

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
 Data File : VU045935.D
 Acq On : 23 Nov 2021 00:16
 Operator : SY/MD
 Sample : M4775-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 06:50:03 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)

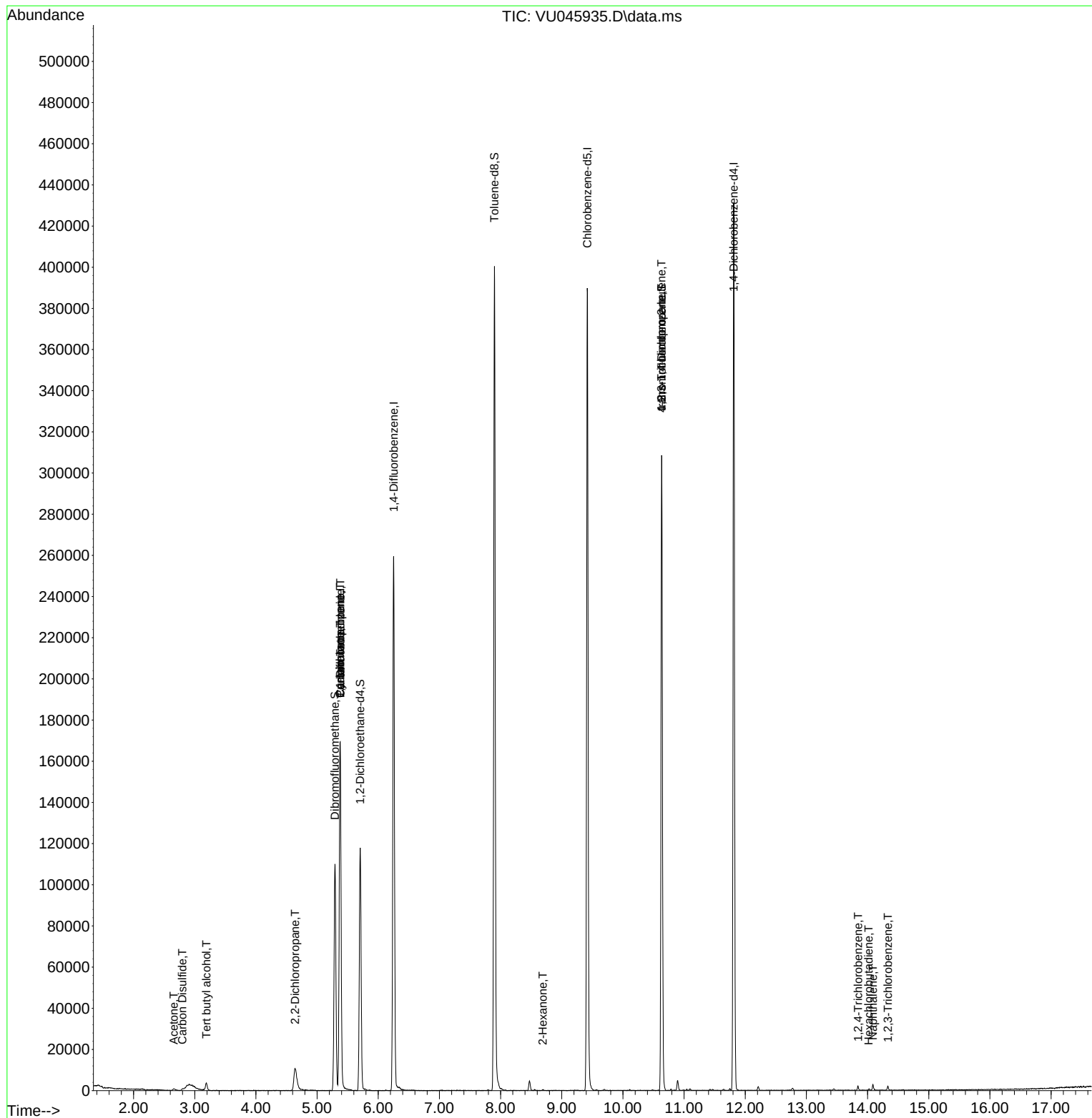
Internal Standards						
1) Pentafluorobenzene	5.378	168	115941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	211042	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	222404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	112141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	87957	50.656	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.320%	
35) Dibromofluoromethane	5.292	113	70576	50.089	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.180%	
50) Toluene-d8	7.899	98	275807	52.641	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.280%	
62) 4-Bromofluorobenzene	10.635	95	105188	50.066	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.192	59	2076	6.041	ug/l #	72
16) Acetone	2.658	43	1232	1.394	ug/l	92
17) Carbon Disulfide	2.796	76	895	0.251	ug/l #	75
26) 2,2-Dichloropropane	4.642	77	893	0.404	ug/l #	53
31) Cyclohexane	5.375	56	2347	0.926	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	10232	4.972	ug/l #	49
38) Carbon Tetrachloride	5.378	117	13004	6.268	ug/l #	15
59) 2-Hexanone	8.690	43	332	7.690	ug/l	88
76) 1,2,3-Trichloropropane	10.632	75	55659	16.367	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.632	75	55659	53.400	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.844	180	836	0.346	ug/l	90
94) Hexachlorobutadiene	14.018	225	232	0.223	ug/l	96
95) Naphthalene	14.089	128	2684	1.318	ug/l #	97
96) 1,2,3-Trichlorobenzene	14.333	180	832	0.347	ug/l	89

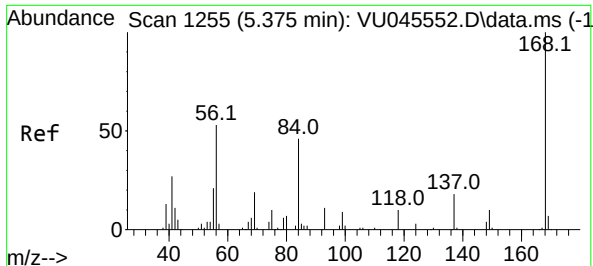
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 23 06:50:03 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

