

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045777.D
 Acq On : 12 Nov 2021 18:16
 Operator : SY/MD
 Sample : PB140714TB
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 05:23:08 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	5.379	168	115609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	217995	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	224857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	109494	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	93009	53.720	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.440%	
35) Dibromofluoromethane	5.292	113	73236	50.319	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.640%	
50) Toluene-d8	7.903	98	289885	53.563	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.120%	
62) 4-Bromofluorobenzene	10.636	95	107121	49.360	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.720%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	3.183	59	743	2.168	ug/l #	72
15) Acrylonitrile	3.324	53	499	0.545	ug/l #	65
16) Acetone	2.626	43	16614	18.850	ug/l	95
17) Carbon Disulfide	2.793	76	2007	0.563	ug/l #	75
18) Methyl Acetate	2.954	43	1039	0.346	ug/l #	62
20) Methylene Chloride	3.047	84	7717	5.039	ug/l	96
21) trans-1,2-Dichloroethene	3.350	96	299	0.226	ug/l	88
25) 2-Butanone	4.707	43	3433	2.808	ug/l	96
29) Tetrahydrofuran	5.067	42	893	1.194	ug/l #	78
31) Cyclohexane	5.375	56	2832	1.121	ug/l #	1
36) 1,1-Dichloropropene	5.530	75	531	0.250	ug/l #	45
38) Carbon Tetrachloride	5.375	117	12627	5.892	ug/l #	16
43) Isopropyl Acetate	5.916	43	17307	4.634	ug/l	97
44) Trichloroethene	6.546	130	482	0.320	ug/l	95
45) 1,2-Dichloropropane	7.038	63	1257	0.755	ug/l #	43
48) Methyl methacrylate	6.893	41	4866	2.831	ug/l #	13
51) 4-Methyl-2-Pentanone	7.793	43	6036	2.450	ug/l	89
54) cis-1,3-Dichloropropene	7.739	75	28280	10.582	ug/l #	61
56) Ethyl methacrylate	8.337	69	199	2.490	ug/l #	26
57) 1,3-Dichloropropane	8.729	76	18543	6.447	ug/l #	42
59) 2-Hexanone	8.729	43	238071	115.245	ug/l #	48
64) Tetrachloroethene	8.555	164	304	0.236	ug/l	95
65) Chlorobenzene	9.449	112	1109	0.251	ug/l	90
68) m/p-Xylenes	9.700	106	1239	0.415	ug/l	99
70) Styrene	10.118	104	1075	0.219	ug/l	92
71) Bromoform	10.295	173	136	3.172	ug/l #	29
76) 1,2,3-Trichloropropane	10.636	75	57855	17.424	ug/l #	42
77) Bromobenzene	10.787	156	545	0.314	ug/l	94
78) n-propylbenzene	10.906	91	2547	0.286	ug/l	96
79) 2-Chlorotoluene	10.992	91	1190	0.226	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	1969	0.315	ug/l	91
81) trans-1,4-Dichloro-2-b...	10.636	75	57855	56.655	ug/l #	12
82) 4-Chlorotoluene	11.099	91	2154	0.349	ug/l	96
84) 1,2,4-Trimethylbenzene	11.472	105	1400	0.225	ug/l	84
85) sec-Butylbenzene	11.645	105	1813	0.229	ug/l	95
86) p-Isopropyltoluene	11.800	119	1506	0.228	ug/l #	78

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045777.D
 Acq On : 12 Nov 2021 18:16
 Operator : SY/MD
 Sample : PB140714TB
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 05:23:08 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)

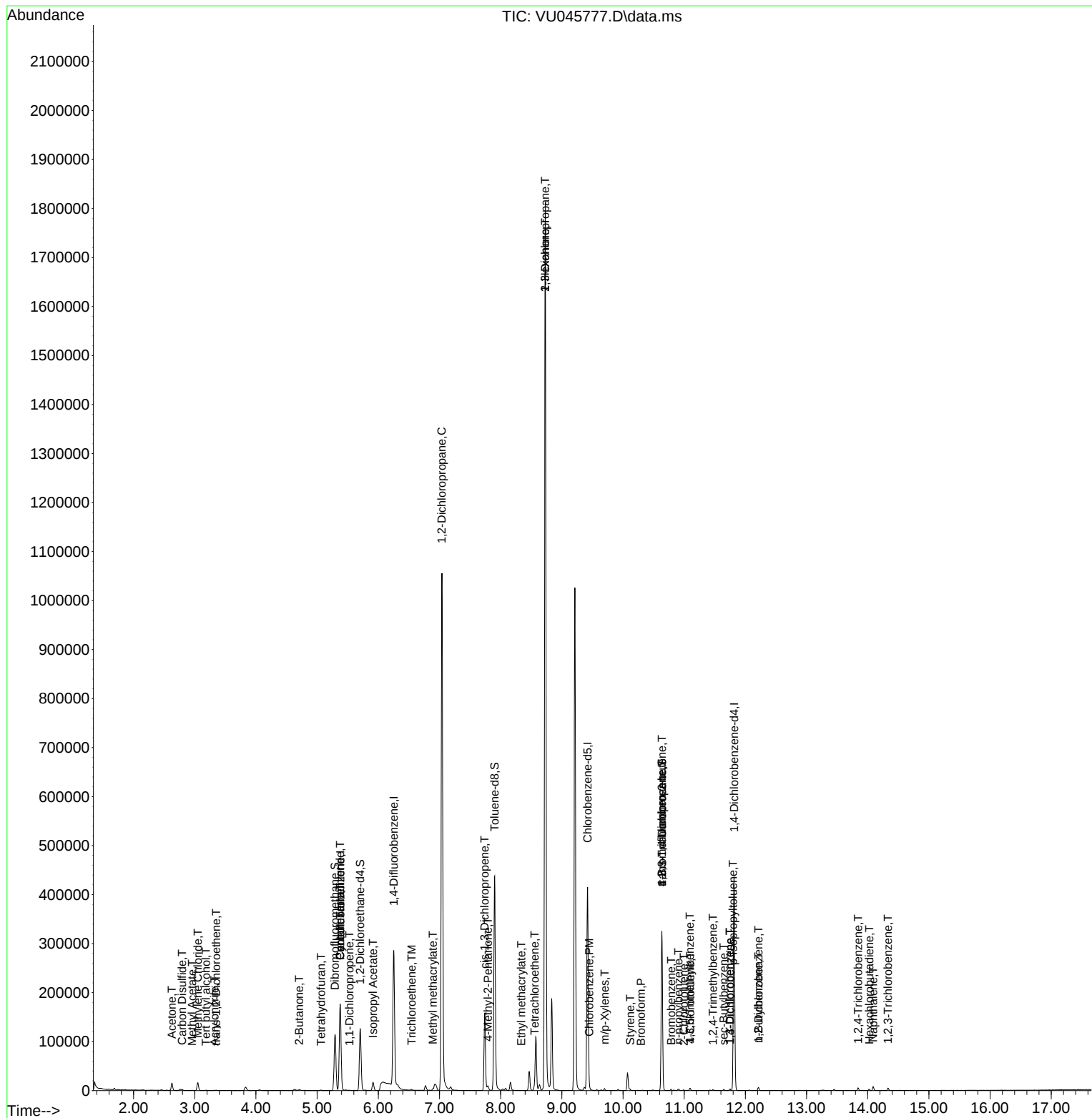
87) 1,3-Dichlorobenzene	11.748	146	1476	0.421	ug/l	93
88) 1,4-Dichlorobenzene	11.748	146	1476	0.416	ug/l	94
89) n-Butylbenzene	12.214	91	2709	0.426	ug/l	96
91) 1,2-Dichlorobenzene	12.214	146	1237	0.363	ug/l	87
93) 1,2,4-Trichlorobenzene	13.841	180	1846	0.783	ug/l	94
94) Hexachlorobutadiene	14.025	225	610	0.599	ug/l	85
95) Naphthalene	14.089	128	6523	1.750	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	1831	0.782	ug/l	92

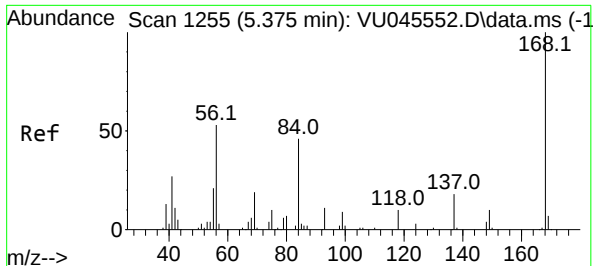
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045777.D
 Acq On : 12 Nov 2021 18:16
 Operator : SY/MD
 Sample : PB140714TB
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

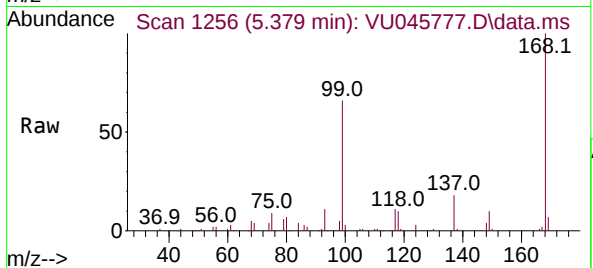
Quant Time: Nov 15 05:23:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration



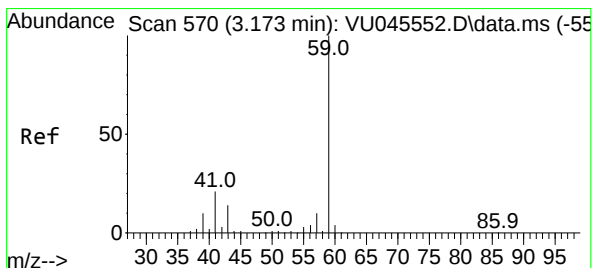
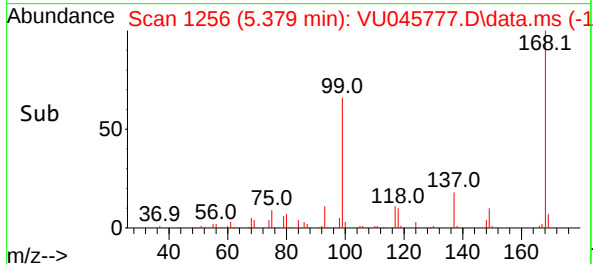
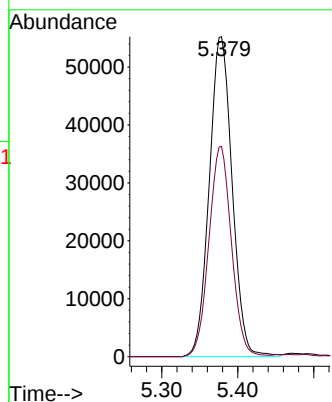


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

Instrument :
MSVOA_U
ClientSampleId :

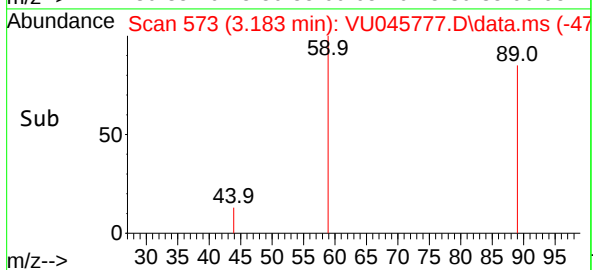
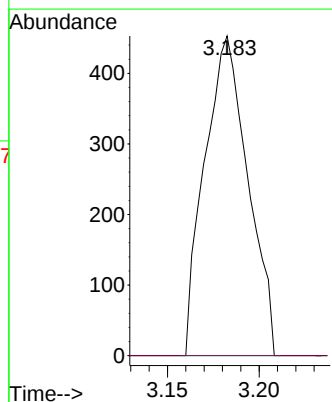
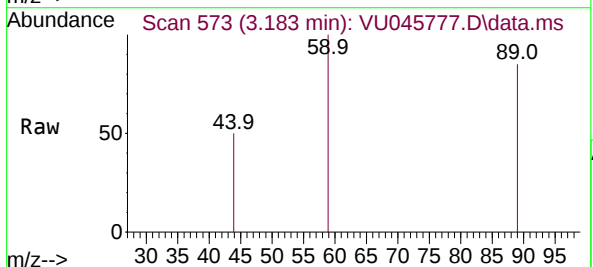


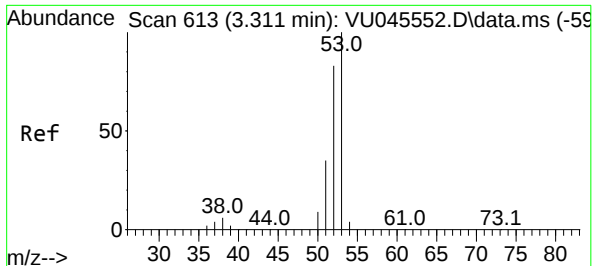
Tgt Ion:168 Resp: 115609
Ion Ratio Lower Upper
168 100
99 65.7 51.0 76.6



#11
Tert butyl alcohol
Concen: 2.168 ug/l
RT: 3.183 min Scan# 573
Delta R.T. 0.010 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

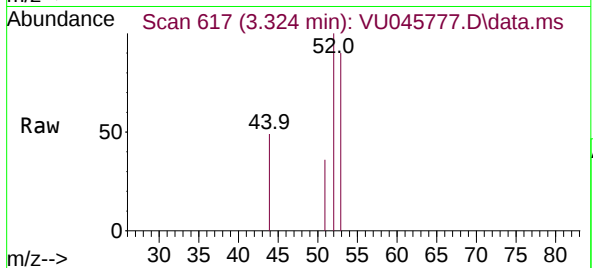
Tgt Ion: 59 Resp: 743
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



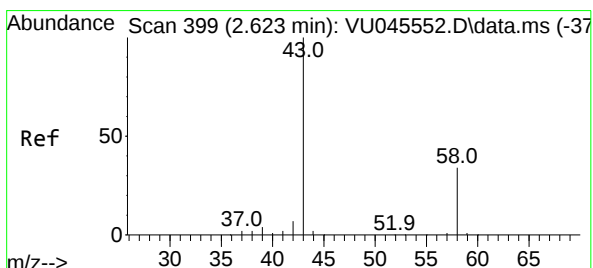
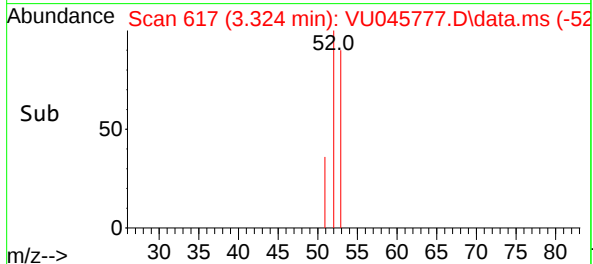
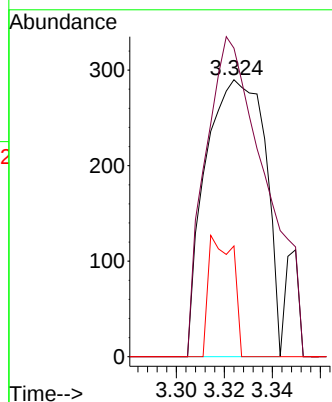


#15
Acrylonitrile
Concen: 0.545 ug/l
RT: 3.324 min Scan# 61
Delta R.T. 0.013 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

Instrument :
MSVOA_U
ClientSampleId :

