

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045557.D
 Acq On : 05 Nov 2021 14:42
 Operator : SY/MD
 Sample : VU1105WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBL01

Quant Time: Nov 05 15:11:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

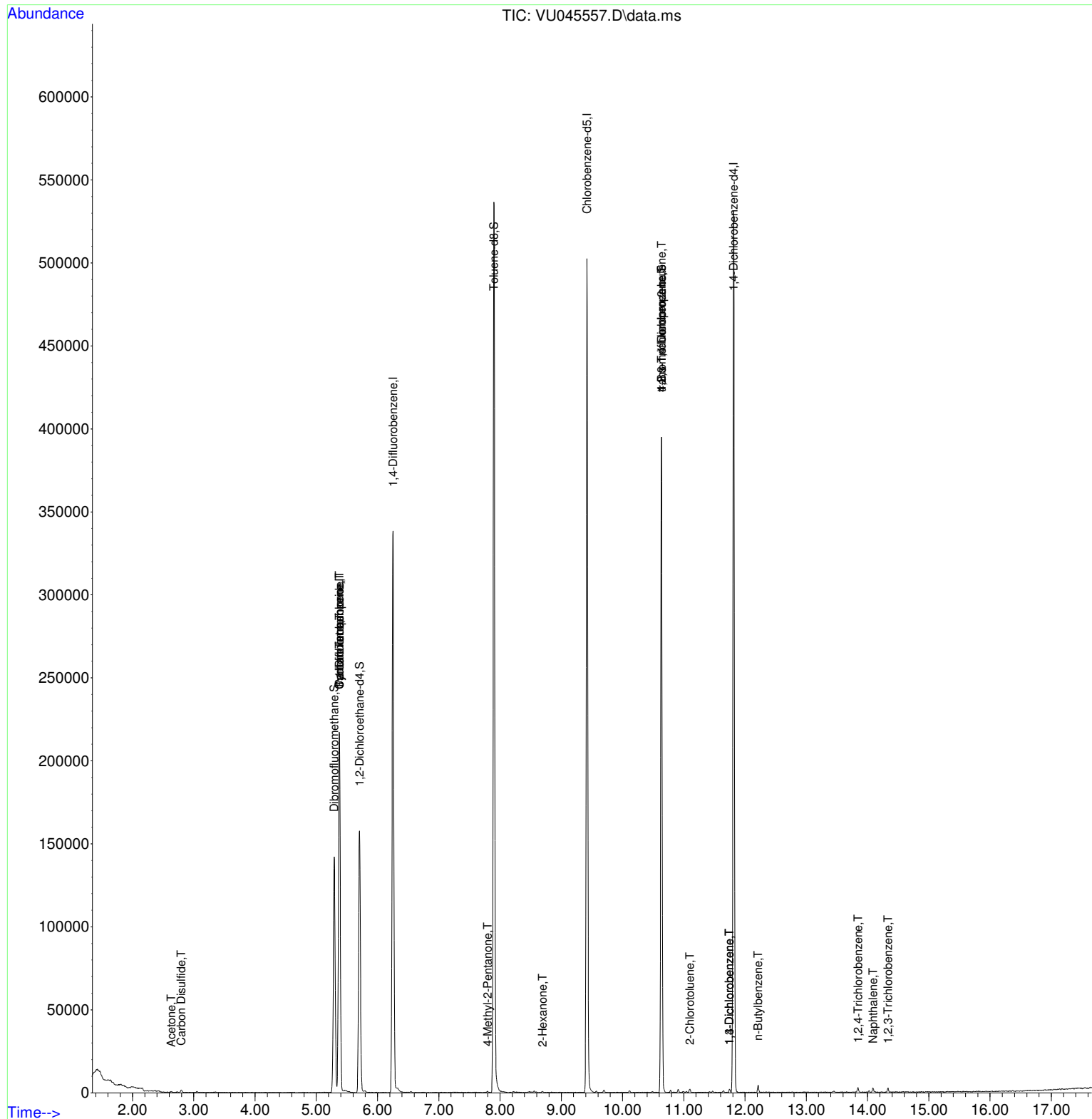
Internal Standards						
1) Pentafluorobenzene	5.375	168	143433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	270630	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	270873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	132961	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	116739	54.35	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.70%			
35) Dibromofluoromethane	5.292	113	91214	50.48	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.96%			
50) Toluene-d8	7.899	98	352840	52.52	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.04%			
62) 4-Bromofluorobenzene	10.636	95	132957	49.35	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.70%			
Target Compounds						
						Qvalue
16) Acetone	2.629	43	618	0.57	ug/l	94
17) Carbon Disulfide	2.793	76	1985	0.45	ug/l #	94
31) Cyclohexane	5.379	56	3393	1.08	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	12497	4.74	ug/l #	50
38) Carbon Tetrachloride	5.379	117	15712	5.91	ug/l #	15
51) 4-Methyl-2-Pentanone	7.796	43	717	0.23	ug/l #	65
59) 2-Hexanone	8.694	43	704	7.79	ug/l	87
76) 1,2,3-Trichloropropane	10.636	75	69454	17.23	ug/l #	43
79) 2-Chlorotoluene	11.099	91	1405	0.22	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.636	75	69454	56.04	ug/l #	12
87) 1,3-Dichlorobenzene	11.742	146	1037	0.24	ug/l	92
88) 1,4-Dichlorobenzene	11.742	146	1037	0.24	ug/l	93
89) n-Butylbenzene	12.211	91	1840	0.24	ug/l	96
93) 1,2,4-Trichlorobenzene	13.844	180	1136	0.40	ug/l	99
95) Naphthalene	14.089	128	2716	1.28	ug/l #	93
96) 1,2,3-Trichlorobenzene	14.333	180	995	0.35	ug/l	93