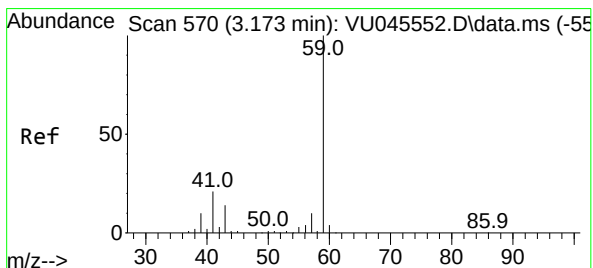
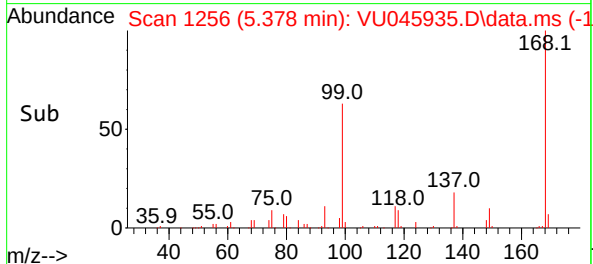
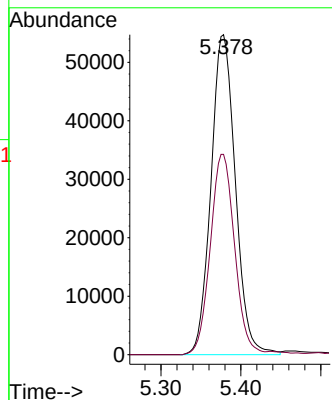
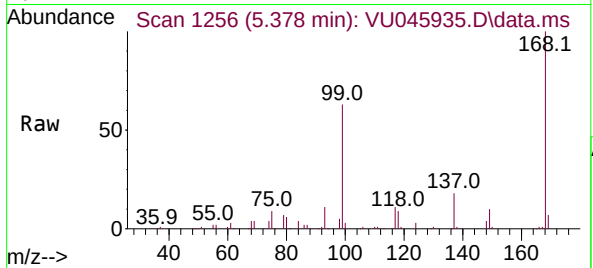




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045935.D
Acq: 23 Nov 2021 00:16

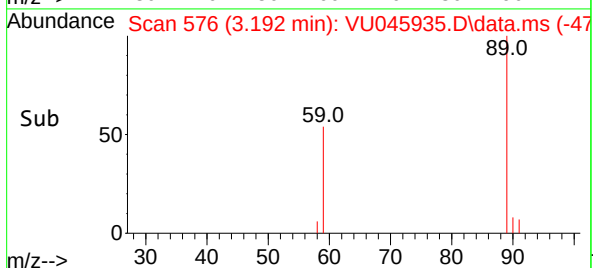
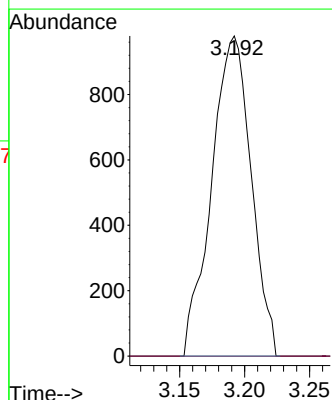
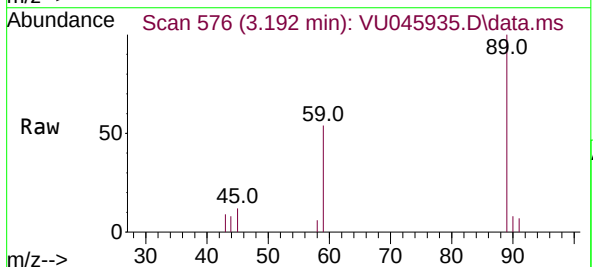
Instrument :
MSVOA_U
ClientSampleId :

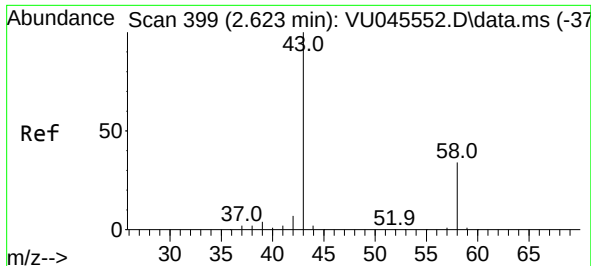
Tgt Ion:168 Resp: 115941
Ion Ratio Lower Upper
168 100
99 62.6 51.0 76.6



#11
Tert butyl alcohol
Concen: 6.041 ug/l
RT: 3.192 min Scan# 576
Delta R.T. 0.019 min
Lab File: VU045935.D
Acq: 23 Nov 2021 00:16

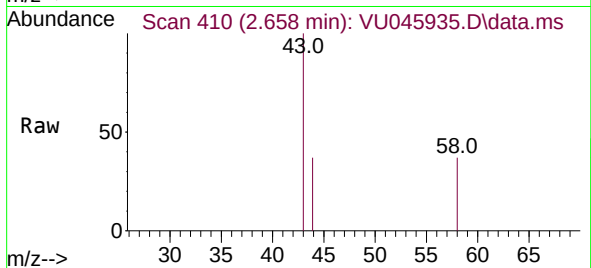
Tgt Ion: 59 Resp: 2076
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



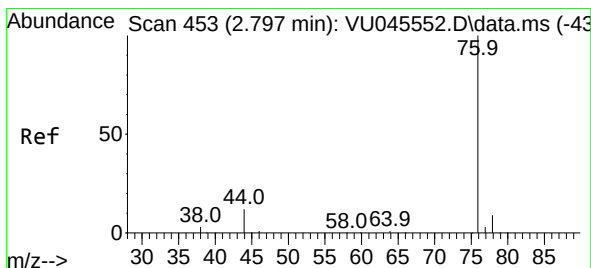
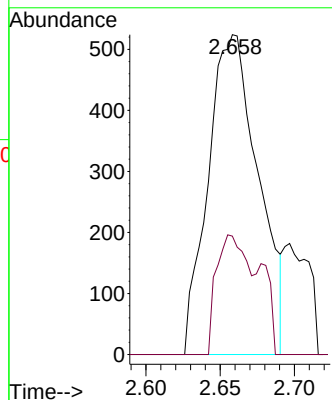
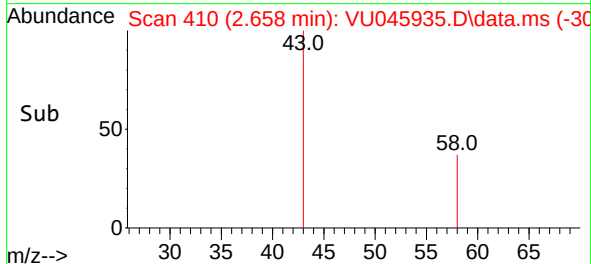


#16
Acetone
Concen: 1.394 ug/l
RT: 2.658 min Scan# 410
Delta R.T. 0.035 min
Lab File: VU045935.D
Acq: 23 Nov 2021 00:16

Instrument :
MSVOA_U
ClientSampleId :

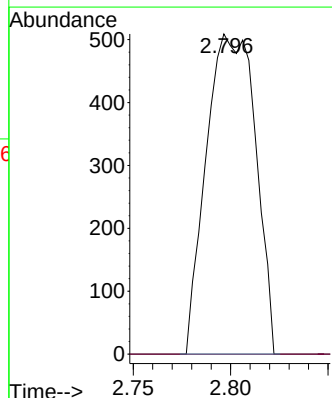
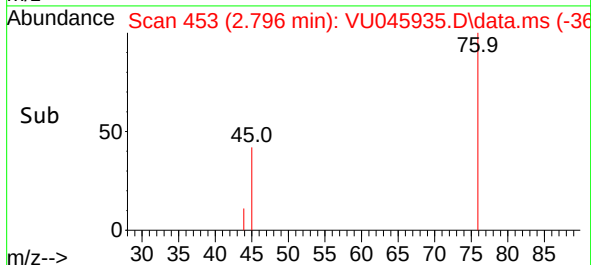
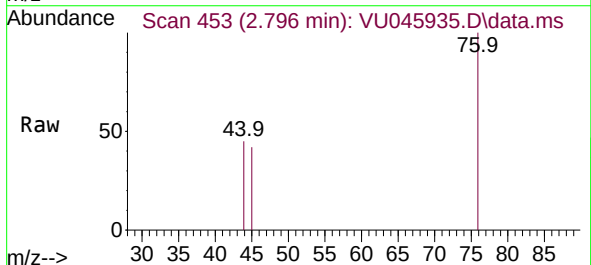


