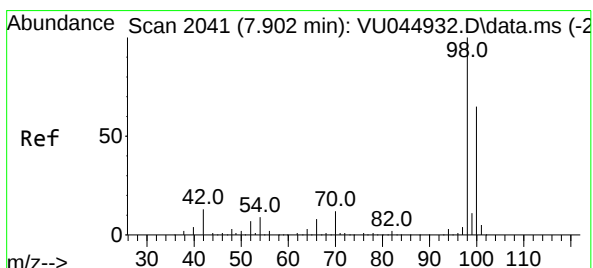
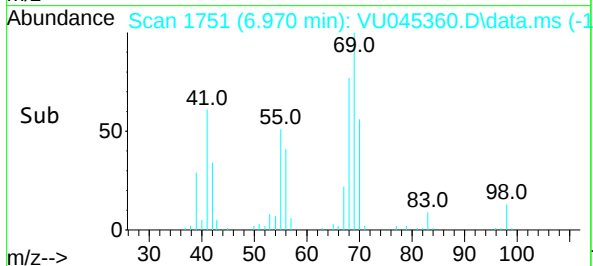
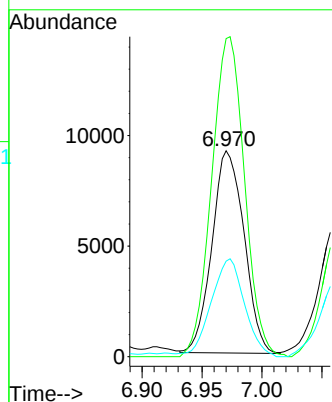
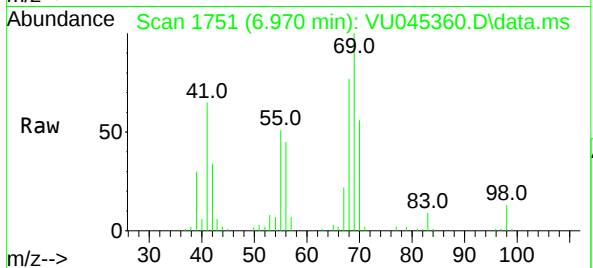
Delta R.T. 0.006 min

Lab File: VU045360.D

Acq: 22 Oct 2021 13:25

Tgt Ion:	41	Resp:	17009
Ion	Ratio	Lower	Upper
41	100		
69	162.1	65.6	98.4#
39	50.4	46.2	69.4

Instrument :
MSVOA_U
ClientSampleId :



#50

Toluene-d8

Concen: 51.254 ug/l

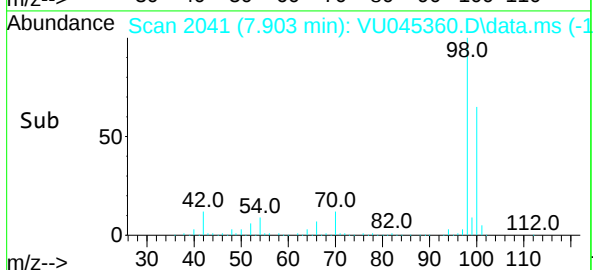
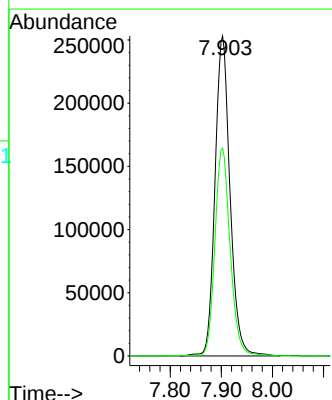
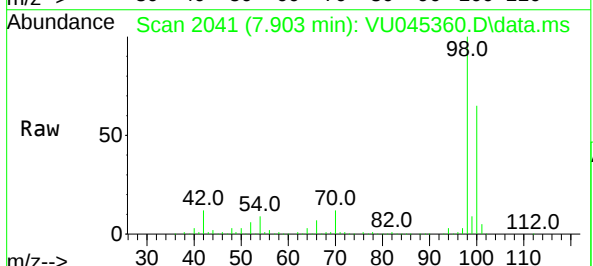
RT: 7.903 min Scan# 2041

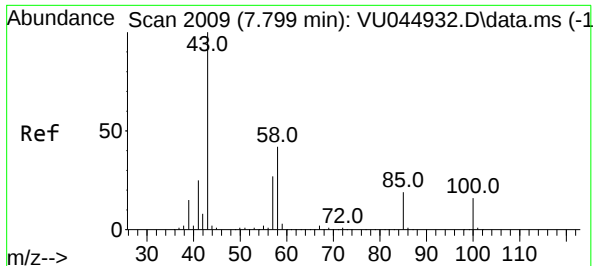
Delta R.T. 0.001 min

Lab File: VU045360.D

Acq: 22 Oct 2021 13:25

Tgt Ion:	98	Resp:	516352
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.5	78.7

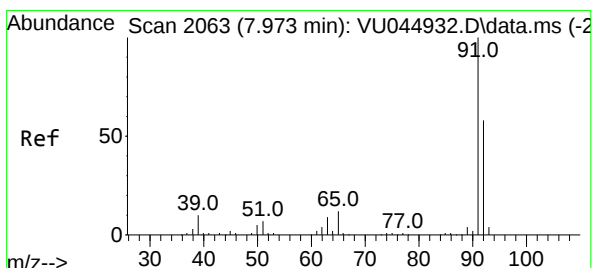
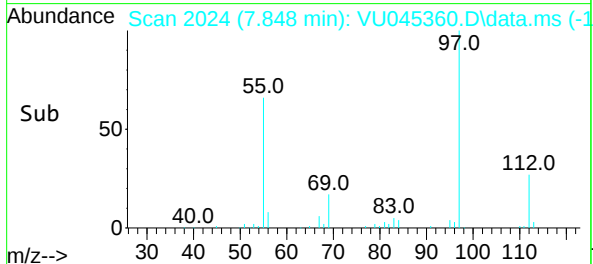
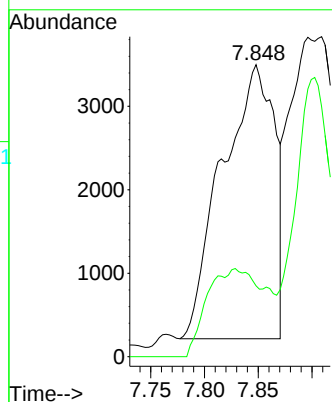
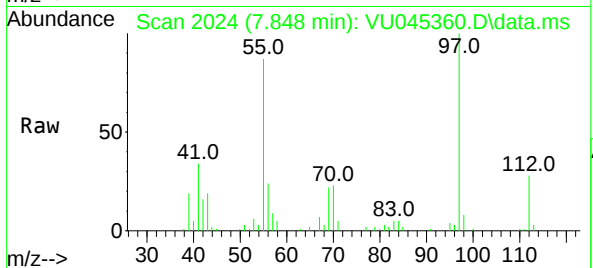




#51
4-Methyl-2-Pentanone
Concen: 1.826 ug/l
RT: 7.848 min Scan# 2024
Delta R.T. 0.049 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

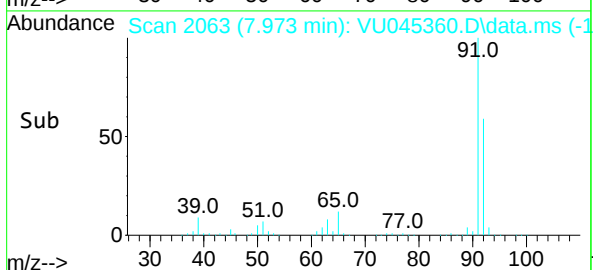
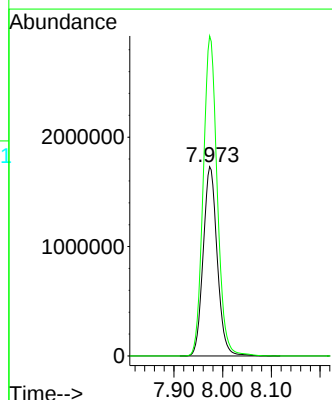
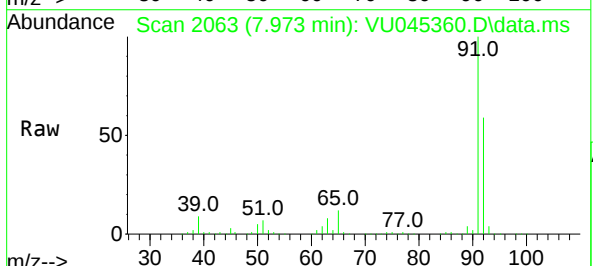
Instrument :
MSVOA_U
ClientSampleId :

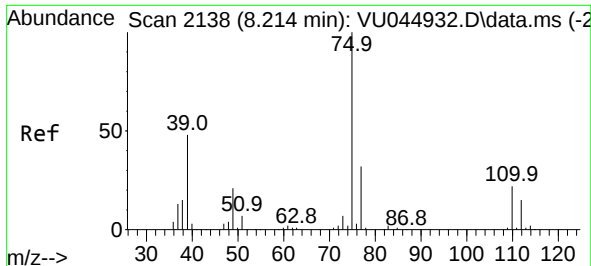
Tgt Ion: 43 Resp: 11186
Ion Ratio Lower Upper
43 100
58 35.9 32.4 48.6



#52
Toluene
Concen: 438.332 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion: 92 Resp: 3453599
Ion Ratio Lower Upper
92 100
91 169.1 136.9 205.3

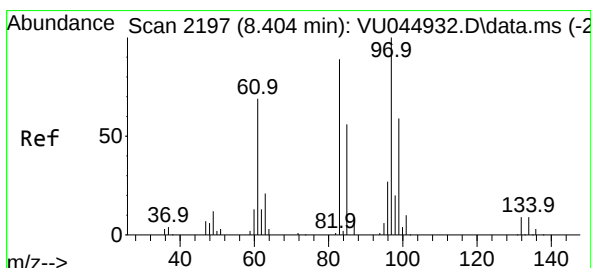
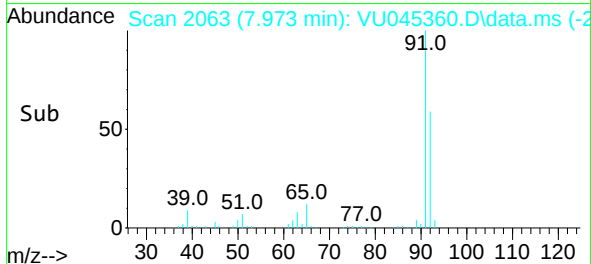
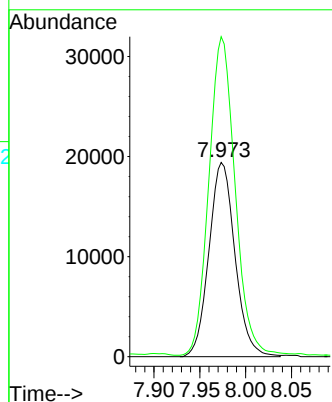
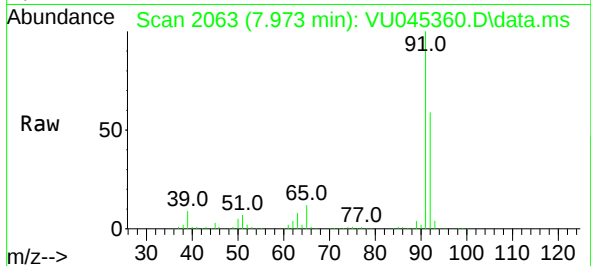




#53
t-1,3-Dichloropropene
Concen: 7.673 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. -0.241 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