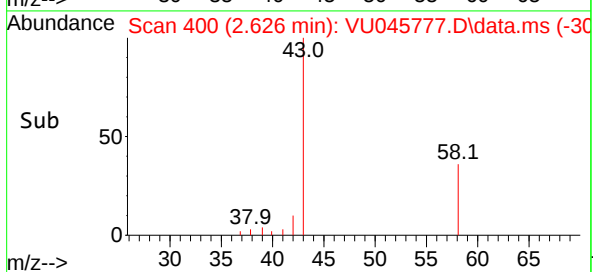
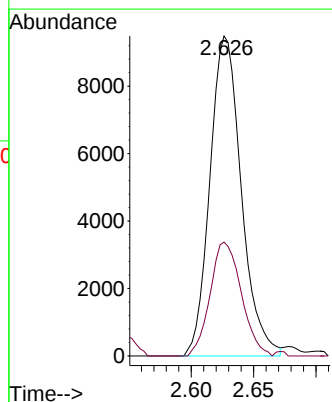
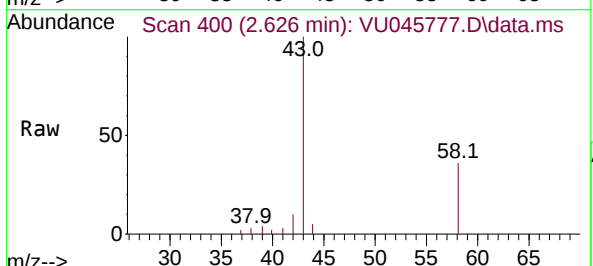


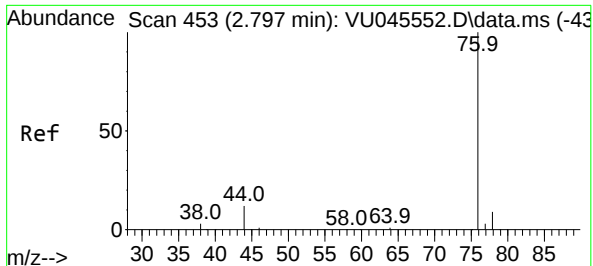
Tgt Ion: 53 Resp: 499
Ion Ratio Lower Upper
53 100
52 116.6 66.6 100.0#
51 17.8 28.4 42.6#



#16
Acetone
Concen: 18.850 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

Tgt Ion: 43 Resp: 16614
Ion Ratio Lower Upper
43 100
58 35.6 26.2 39.2

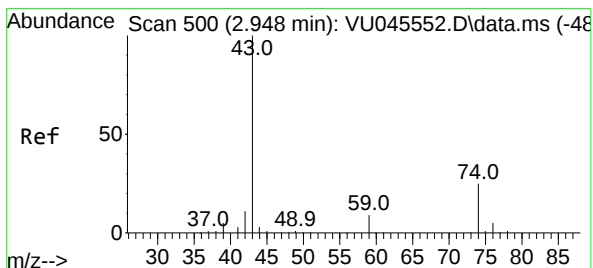
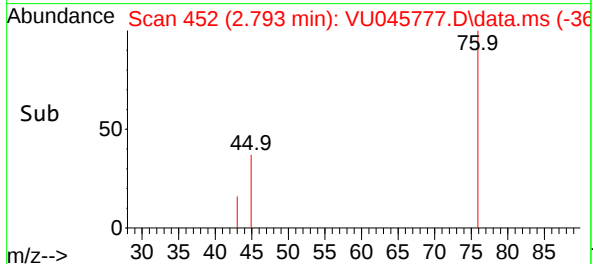
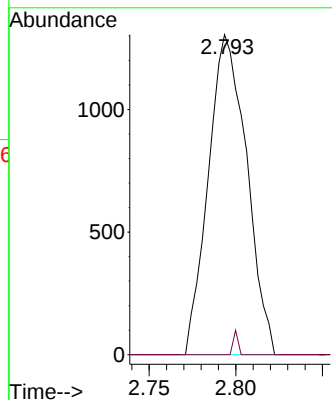
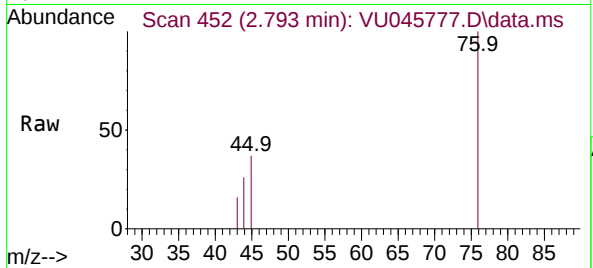




#17
Carbon Disulfide
Concen: 0.563 ug/l
RT: 2.793 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

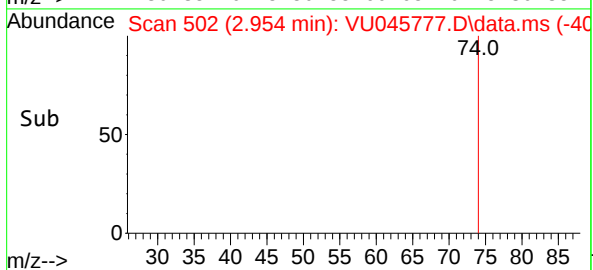
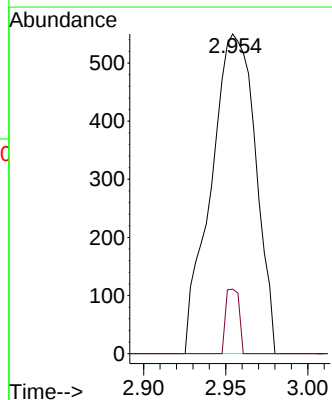
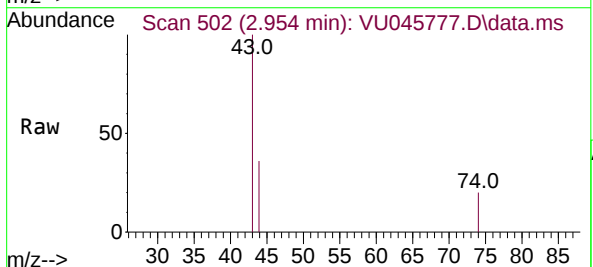
Instrument :
MSVOA_U
ClientSampleId :

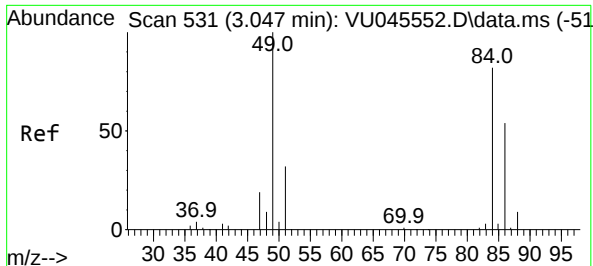
Tgt Ion: 76 Resp: 2007
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: 0.346 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.006 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

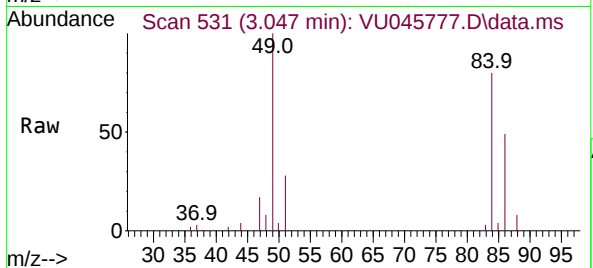
Tgt Ion: 43 Resp: 1039
Ion Ratio Lower Upper
43 100
74 6.1 20.2 30.2#



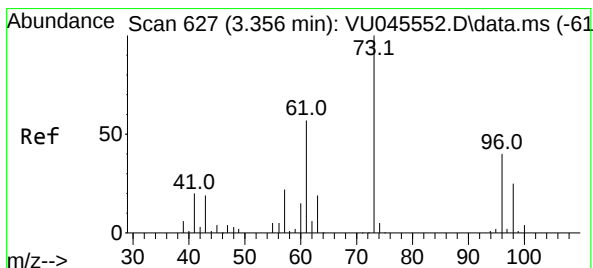
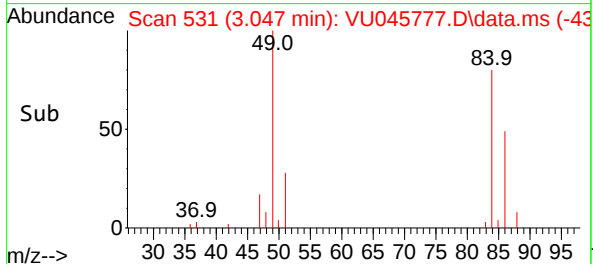
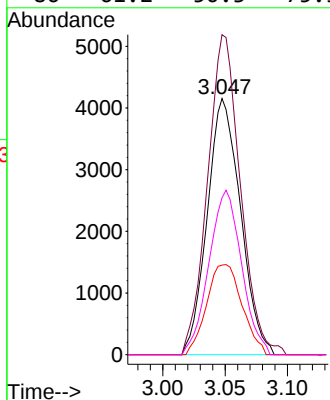


#20
Methylene Chloride
Concen: 5.039 ug/l
RT: 3.047 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

Instrument :
MSVOA_U
ClientSampleId :

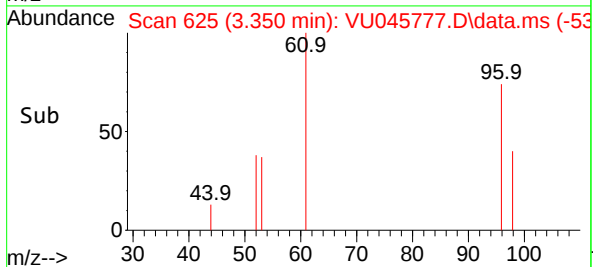
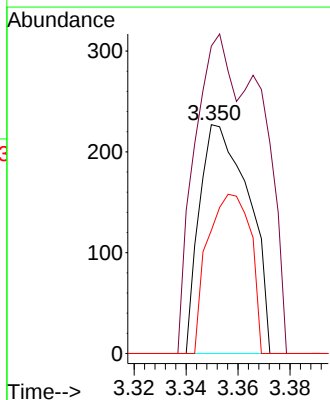
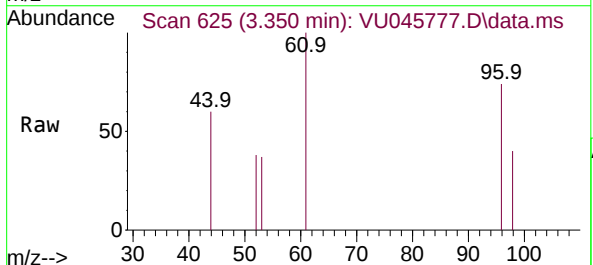


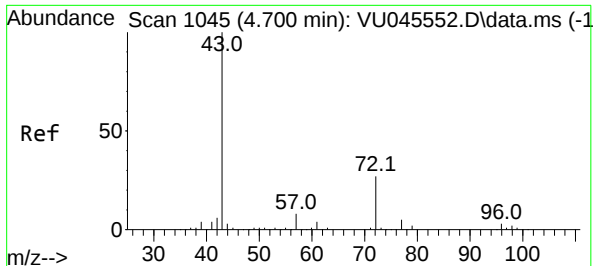
Tgt Ion:	84	Resp:	7717
Ion	Ratio	Lower	Upper
84	100		
49	124.9	96.4	144.6
51	34.9	30.5	45.7
86	61.2	50.3	75.5



#21
trans-1,2-Dichloroethene
Concen: 0.226 ug/l
RT: 3.350 min Scan# 625
Delta R.T. -0.006 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

Tgt Ion:	96	Resp:	299
Ion	Ratio	Lower	Upper
96	100		
61	134.4	118.2	177.4
98	53.7	52.1	78.1





#25

2-Butanone

Concen: 2.808 ug/l

RT: 4.707 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VU045777.D

Acq: 12 Nov 2021 18:16

Instrument :

MSVOA_U

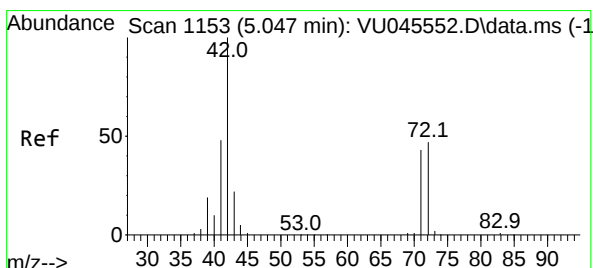
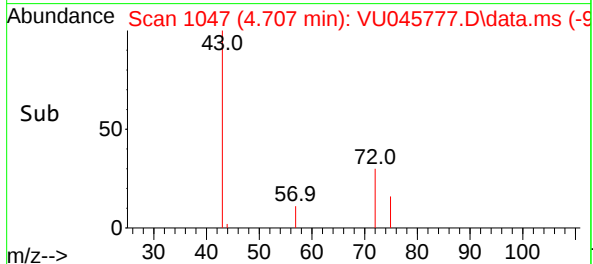
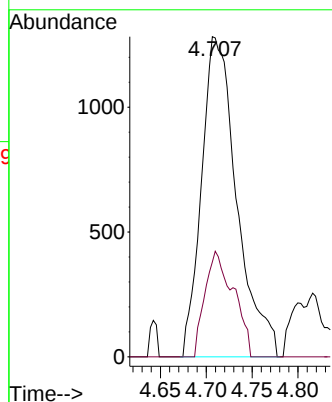
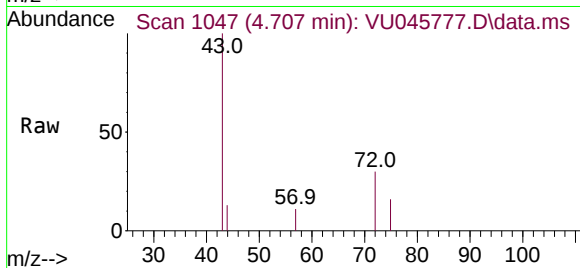
ClientSampleId :

Tgt Ion: 43 Resp: 3433

Ion Ratio Lower Upper

43 100

72 29.6 22.0 33.0



#29

Tetrahydrofuran

Concen: 1.194 ug/l

RT: 5.067 min Scan# 1159

Delta R.T. 0.019 min

Lab File: VU045777.D

Acq: 12 Nov 2021 18:16

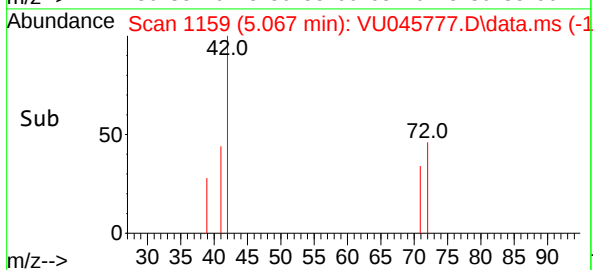
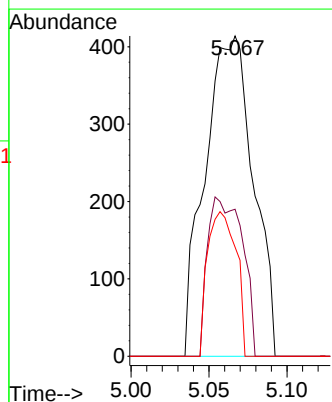
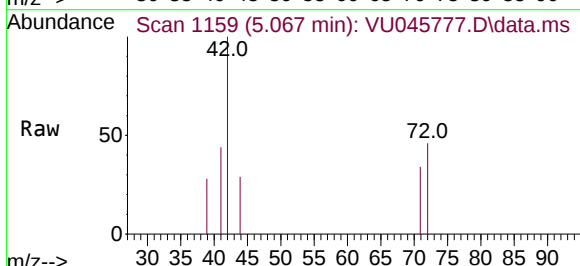
Tgt Ion: 42 Resp: 893