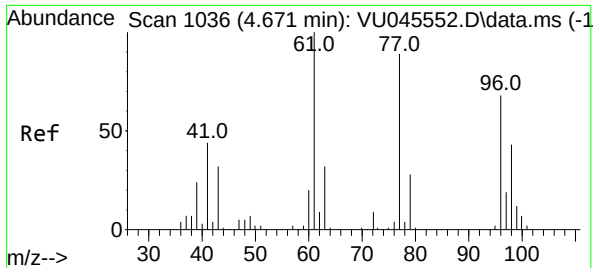
Tgt Ion: 43 Resp: 1232
Ion Ratio Lower Upper
43 100
58 37.0 26.2 39.2



#17
Carbon Disulfide
Concen: 0.251 ug/l
RT: 2.796 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU045935.D
Acq: 23 Nov 2021 00:16

Tgt Ion: 76 Resp: 895
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#





#26

2,2-Dichloropropane

Concen: 0.404 ug/l

RT: 4.642 min Scan# 1036

Delta R.T. -0.029 min

Lab File: VU045935.D

Acq: 23 Nov 2021 00:16

Instrument :

MSVOA_U

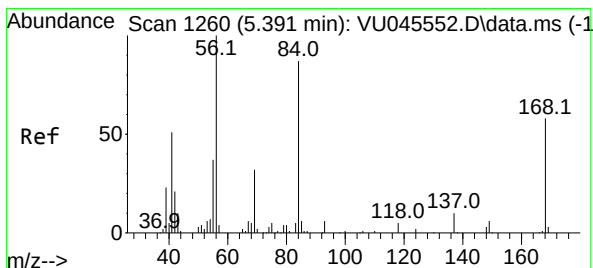
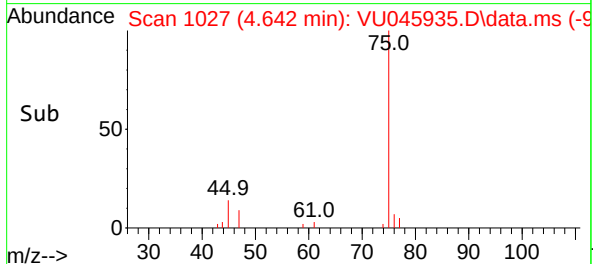
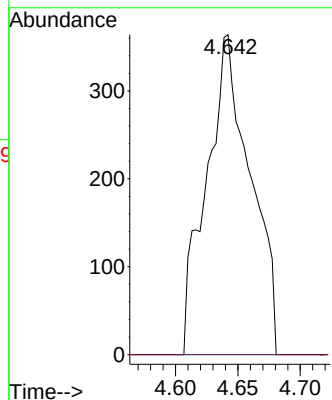
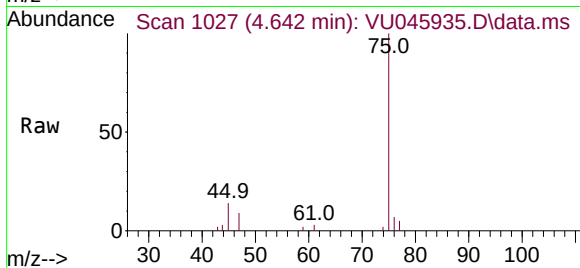
ClientSampleId :

Tgt Ion: 77 Resp: 893

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.1#



#31

Cyclohexane

Concen: 0.926 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.016 min

Lab File: VU045935.D

Acq: 23 Nov 2021 00:16

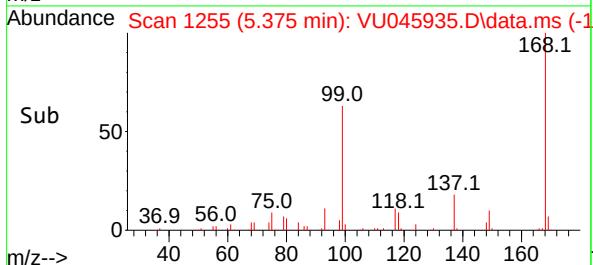
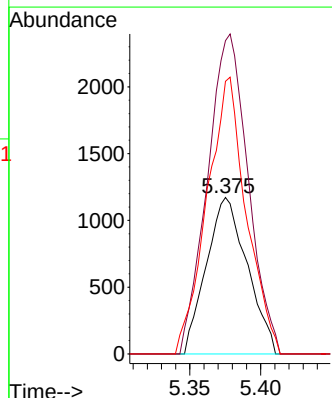
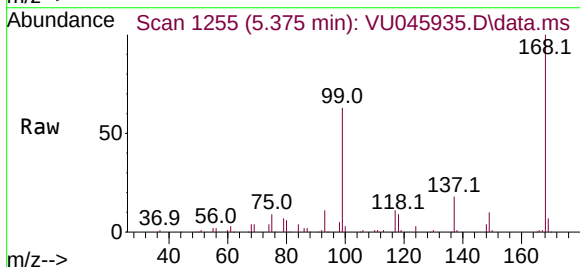
Tgt Ion: 56 Resp: 2347

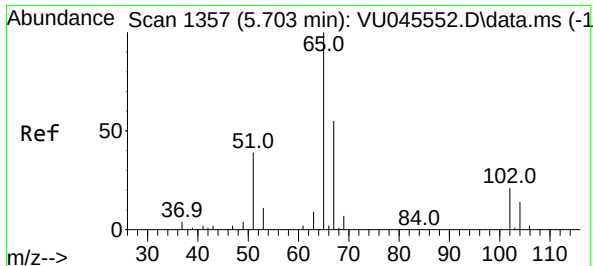
Ion Ratio Lower Upper

56 100

69 200.2 26.4 39.6#

84 174.1 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: 50.656 ug/l

RT: 5.703 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045935.D

Acq: 23 Nov 2021 00:16

Instrument :