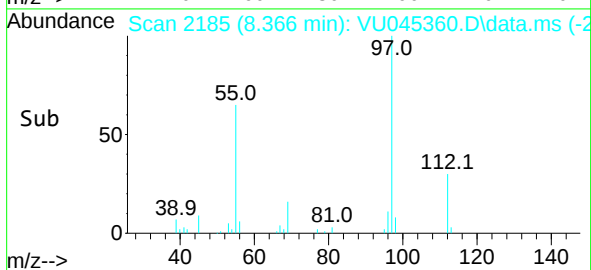
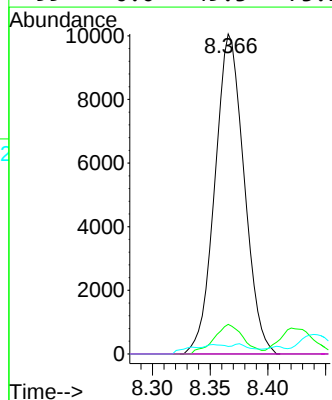
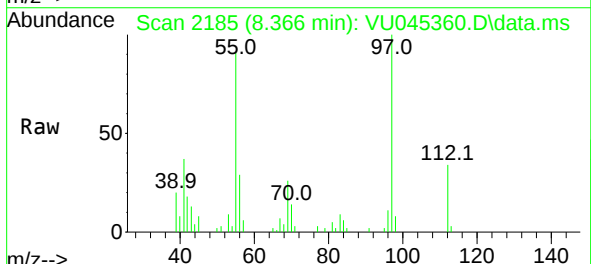
Instrument :
MSVOA_U
ClientSampled :

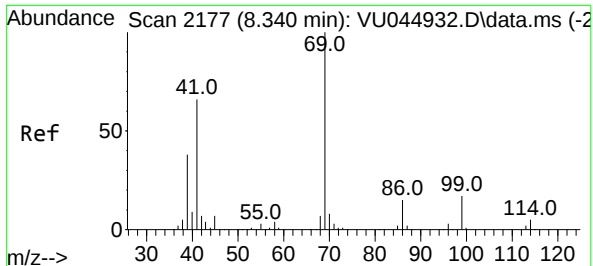
Tgt Ion: 75 Resp: 38304
Ion Ratio Lower Upper
75 100
77 164.0 25.6 38.4#



#55
1,1,2-Trichloroethane
Concen: 5.379 ug/l
RT: 8.366 min Scan# 2185
Delta R.T. -0.038 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion: 97 Resp: 17660
Ion Ratio Lower Upper
97 100
83 9.2 69.7 104.5#
85 1.0 44.8 67.2#
99 0.0 49.3 73.9#





#56

Ethyl methacrylate

Concen: 2.592 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. -0.007 min

Lab File: VU045360.D

Acq: 22 Oct 2021 13:25

Tgt Ion: 69 Resp: 5099

Ion Ratio Lower Upper

69 100

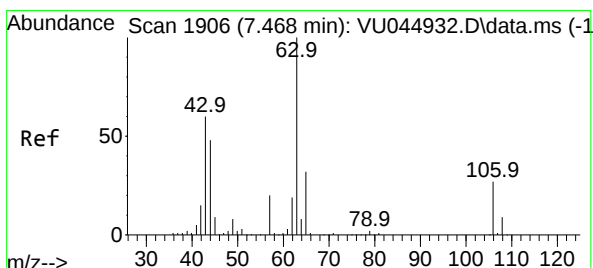
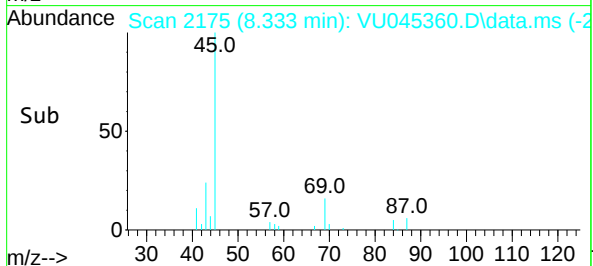
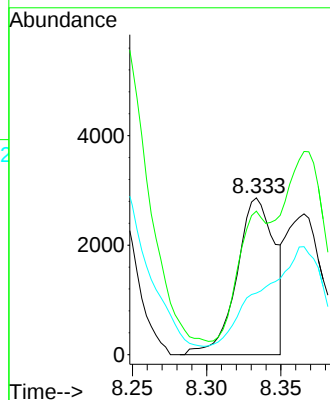
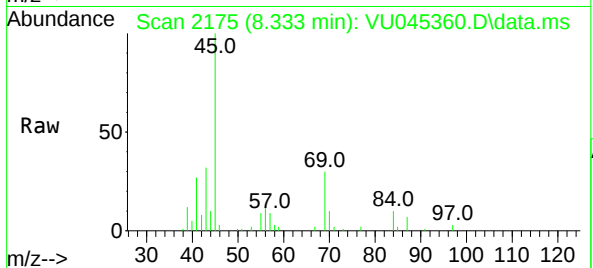
41 59.6 53.5 80.3

39 0.0 31.1 46.7#

Instrument :

MSVOA_U

ClientSampleId :



#58

2-Chloroethyl Vinyl ether

Concen: 21.890 ug/l

RT: 7.494 min Scan# 1914

Delta R.T. 0.026 min

Lab File: VU045360.D

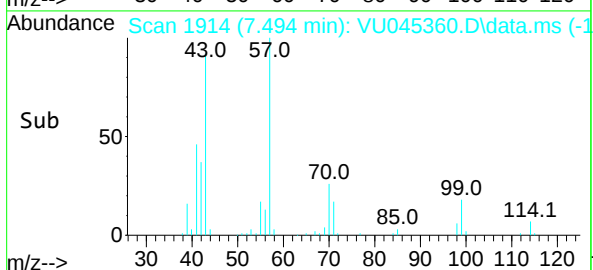
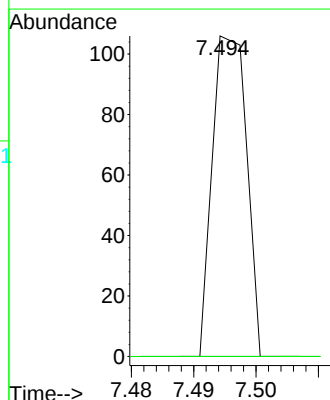
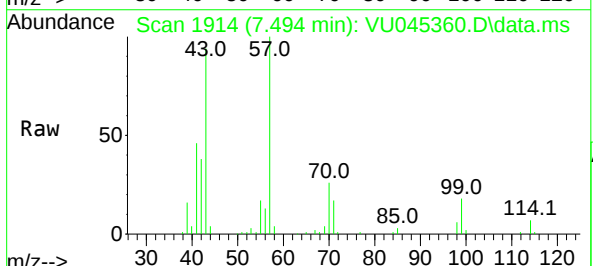
Acq: 22 Oct 2021 13:25

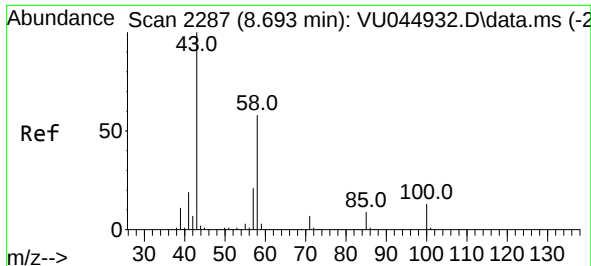
Tgt Ion: 63 Resp: 40

Ion Ratio Lower Upper

63 100

106 0.0 20.5 30.7#





#59

2-Hexanone

Concen: 2.164 ug/l

RT: 8.761 min Scan# 2308

Delta R.T. 0.068 min

Lab File: VU045360.D

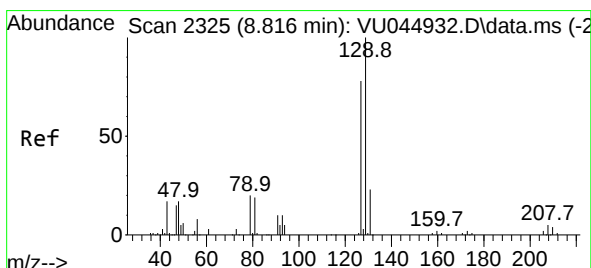
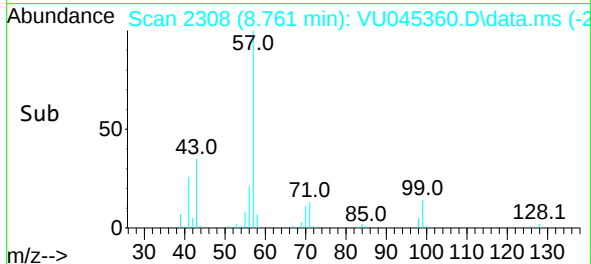
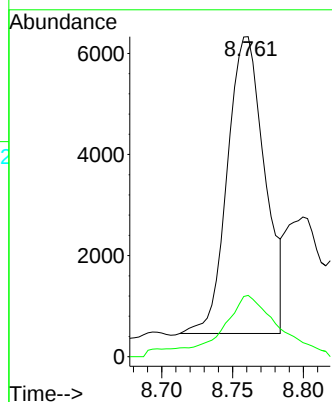
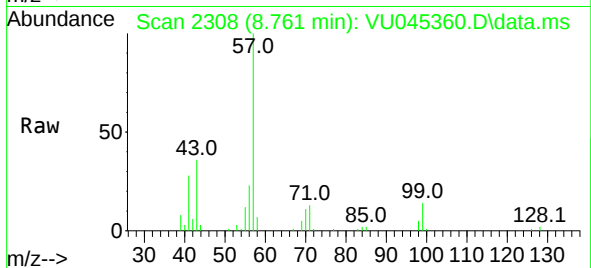
Acq: 22 Oct 2021 13:25

Tgt Ion: 43 Resp: 10792

Ion Ratio Lower Upper

43 100

58 32.7 28.0 84.0



#60

Dibromochloromethane

Concen: 8.459 ug/l

RT: 8.555 min Scan# 2244

Delta R.T. -0.261 min

Lab File: VU045360.D

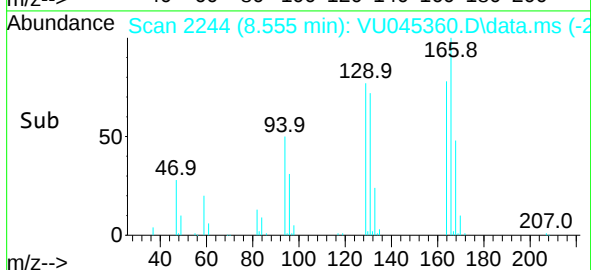
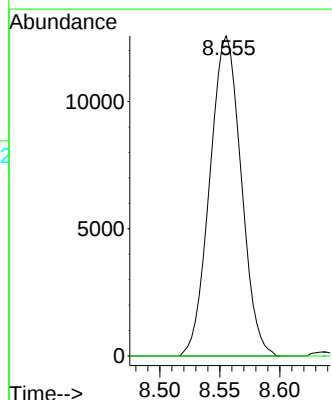
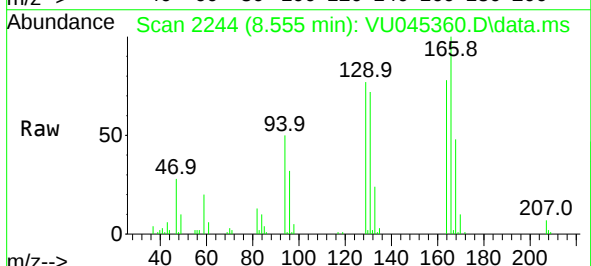
Acq: 22 Oct 2021 13:25