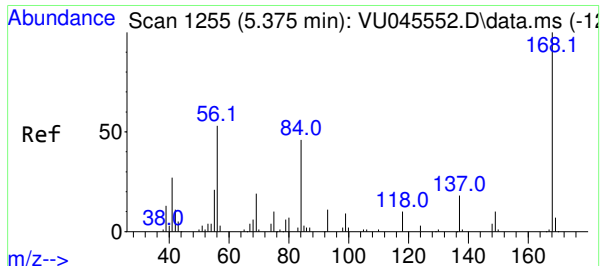
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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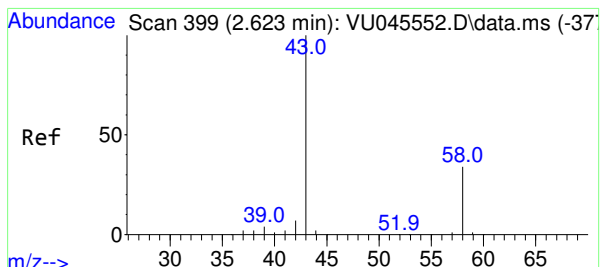
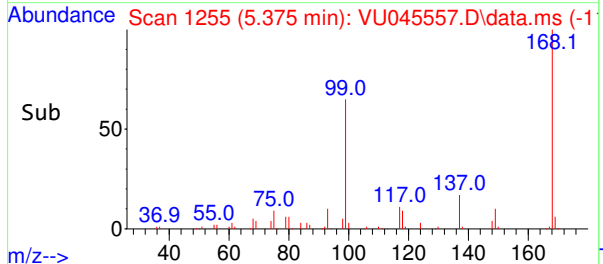
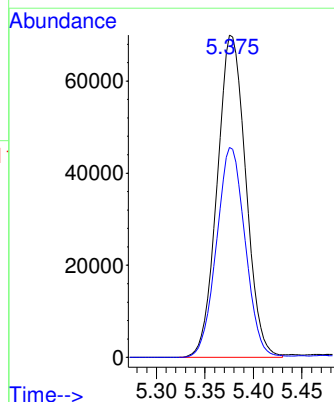
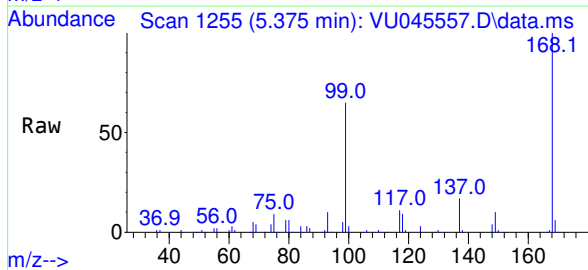




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045557.D
Acq: 05 Nov 2021 14:42

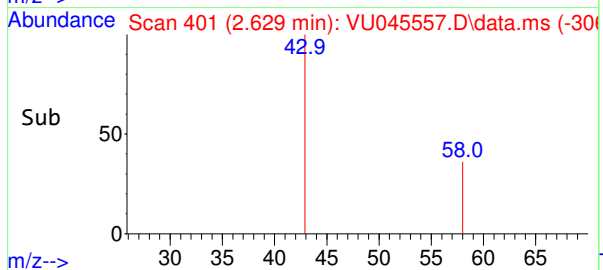
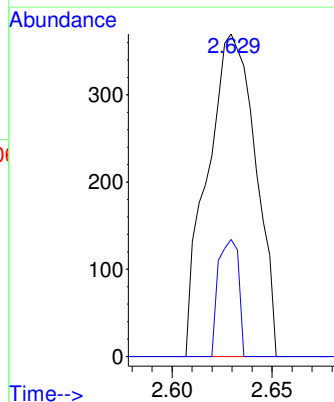
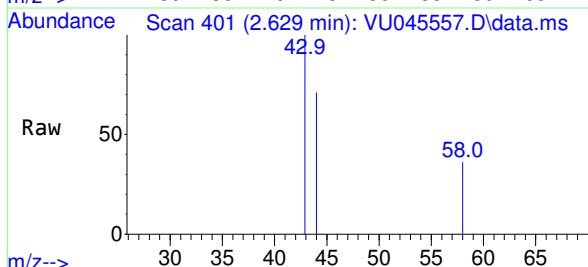
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBL01

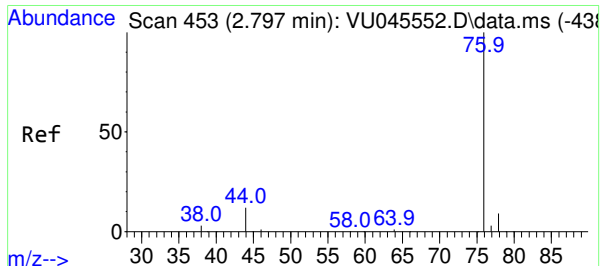
Tgt Ion:168 Resp: 143433
Ion Ratio Lower Upper
168 100
99 65.2 51.0 76.6



#16
Acetone
Concen: 0.57 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.006 min
Lab File: VU045557.D
Acq: 05 Nov 2021 14:42