MSVOA_U

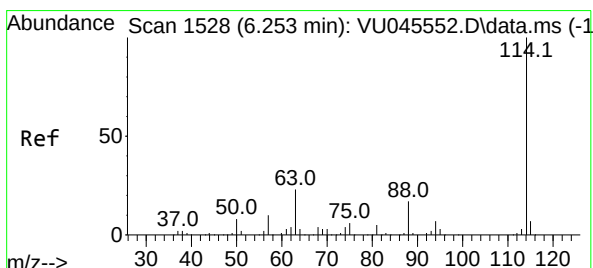
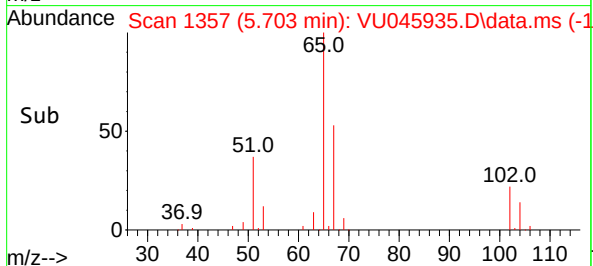
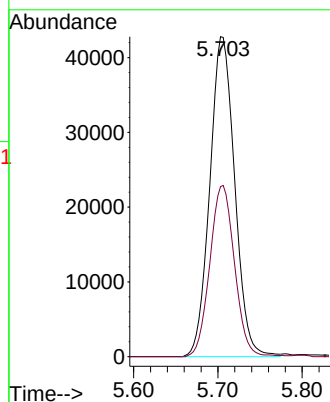
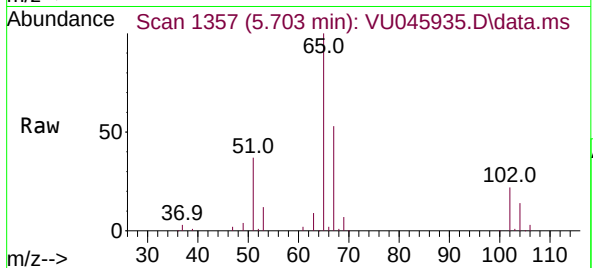
ClientSampleId :

Tgt Ion: 65 Resp: 87957

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VU045935.D

Acq: 23 Nov 2021 00:16

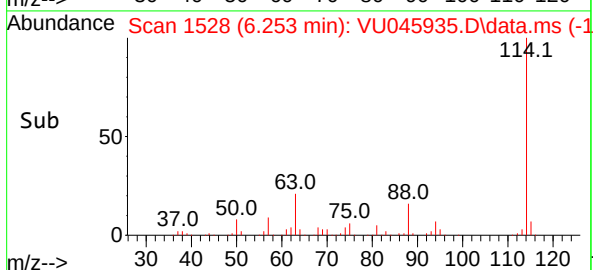
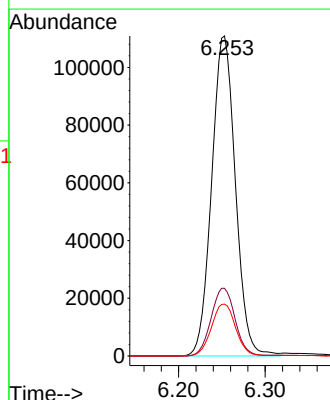
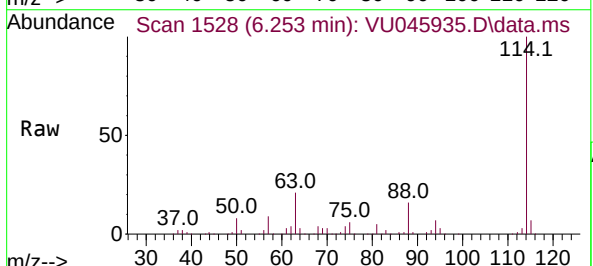
Tgt Ion: 114 Resp: 211042

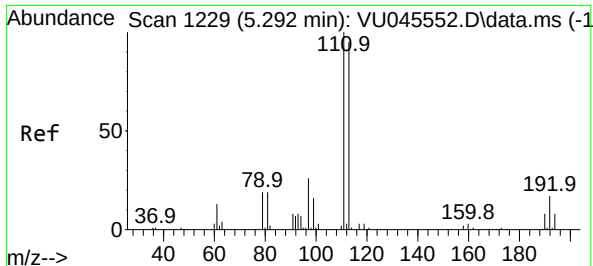
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.6

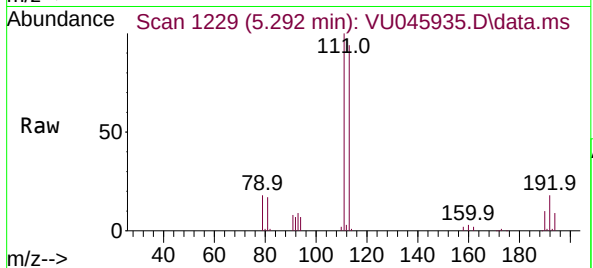
88 16.2 0.0 33.8



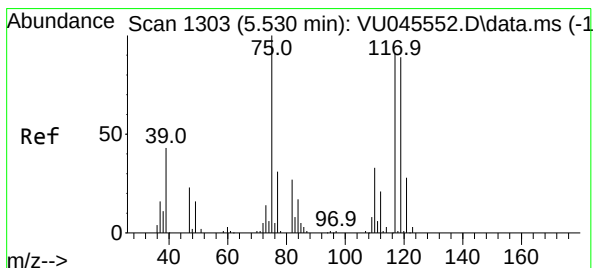
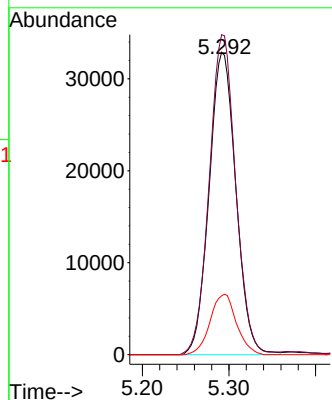
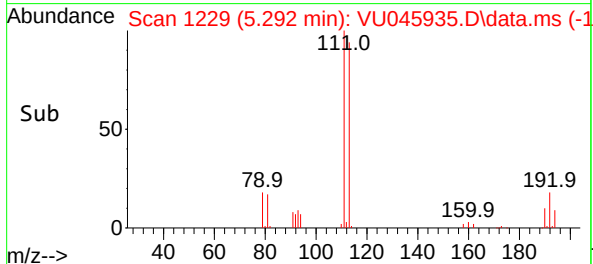


#35
Dibromofluoromethane
Concen: 50.089 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045935.D
Acq: 23 Nov 2021 00:16

Instrument :
MSVOA_U
ClientSampleId :

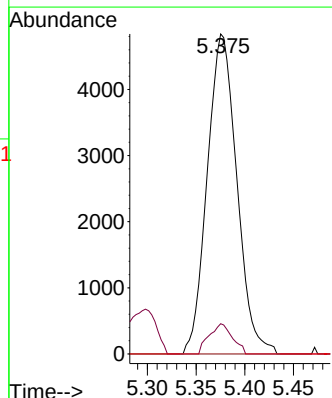
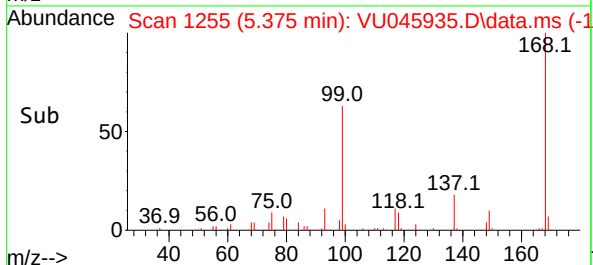
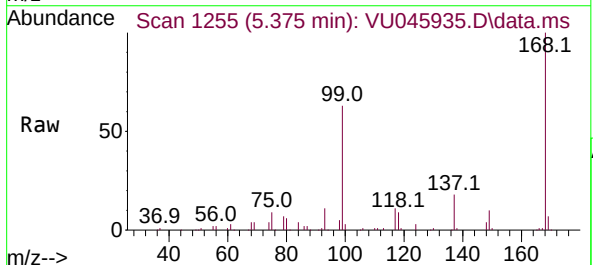