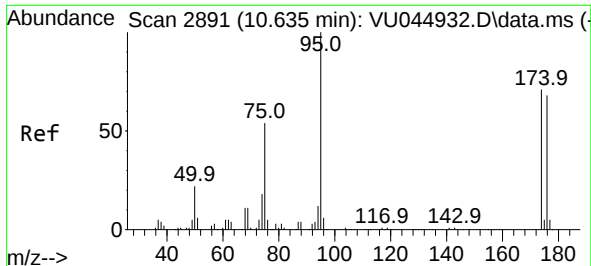
Tgt Ion: 129 Resp: 22865

Ion Ratio Lower Upper

129 100

127 0.0 39.0 117.0#

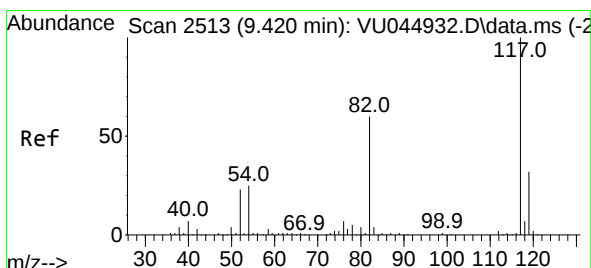
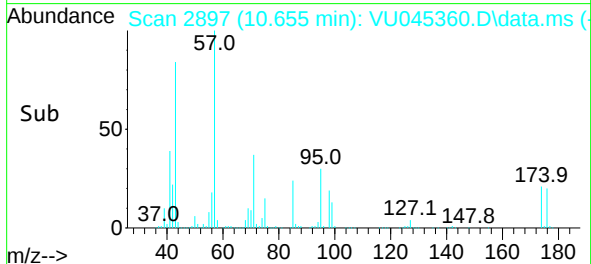
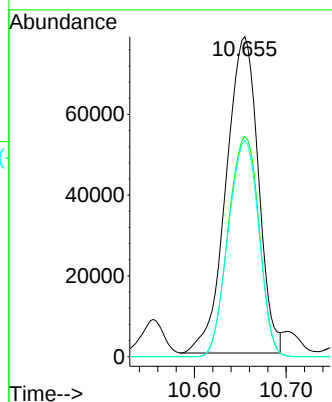
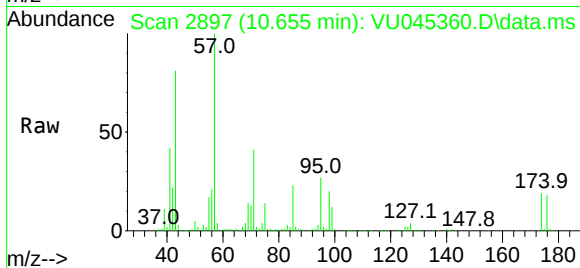




#62
4-Bromofluorobenzene
Concen: 46.127 ug/l
RT: 10.655 min Scan# 2897
Delta R.T. 0.020 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

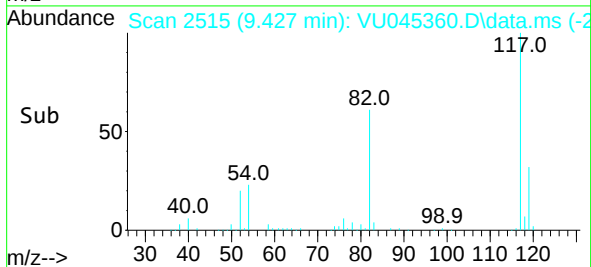
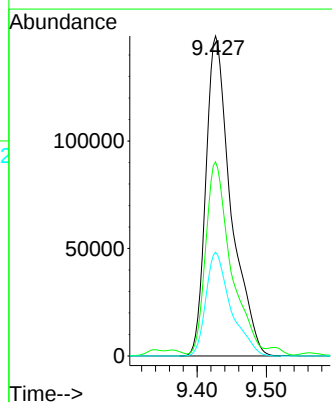
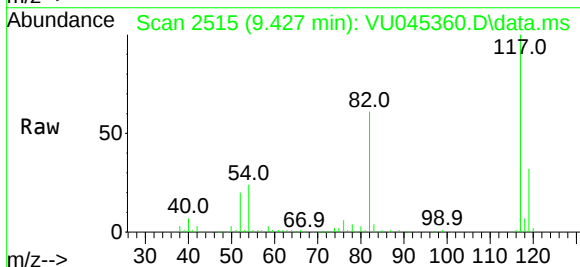
Instrument :
MSVOA_U
ClientSampleId :

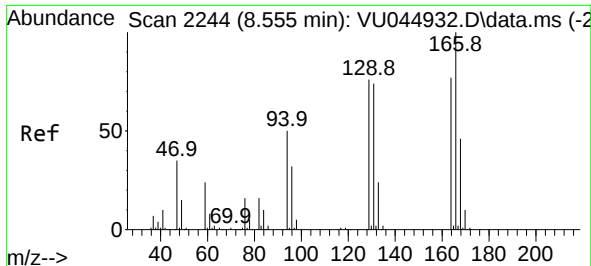
Tgt Ion: 95 Resp: 191854
Ion Ratio Lower Upper
95 100
174 66.3 0.0 146.6
176 64.9 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.427 min Scan# 2515
Delta R.T. 0.007 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion: 117 Resp: 373757
Ion Ratio Lower Upper
117 100
82 59.3 47.8 71.8
119 32.4 25.8 38.6

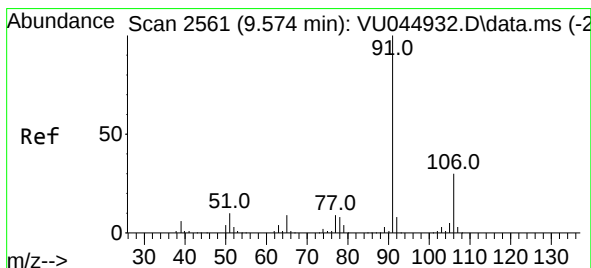
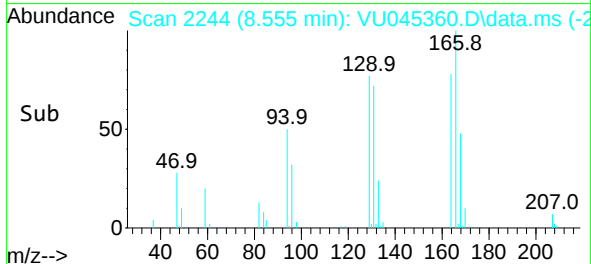
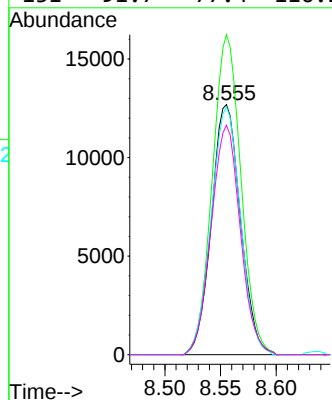
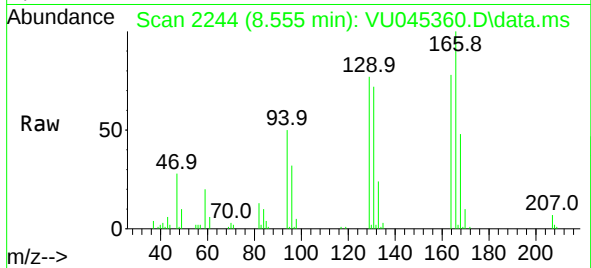




#64
Tetrachloroethene
Concen: 9.409 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

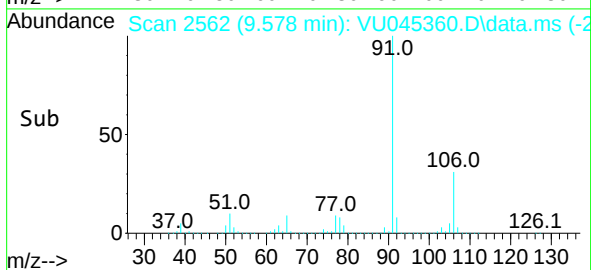
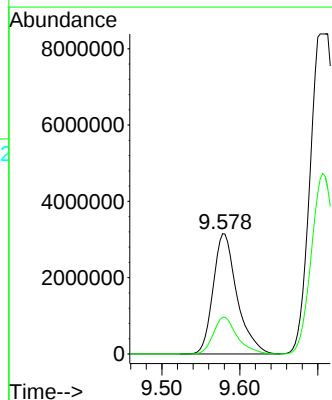
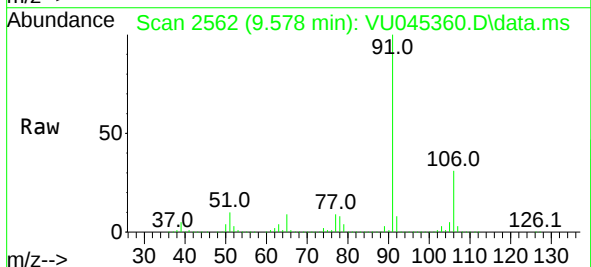
Instrument :
MSVOA_U
ClientSampleId :

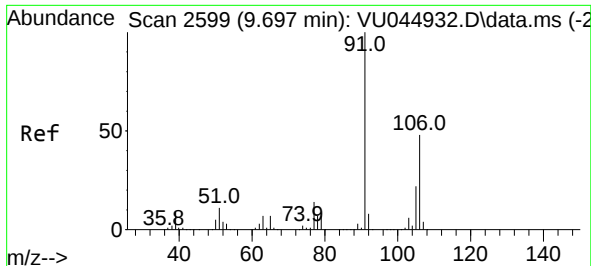
Tgt Ion:164 Resp: 22952
Ion Ratio Lower Upper
164 100
166 127.9 102.8 154.2
129 99.1 79.4 119.2
131 91.7 77.4 116.2



#67
Ethyl Benzene
Concen: 465.779 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. 0.004 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion: 91 Resp: 6716388
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5

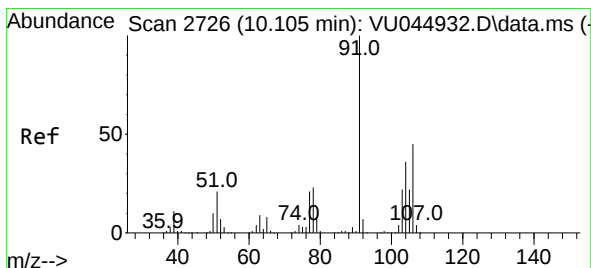
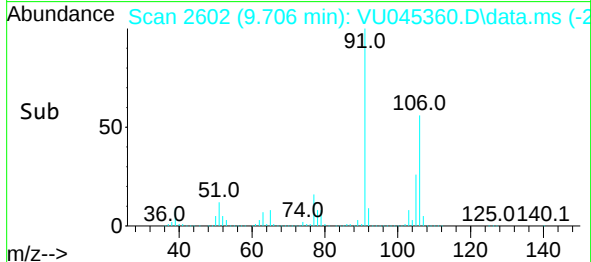
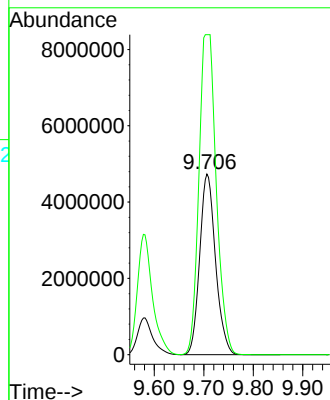
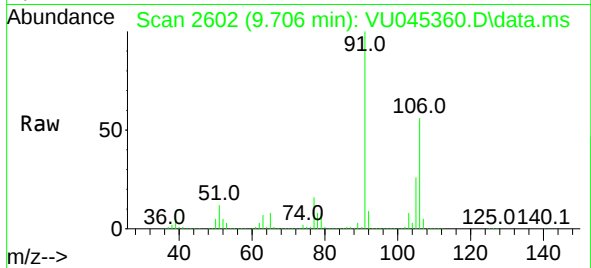




#68
m/p-Xylenes
Concen: 1878.458 ug/l
RT: 9.706 min Scan# 2602
Delta R.T. 0.009 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