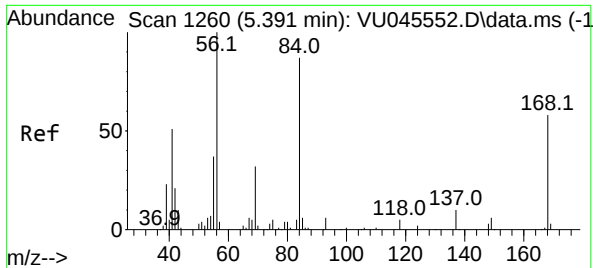
Ion Ratio Lower Upper

42 100

72 35.7 38.2 57.4#

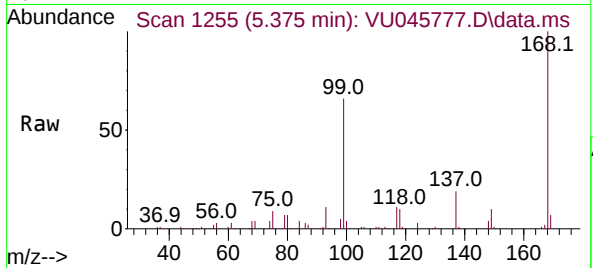
71 26.7 35.4 53.2#



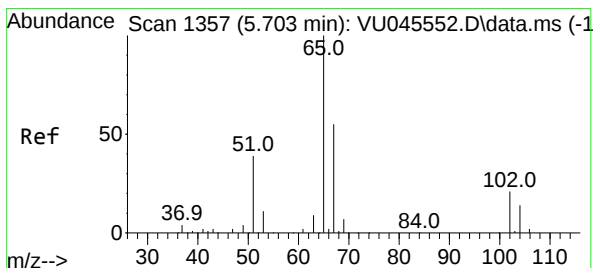
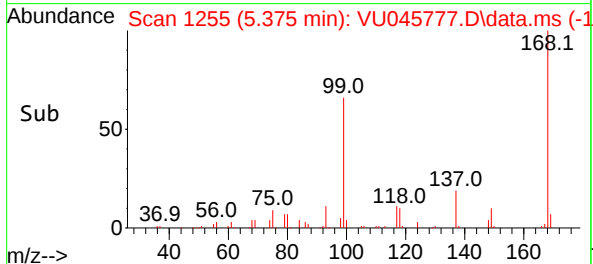
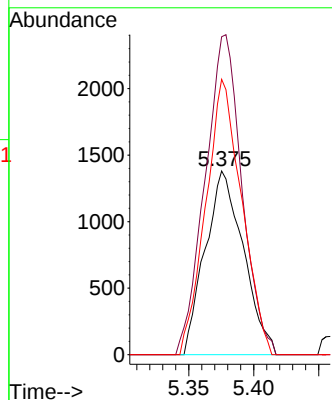


#31
Cyclohexane
Concen: 1.121 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

Instrument :
MSVOA_U
ClientSampleId :

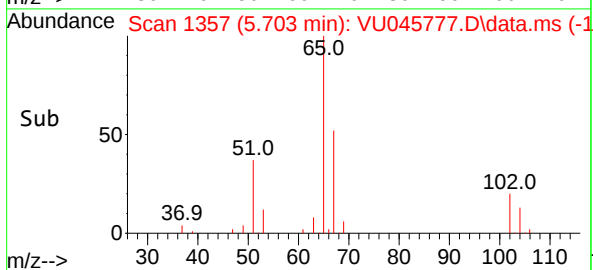
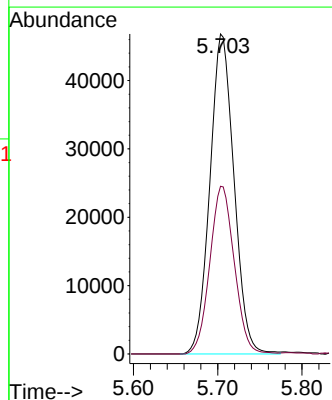
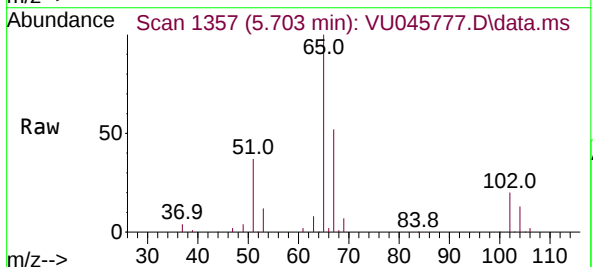


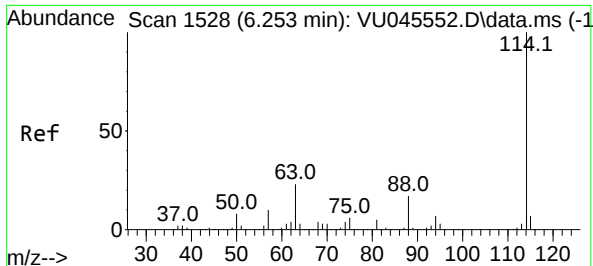
Tgt Ion: 56 Resp: 2832
Ion Ratio Lower Upper
56 100
69 173.1 26.4 39.6#
84 149.9 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 53.720 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

Tgt Ion: 65 Resp: 93009
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045777.D

Acq: 12 Nov 2021 18:16

Instrument :

MSVOA_U

ClientSampleId :

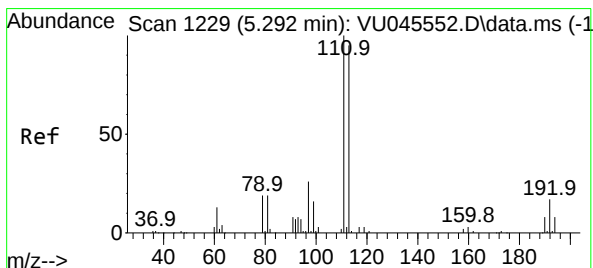
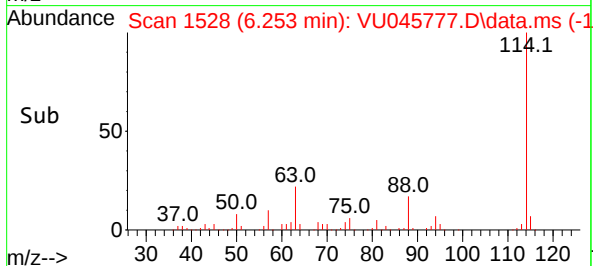
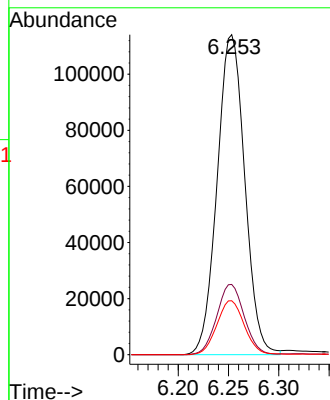
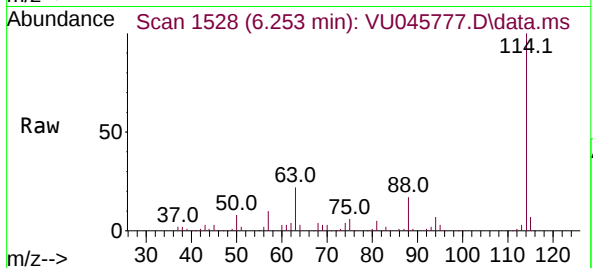
Tgt Ion:114 Resp: 217995

Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.6

88 16.8 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.319 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045777.D

Acq: 12 Nov 2021 18:16

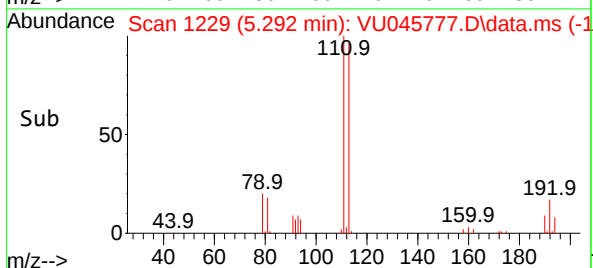
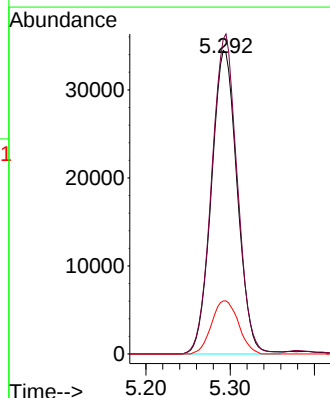
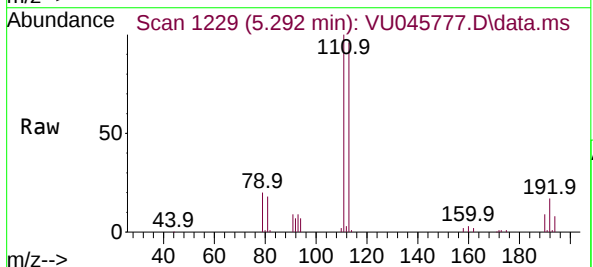
Tgt Ion:113 Resp: 73236

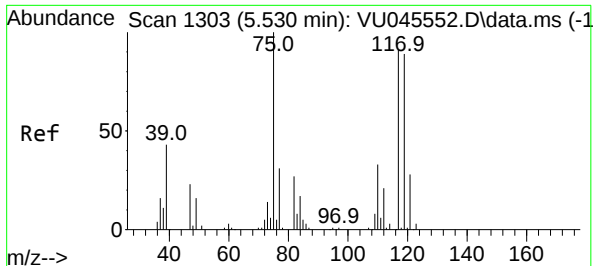
Ion Ratio Lower Upper

113 100

111 104.5 82.8 124.2

192 18.2 14.8 22.2





#36

1,1-Dichloropropene

Concen: 0.250 ug/l

RT: 5.530 min Scan# 1

Delta R.T. 0.000 min

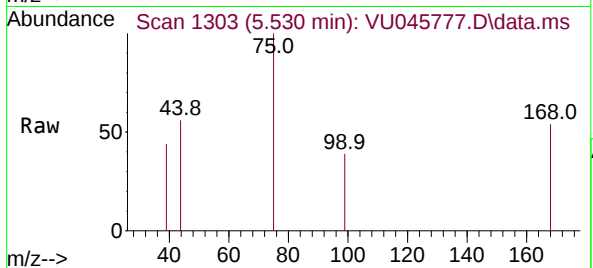
Lab File: VU045777.D

Acq: 12 Nov 2021 18:16

Instrument :

MSVOA_U

ClientSampleId :



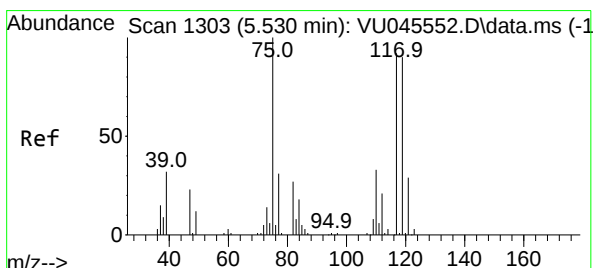
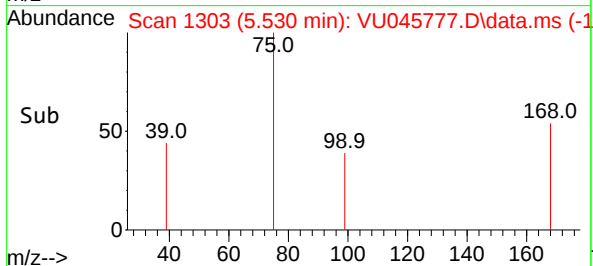
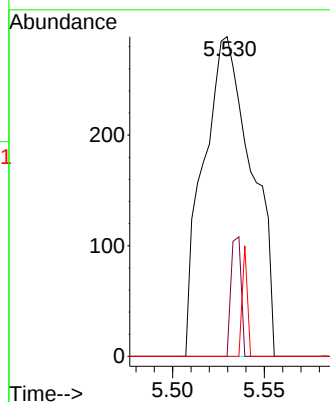
Tgt Ion: 75 Resp: 531

Ion Ratio Lower Upper

75 100

110 0.0 16.7 50.0#

77 3.6 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.892 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU045777.D

Acq: 12 Nov 2021 18:16

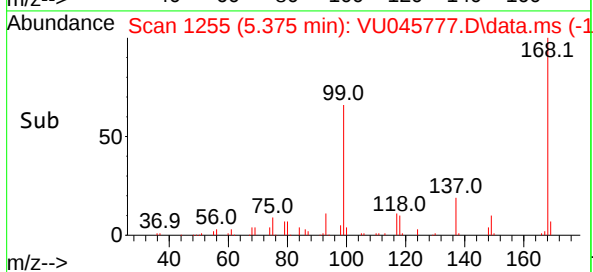
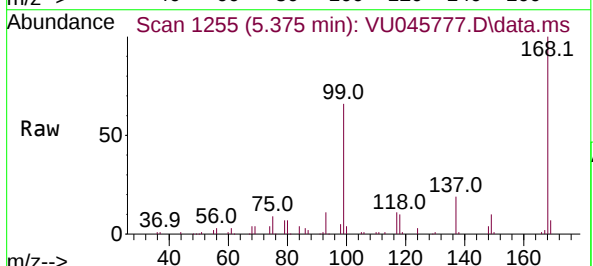
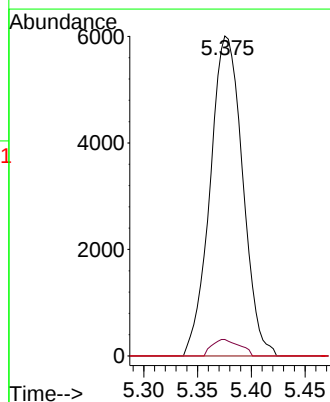
Tgt Ion: 117 Resp: 12627

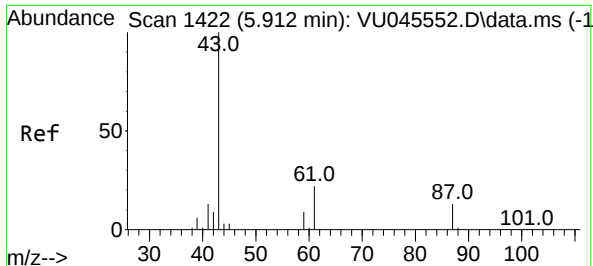
Ion Ratio Lower Upper

117 100

119 5.1 77.4 116.0#

121 0.0 24.8 37.2#





#43

Isopropyl Acetate

Concen: 4.634 ug/l

RT: 5.916 min Scan# 1422

Delta R.T. 0.003 min

Lab File: VU045777.D

Acq: 12 Nov 2021 18:16

Instrument :

MSVOA_U

ClientSampleId :

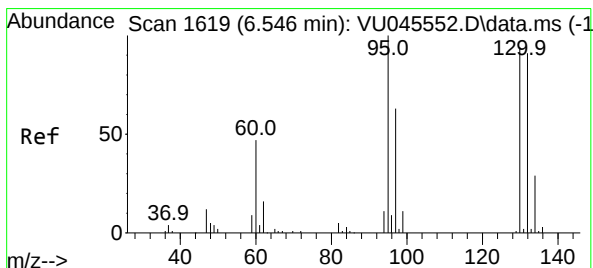
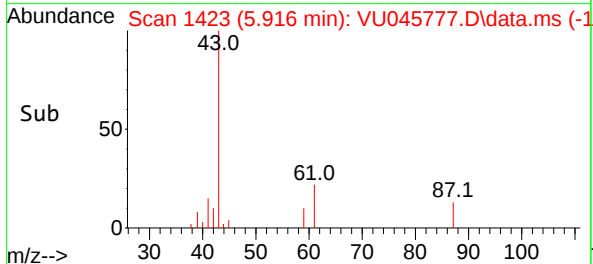
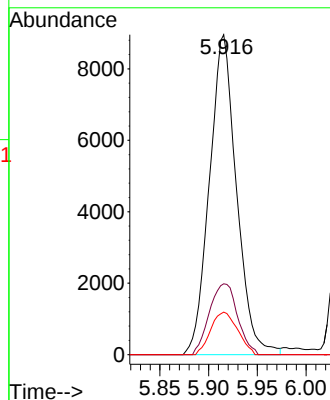
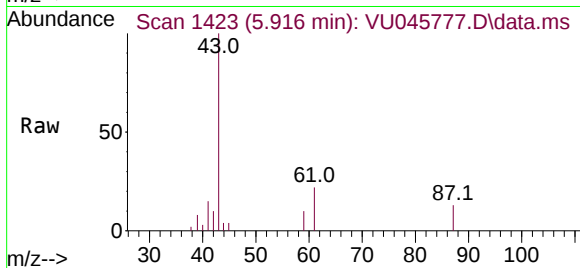
Tgt Ion: 43 Resp: 17307

