

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045562.D
 Acq On : 05 Nov 2021 16:35
 Operator : SY/MD
 Sample : M4454-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 11221-B

Quant Time: Nov 05 17:07:12 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)

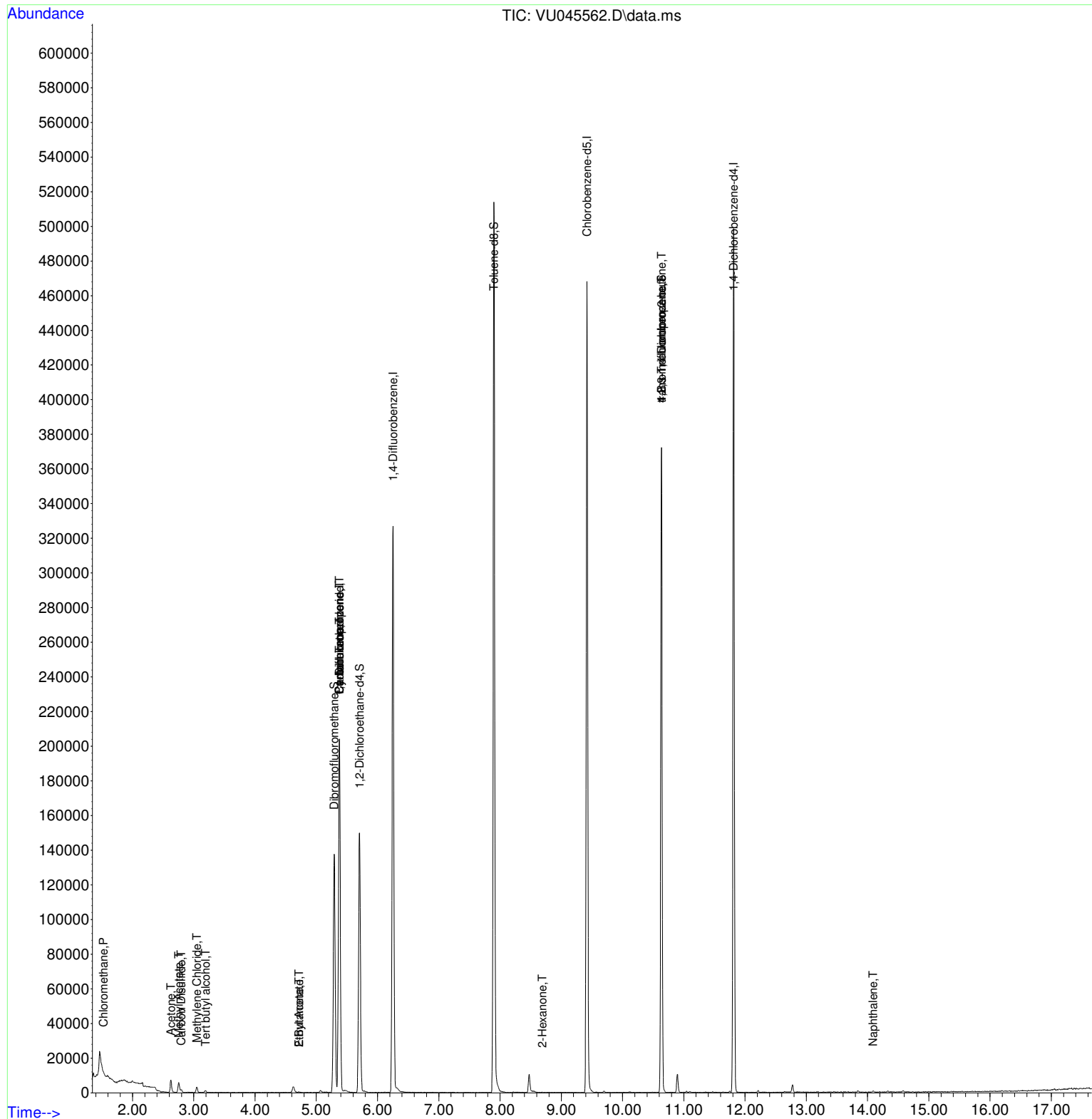
Internal Standards						
1) Pentafluorobenzene	5.379	168	136140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	261427	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	255759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	121777	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	111834	54.85	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.70%			
35) Dibromofluoromethane	5.292	113	87316	50.03	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.06%			
50) Toluene-d8	7.899	98	336705	51.88	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.76%			
62) 4-Bromofluorobenzene	10.636	95	124756	47.94	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.88%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	451	0.22	ug/l #	41
11) Tert butyl alcohol	3.192	59	649	1.61	ug/l #	72
16) Acetone	2.626	43	8013	7.72	ug/l	100
17) Carbon Disulfide	2.793	76	1954	0.47	ug/l	99
18) Methyl Acetate	2.755	43	1615	0.46	ug/l #	50
20) Methylene Chloride	3.051	84	1495	0.83	ug/l	91
25) 2-Butanone	4.716	43	611	0.42	ug/l #	47
31) Cyclohexane	5.379	56	3142	1.06	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	12171	4.77	ug/l #	49
37) Ethyl Acetate	4.716	43	611	0.21	ug/l #	67
38) Carbon Tetrachloride	5.379	117	14602	5.68	ug/l #	16
59) 2-Hexanone	8.687	43	133	7.59	ug/l	90
76) 1,2,3-Trichloropropane	10.636	75	65249	17.67	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	65249	57.41	ug/l #	12
95) Naphthalene	14.089	128	969	1.13	ug/l #	69

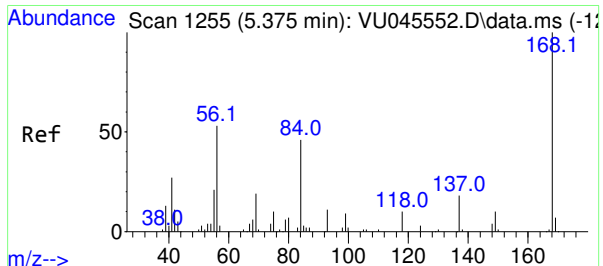
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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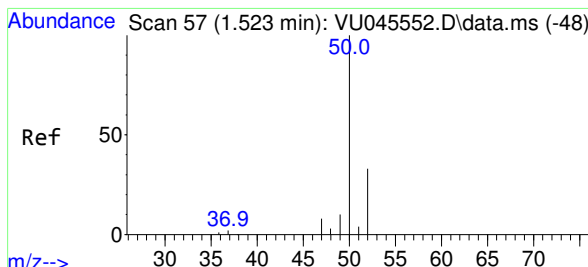
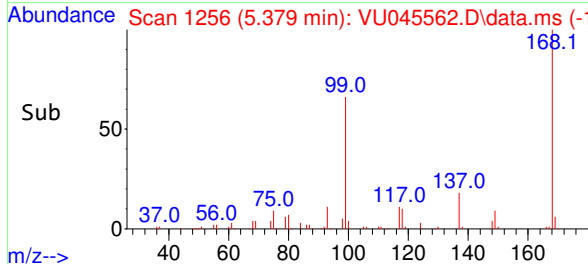
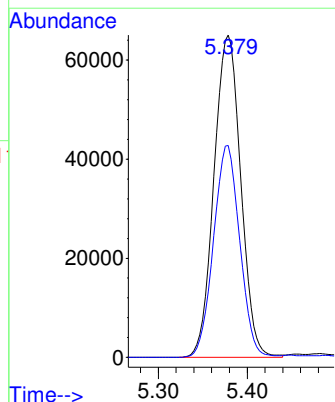
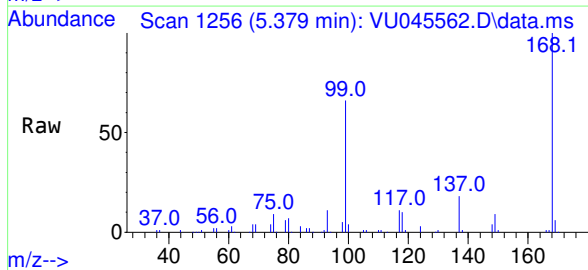