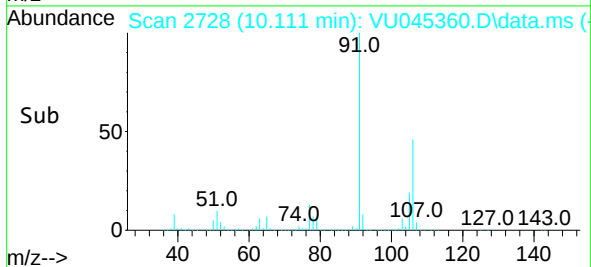
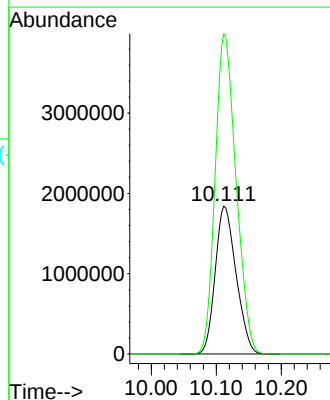
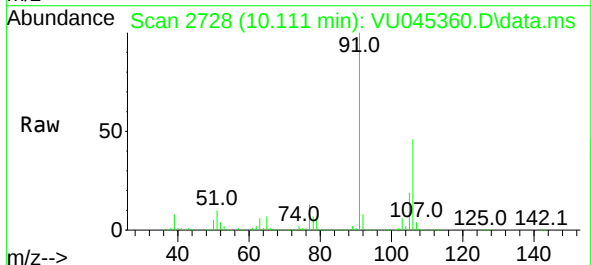
Instrument :
MSVOA_U
ClientSampleId :

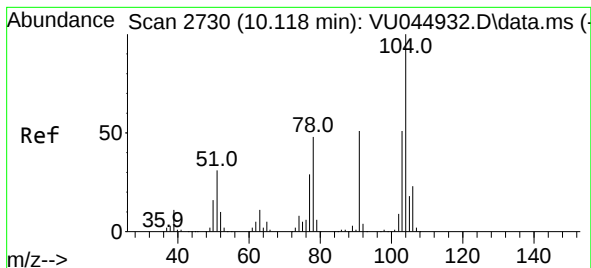
Tgt Ion:106 Resp:10523236
Ion Ratio Lower Upper
106 100
91 194.9 164.2 246.2



#69
o-Xylene
Concen: 735.700 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.006 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion:106 Resp: 4090416
Ion Ratio Lower Upper
106 100
91 217.3 108.9 326.7





#70

Styrene

Concen: 22.547 ug/l

RT: 10.111 min Scan# 2728

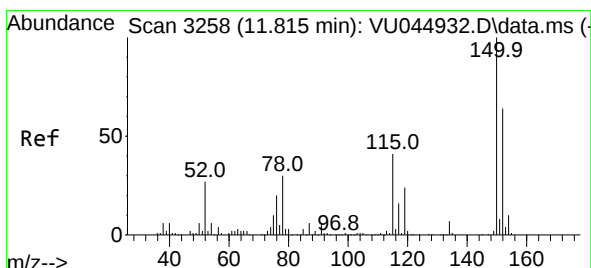
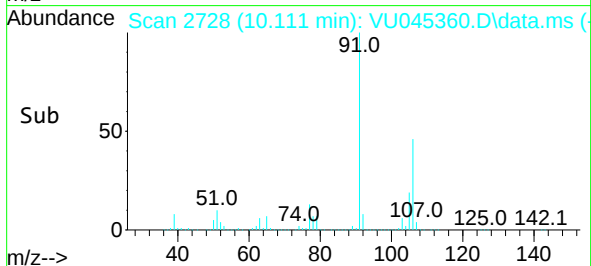
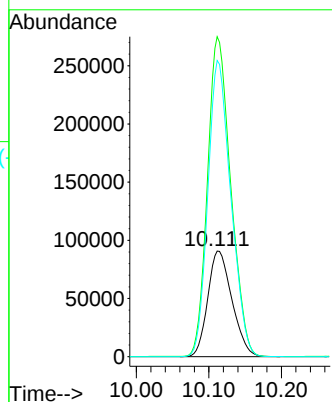
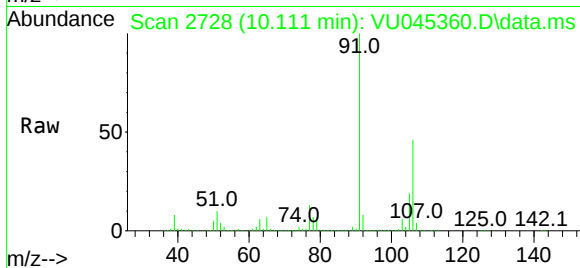
Delta R.T. -0.007 min

Lab File: VU045360.D

Acq: 22 Oct 2021 13:25

Tgt Ion:	104	Resp:	210306
Ion	Ratio	Lower	Upper
104	100		
78	290.5	41.4	62.0#
103	266.8	43.5	65.3#

Instrument :
MSVOA_U
ClientSampleId :



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

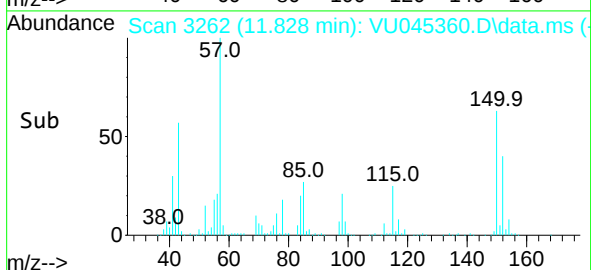
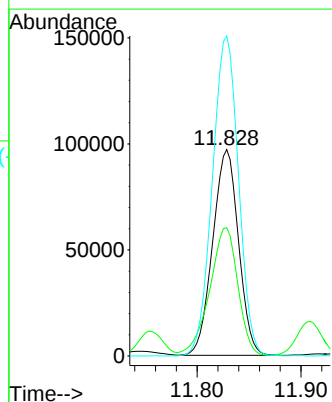
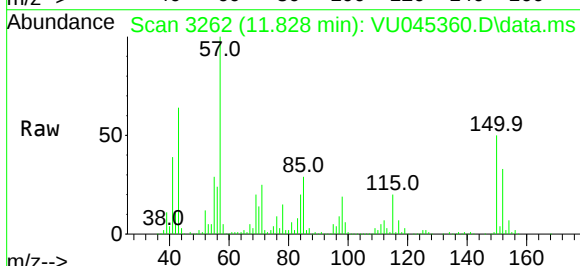
RT: 11.828 min Scan# 3262

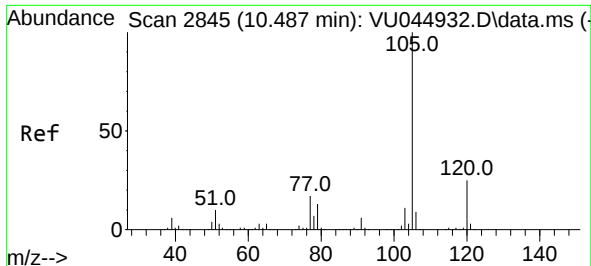
Delta R.T. 0.013 min

Lab File: VU045360.D

Acq: 22 Oct 2021 13:25

Tgt Ion:	152	Resp:	167714
Ion	Ratio	Lower	Upper
152	100		
115	67.7	43.5	130.7
150	157.4	0.0	350.0

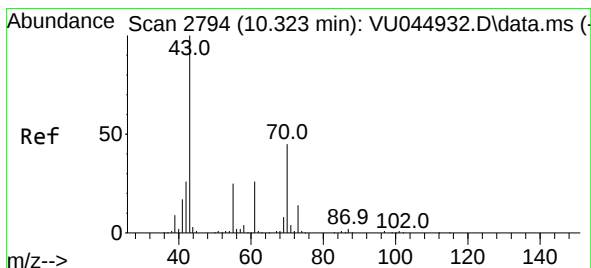
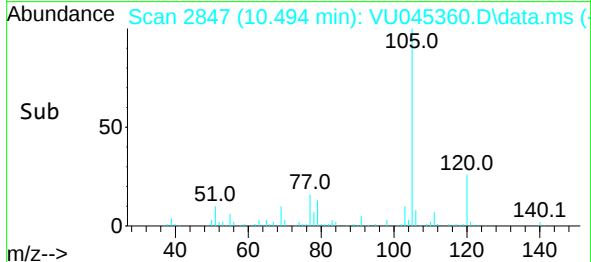
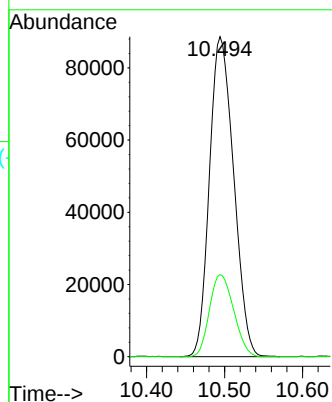
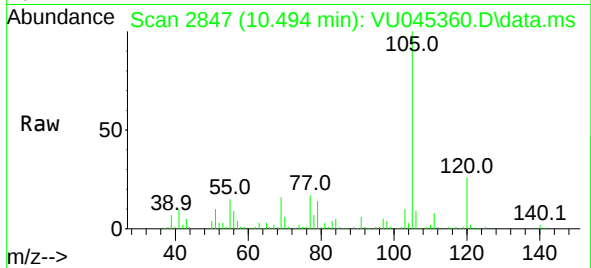




#73
Isopropylbenzene
Concen: 15.334 ug/l
RT: 10.494 min Scan# 2847
Delta R.T. 0.007 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

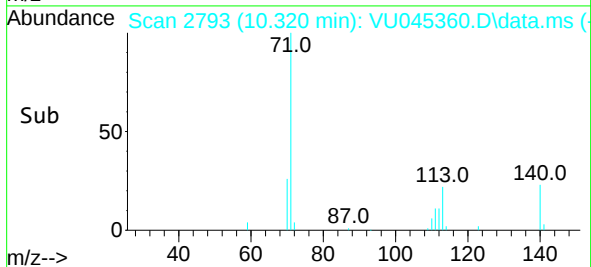
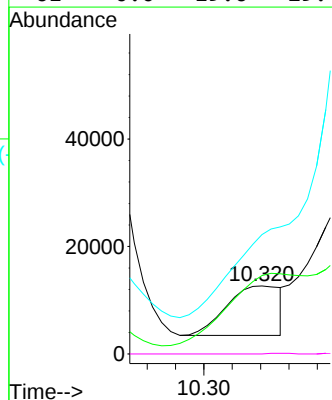
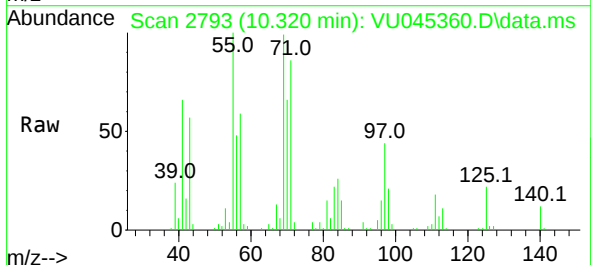
Instrument :
MSVOA_U
ClientSampled :

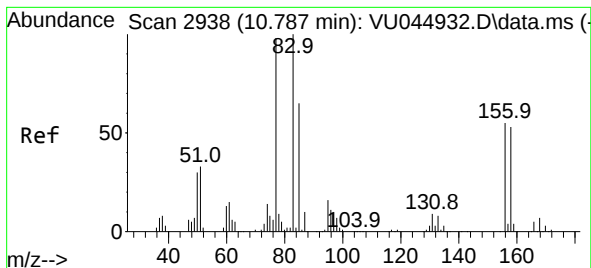
Tgt Ion:105 Resp: 191520
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.3



#74
N-ethyl acetate
Concen: 1.933 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. -0.003 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion: 43 Resp: 12153
Ion Ratio Lower Upper
43 100
70 205.7 35.1 52.7#
55 0.0 20.5 30.7#
61 0.0 19.6 29.4#