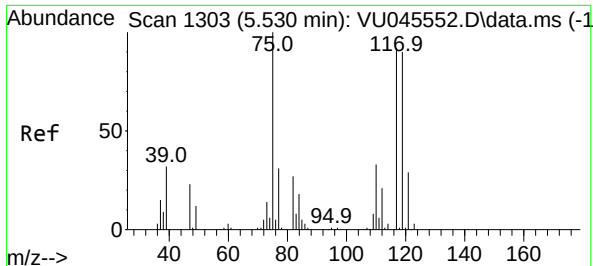
Tgt Ion:113 Resp: 70576
Ion Ratio Lower Upper
113 100
111 104.3 82.8 124.2
192 19.7 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.972 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045935.D
Acq: 23 Nov 2021 00:16

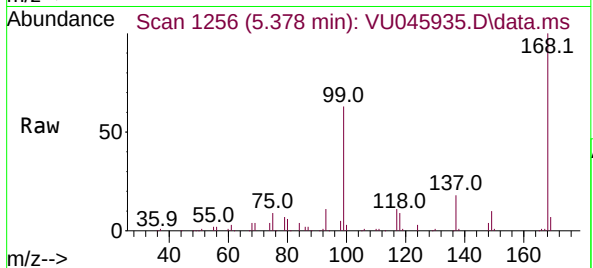
Tgt Ion: 75 Resp: 10232
Ion Ratio Lower Upper
75 100
110 7.4 16.7 50.0#
77 0.0 25.0 37.4#



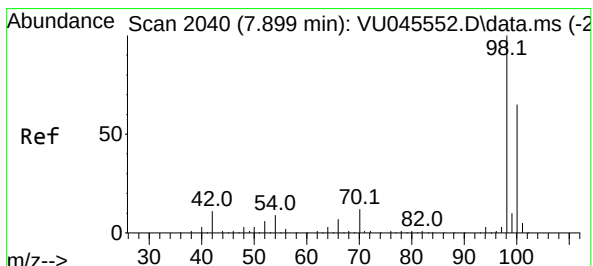
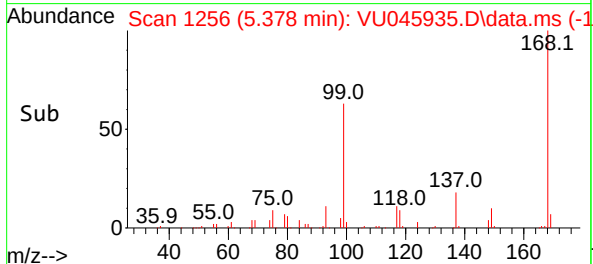
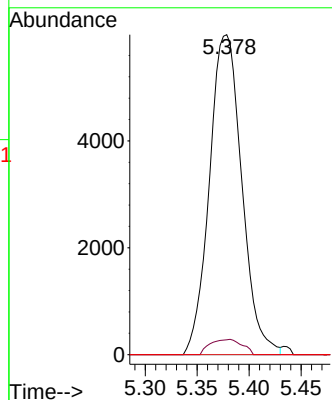


#38
Carbon Tetrachloride
Concen: 6.268 ug/l
RT: 5.378 min Scan# 117
Delta R.T. -0.151 min
Lab File: VU045935.D
Acq: 23 Nov 2021 00:16

Instrument :
MSVOA_U
ClientSampleId :

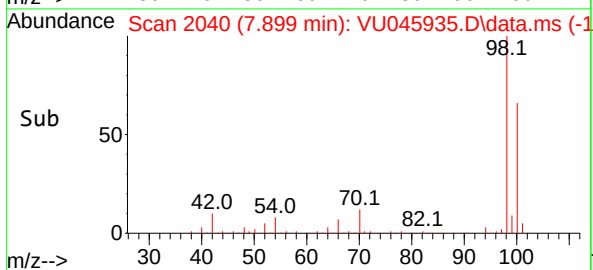
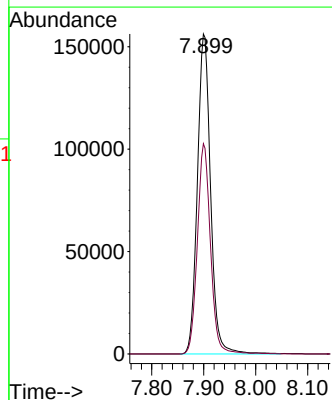
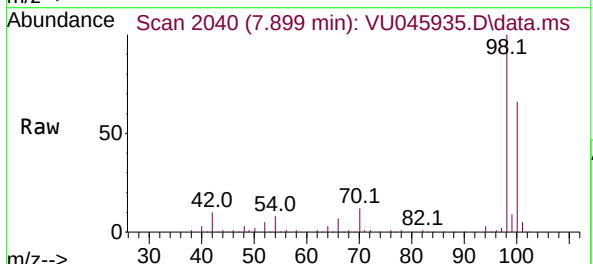


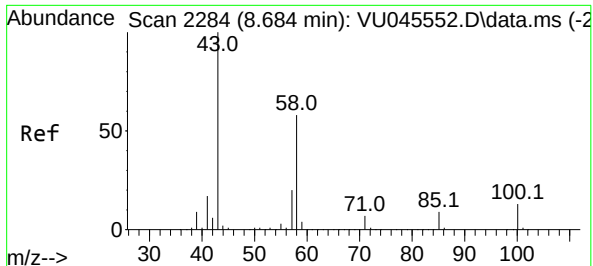
Tgt Ion:117 Resp: 13004
Ion Ratio Lower Upper
117 100
119 4.6 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.641 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045935.D
Acq: 23 Nov 2021 00:16

Tgt Ion: 98 Resp: 275807
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7





#59

2-Hexanone

Concen: 7.690 ug/l

RT: 8.690 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU045935.D

Acq: 23 Nov 2021 00:16

Instrument :