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.379 min Scan# 1
Delta R.T. 0.004 min
Lab File: VU045562.D
Acq: 05 Nov 2021 16:35

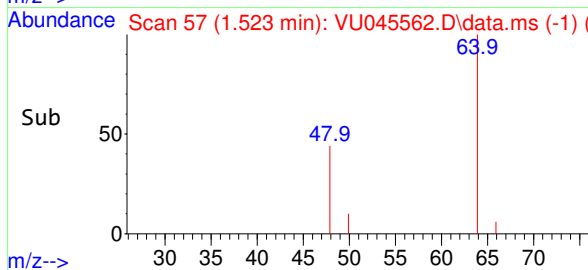
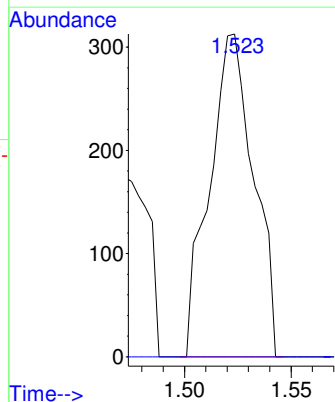
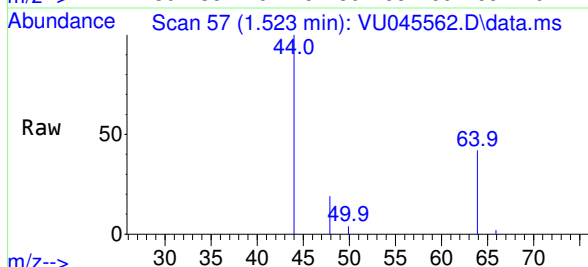
Instrument :
MSVOA_U
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11221-B

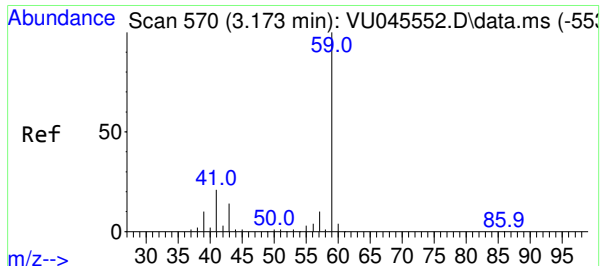
Tgt Ion:168 Resp: 136140
Ion Ratio Lower Upper
168 100
99 65.7 51.0 76.6



#3
Chloromethane
Concen: 0.22 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU045562.D
Acq: 05 Nov 2021 16:35

Tgt Ion: 50 Resp: 451
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

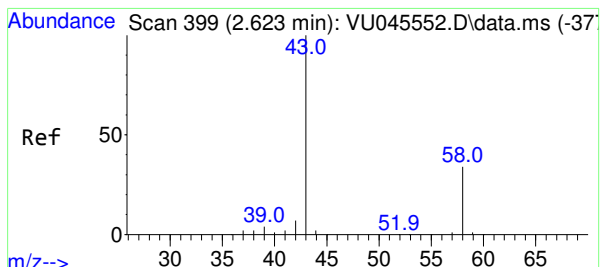
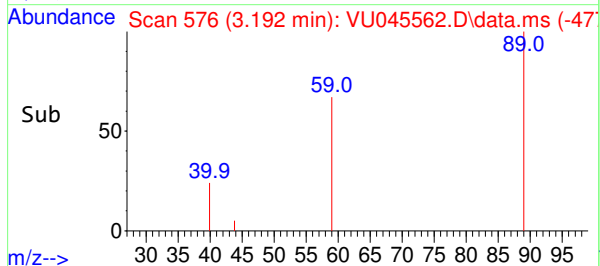
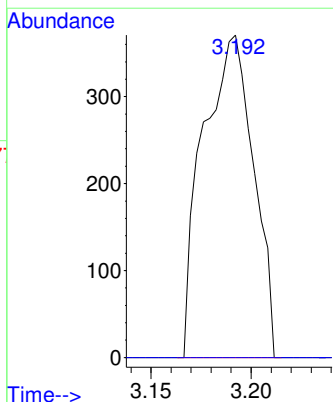
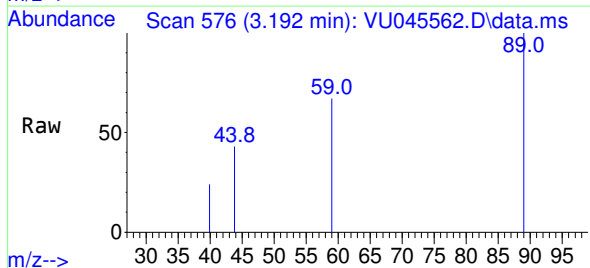




#11
Tert butyl alcohol
Concen: 1.61 ug/l
RT: 3.192 min Scan# 511
Delta R.T. 0.019 min
Lab File: VU045562.D
Acq: 05 Nov 2021 16:35

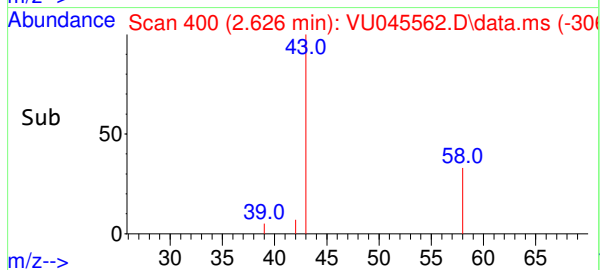
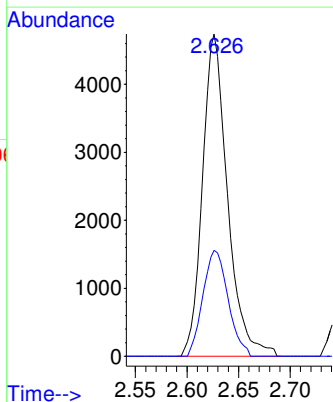
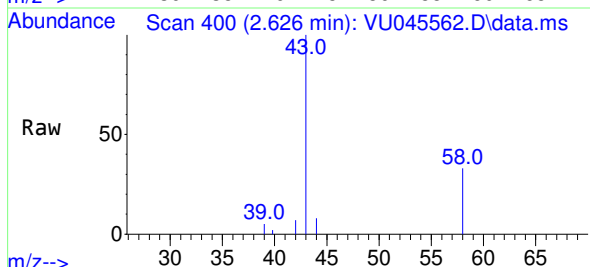
Instrument :
MSVOA_U
ClientSampleId :
11221-B