Tgt Ion: 43 Resp: 618
Ion Ratio Lower Upper
43 100
58 36.2 26.2 39.2

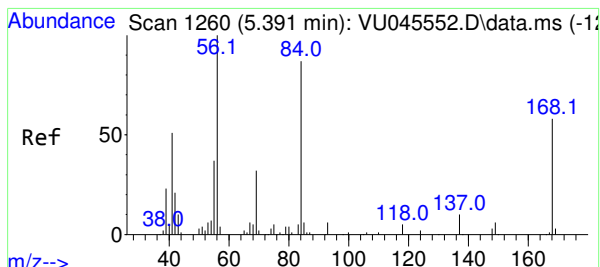
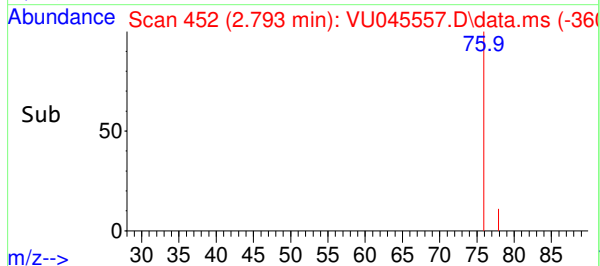
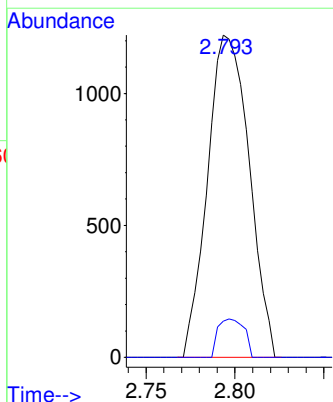
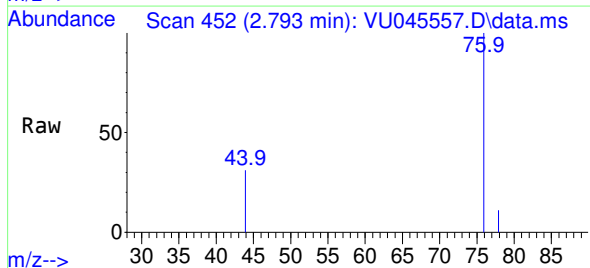




#17
Carbon Disulfide
Concen: 0.45 ug/l
RT: 2.793 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045557.D
Acq: 05 Nov 2021 14:42

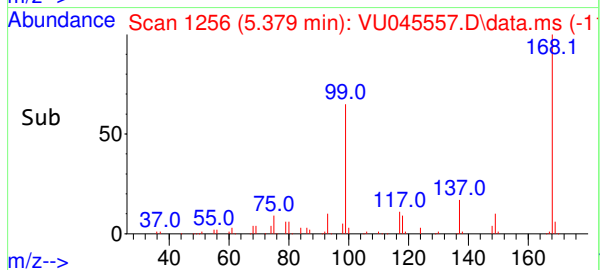
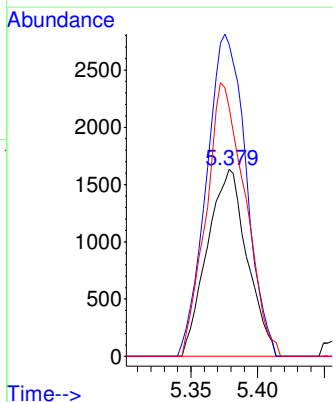
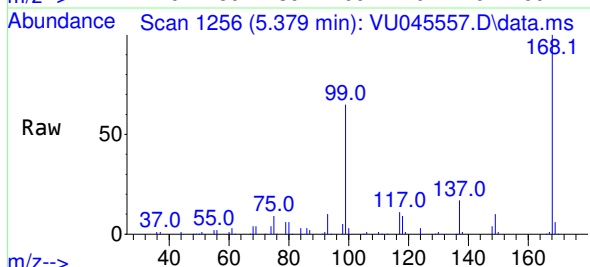
Instrument :
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ClientSampleId :
VU1105WBL01

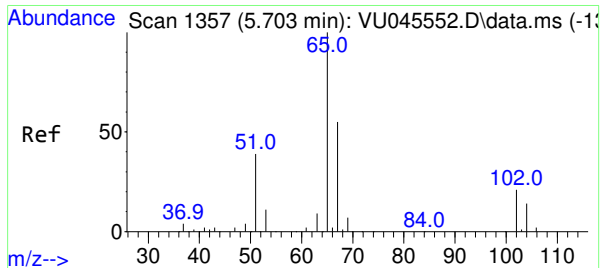
Tgt Ion: 76 Resp: 1985
Ion Ratio Lower Upper
76 100
78 11.2 7.3 10.9#



#31
Cyclohexane
Concen: 1.08 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.013 min
Lab File: VU045557.D
Acq: 05 Nov 2021 14:42

Tgt Ion: 56 Resp: 3393
Ion Ratio Lower Upper
56 100
69 166.9 26.4 39.6#
84 133.2 68.4 102.6#

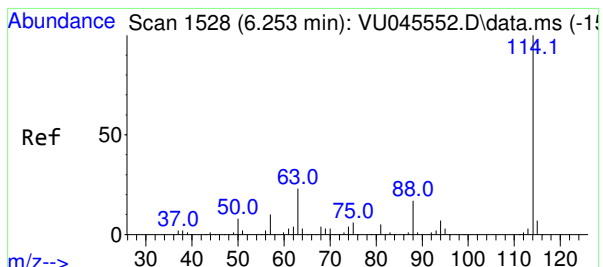
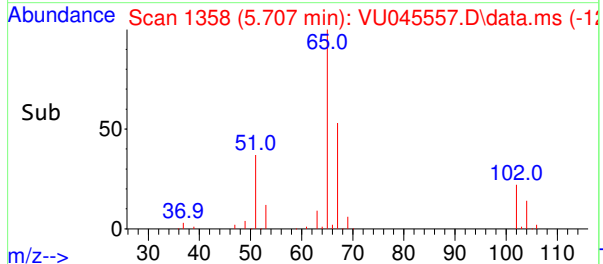
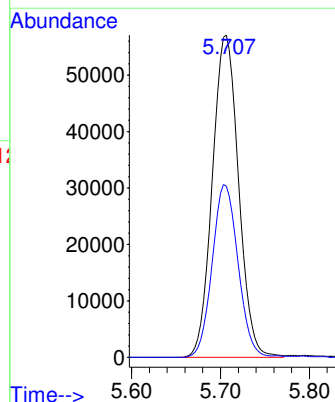
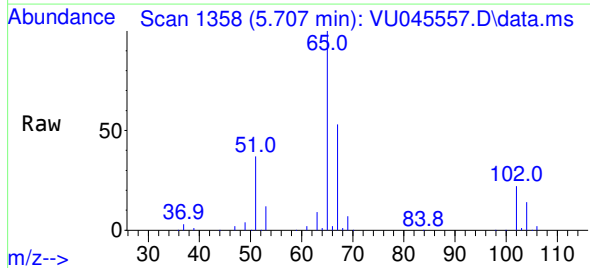