Ion Ratio Lower Upper

43 100

61 23.0 16.9 25.3

87 13.2 11.0 16.4



#44

Trichloroethene

Concen: 0.320 ug/l

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045777.D

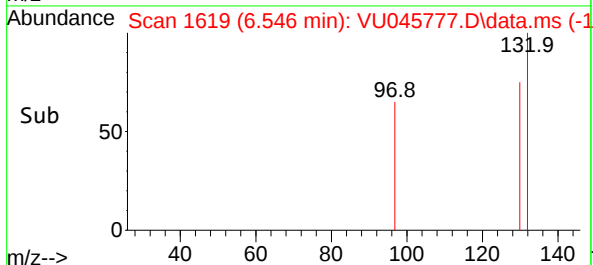
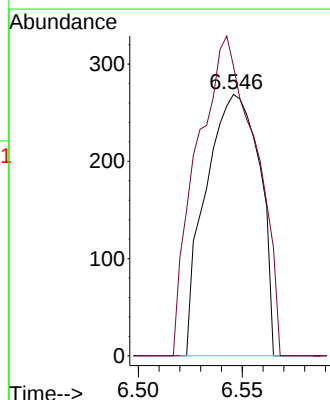
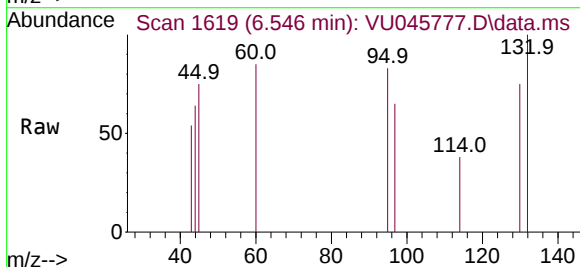
Acq: 12 Nov 2021 18:16

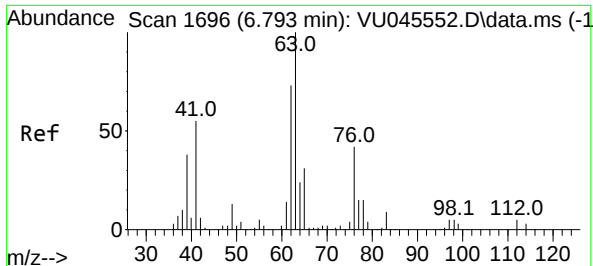
Tgt Ion:130 Resp: 482

Ion Ratio Lower Upper

130 100

95 110.8 0.0 211.4





#45

1,2-Dichloropropane

Concen: 0.755 ug/l

RT: 7.038 min Scan# 1

Delta R.T. 0.244 min

Lab File: VU045777.D

Acq: 12 Nov 2021 18:16

Instrument :

MSVOA_U

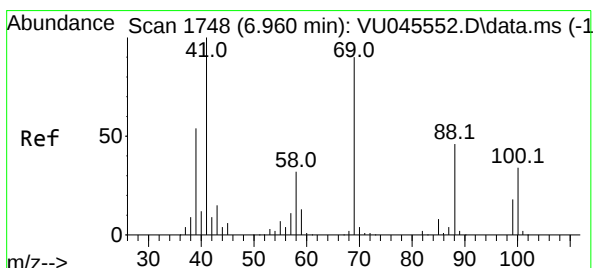
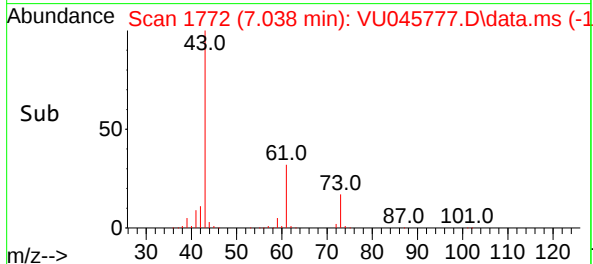
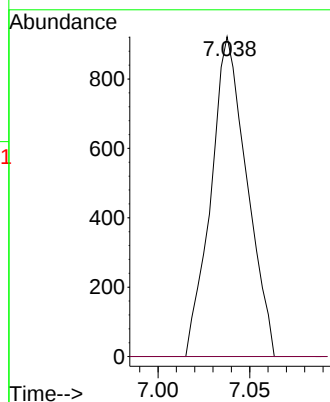
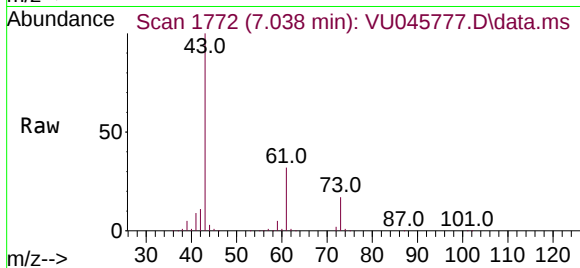
ClientSampleId :

Tgt Ion: 63 Resp: 1257

Ion Ratio Lower Upper

63 100

65 0.0 25.7 38.5#



#48

Methyl methacrylate

Concen: 2.831 ug/l

RT: 6.893 min Scan# 1727

Delta R.T. -0.067 min

Lab File: VU045777.D

Acq: 12 Nov 2021 18:16

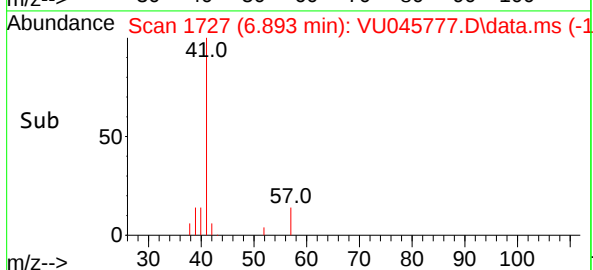
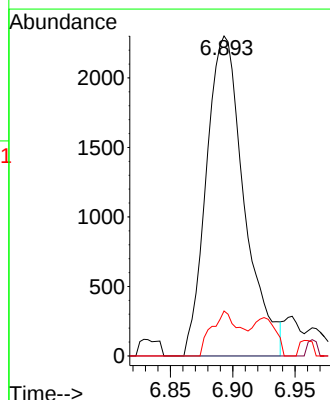
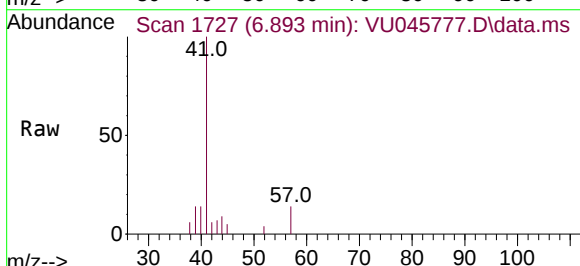
Tgt Ion: 41 Resp: 4866

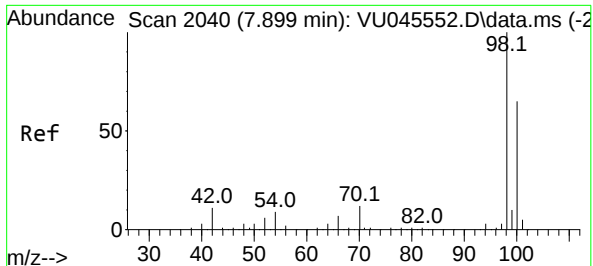
Ion Ratio Lower Upper

41 100

69 0.0 70.2 105.2#

39 0.0 43.9 65.9#

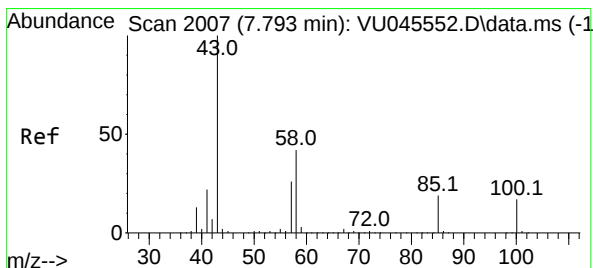
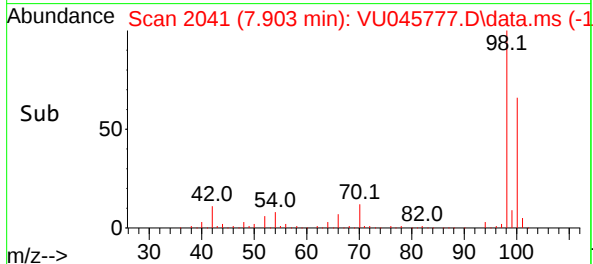
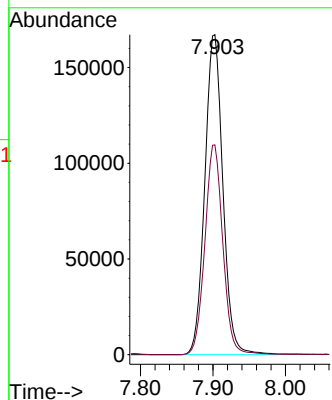
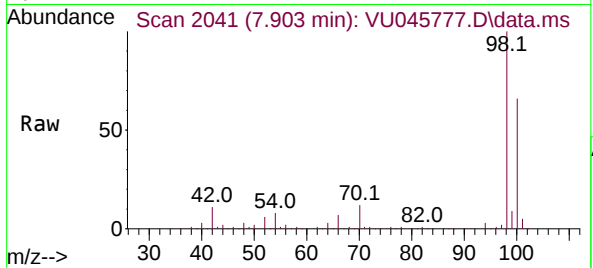




#50
Toluene-d8
Concen: 53.563 ug/l
RT: 7.903 min Scan# 2040
Delta R.T. 0.003 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

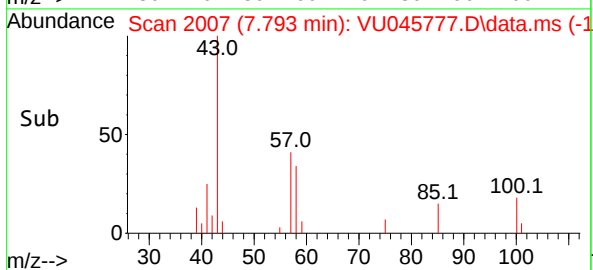
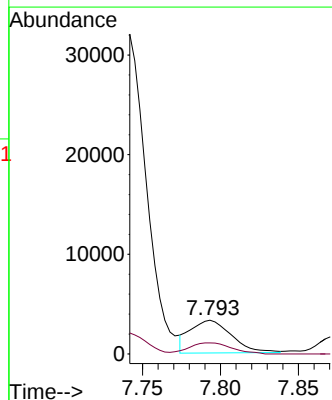
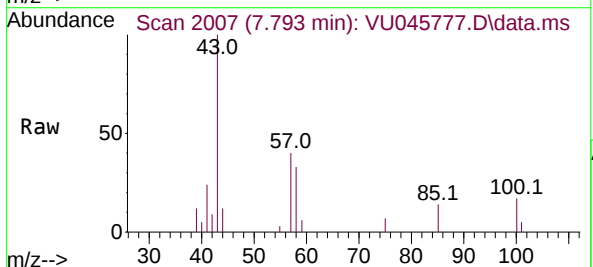
Instrument :
MSVOA_U
ClientSampleId :

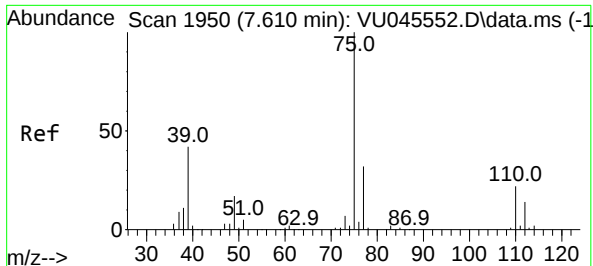
Tgt Ion: 98 Resp: 289885
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 2.450 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.000 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

Tgt Ion: 43 Resp: 6036
Ion Ratio Lower Upper
43 100
58 35.0 33.8 50.8

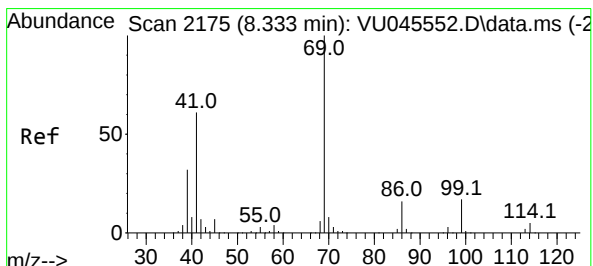
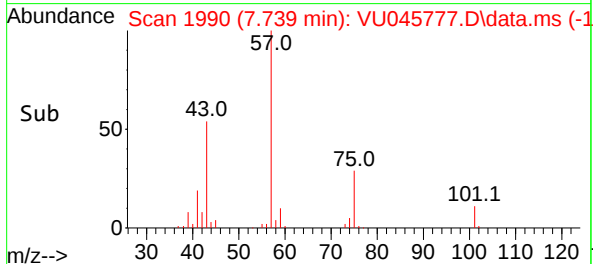
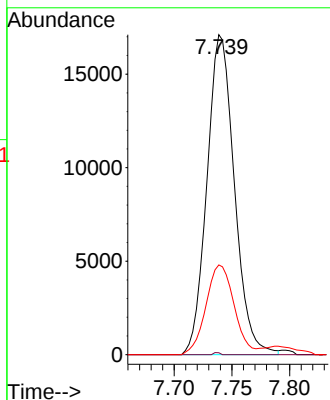
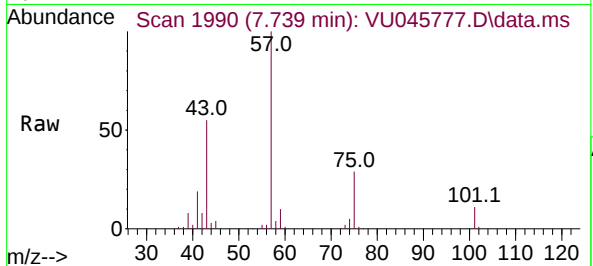




#54
 cis-1,3-Dichloropropene
 Concen: 10.582 ug/l
 RT: 7.739 min Scan# 1950
 Delta R.T. 0.129 min
 Lab File: VU045777.D
 Acq: 12 Nov 2021 18:16

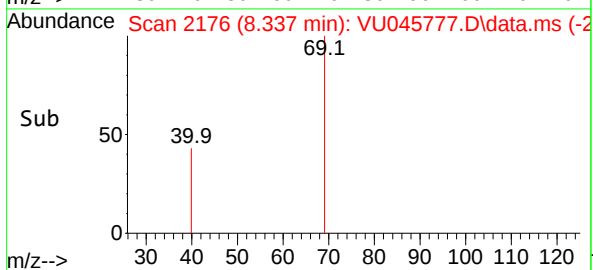
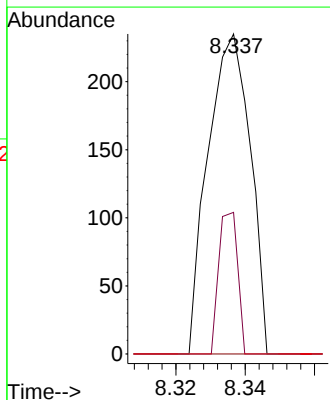
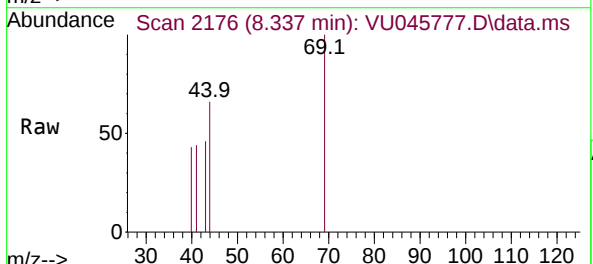
Instrument :
 MSVOA_U
 ClientSampleId :