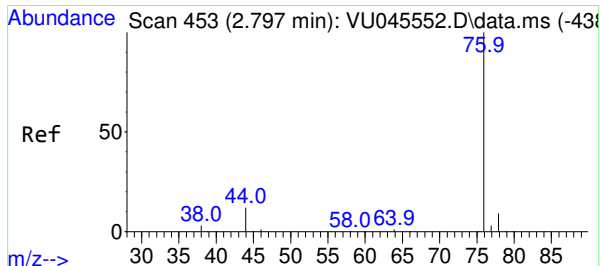
Tgt Ion: 59 Resp: 649
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 7.72 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045562.D
Acq: 05 Nov 2021 16:35

Tgt Ion: 43 Resp: 8013
Ion Ratio Lower Upper
43 100
58 32.9 26.2 39.2

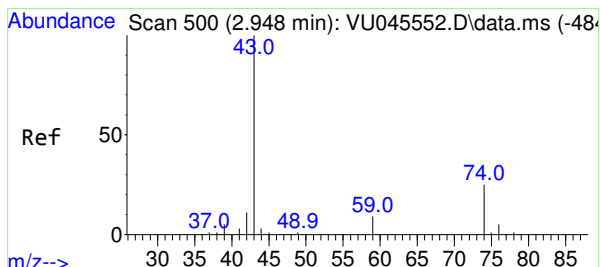
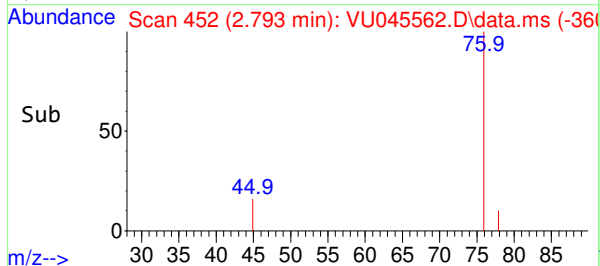
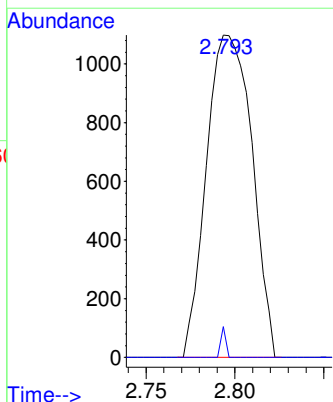
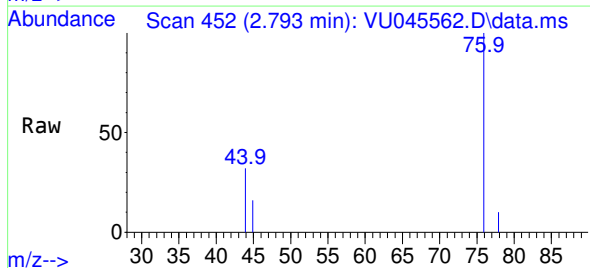




#17
Carbon Disulfide
Concen: 0.47 ug/l
RT: 2.793 min Scan# 411
Delta R.T. -0.003 min
Lab File: VU045562.D
Acq: 05 Nov 2021 16:35

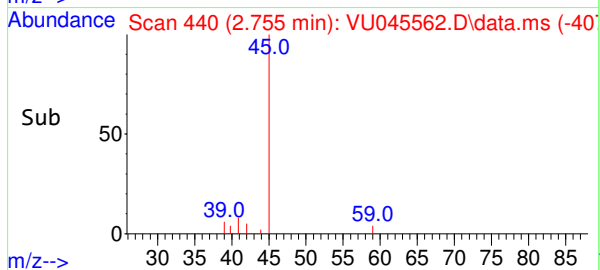
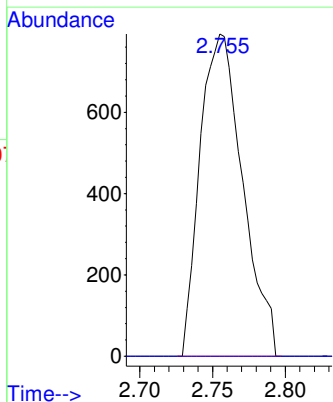
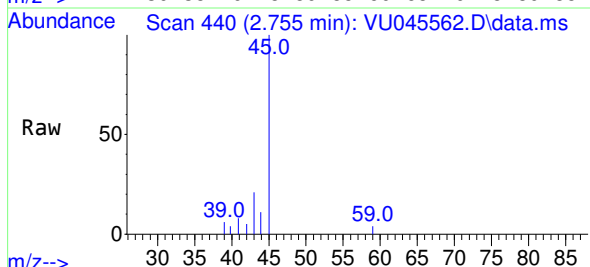
Instrument : MSVOA_U
ClientSampleId : 11221-B

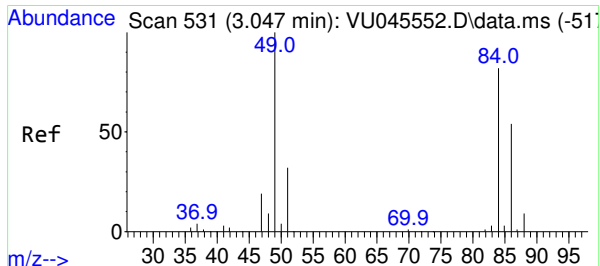
Tgt Ion: 76 Resp: 1954
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 0.46 ug/l
RT: 2.755 min Scan# 440
Delta R.T. -0.193 min
Lab File: VU045562.D
Acq: 05 Nov 2021 16:35

Tgt Ion: 43 Resp: 1615
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



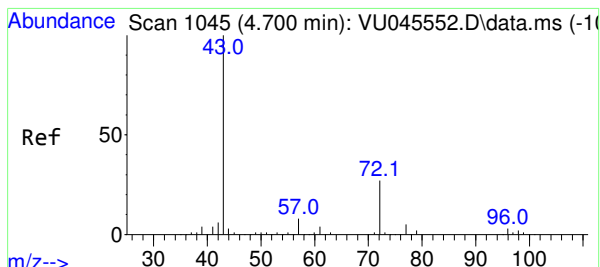
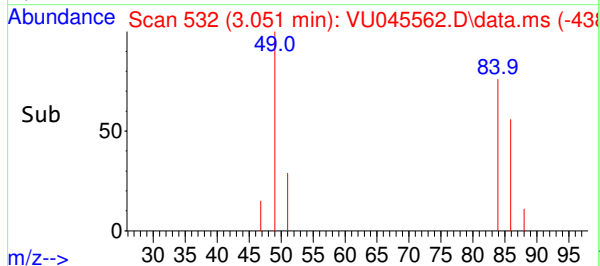
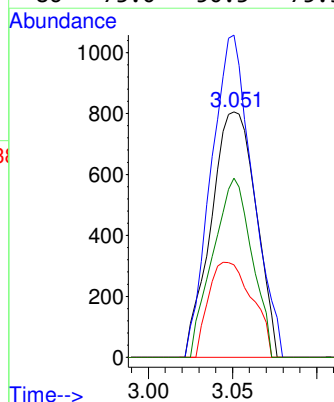
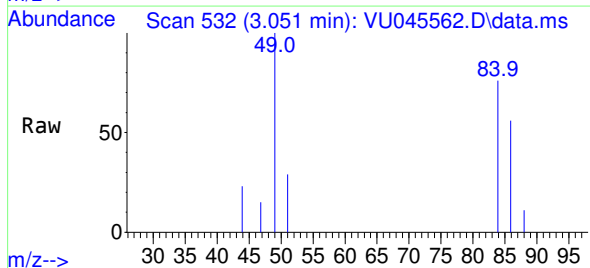