#33
1,2-Dichloroethane-d4
Concen: 54.35 ug/l
RT: 5.707 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU045557.D
Acq: 05 Nov 2021 14:42

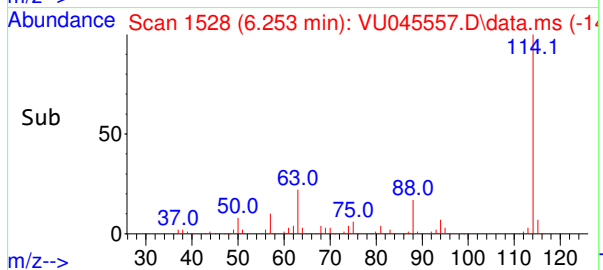
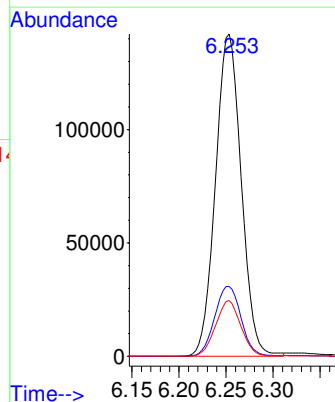
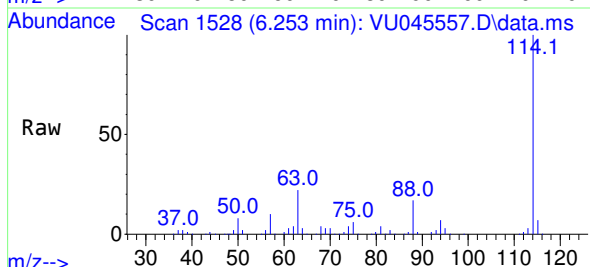
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBL01

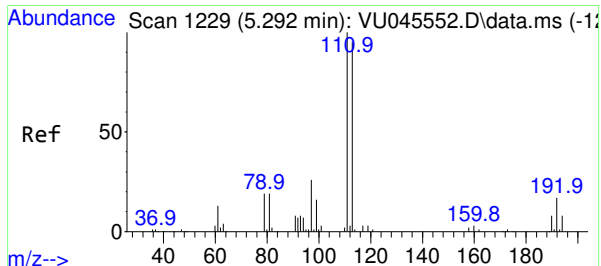
Tgt Ion: 65 Resp: 116739
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045557.D
Acq: 05 Nov 2021 14:42

Tgt Ion: 114 Resp: 270630
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.6
88 17.3 0.0 33.8

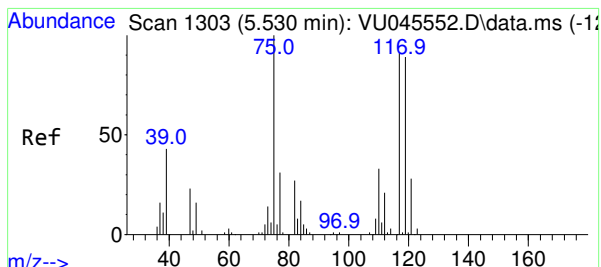
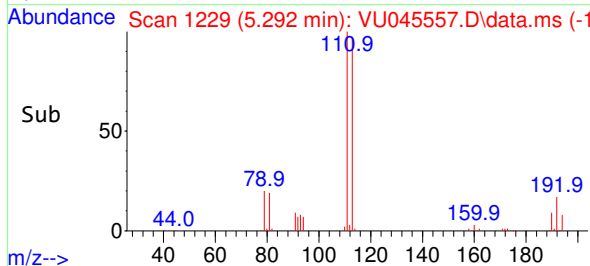
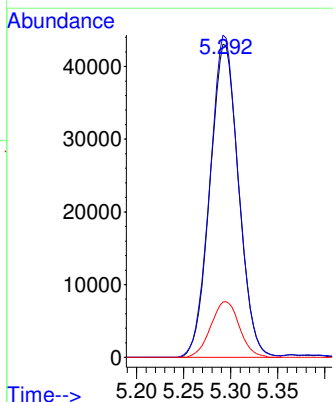
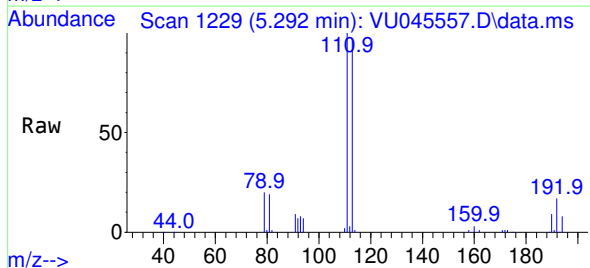




#35
Dibromofluoromethane
Concen: 50.48 ug/l
RT: 5.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045557.D
Acq: 05 Nov 2021 14:42