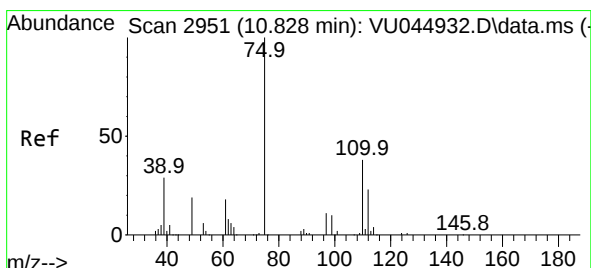
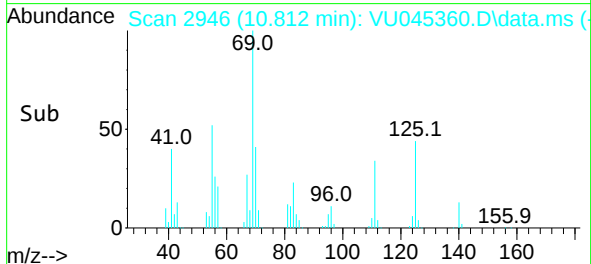
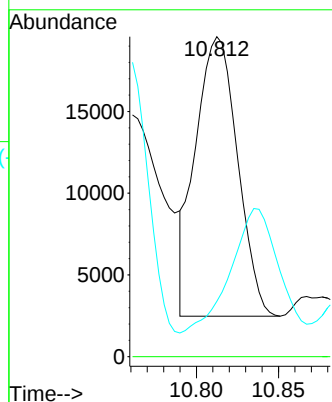
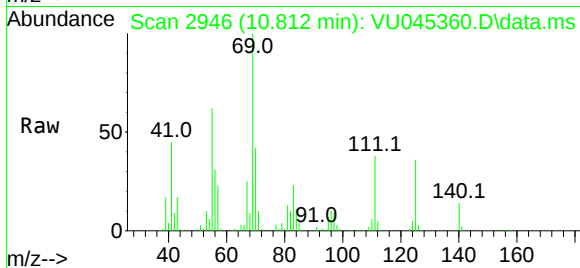


#75

1,1,2,2-Tetrachloroethane
Concen: 5.635 ug/l
RT: 10.812 min Scan# 2946
Delta R.T. 0.025 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Instrument :
MSVOA_U
ClientSampled :

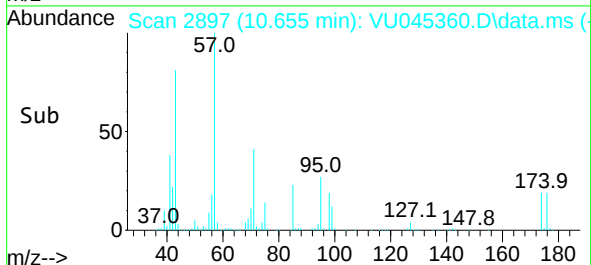
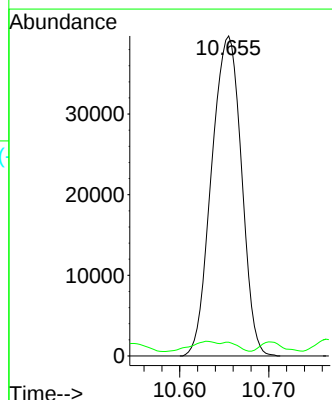
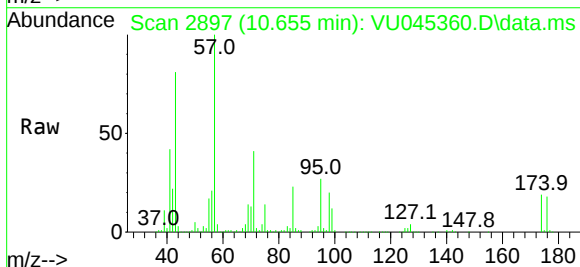
Tgt Ion: 83 Resp: 30450
Ion Ratio Lower Upper
83 100
131 0.0 4.3 13.1#
85 0.0 31.9 95.5#

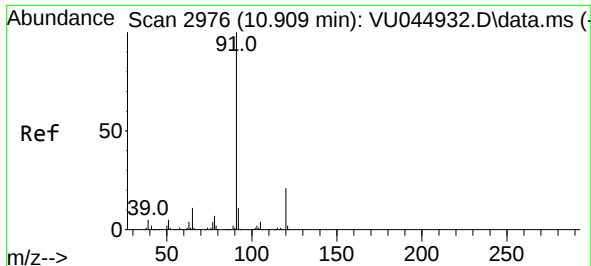


#76

1,2,3-Trichloropropane
Concen: 18.917 ug/l
RT: 10.655 min Scan# 2897
Delta R.T. -0.173 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion: 75 Resp: 92542
Ion Ratio Lower Upper
75 100
77 0.0 17.9 53.7#

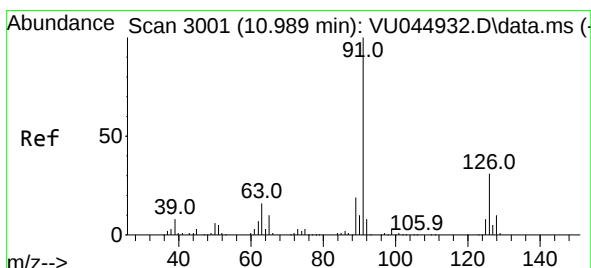
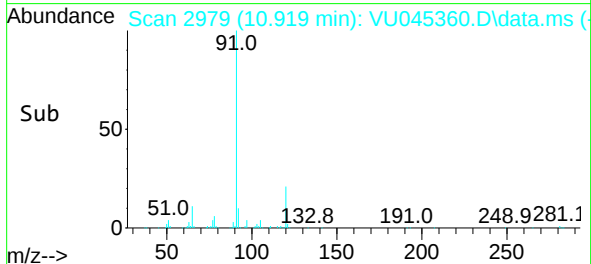
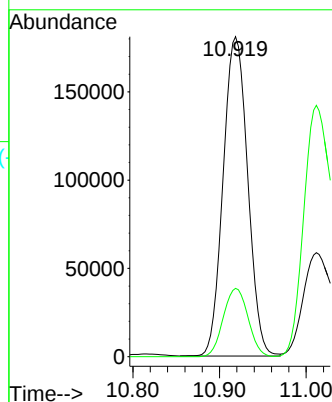
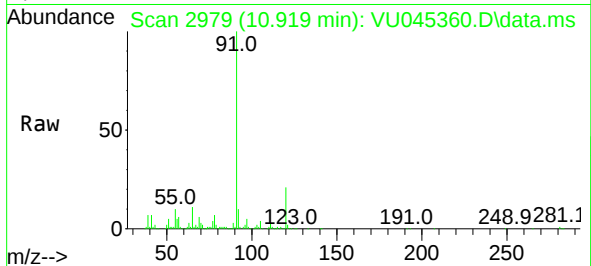




#78
n-propylbenzene
Concen: 23.392 ug/l
RT: 10.919 min Scan# 2979
Delta R.T. 0.010 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

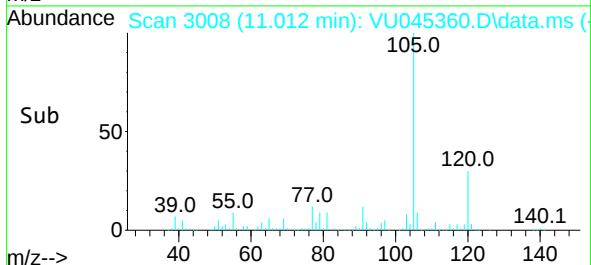
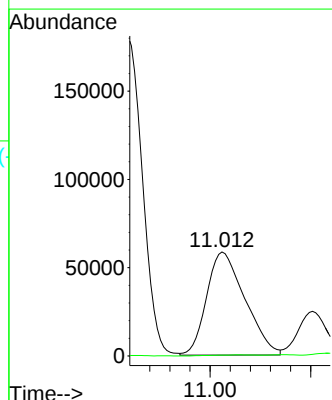
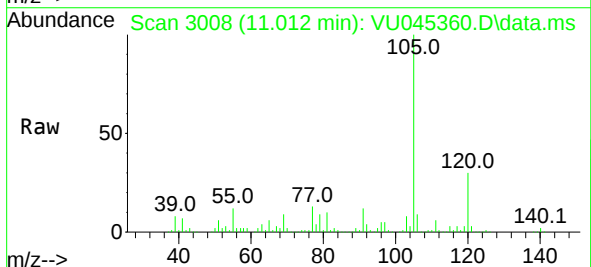
Instrument :
MSVOA_U
ClientSampled :

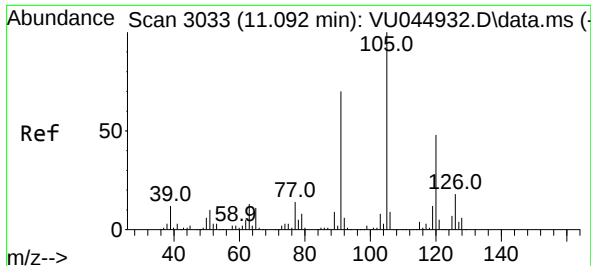
Tgt Ion: 91 Resp: 356024
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.4



#79
2-Chlorotoluene
Concen: 16.216 ug/l
RT: 11.012 min Scan# 3008
Delta R.T. 0.023 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion: 91 Resp: 154708
Ion Ratio Lower Upper
91 100
126 1.2 15.7 47.0#

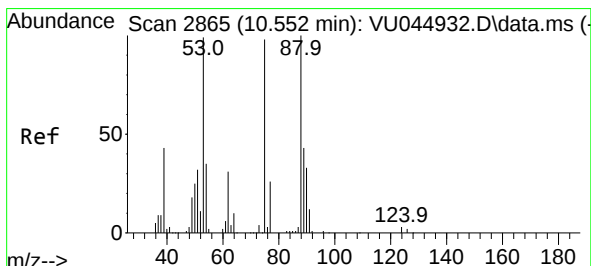
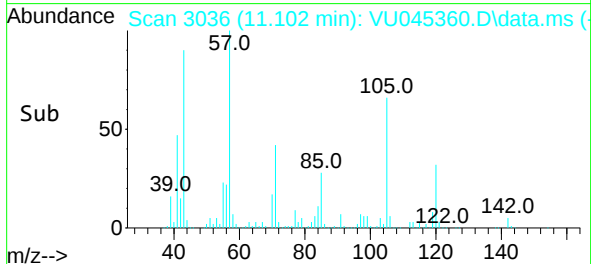
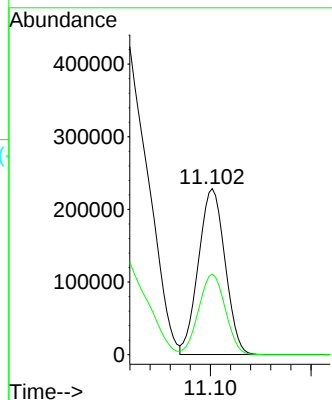
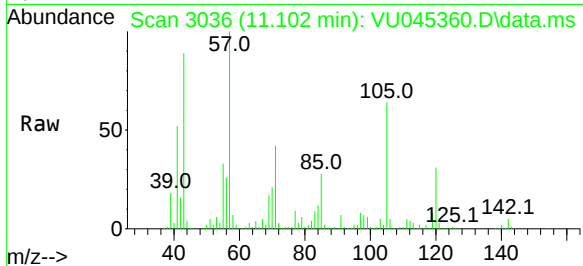




#80
1,3,5-Trimethylbenzene
Concen: 38.296 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.010 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