#20
Methylene Chloride
Concen: 0.83 ug/l
RT: 3.051 min Scan# 511
Delta R.T. 0.003 min
Lab File: VU045562.D
Acq: 05 Nov 2021 16:35

Instrument :
MSVOA_U
ClientSampleId :
11221-B

Tgt Ion: 84 Resp: 1495

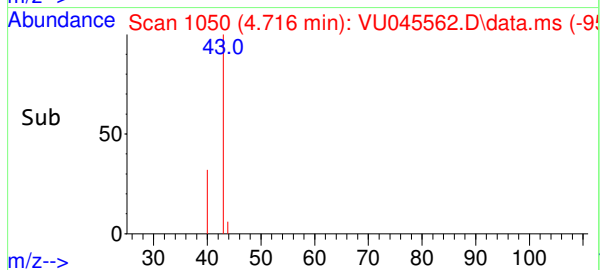
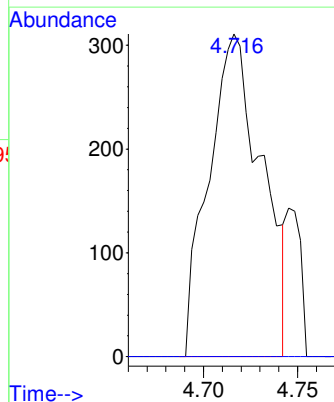
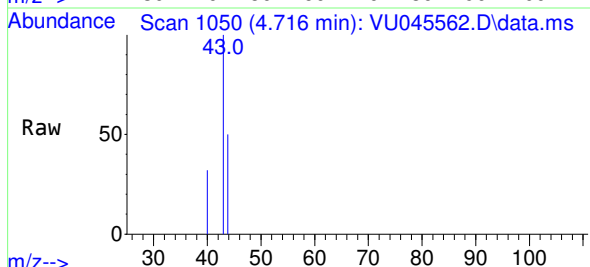
Ion	Ratio	Lower	Upper
84	100		
49	131.3	96.4	144.6
51	37.7	30.5	45.7
86	73.0	50.3	75.5

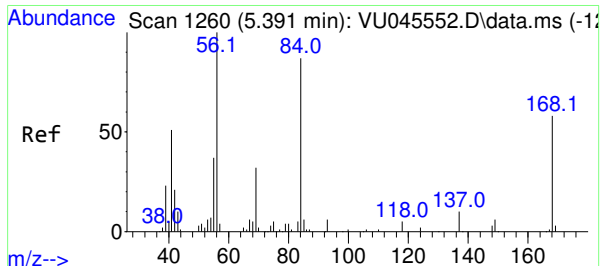


#25
2-Butanone
Concen: 0.42 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.016 min
Lab File: VU045562.D
Acq: 05 Nov 2021 16:35

Tgt Ion: 43 Resp: 611

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.0	33.0#

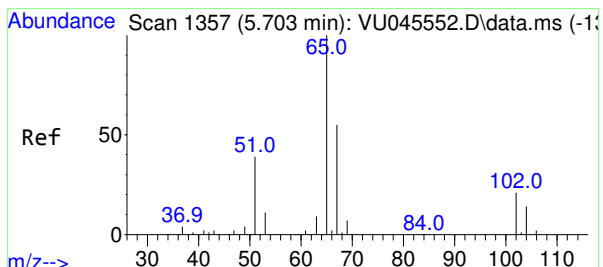
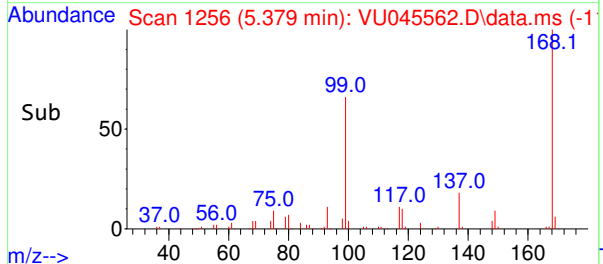
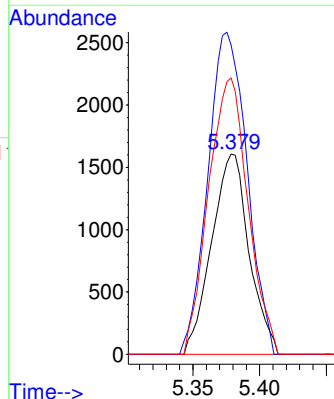
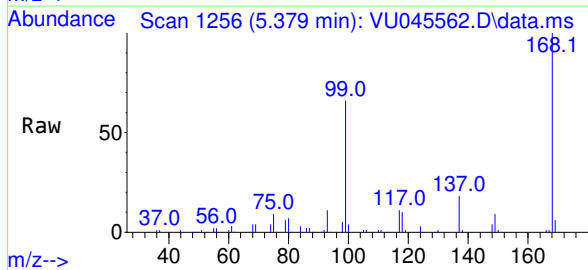




#31
Cyclohexane
Concen: 1.06 ug/l
RT: 5.379 min Scan# 1
Delta R.T. -0.013 min
Lab File: VU045562.D
Acq: 05 Nov 2021 16:35

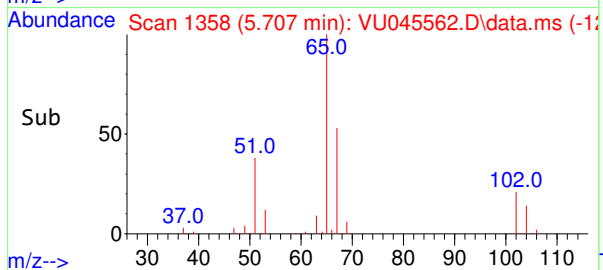
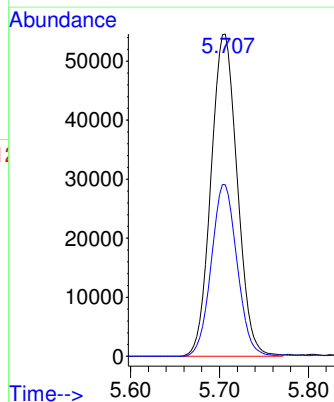
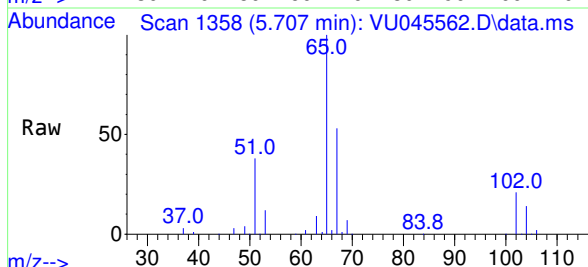
Instrument :
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11221-B