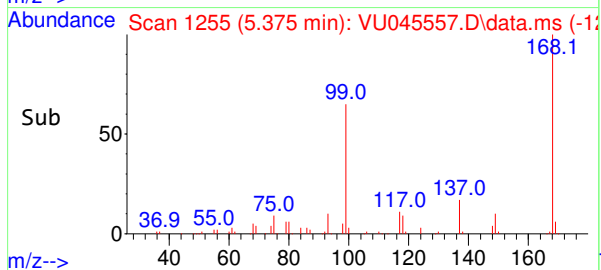
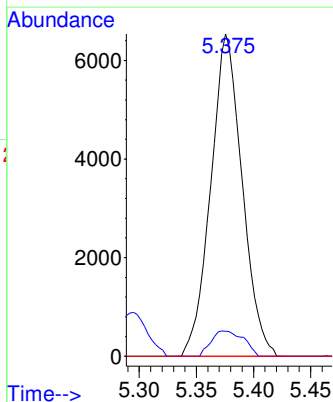
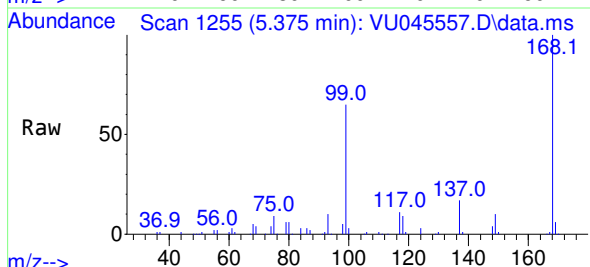
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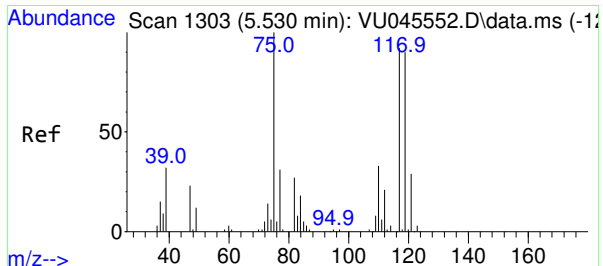
Tgt Ion:113 Resp: 91214
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 17.8 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045557.D
Acq: 05 Nov 2021 14:42

Tgt Ion: 75 Resp: 12497
Ion Ratio Lower Upper
75 100
110 8.1 16.7 50.0#
77 0.0 25.0 37.4#

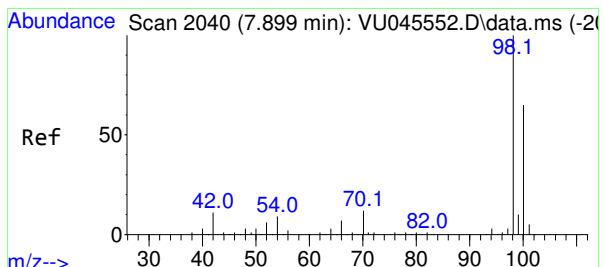
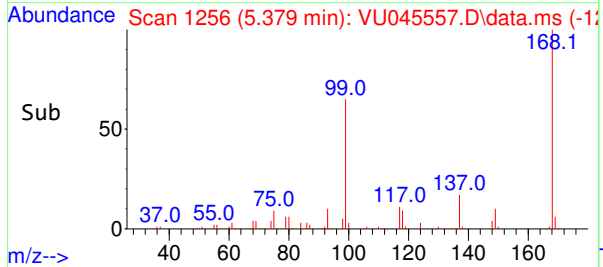
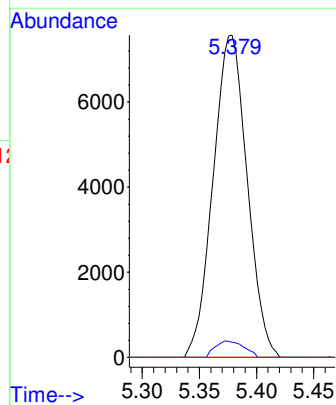
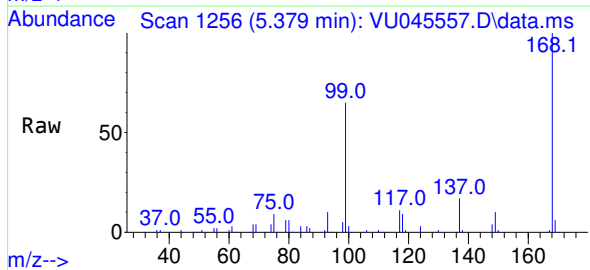




#38
Carbon Tetrachloride
Concen: 5.91 ug/l
RT: 5.379 min Scan# 1
Delta R.T. -0.151 min
Lab File: VU045557.D
Acq: 05 Nov 2021 14:42

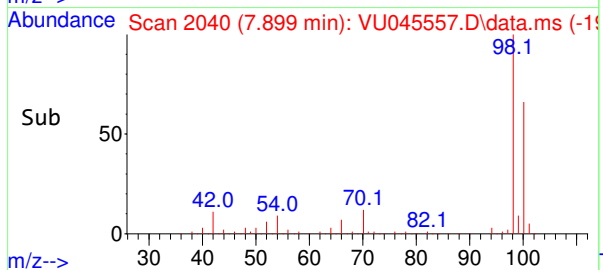
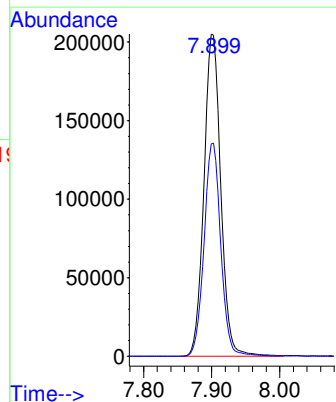
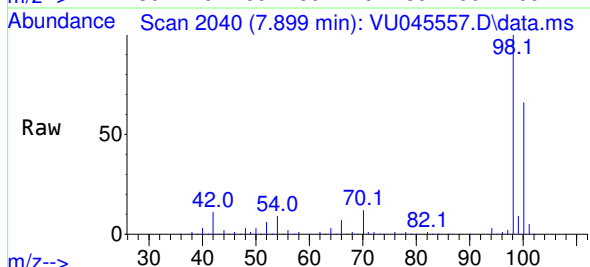
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ClientSampleId :
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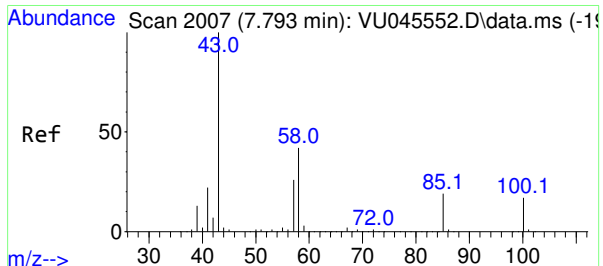
Tgt Ion: 117 Resp: 15712
Ion Ratio Lower Upper
117 100
119 4.7 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.52 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045557.D
Acq: 05 Nov 2021 14:42