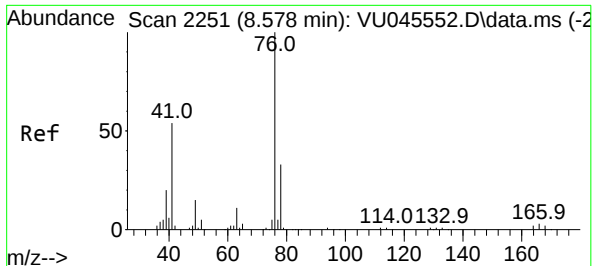
Tgt Ion: 75 Resp: 28280
 Ion Ratio Lower Upper
 75 100
 77 0.6 24.6 37.0#
 39 28.0 37.1 55.7#



#56
 Ethyl methacrylate
 Concen: 2.490 ug/l
 RT: 8.337 min Scan# 2176
 Delta R.T. 0.004 min
 Lab File: VU045777.D
 Acq: 12 Nov 2021 18:16

Tgt Ion: 69 Resp: 199
 Ion Ratio Lower Upper
 69 100
 41 0.0 51.0 76.4#
 39 0.0 26.6 39.8#





#57

1,3-Dichloropropane

Concen: 6.447 ug/l

RT: 8.729 min Scan# 21

Delta R.T. 0.151 min

Lab File: VU045777.D

Acq: 12 Nov 2021 18:16

Instrument :

MSVOA_U

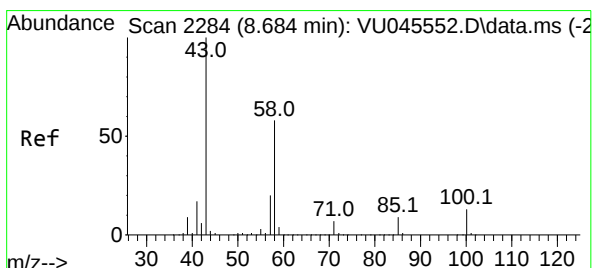
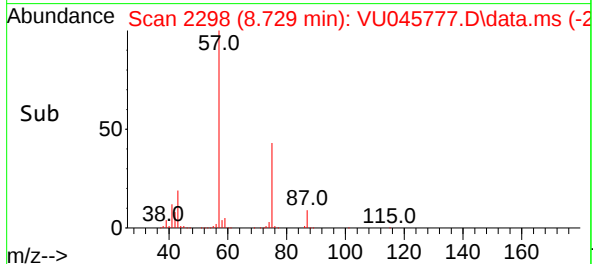
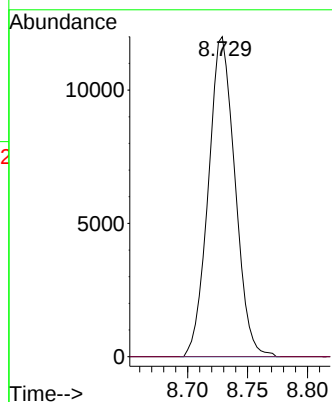
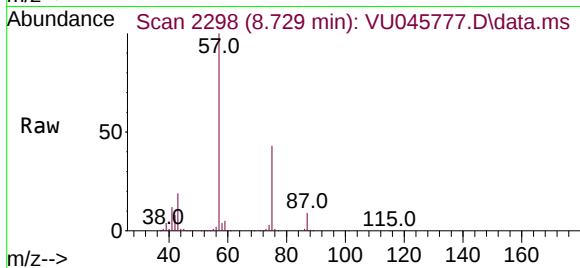
ClientSampleId :

Tgt Ion: 76 Resp: 18543

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.8#



#59

2-Hexanone

Concen: 115.245 ug/l

RT: 8.729 min Scan# 2298

Delta R.T. 0.045 min

Lab File: VU045777.D

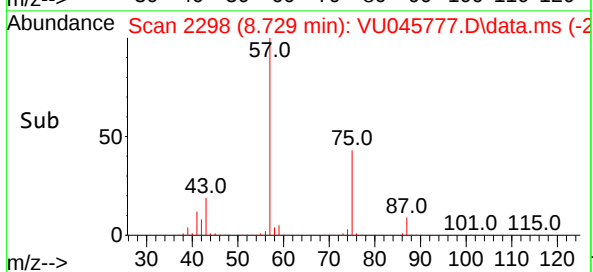
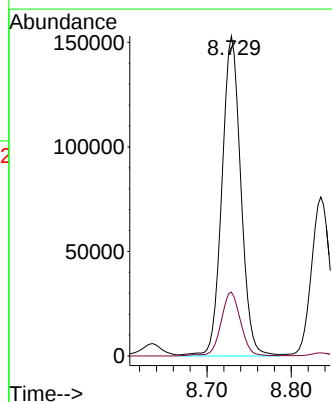
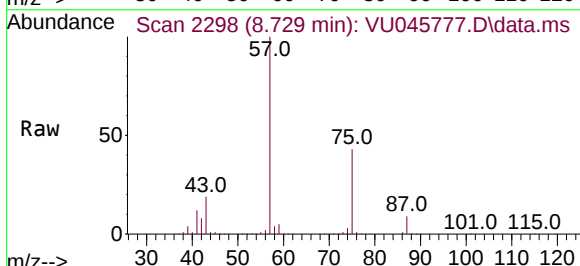
Acq: 12 Nov 2021 18:16

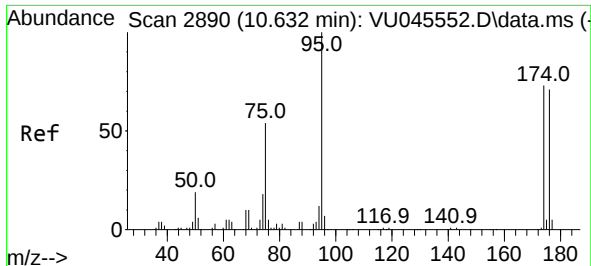
Tgt Ion: 43 Resp: 238071

Ion Ratio Lower Upper

43 100

58 20.1 29.5 88.6#





#62

4-Bromofluorobenzene

Concen: 49.360 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. 0.003 min

Lab File: VU045777.D

Acq: 12 Nov 2021 18:16

Instrument :

MSVOA_U

ClientSampleId :

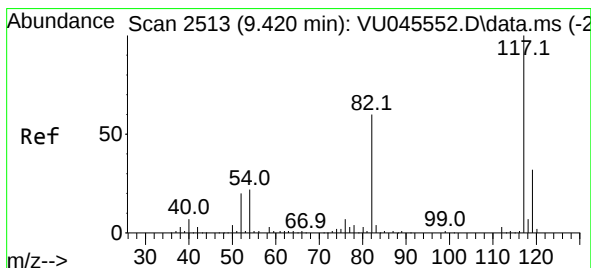
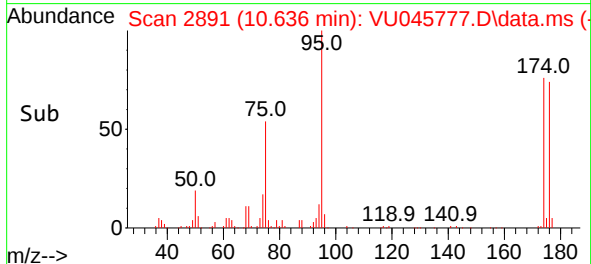
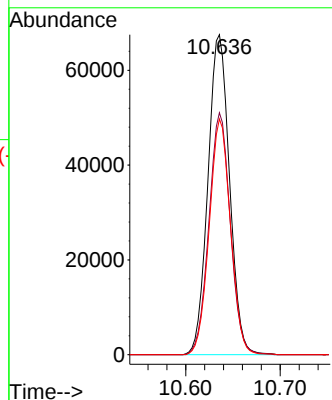
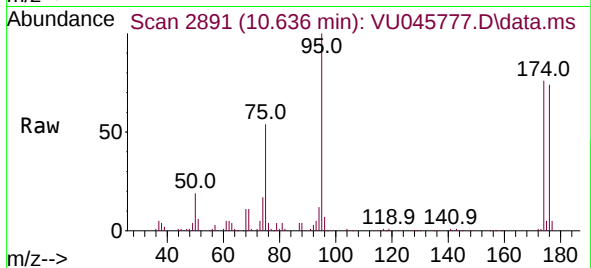
Tgt Ion: 95 Resp: 107121

Ion Ratio Lower Upper

95 100

174 74.9 0.0 141.8

176 72.5 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: VU045777.D

Acq: 12 Nov 2021 18:16

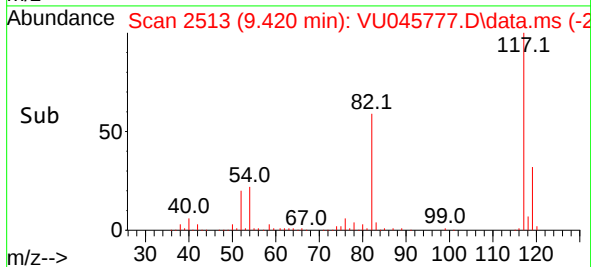
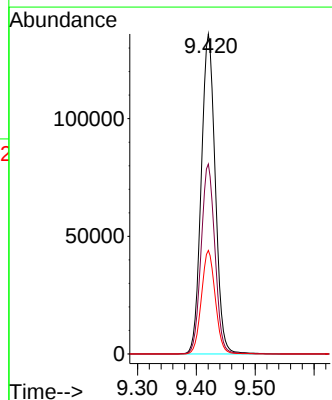
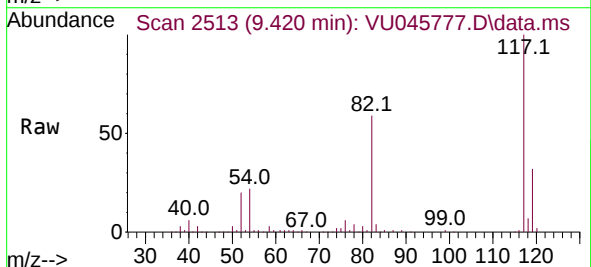
Tgt Ion: 117 Resp: 224857

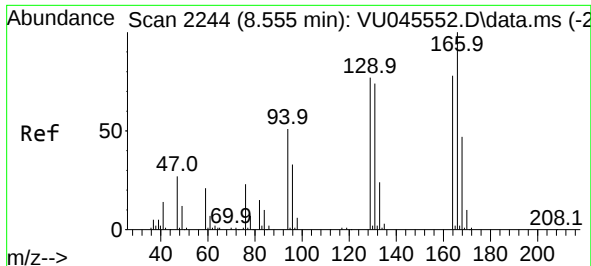
Ion Ratio Lower Upper

117 100

82 59.3 47.8 71.8

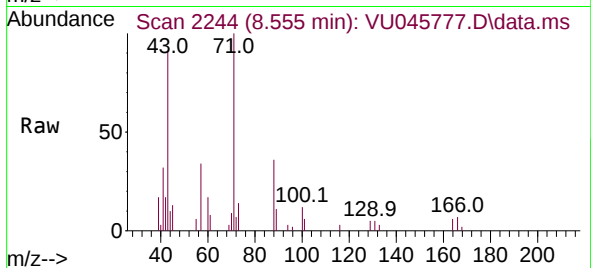
119 32.4 25.8 38.8



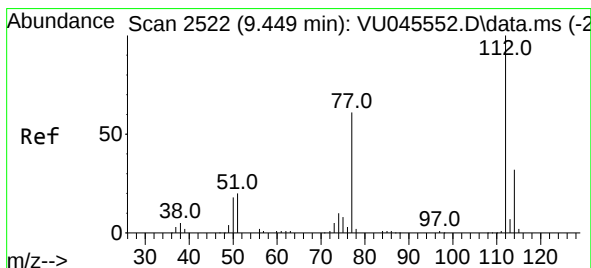
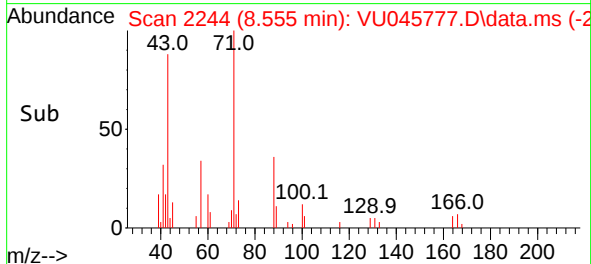
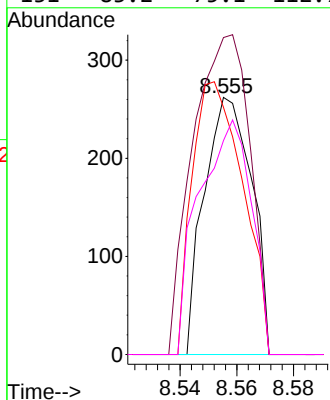


#64
Tetrachloroethene
Concen: 0.236 ug/l
RT: 8.555 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

Instrument :
MSVOA_U
ClientSampleId :

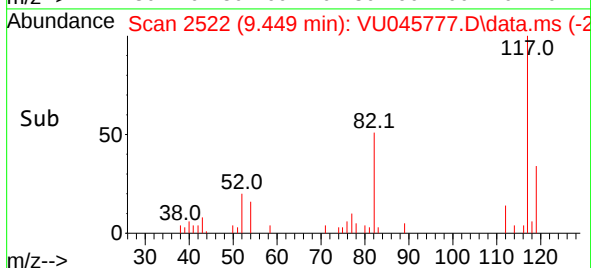
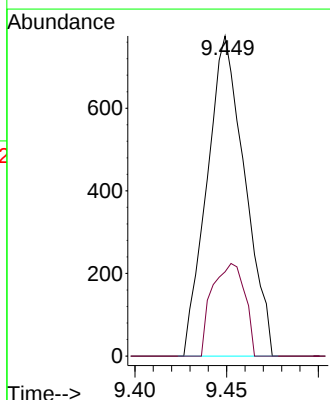
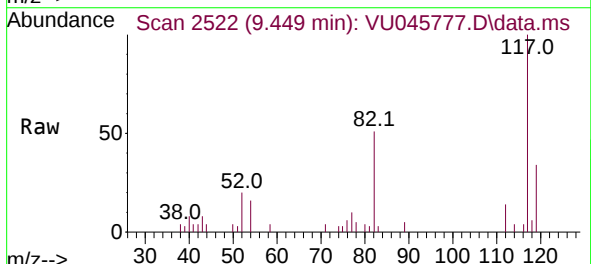


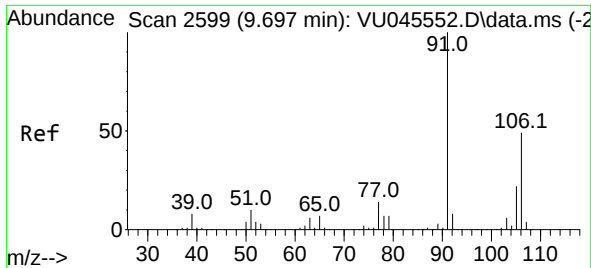
Tgt Ion:164	Resp:	304
Ion	Ratio	Lower Upper
164	100	
166	123.3	102.2 153.4
129	96.2	78.2 117.4
131	83.2	75.1 112.7



#65
Chlorobenzene
Concen: 0.251 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

Tgt Ion:112	Resp:	1109
Ion	Ratio	Lower Upper
112	100	
114	26.3	25.7 38.5

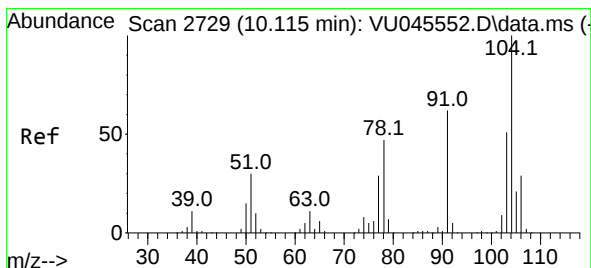
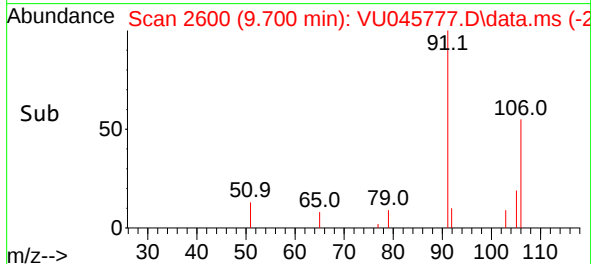
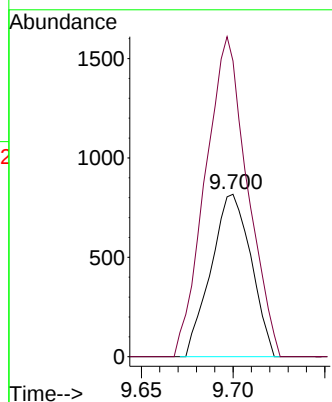
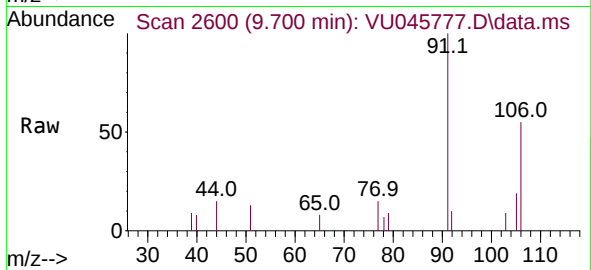