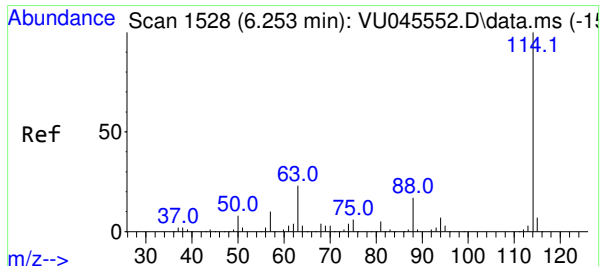
Tgt Ion: 56 Resp: 3142
Ion Ratio Lower Upper
56 100
69 154.5 26.4 39.6#
84 137.9 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 54.85 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.003 min
Lab File: VU045562.D
Acq: 05 Nov 2021 16:35

Tgt Ion: 65 Resp: 111834
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.8

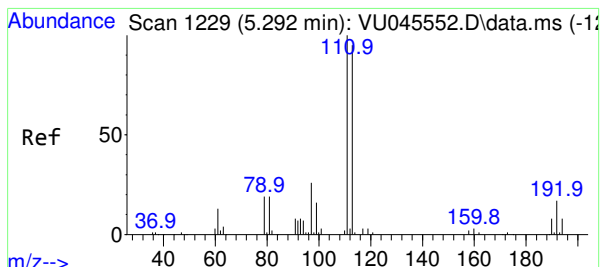
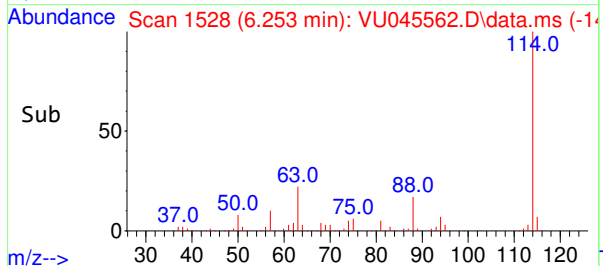
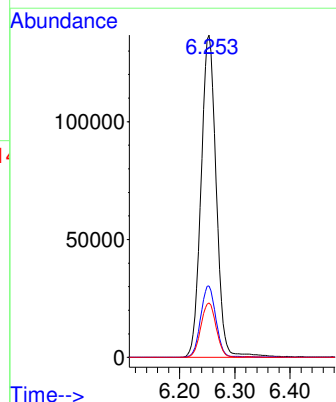
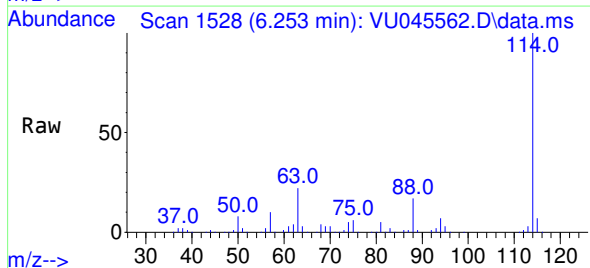




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.253 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045562.D
Acq: 05 Nov 2021 16:35

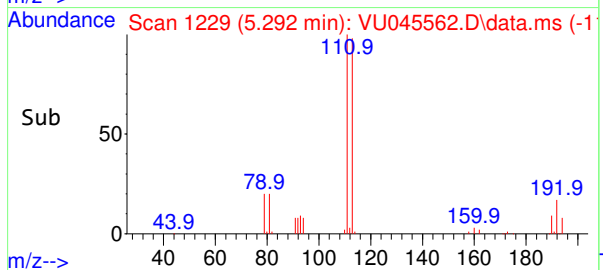
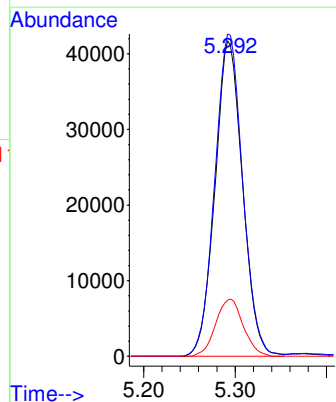
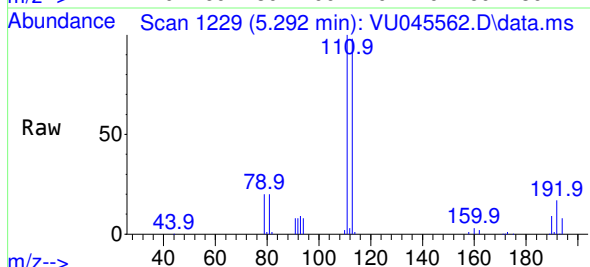
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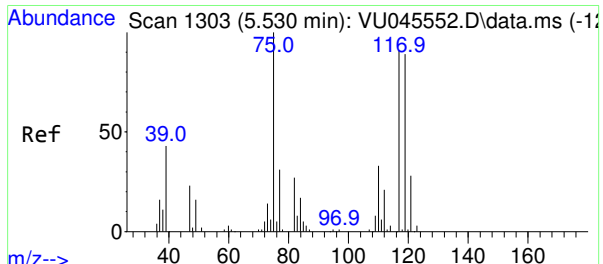
Tgt Ion:	114	Resp:	261427
Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	45.6
88	16.9	0.0	33.8



#35
Dibromofluoromethane
Concen: 50.03 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU045562.D
Acq: 05 Nov 2021 16:35

Tgt Ion:	113	Resp:	87316
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.8	124.2
192	18.2	14.8	22.2

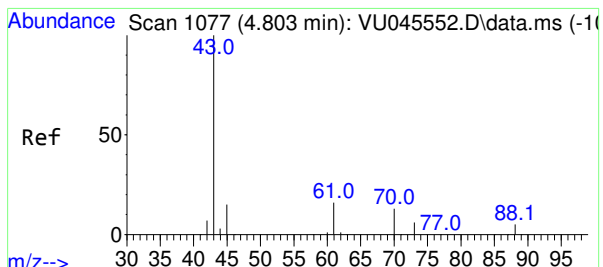
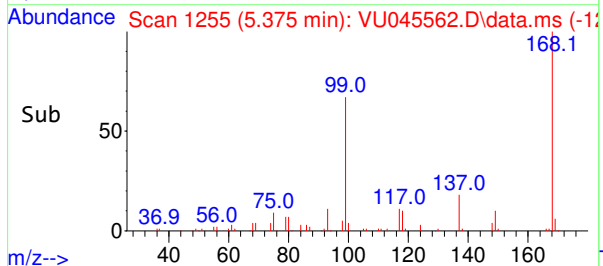
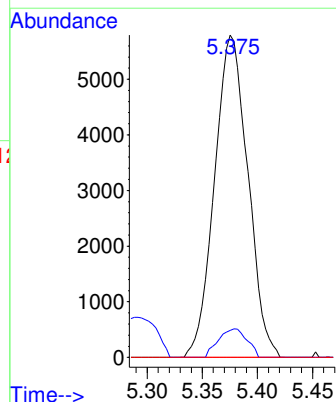
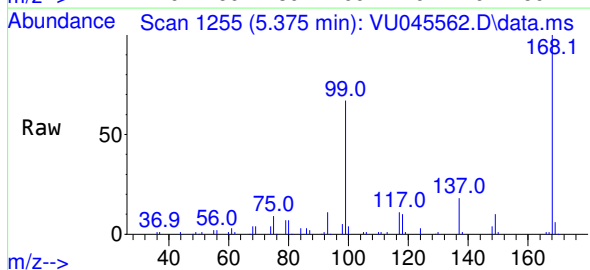