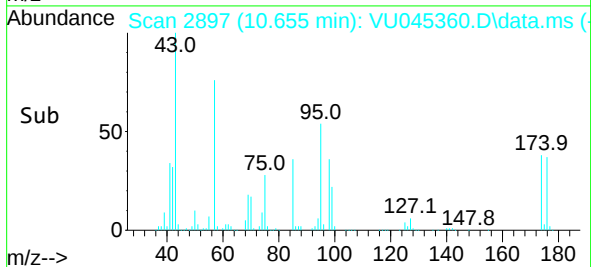
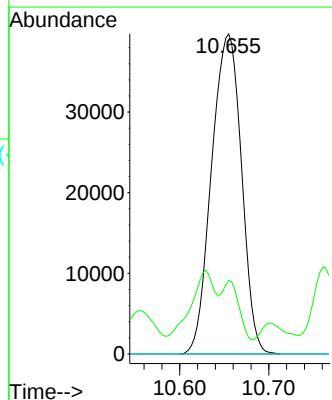
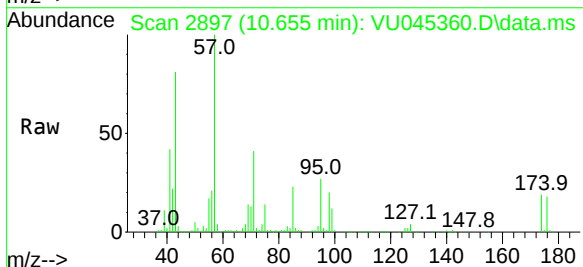
Instrument :
MSVOA_U
ClientSampleId :

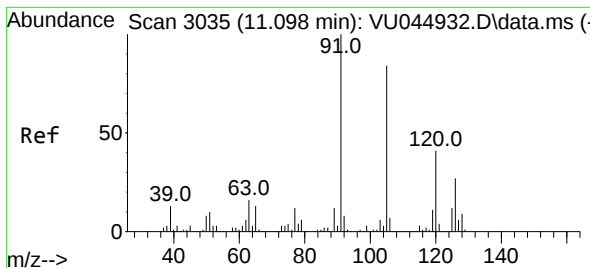
Tgt Ion:105 Resp: 419009
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.2



#81
trans-1,4-Dichloro-2-butene
Concen: 52.499 ug/l
RT: 10.655 min Scan# 2897
Delta R.T. 0.103 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion: 75 Resp: 92542
Ion Ratio Lower Upper
75 100
53 8.4 82.0 123.0#
89 0.0 34.2 51.4#

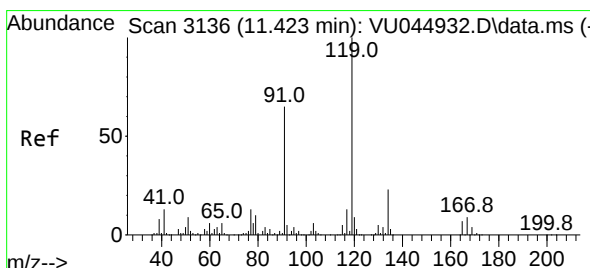
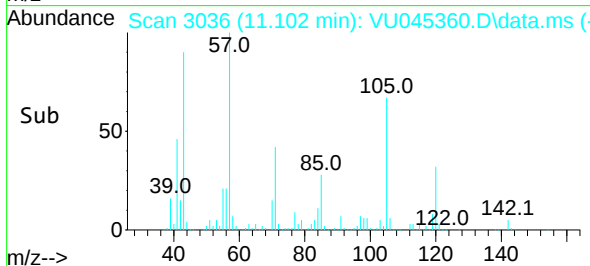
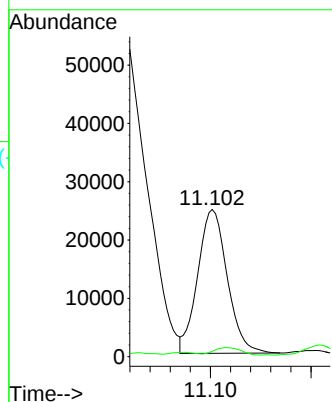
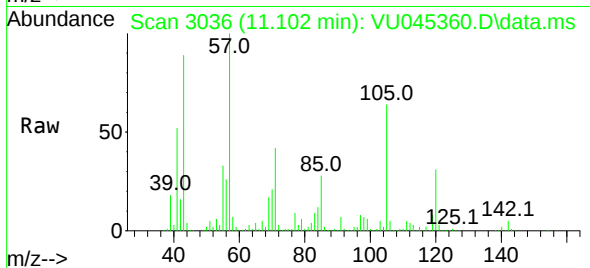




#82
4-Chlorotoluene
Concen: 4.665 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.004 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

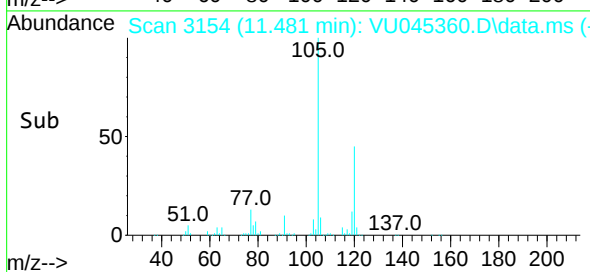
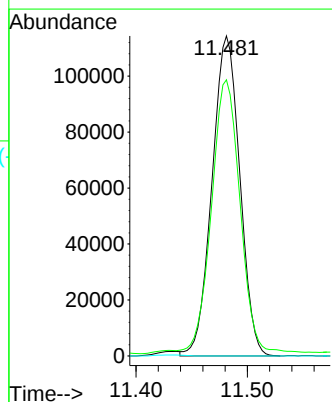
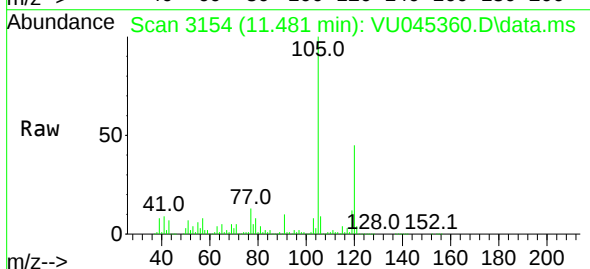
Instrument :
MSVOA_U
ClientSampled :

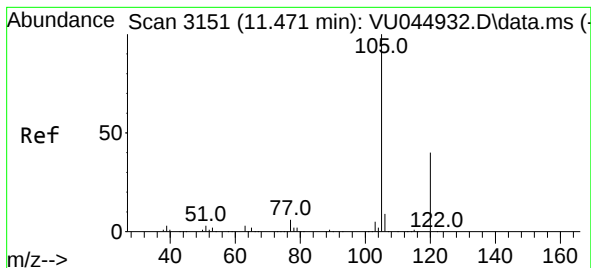
Tgt Ion: 91 Resp: 50309
Ion Ratio Lower Upper
91 100
126 4.8 13.8 41.4#



#83
tert-Butylbenzene
Concen: 18.612 ug/l
RT: 11.481 min Scan# 3154
Delta R.T. 0.058 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion: 119 Resp: 198069
Ion Ratio Lower Upper
119 100
91 86.8 30.4 91.2
134 0.0 11.5 34.5#

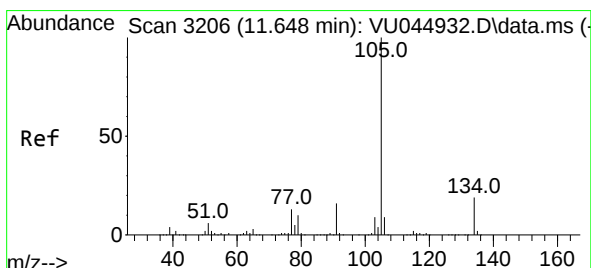
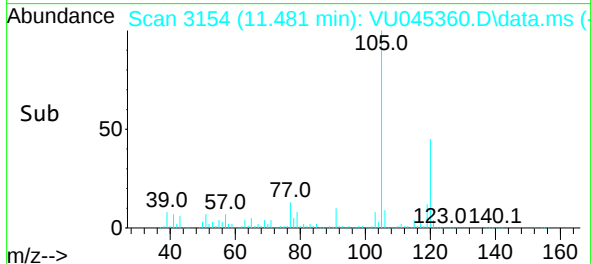
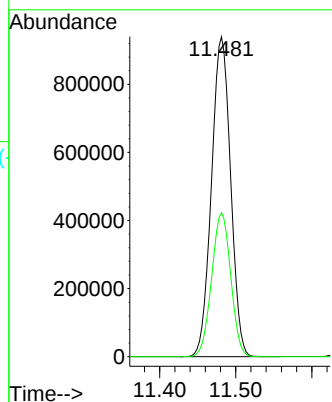
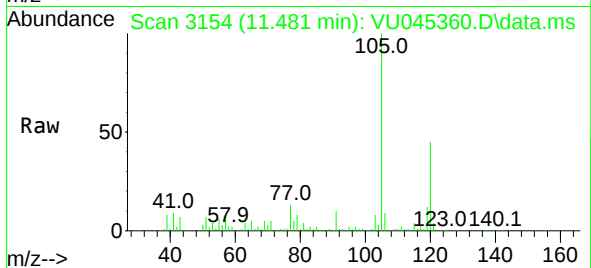




#84
1,2,4-Trimethylbenzene
Concen: 151.231 ug/l
RT: 11.481 min Scan# 3154
Delta R.T. 0.010 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

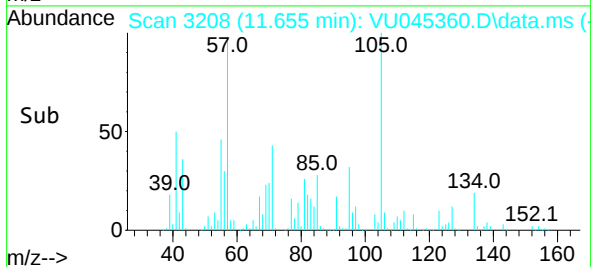
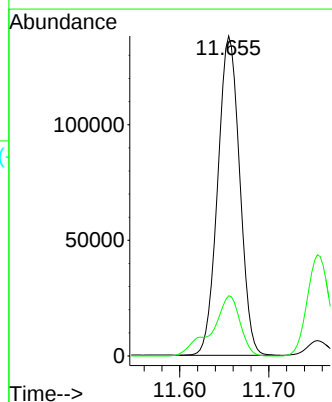
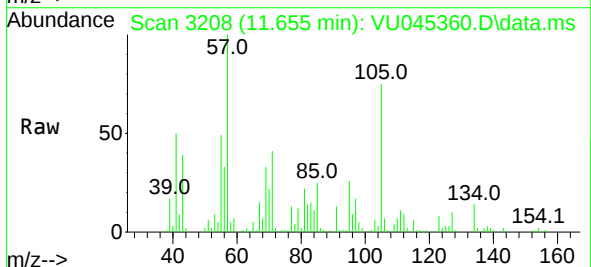
Instrument :
MSVOA_U
ClientSampled :

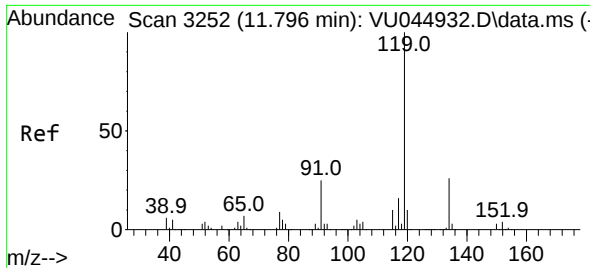
Tgt Ion:105 Resp: 1636997
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.3



#85
sec-Butylbenzene
Concen: 17.252 ug/l
RT: 11.655 min Scan# 3208
Delta R.T. 0.007 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion:105 Resp: 236442
Ion Ratio Lower Upper
105 100
134 24.4 9.3 28.0