MSVOA_U

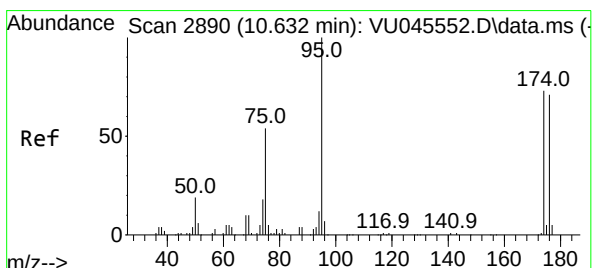
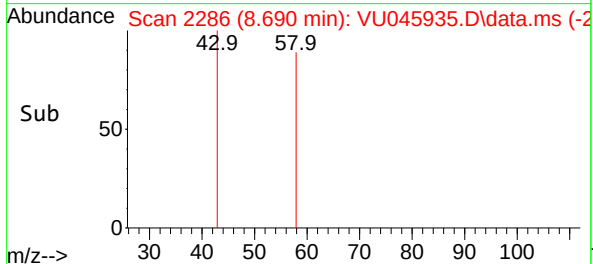
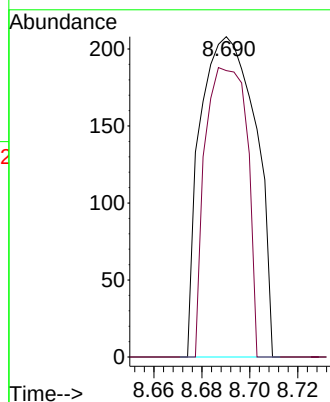
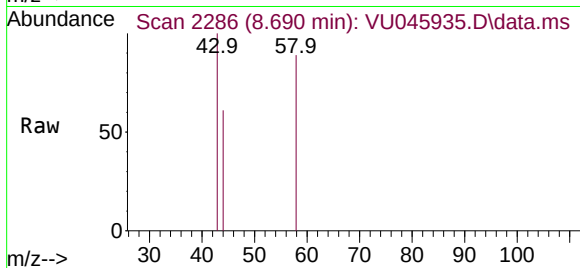
ClientSampleId :

Tgt Ion: 43 Resp: 332

Ion Ratio Lower Upper

43 100

58 67.8 29.5 88.6



#62

4-Bromofluorobenzene

Concen: 50.066 ug/l

RT: 10.635 min Scan# 2891

Delta R.T. 0.003 min

Lab File: VU045935.D

Acq: 23 Nov 2021 00:16

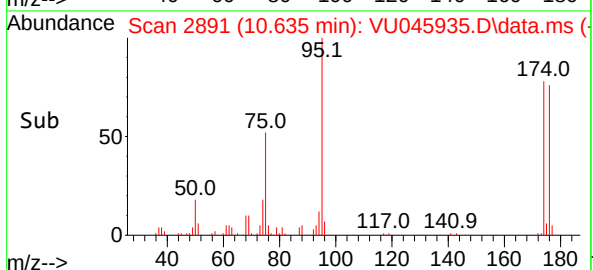
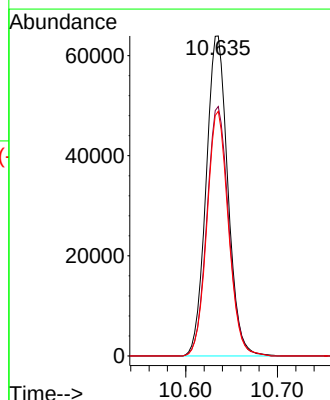
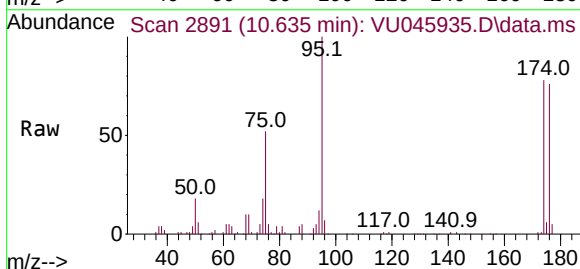
Tgt Ion: 95 Resp: 105188

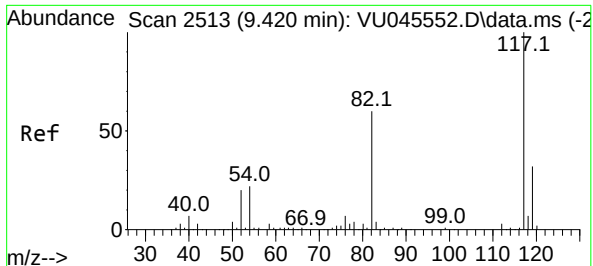
Ion Ratio Lower Upper

95 100

174 78.6 0.0 141.8

176 75.6 0.0 138.2

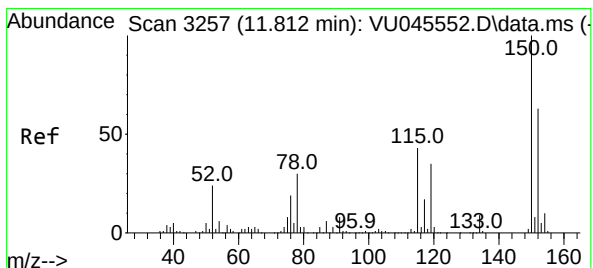
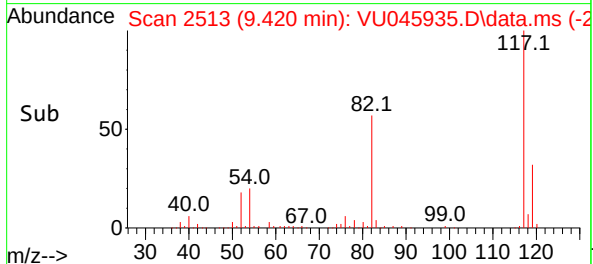
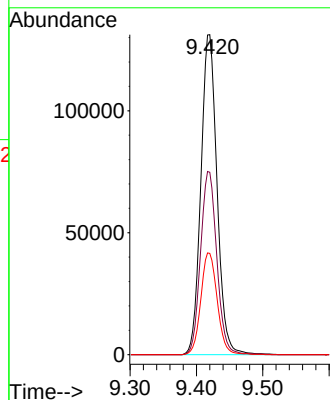
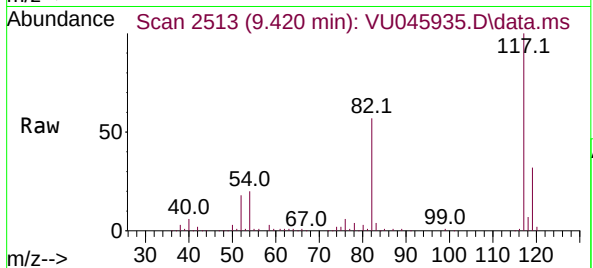




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045935.D
Acq: 23 Nov 2021 00:16