#36
1,1-Dichloropropene
Concen: 4.77 ug/l
RT: 5.375 min Scan# 1
Delta R.T. -0.154 min
Lab File: VU045562.D
Acq: 05 Nov 2021 16:35

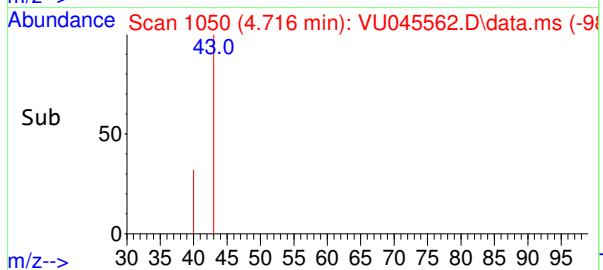
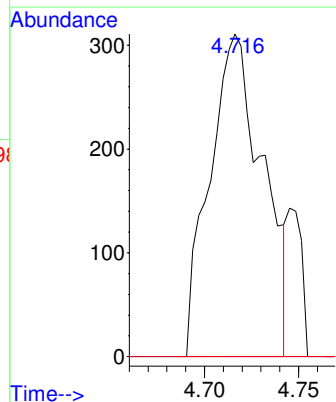
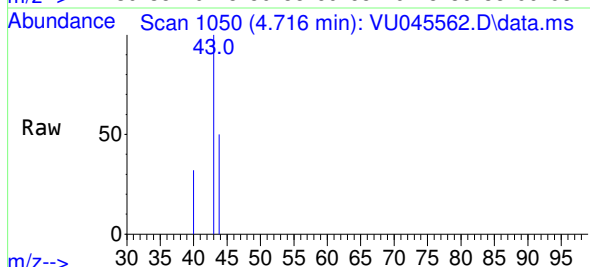
Instrument :
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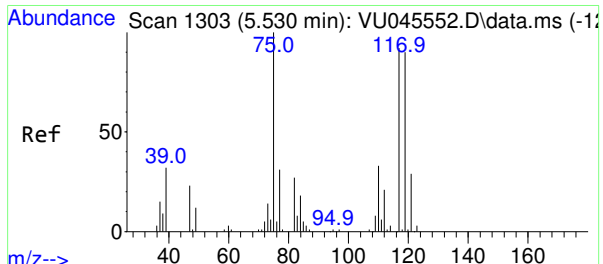
Tgt Ion:	75	Resp:	12171
Ion	Ratio	Lower	Upper
75	100		
110	7.6	16.7	50.0#
77	0.0	25.0	37.4#



#37
Ethyl Acetate
Concen: 0.21 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. -0.087 min
Lab File: VU045562.D
Acq: 05 Nov 2021 16:35

Tgt Ion:	43	Resp:	611
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	9.1	13.7#

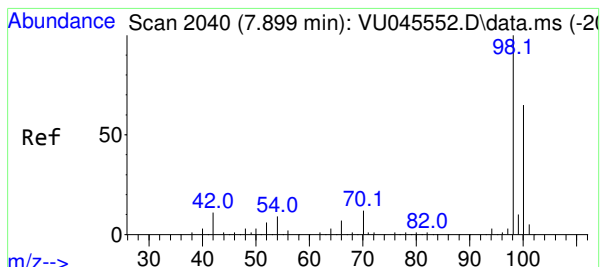
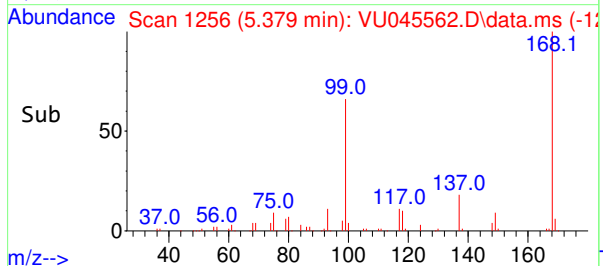
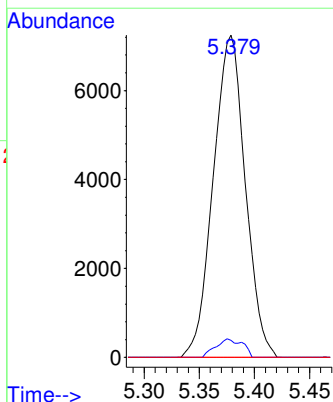
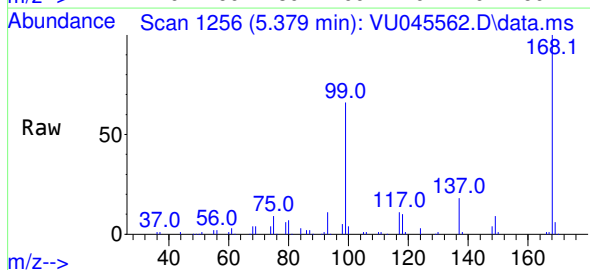




#38
Carbon Tetrachloride
Concen: 5.68 ug/l
RT: 5.379 min Scan# 1
Delta R.T. -0.151 min
Lab File: VU045562.D
Acq: 05 Nov 2021 16:35

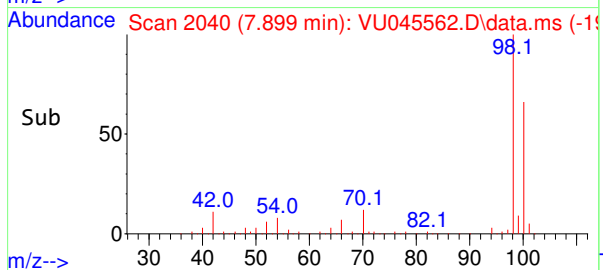
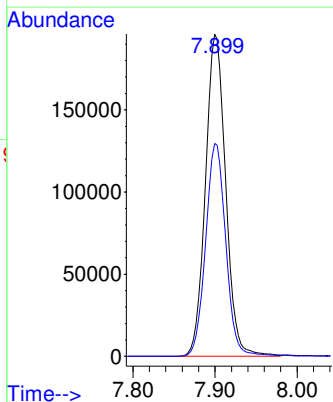
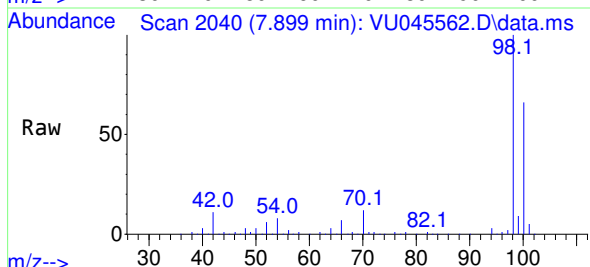
Instrument :
MSVOA_U
ClientSampleId :
11221-B

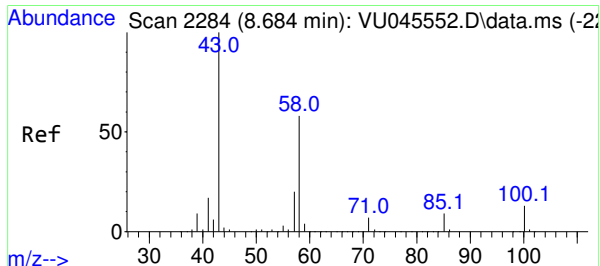
Tgt Ion: 117 Resp: 14602
Ion Ratio Lower Upper
117 100
119 5.3 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.88 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045562.D
Acq: 05 Nov 2021 16:35