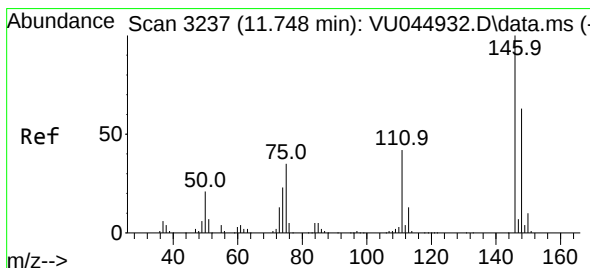
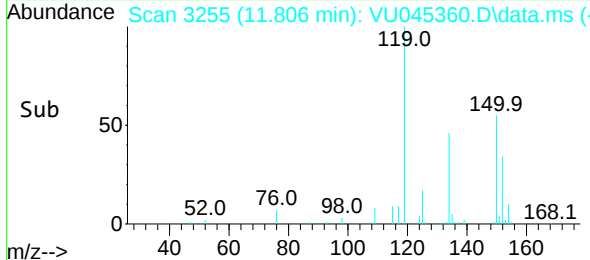
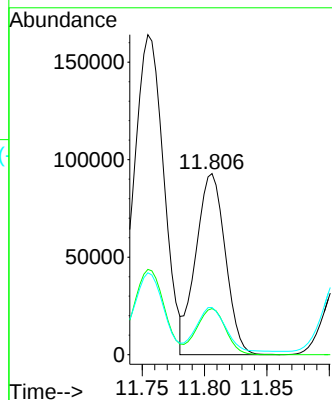
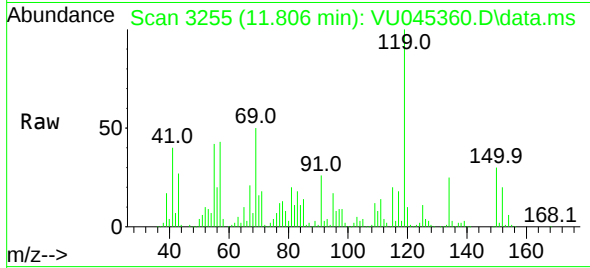




#86
p-Isopropyltoluene
Concen: 13.856 ug/l
RT: 11.806 min Scan# 3255
Delta R.T. 0.010 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

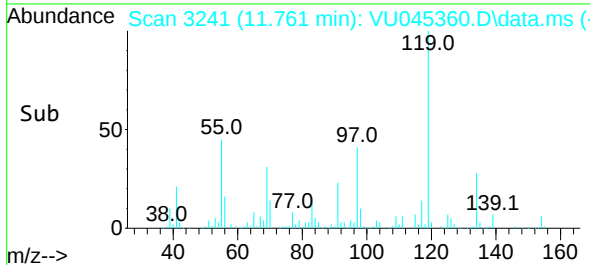
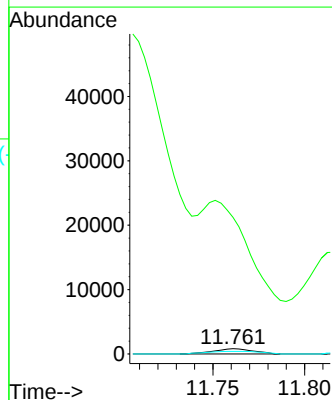
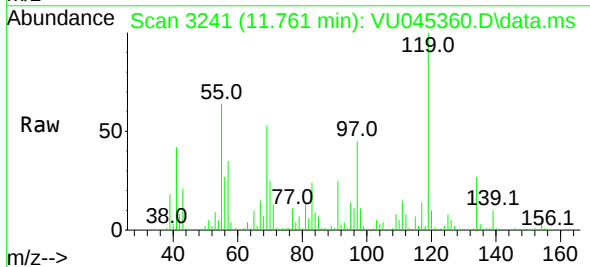
Instrument :
MSVOA_U
ClientSampled :

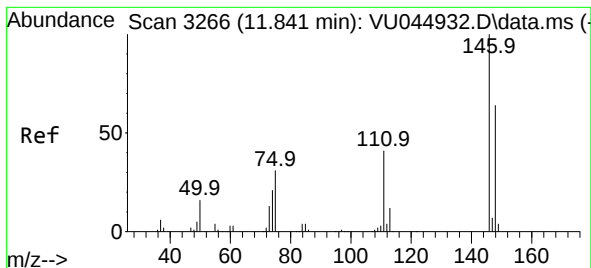
Tgt Ion:119 Resp: 152751
Ion Ratio Lower Upper
119 100
134 24.7 12.8 38.3
91 23.9 12.2 36.6



#87
1,3-Dichlorobenzene
Concen: 0.213 ug/l
RT: 11.761 min Scan# 3241
Delta R.T. 0.013 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion:146 Resp: 1228
Ion Ratio Lower Upper
146 100
111 0.0 21.2 63.6#
148 67.3 32.1 96.3





#88

1,4-Dichlorobenzene

Concen: 0.712 ug/l

RT: 11.851 min Scan# 3269

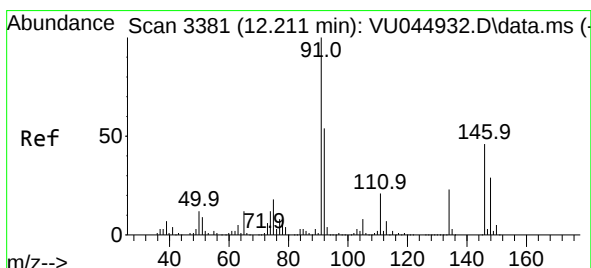
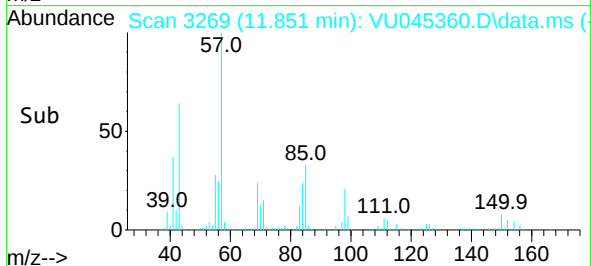
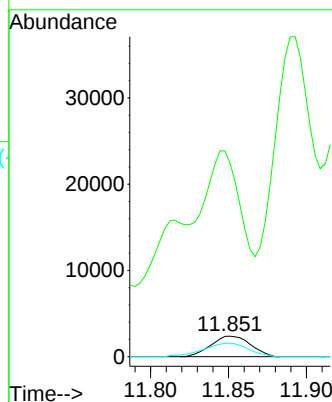
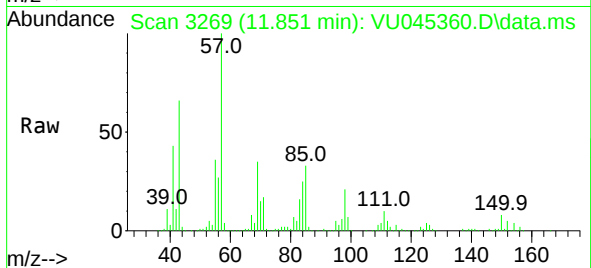
Delta R.T. 0.010 min

Lab File: VU045360.D

Acq: 22 Oct 2021 13:25

Tgt Ion:	146	Resp:	4207
Ion	Ratio	Lower	Upper
146	100		
111	407.9	20.3	61.0#
148	73.9	31.8	95.3

Instrument :
MSVOA_U
ClientSampleId :



#89

n-Butylbenzene

Concen: 68.356 ug/l

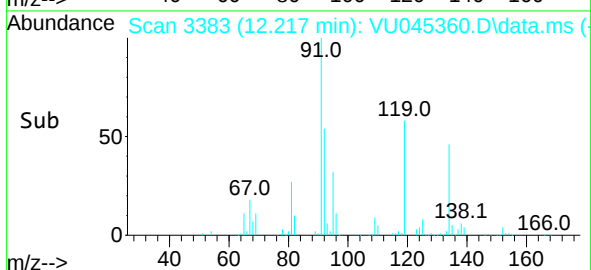
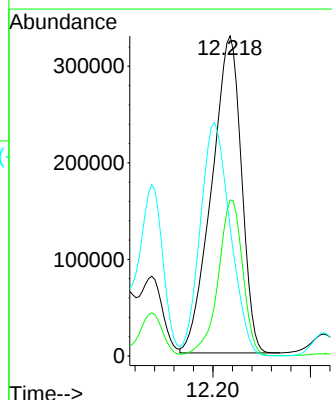
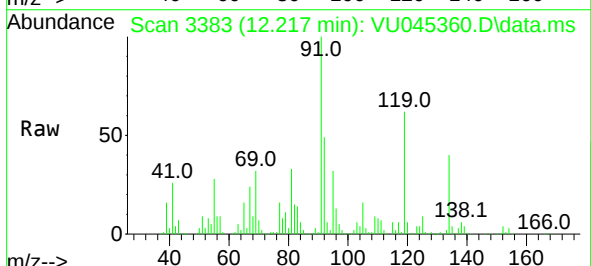
RT: 12.217 min Scan# 3383

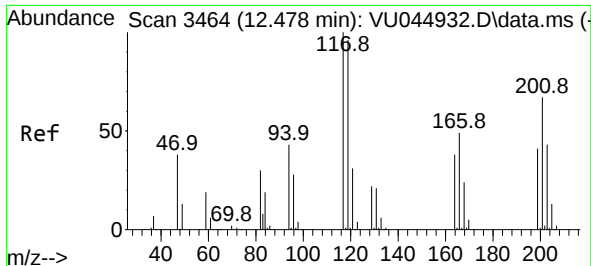
Delta R.T. 0.006 min

Lab File: VU045360.D

Acq: 22 Oct 2021 13:25

Tgt Ion:	91	Resp:	694086
Ion	Ratio	Lower	Upper
91	100		
92	40.6	26.8	80.4
134	74.5	11.8	35.4#

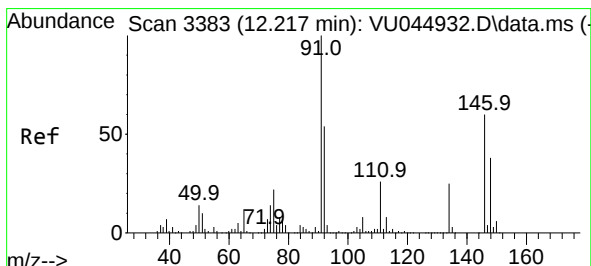
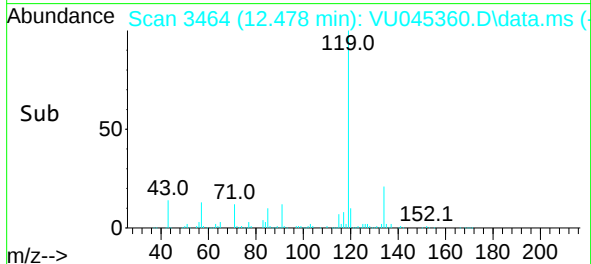
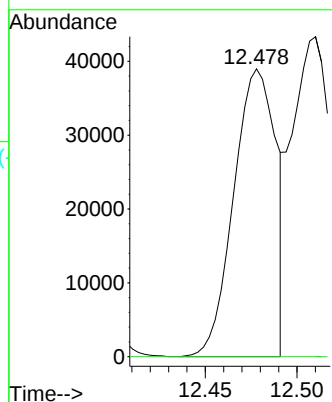
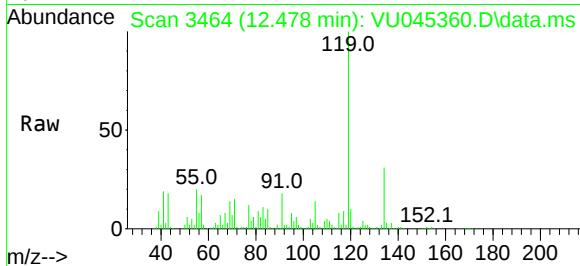




#90
Hexachloroethane
Concen: 31.284 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

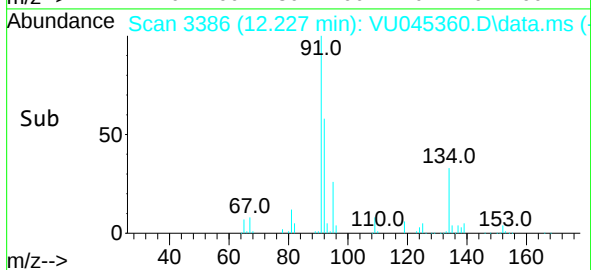
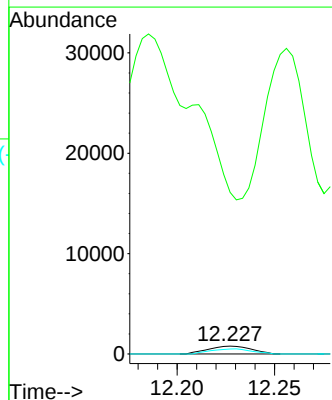
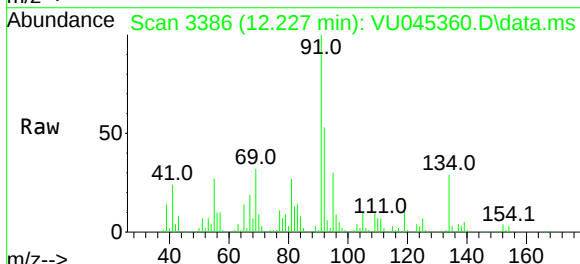
Instrument :
MSVOA_U
ClientSampled :