Tgt Ion: 98 Resp: 352840
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7

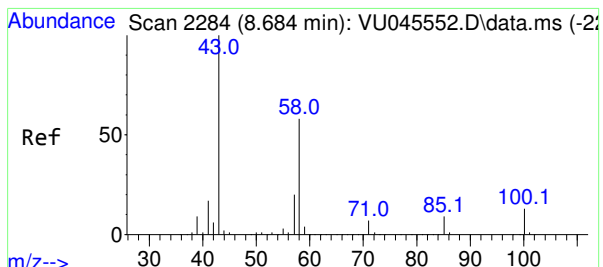
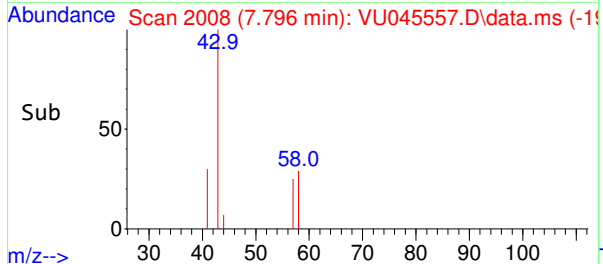
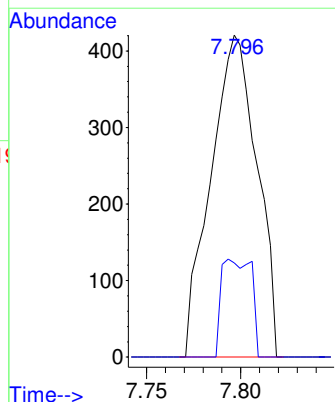
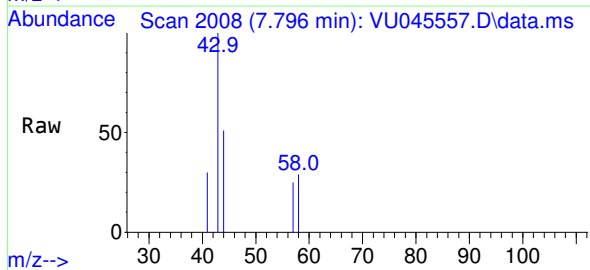




#51
4-Methyl-2-Pentanone
Concen: 0.23 ug/l
RT: 7.796 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045557.D
Acq: 05 Nov 2021 14:42

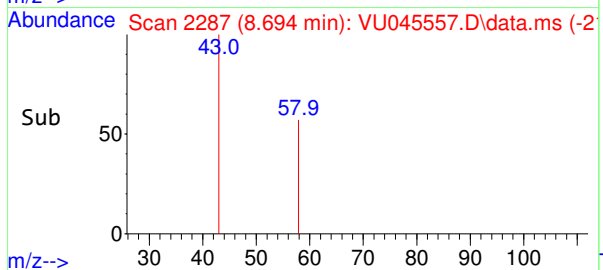
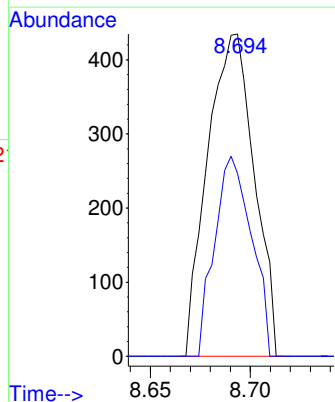
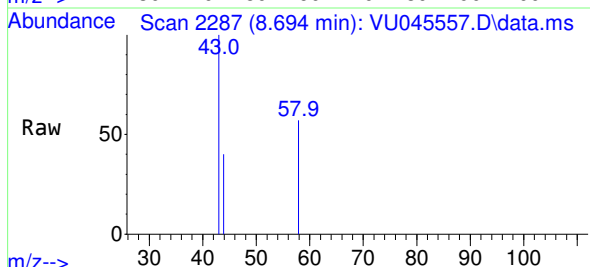
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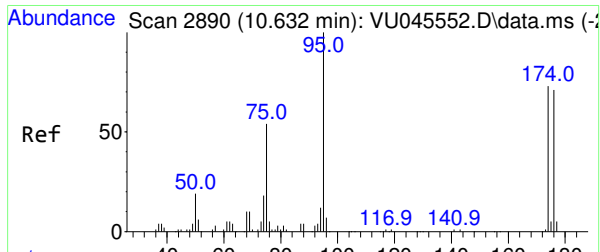
Tgt Ion: 43 Resp: 717
Ion Ratio Lower Upper
43 100
58 19.8 33.8 50.8#



#59
2-Hexanone
Concen: 7.79 ug/l
RT: 8.694 min Scan# 2287
Delta R.T. 0.010 min
Lab File: VU045557.D
Acq: 05 Nov 2021 14:42