#68
m/p-Xylenes
Concen: 0.415 ug/l
RT: 9.700 min Scan# 2100
Delta R.T. 0.003 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

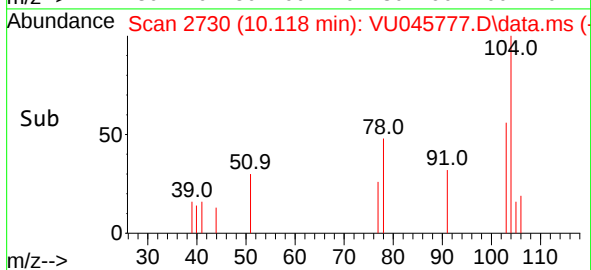
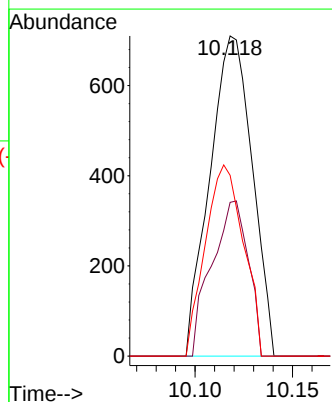
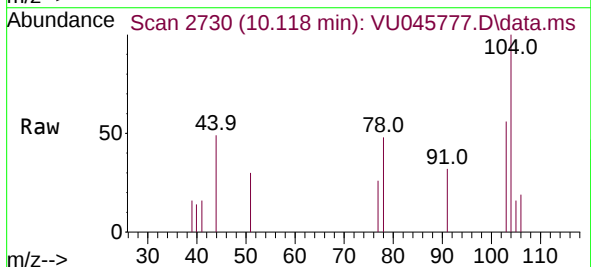
Instrument :
MSVOA_U
ClientSampleId :

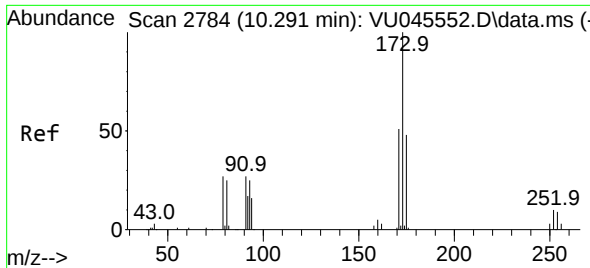
Tgt Ion:106 Resp: 1239
Ion Ratio Lower Upper
106 100
91 207.3 164.7 247.1



#70
Styrene
Concen: 0.219 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

Tgt Ion:104 Resp: 1075
Ion Ratio Lower Upper
104 100
78 41.9 41.8 62.6
103 53.8 43.8 65.6

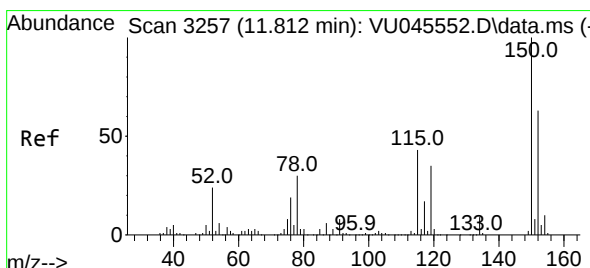
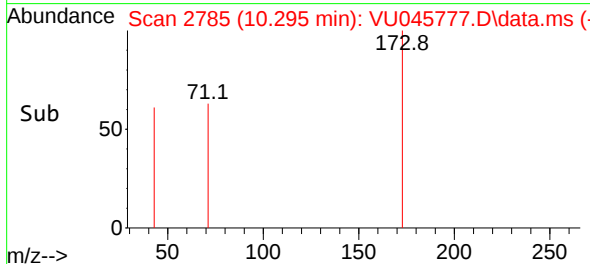
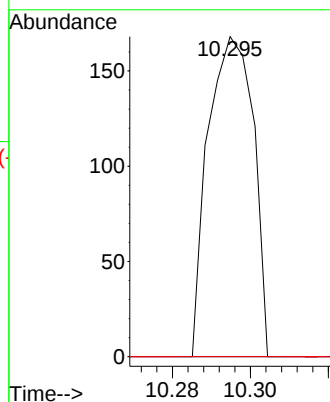
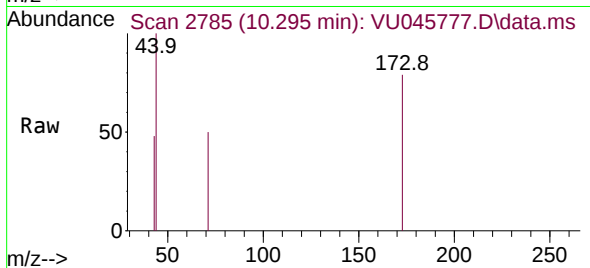




#71
Bromoform
Concen: 3.172 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

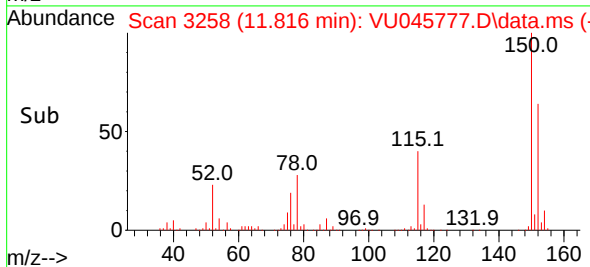
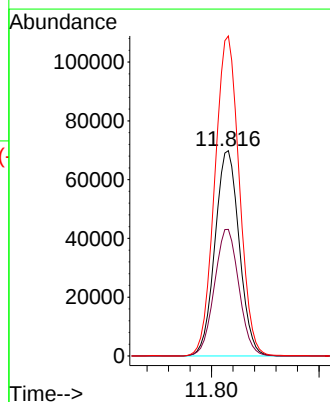
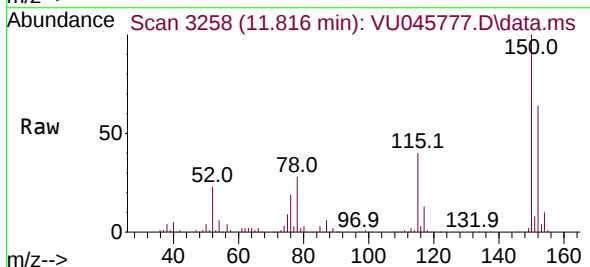
Instrument :
MSVOA_U
ClientSampleId :

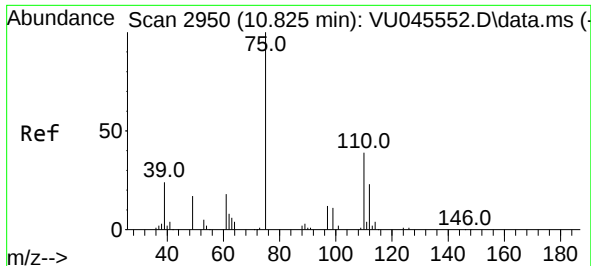
Tgt Ion:173 Resp: 136
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

Tgt Ion:152 Resp: 109494
Ion Ratio Lower Upper
152 100
115 62.5 42.7 128.1
150 157.2 0.0 346.8

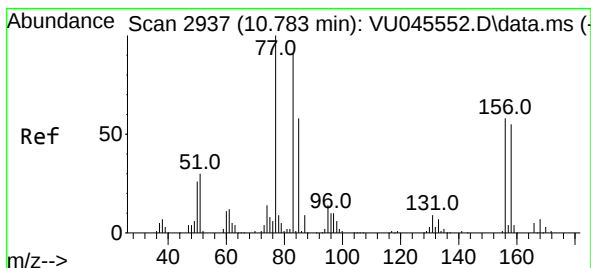
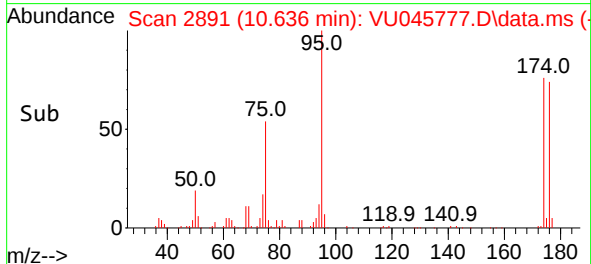
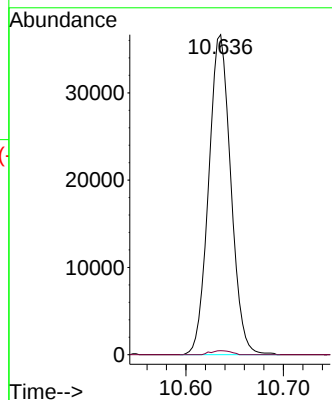
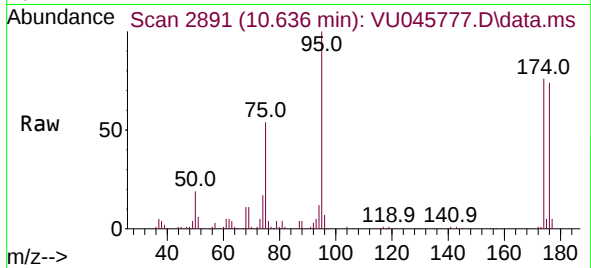




#76
1,2,3-Trichloropropane
Concen: 17.424 ug/l
RT: 10.636 min Scan# 2950
Delta R.T. -0.190 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

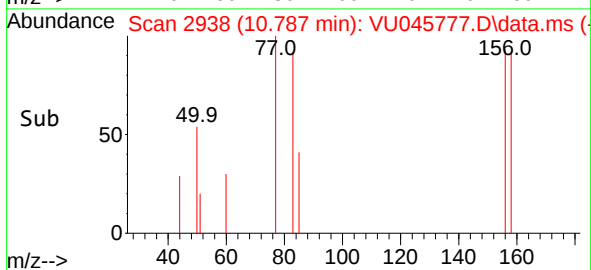
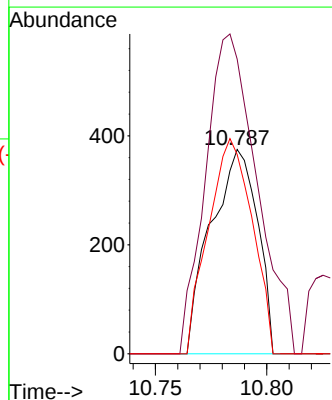
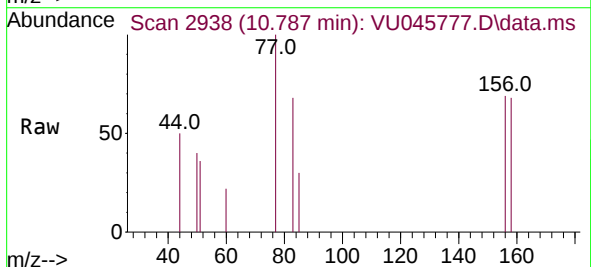
Instrument :
MSVOA_U
ClientSampleId :

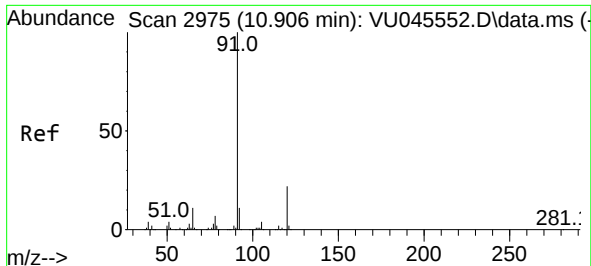
Tgt Ion: 75 Resp: 57855
Ion Ratio Lower Upper
75 100
77 1.2 17.1 51.3#



#77
Bromobenzene
Concen: 0.314 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

Tgt Ion:156 Resp: 545
Ion Ratio Lower Upper
156 100
77 172.8 91.1 273.4
158 99.1 47.9 143.6

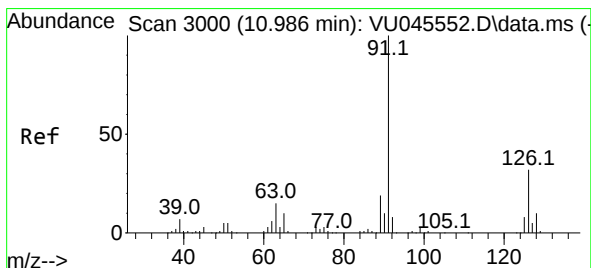
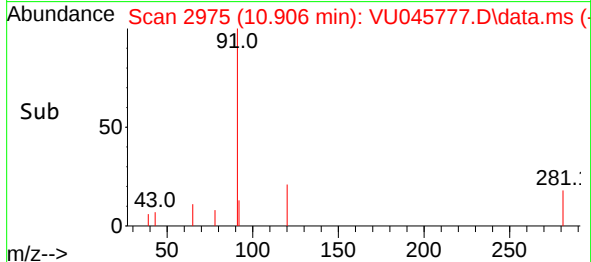
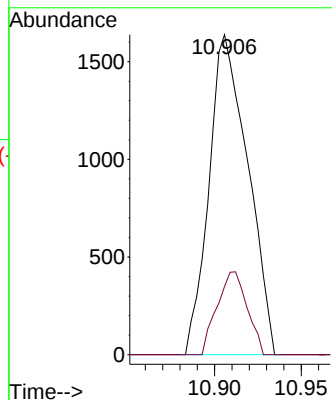
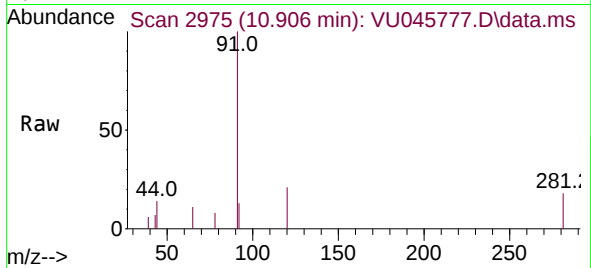




#78
n-propylbenzene
Concen: 0.286 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

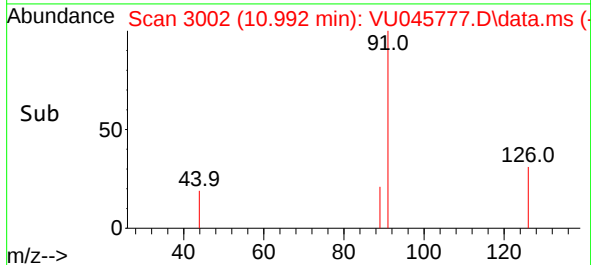
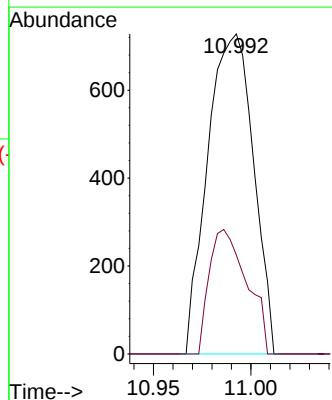
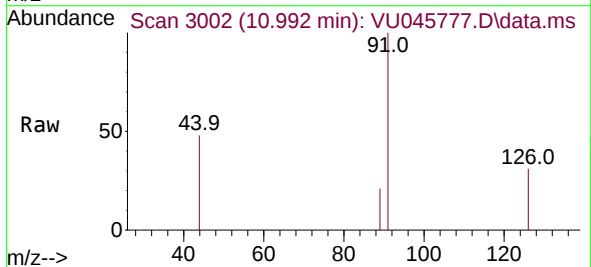
Instrument :
MSVOA_U
ClientSampleId :