Tgt Ion: 98 Resp: 336705
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7

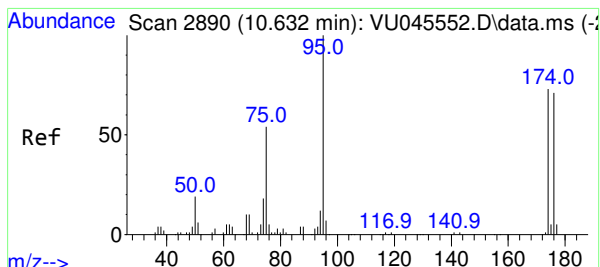
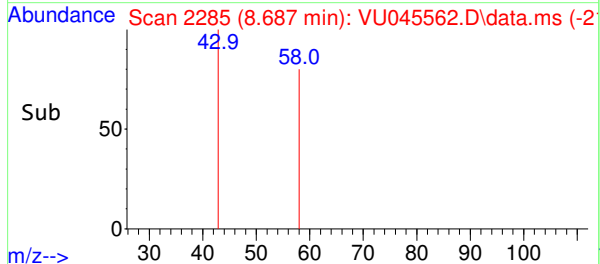
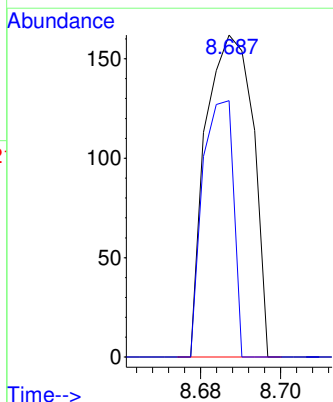
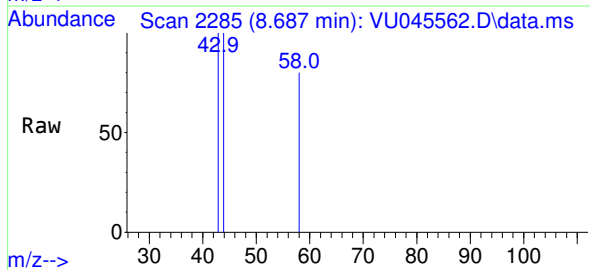




#59
2-Hexanone
Concen: 7.59 ug/l
RT: 8.687 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU045562.D
Acq: 05 Nov 2021 16:35

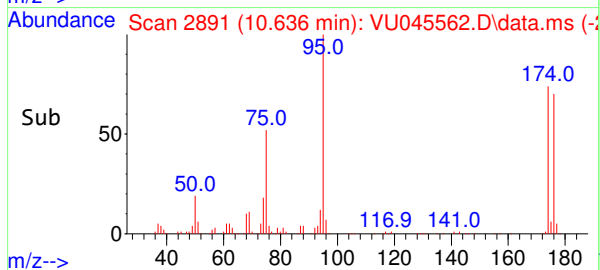
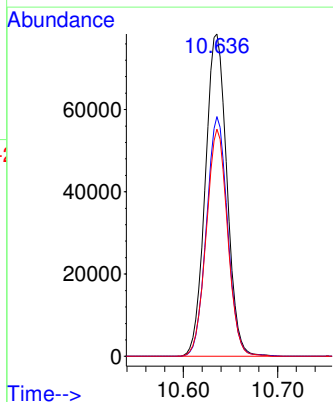
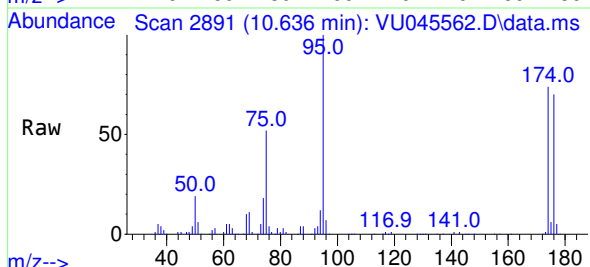
Instrument :
MSVOA_U
ClientSampleId :
11221-B

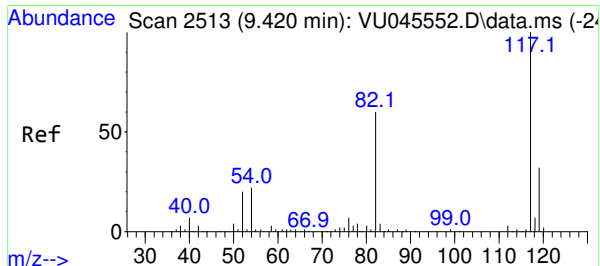
Tgt Ion: 43 Resp: 133
Ion Ratio Lower Upper
43 100
58 51.9 29.5 88.6



#62
4-Bromofluorobenzene
Concen: 47.94 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045562.D
Acq: 05 Nov 2021 16:35

Tgt Ion: 95 Resp: 124756
Ion Ratio Lower Upper
95 100
174 72.9 0.0 141.8
176 69.6 0.0 138.2

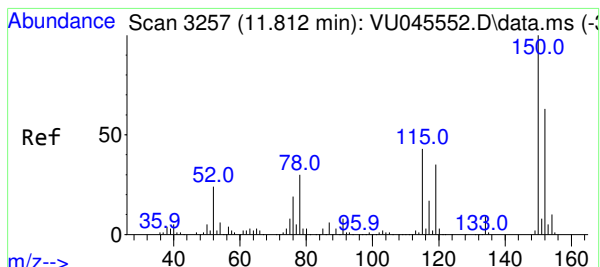
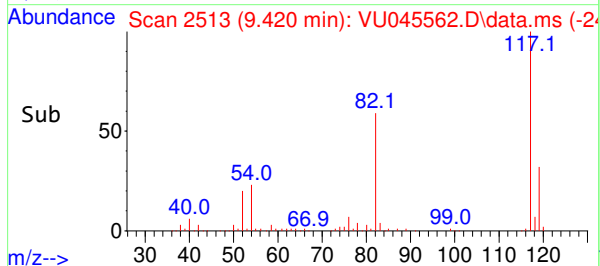
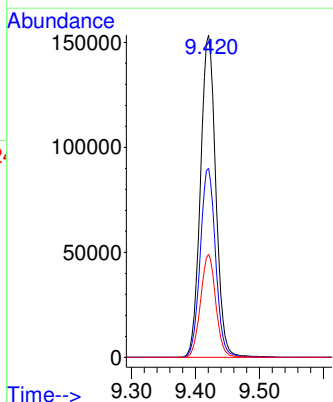
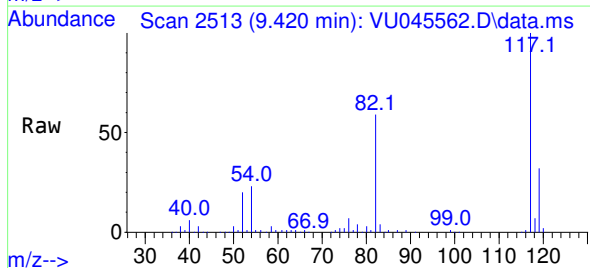




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.420 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU045562.D
Acq: 05 Nov 2021 16:35