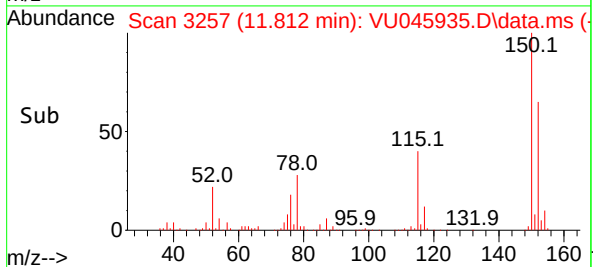
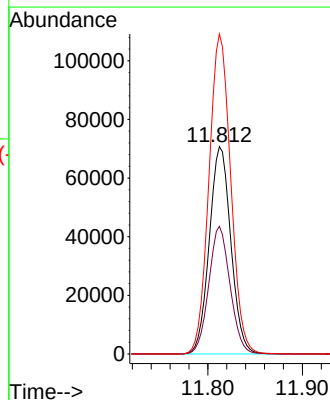
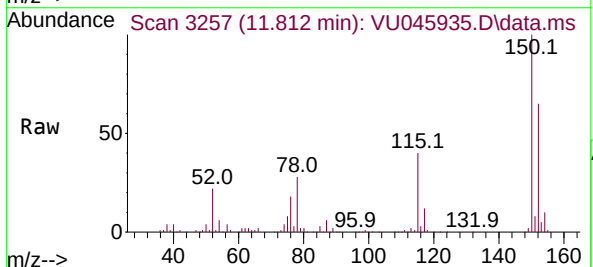
Instrument :
MSVOA_U
ClientSampleId :

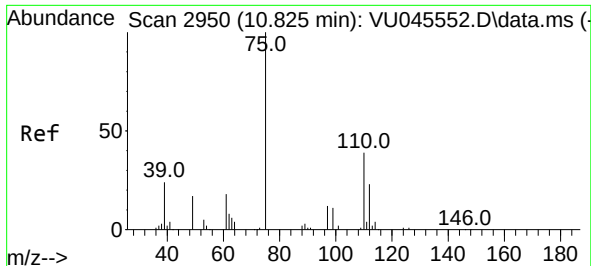
Tgt Ion:117 Resp: 222404
Ion Ratio Lower Upper
117 100
82 57.0 47.8 71.8
119 31.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.000 min
Lab File: VU045935.D
Acq: 23 Nov 2021 00:16

Tgt Ion:152 Resp: 112141
Ion Ratio Lower Upper
152 100
115 60.6 42.7 128.1
150 155.4 0.0 346.8

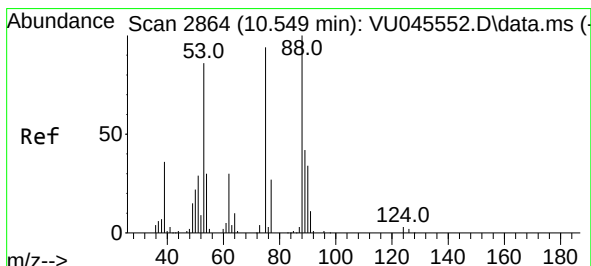
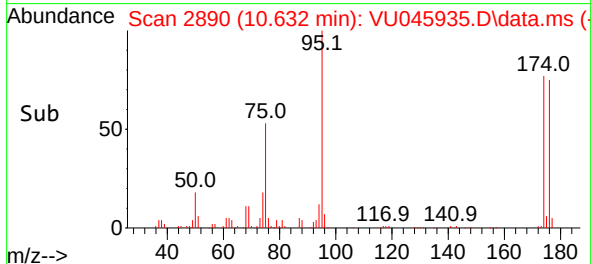
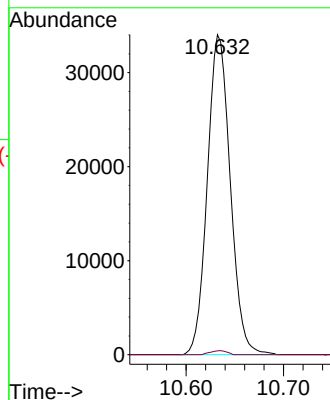
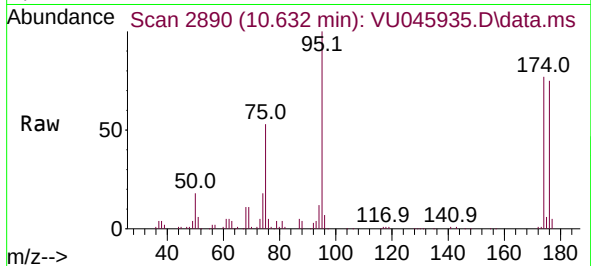




#76
1,2,3-Trichloropropane
Concen: 16.367 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.193 min
Lab File: VU045935.D
Acq: 23 Nov 2021 00:16

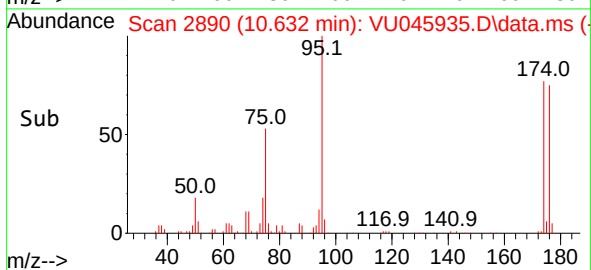
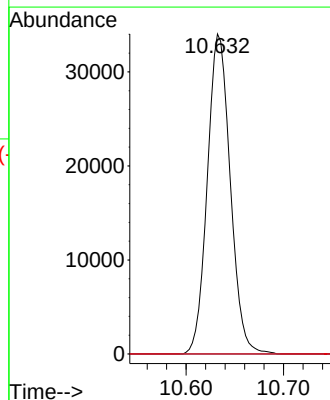
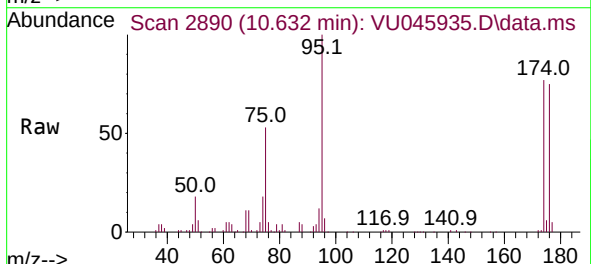
Instrument :
MSVOA_U
ClientSampleId :

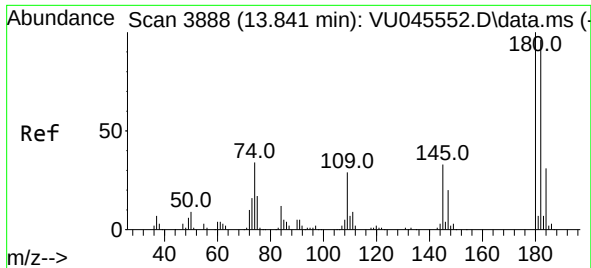
Tgt Ion: 75 Resp: 55659
Ion Ratio Lower Upper
75 100
77 0.9 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.400 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.083 min
Lab File: VU045935.D
Acq: 23 Nov 2021 00:16

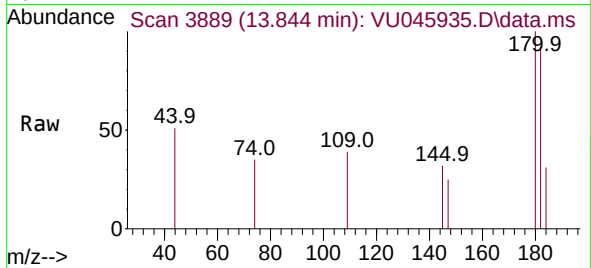
Tgt Ion: 75 Resp: 55659
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