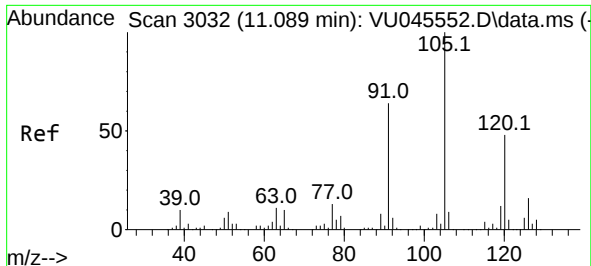
Tgt Ion: 91 Resp: 2547
Ion Ratio Lower Upper
91 100
120 20.1 10.9 32.7



#79
2-Chlorotoluene
Concen: 0.226 ug/l
RT: 10.992 min Scan# 3002
Delta R.T. 0.006 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

Tgt Ion: 91 Resp: 1190
Ion Ratio Lower Upper
91 100
126 31.9 15.6 46.8

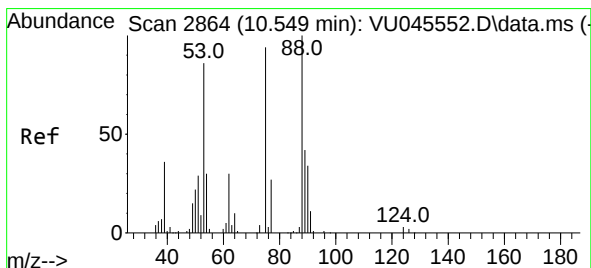
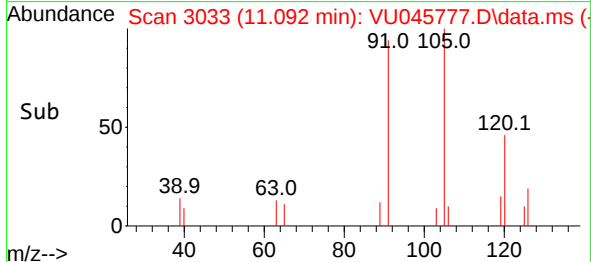
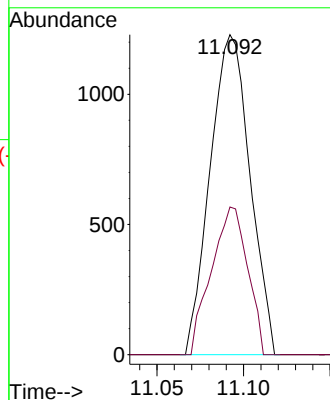
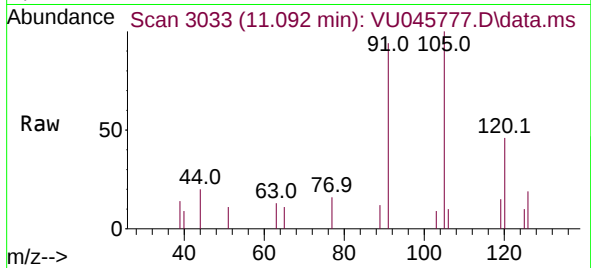




#80
1,3,5-Trimethylbenzene
Concen: 0.315 ug/l
RT: 11.092 min Scan# 3032
Delta R.T. 0.003 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

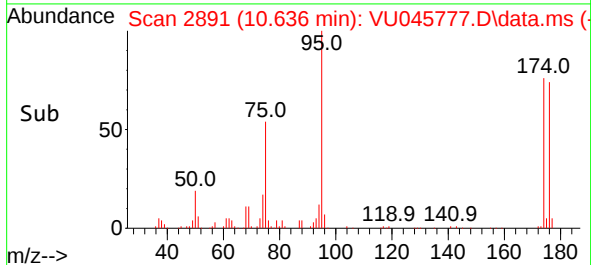
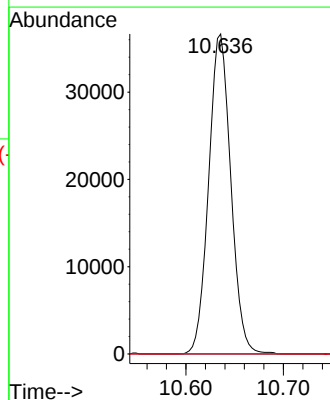
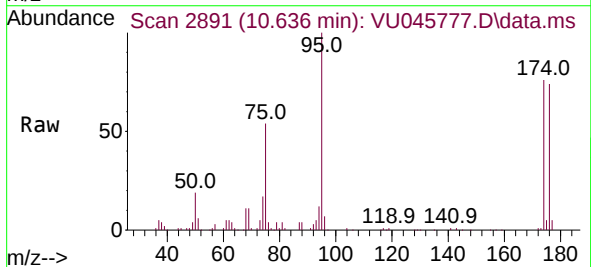
Instrument :
MSVOA_U
ClientSampleId :

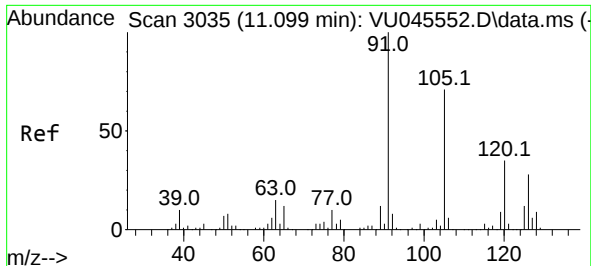
Tgt Ion:105 Resp: 1969
Ion Ratio Lower Upper
105 100
120 41.8 23.9 71.8



#81
trans-1,4-Dichloro-2-butene
Concen: 56.655 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

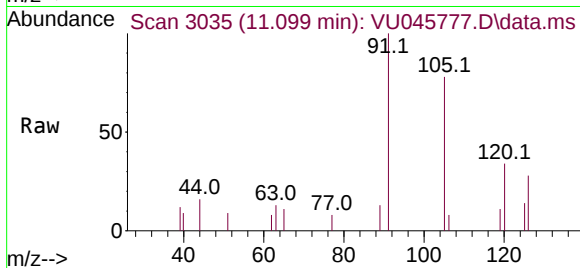
Tgt Ion: 75 Resp: 57855
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



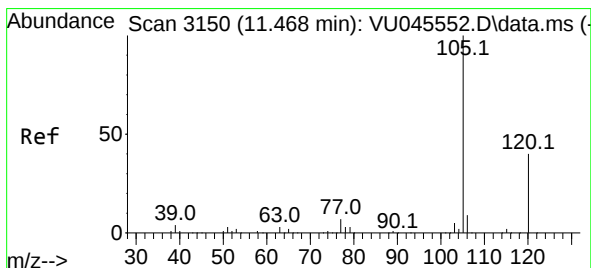
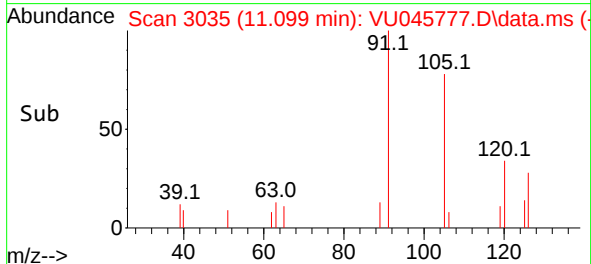
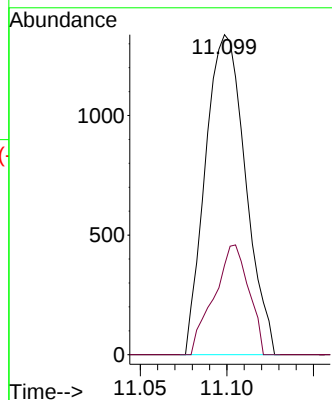


#82
4-Chlorotoluene
Concen: 0.349 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

Instrument :
MSVOA_U
ClientSampleId :

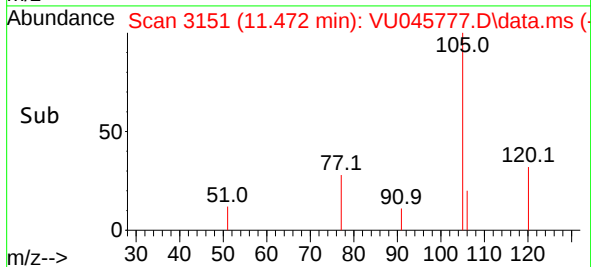
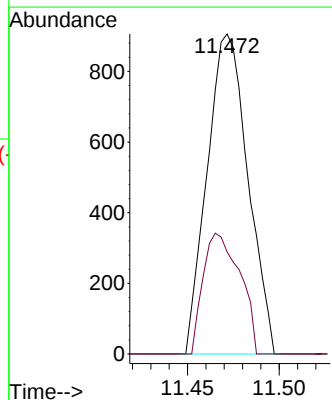
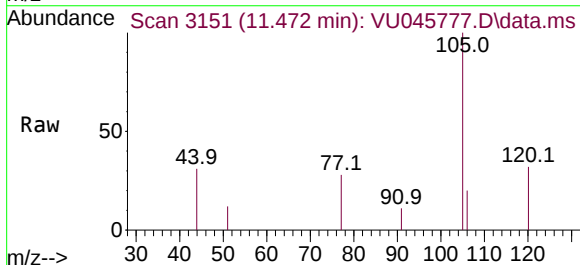


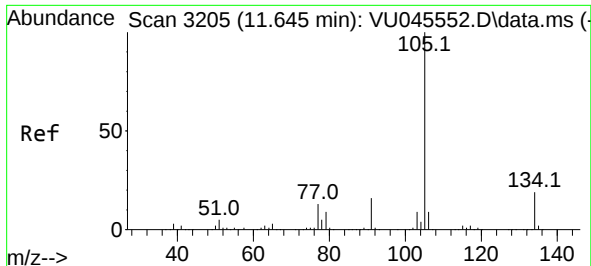
Tgt Ion: 91 Resp: 2154
Ion Ratio Lower Upper
91 100
126 29.7 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 0.225 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

Tgt Ion: 105 Resp: 1400
Ion Ratio Lower Upper
105 100
120 34.1 22.2 66.6

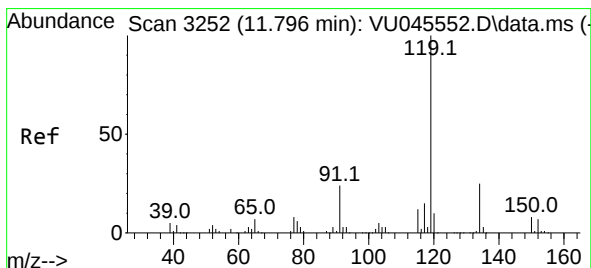
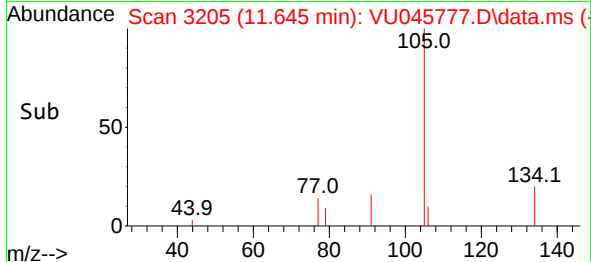
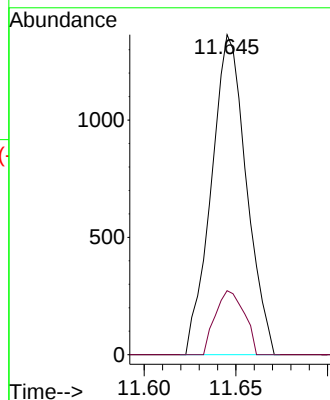
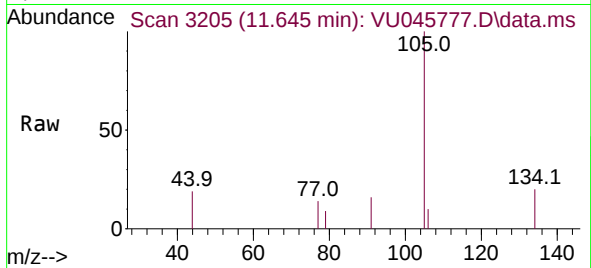




#85
 sec-Butylbenzene
 Concen: 0.229 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU045777.D
 Acq: 12 Nov 2021 18:16

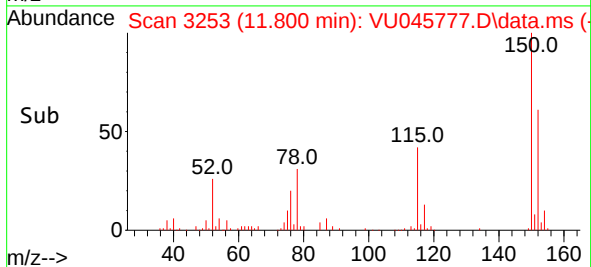
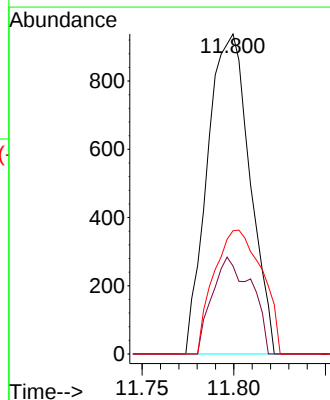
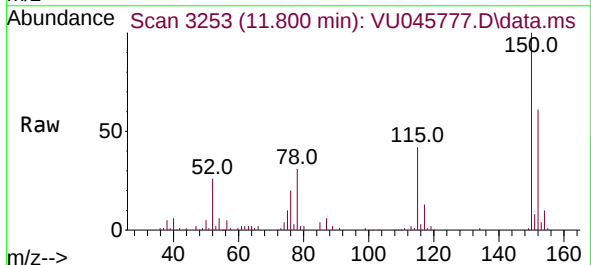
Instrument :
 MSVOA_U
 ClientSampleId :

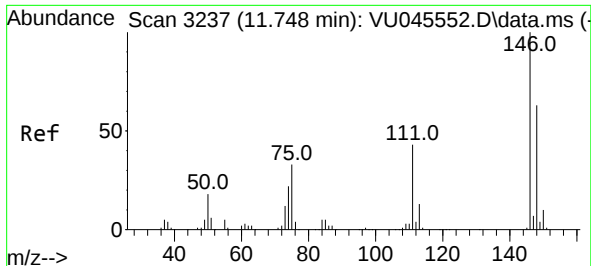
Tgt Ion:105 Resp: 1813
 Ion Ratio Lower Upper
 105 100
 134 16.5 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 0.228 ug/l
 RT: 11.800 min Scan# 3253
 Delta R.T. 0.003 min
 Lab File: VU045777.D
 Acq: 12 Nov 2021 18:16

Tgt Ion:119 Resp: 1506
 Ion Ratio Lower Upper
 119 100
 134 28.0 12.7 38.1
 91 43.9 12.2 36.4#