Tgt Ion: 43 Resp: 704
Ion Ratio Lower Upper
43 100
58 49.1 29.5 88.6

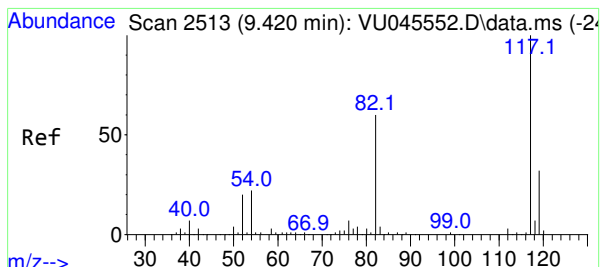
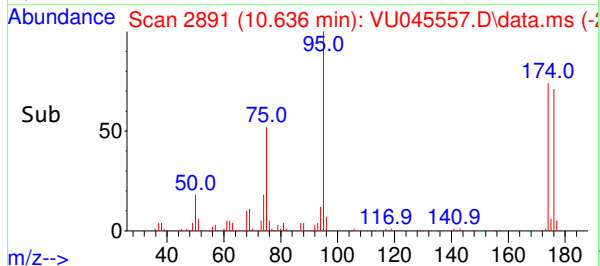
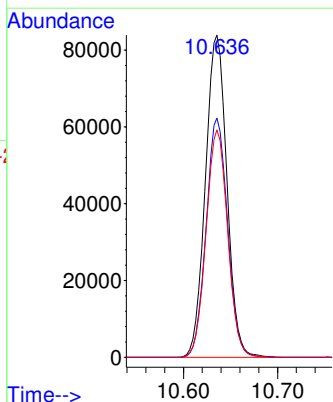
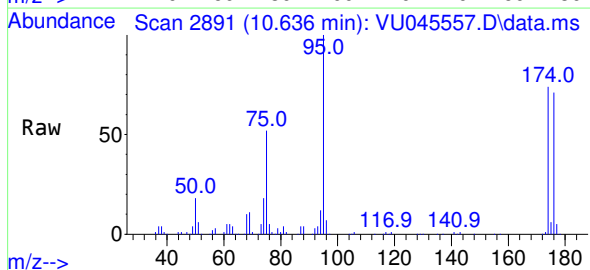




#62
4-Bromofluorobenzene
Concen: 49.35 ug/l
RT: 10.636 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU045557.D
Acq: 05 Nov 2021 14:42

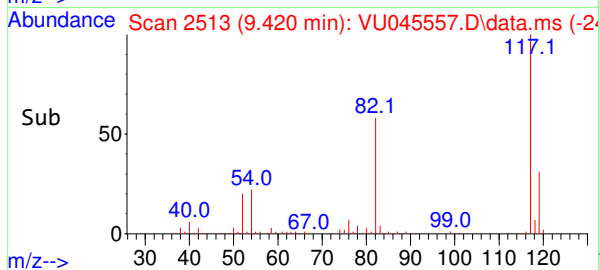
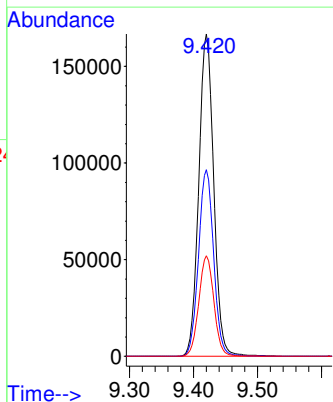
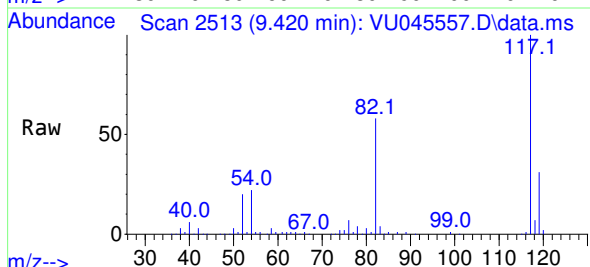
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBL01

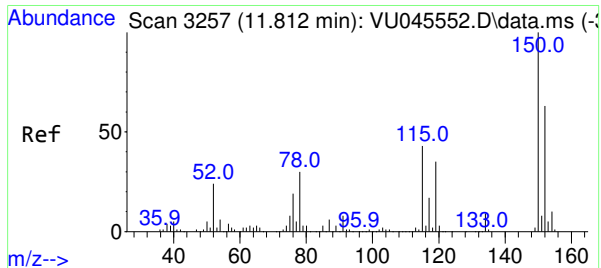
Tgt Ion:	95	Resp:	132957
Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	141.8
176	70.8	0.0	138.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045557.D
Acq: 05 Nov 2021 14:42

Tgt Ion:	117	Resp:	270873
Ion	Ratio	Lower	Upper
117	100		
82	57.9	47.8	71.8
119	31.2	25.8	38.8

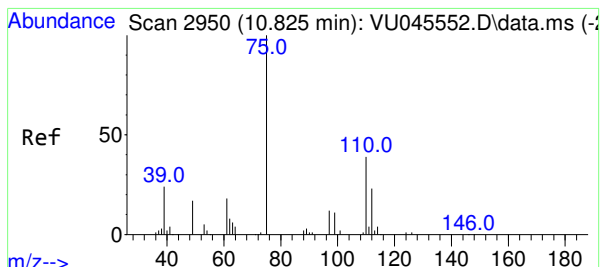
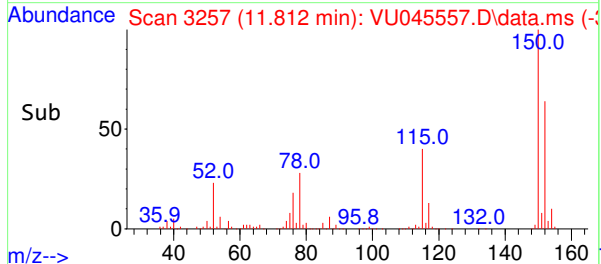
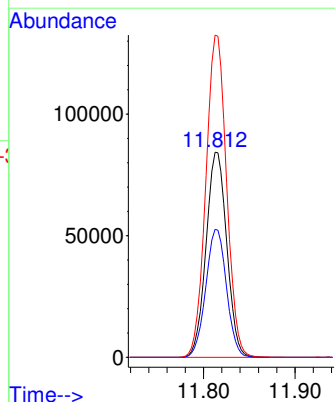
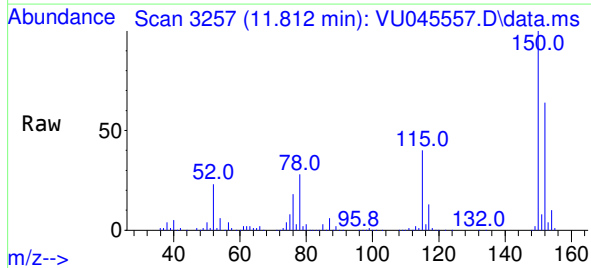