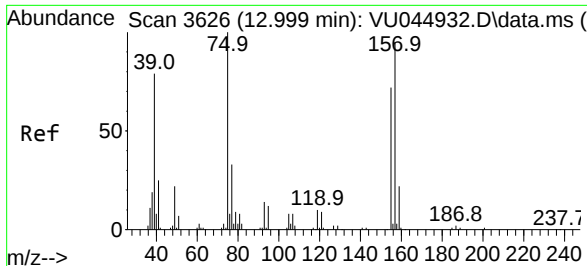
Tgt Ion:117 Resp: 62278
Ion Ratio Lower Upper
117 100
201 0.0 34.8 104.3#



#91
1,2-Dichlorobenzene
Concen: 0.205 ug/l
RT: 12.227 min Scan# 3386
Delta R.T. 0.010 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion:146 Resp: 1211
Ion Ratio Lower Upper
146 100
111 0.0 21.4 64.3#
148 61.2 31.8 95.3

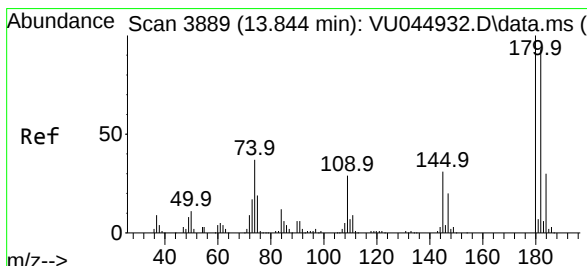
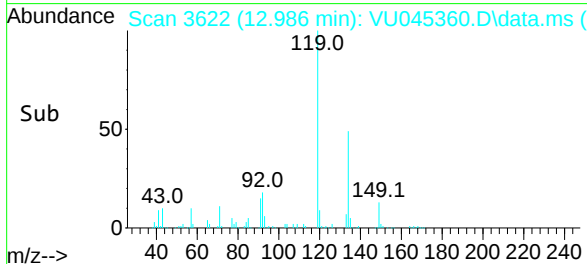
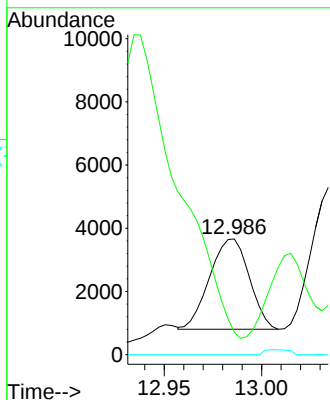
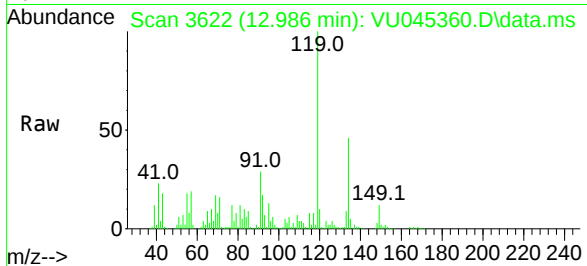




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.159 ug/l
 RT: 12.986 min Scan# 3622
 Delta R.T. -0.013 min
 Lab File: VU045360.D
 Acq: 22 Oct 2021 13:25

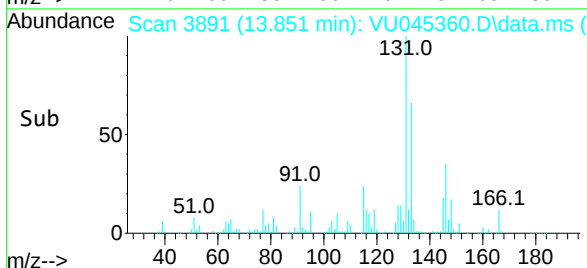
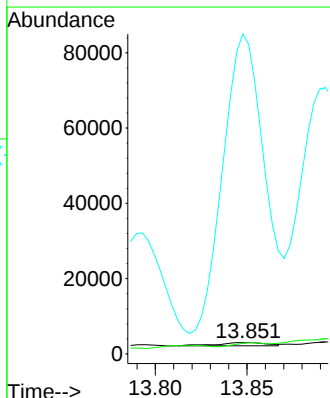
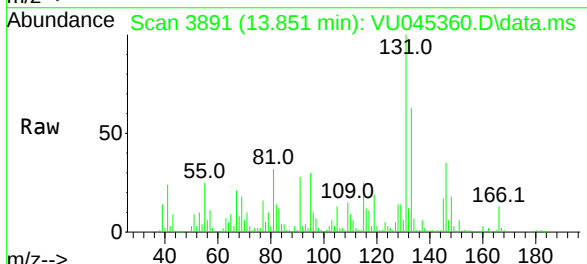
Instrument :
 MSVOA_U
 ClientSampleId :

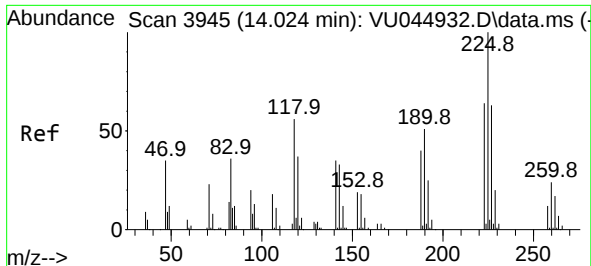
Tgt Ion: 75 Resp: 4028
 Ion Ratio Lower Upper
 75 100
 155 0.0 36.9 110.6#
 157 0.0 47.8 143.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.498 ug/l
 RT: 13.851 min Scan# 3891
 Delta R.T. 0.007 min
 Lab File: VU045360.D
 Acq: 22 Oct 2021 13:25

Tgt Ion:180 Resp: 1638
 Ion Ratio Lower Upper
 180 100
 182 71.8 47.4 142.3
 145 7687.8 15.4 46.2#

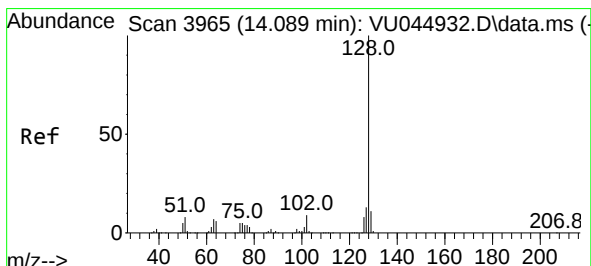
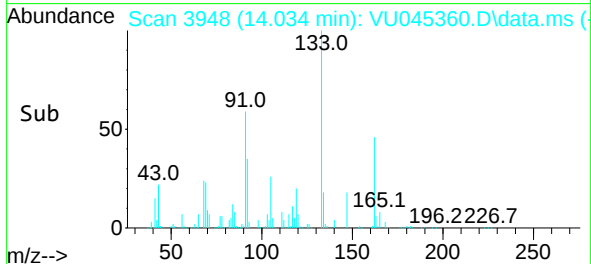
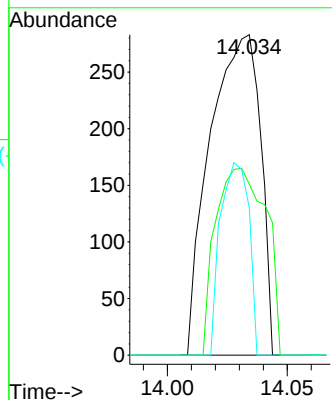
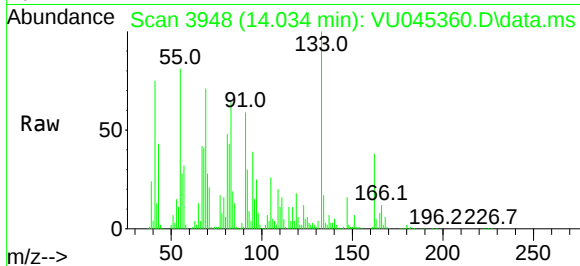




#94
Hexachlorobutadiene
Concen: 0.301 ug/l
RT: 14.034 min Scan# 3948
Delta R.T. 0.010 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

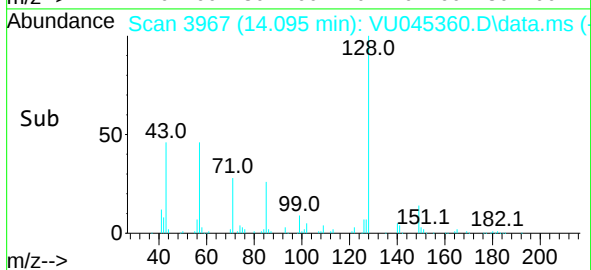
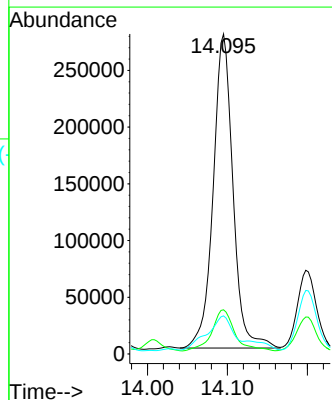
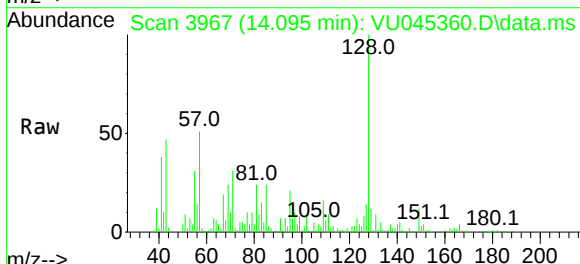
Instrument :
MSVOA_U
ClientSampled :

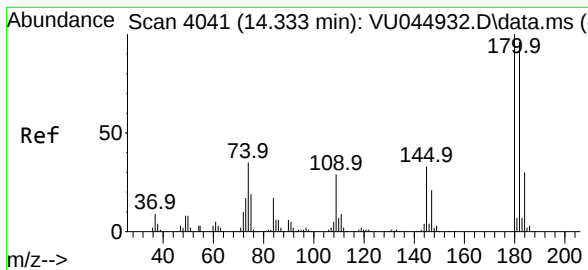
Tgt Ion:	225	Resp:	413
Ion	Ratio	Lower	Upper
225	100		
223	58.4	31.1	93.3
227	33.9	31.4	94.3



#95
Naphthalene
Concen: 38.525 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.006 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

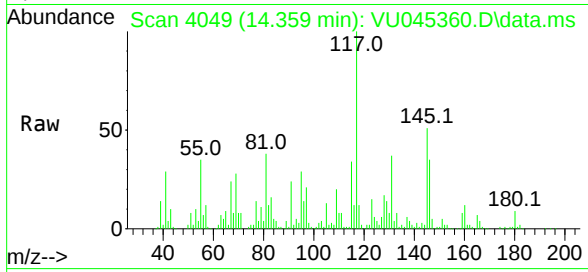
Tgt Ion:	128	Resp:	476737
Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.4	15.6
129	14.1	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 8.279 ug/l
 RT: 14.359 min Scan# 4049
 Delta R.T. 0.026 min
 Lab File: VU045360.D
 Acq: 22 Oct 2021 13:25

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 27356
 Ion Ratio Lower Upper
 180 100
 182 6.3 47.1 141.4#
 145 676.8 16.4 49.2#