#87

1,3-Dichlorobenzene

Concen: 0.421 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

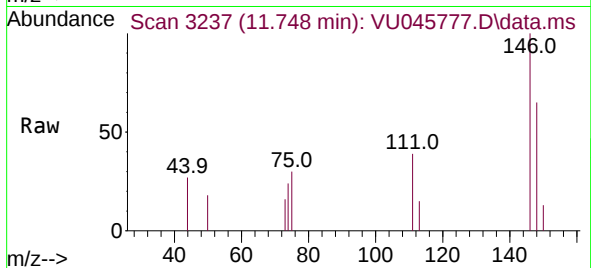
Lab File: VU045777.D

Acq: 12 Nov 2021 18:16

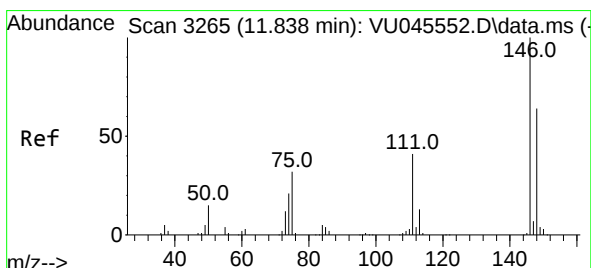
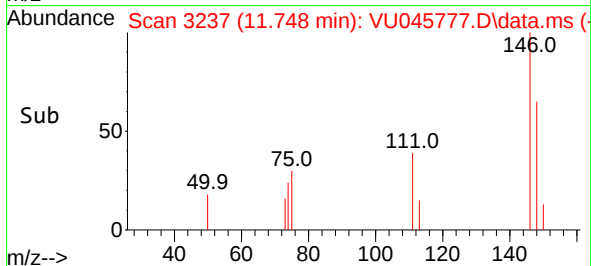
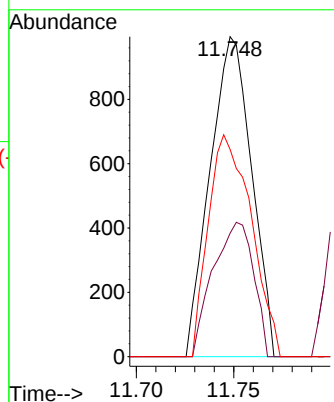
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	146	Resp:	1476
Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.3	63.9
148	71.7	31.7	95.1



#88

1,4-Dichlorobenzene

Concen: 0.416 ug/l

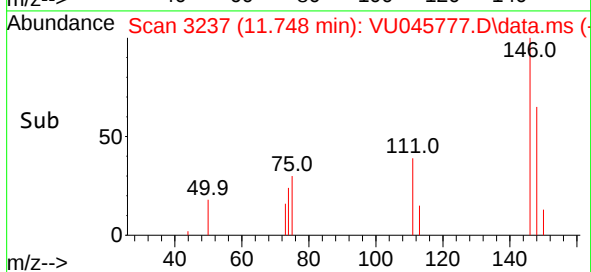
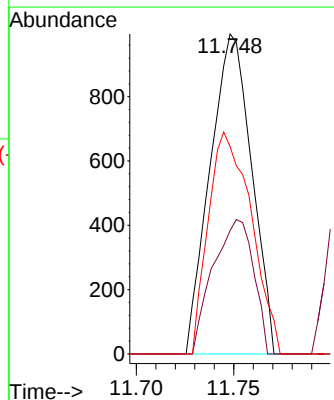
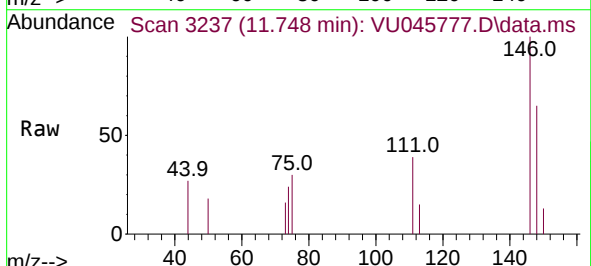
RT: 11.748 min Scan# 3237

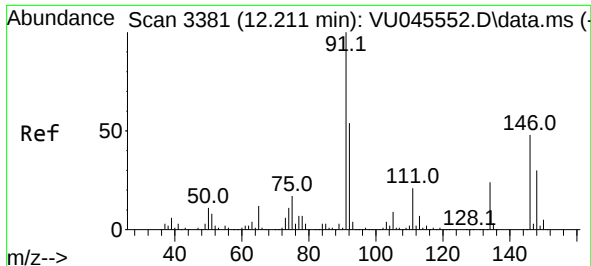
Delta R.T. -0.090 min

Lab File: VU045777.D

Acq: 12 Nov 2021 18:16

Tgt Ion:	146	Resp:	1476
Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.6	61.9
148	71.7	31.9	95.7





#89

n-Butylbenzene

Concen: 0.426 ug/l

RT: 12.214 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU045777.D

Acq: 12 Nov 2021 18:16

Instrument :

MSVOA_U

ClientSampleId :

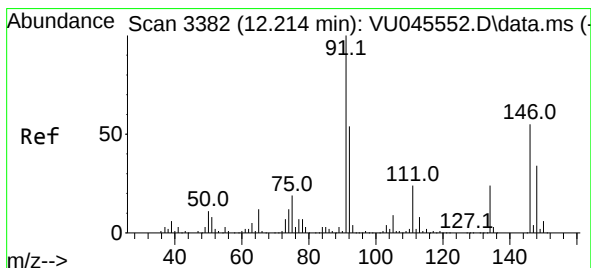
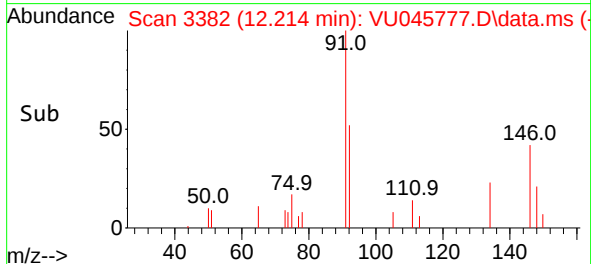
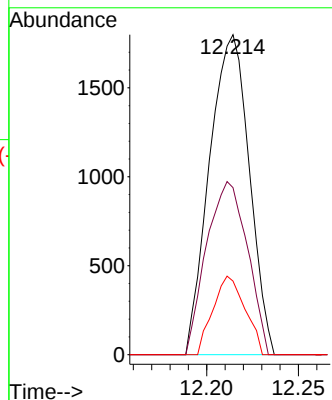
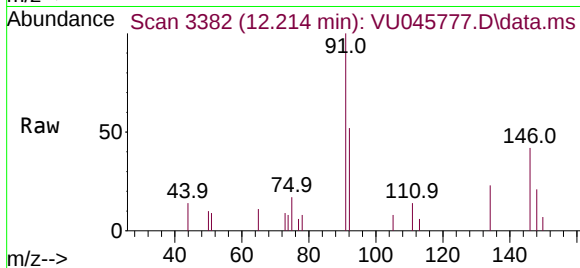
Tgt Ion: 91 Resp: 2709

Ion Ratio Lower Upper

91 100

92 55.7 27.1 81.2

134 19.8 11.8 35.4



#91

1,2-Dichlorobenzene

Concen: 0.363 ug/l

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU045777.D

Acq: 12 Nov 2021 18:16

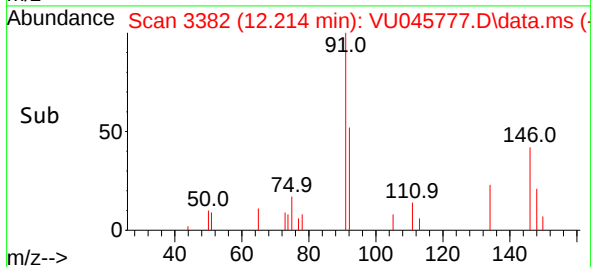
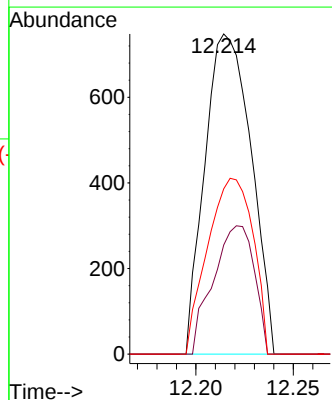
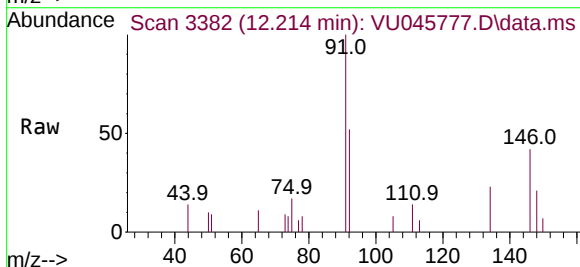
Tgt Ion:146 Resp: 1237

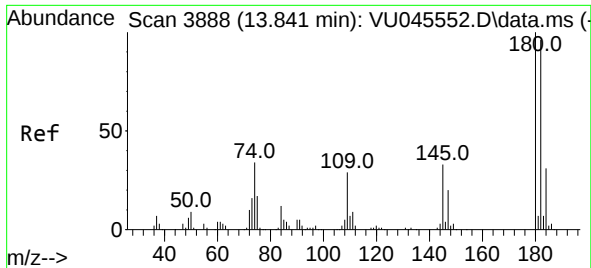
Ion Ratio Lower Upper

146 100

111 35.7 21.9 65.5

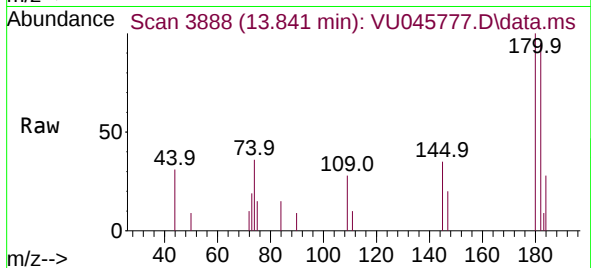
148 53.9 32.1 96.3



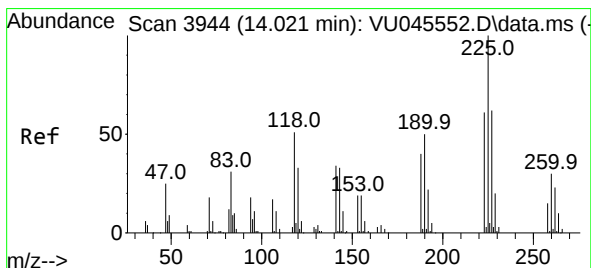
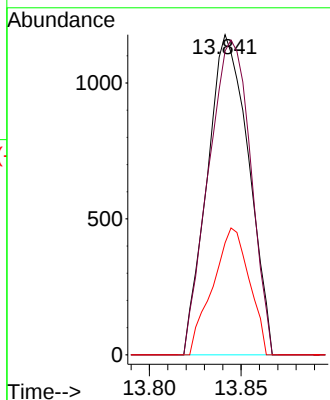
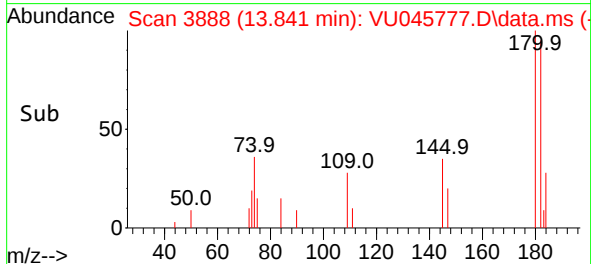


#93
 1,2,4-Trichlorobenzene
 Concen: 0.783 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU045777.D
 Acq: 12 Nov 2021 18:16

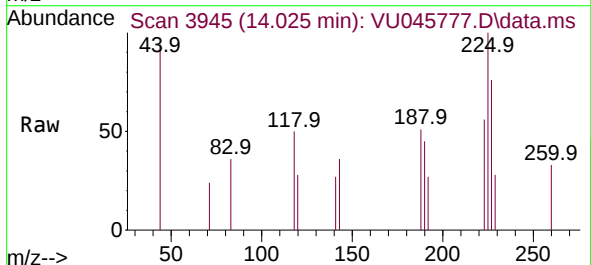
Instrument :
 MSVOA_U
 ClientSampleId :



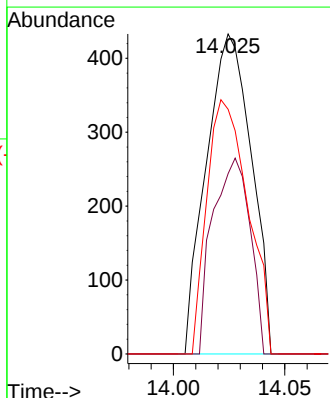
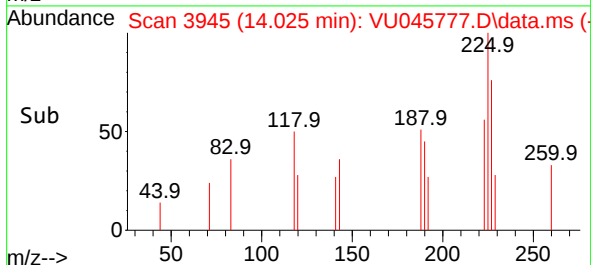
Tgt Ion:180 Resp: 1846
 Ion Ratio Lower Upper
 180 100
 182 100.2 47.0 141.2
 145 35.0 15.6 46.7

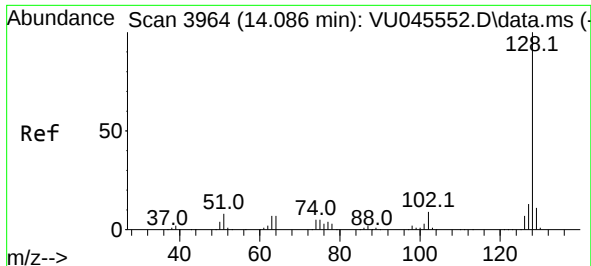


#94
 Hexachlorobutadiene
 Concen: 0.599 ug/l
 RT: 14.025 min Scan# 3945
 Delta R.T. 0.003 min
 Lab File: VU045777.D
 Acq: 12 Nov 2021 18:16



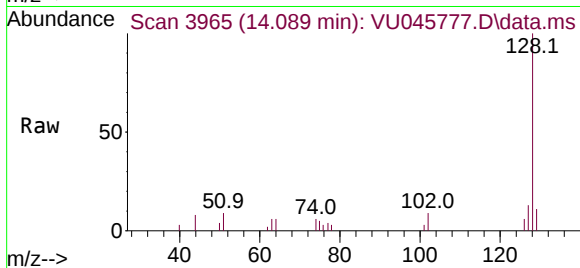
Tgt Ion:225 Resp: 610
 Ion Ratio Lower Upper
 225 100
 223 50.5 32.0 96.2
 227 72.5 31.1 93.5



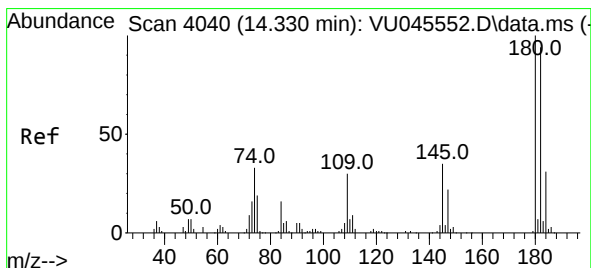
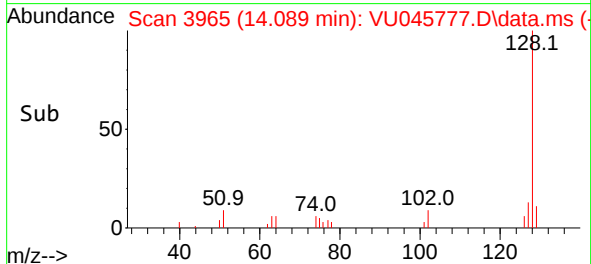
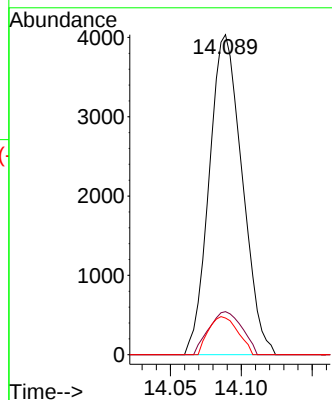


#95
Naphthalene
Concen: 1.750 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128	Resp:	6523
Ion	Ratio	Lower Upper
128	100	
127	13.6	10.6 15.8
129	10.6	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.782 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU045777.D
Acq: 12 Nov 2021 18:16

Tgt Ion:180	Resp:	1831
Ion	Ratio	Lower Upper
180	100	
182	105.5	47.7 143.1
145	32.6	16.7 50.0