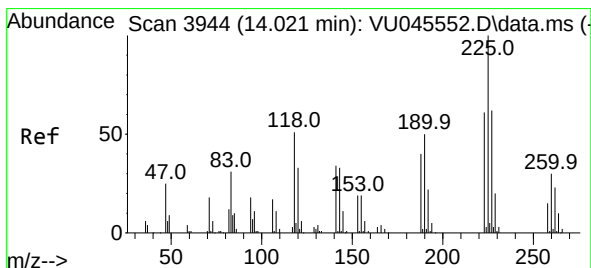
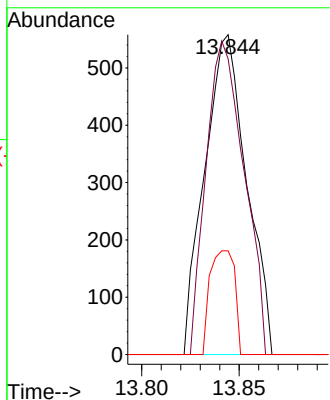
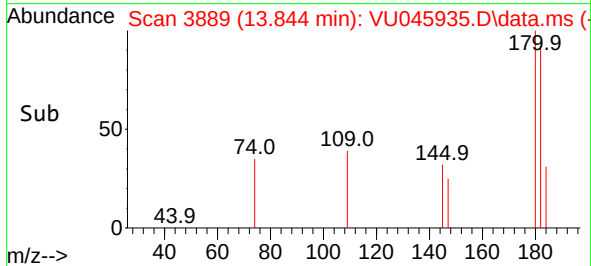


#93
1,2,4-Trichlorobenzene
Concen: 0.346 ug/l
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU045935.D
Acq: 23 Nov 2021 00:16

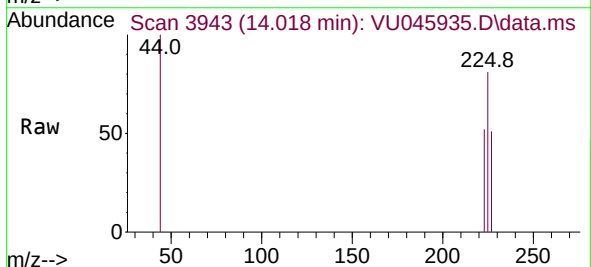
Instrument :
MSVOA_U
ClientSampleId :



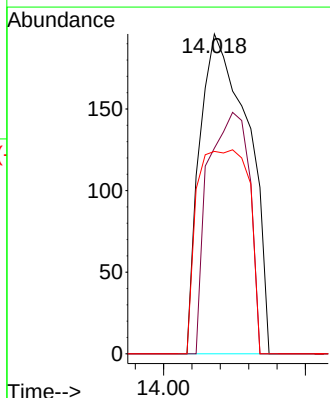
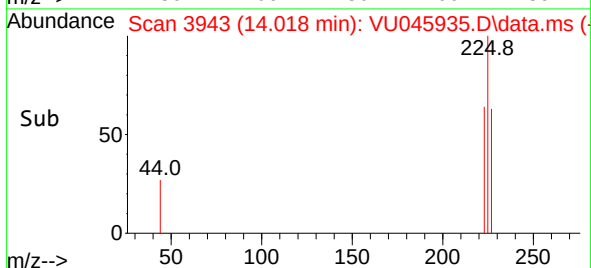
Tgt Ion:180 Resp: 836
Ion Ratio Lower Upper
180 100
182 88.8 47.0 141.2
145 19.0 15.6 46.7

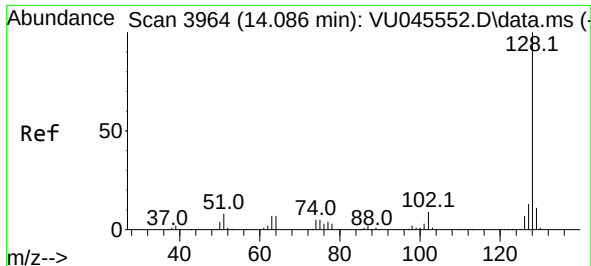


#94
Hexachlorobutadiene
Concen: 0.223 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.003 min
Lab File: VU045935.D
Acq: 23 Nov 2021 00:16



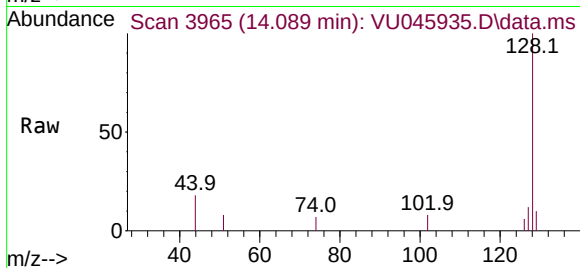
Tgt Ion:225 Resp: 232
Ion Ratio Lower Upper
225 100
223 64.2 32.0 96.2
227 68.1 31.1 93.5



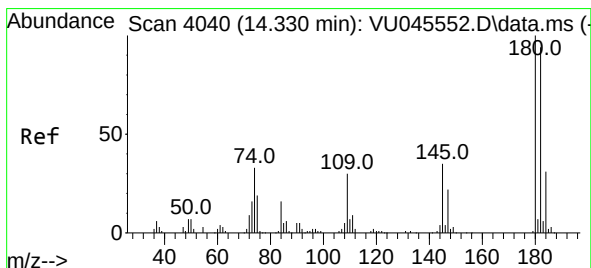
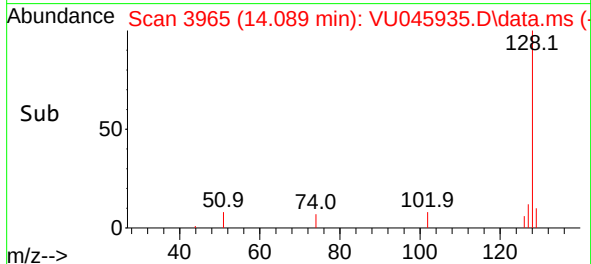
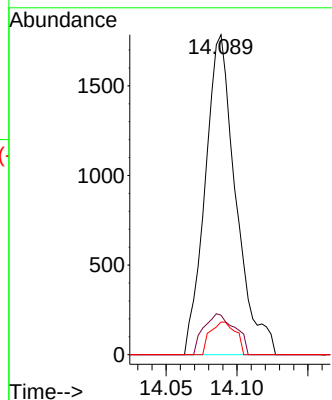


#95
Naphthalene
Concen: 1.318 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU045935.D
Acq: 23 Nov 2021 00:16

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 2684
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 8.4 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.347 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU045935.D
Acq: 23 Nov 2021 00:16

Tgt Ion:180 Resp: 832
Ion Ratio Lower Upper
180 100
182 87.3 47.7 143.1
145 22.5 16.7 50.0