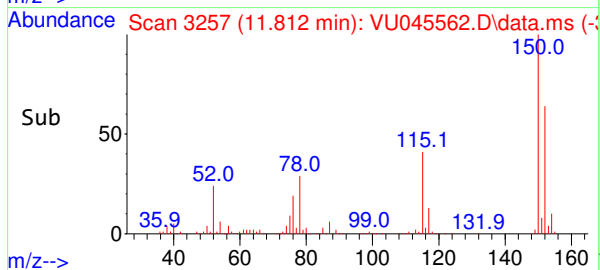
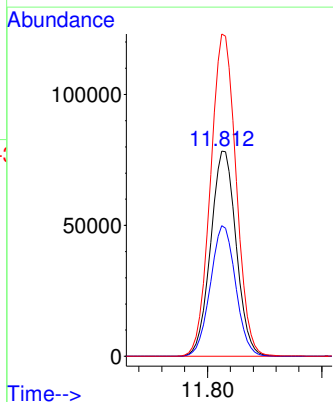
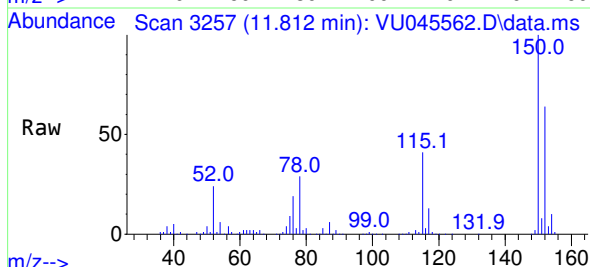
Instrument :
MSVOA_U
ClientSampleId :
11221-B

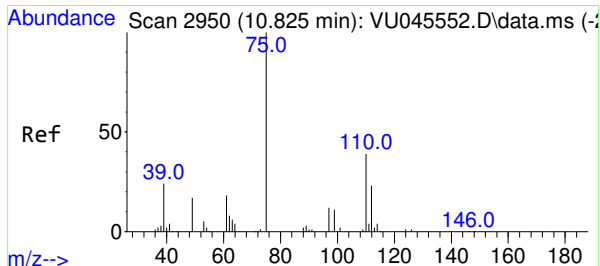
Tgt Ion:	117	Resp:	255759
Ion	Ratio	Lower	Upper
117	100		
82	58.7	47.8	71.8
119	32.0	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU045562.D
Acq: 05 Nov 2021 16:35

Tgt Ion:	152	Resp:	121777
Ion	Ratio	Lower	Upper
152	100		
115	63.2	42.7	128.1
150	157.7	0.0	346.8

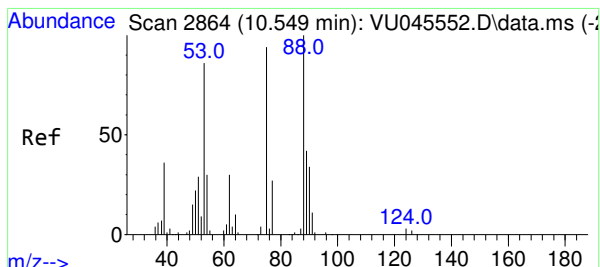
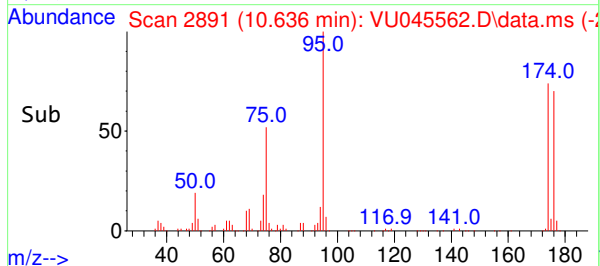
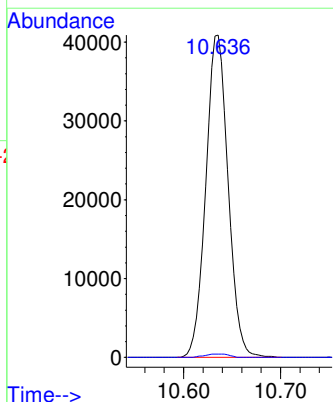
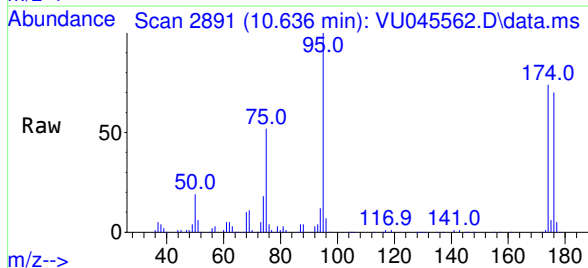




#76
1,2,3-Trichloropropane
Concen: 17.67 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045562.D
Acq: 05 Nov 2021 16:35

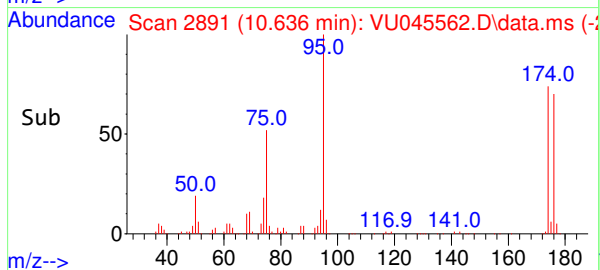
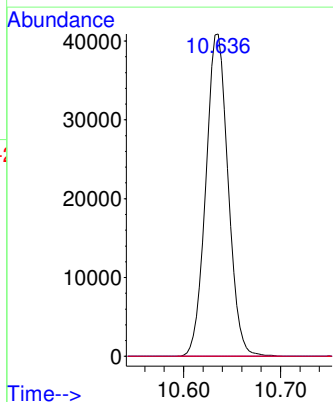
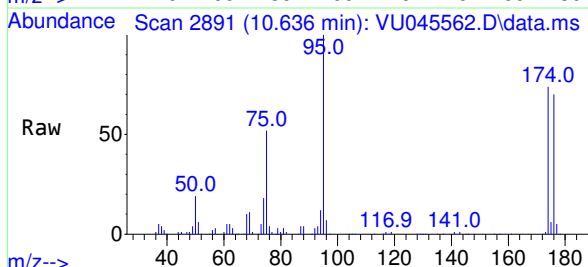
Instrument : MSVOA_U
ClientSampleId : 11221-B

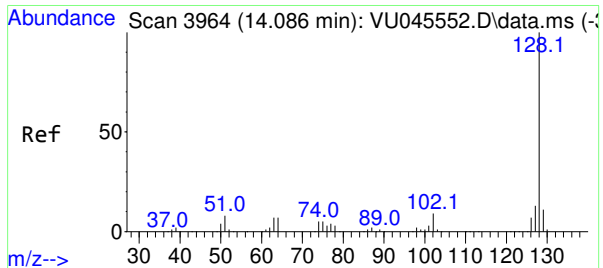
Tgt Ion: 75 Resp: 65249
Ion Ratio Lower Upper
75 100
77 1.2 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.41 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045562.D
Acq: 05 Nov 2021 16:35

Tgt Ion: 75 Resp: 65249
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95
Naphthalene
Concen: 1.13 ug/l
RT: 14.089 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU045562.D
Acq: 05 Nov 2021 16:35

Instrument :
MSVOA_U
ClientSampleId :
11221-B

Tgt Ion:	128	Resp:	969
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	0.0	8.6	13.0#