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.812 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU045557.D
Acq: 05 Nov 2021 14:42

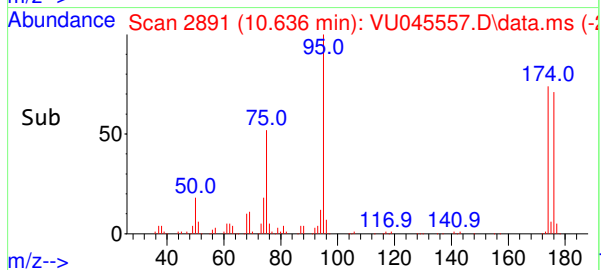
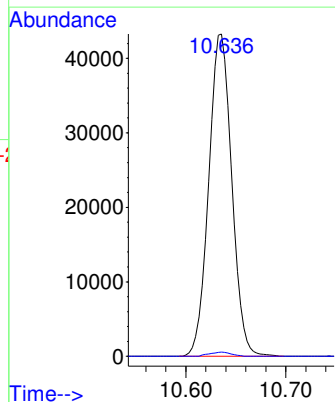
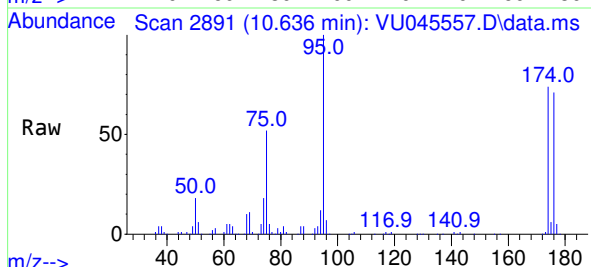
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBL01

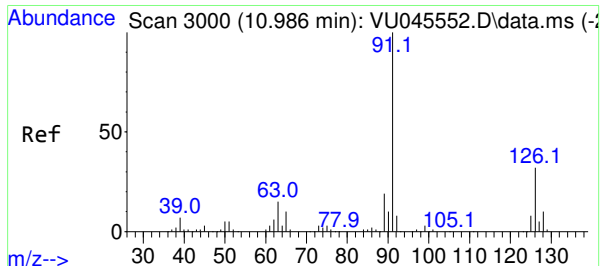
Tgt Ion:152 Resp: 132961
Ion Ratio Lower Upper
152 100
115 62.4 42.7 128.1
150 156.7 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 17.23 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045557.D
Acq: 05 Nov 2021 14:42

Tgt Ion: 75 Resp: 69454
Ion Ratio Lower Upper
75 100
77 1.2 17.1 51.3#

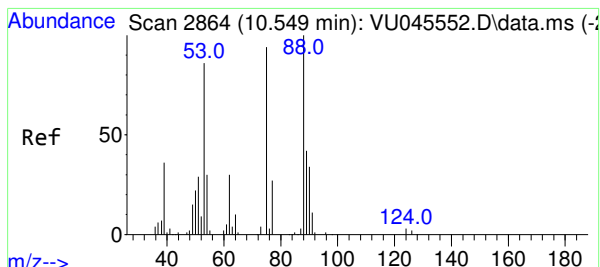
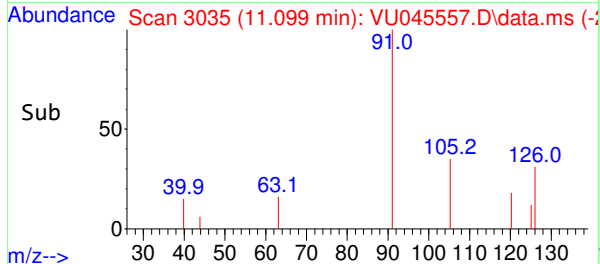
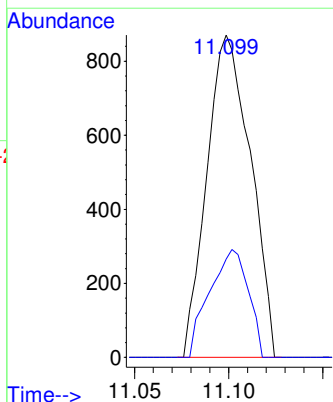
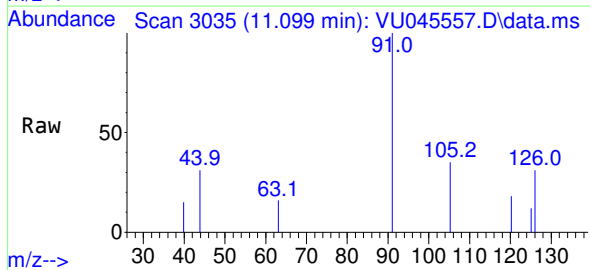




#79
2-Chlorotoluene
Concen: 0.22 ug/l
RT: 11.099 min Scan# 3
Delta R.T. 0.113 min
Lab File: VU045557.D
Acq: 05 Nov 2021 14:42

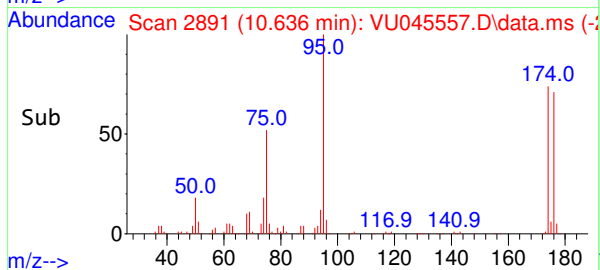
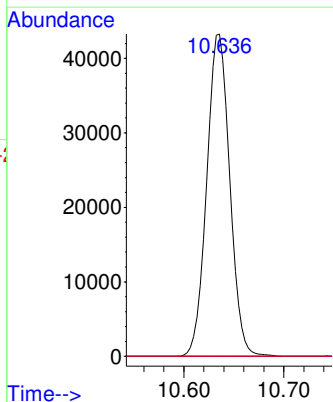
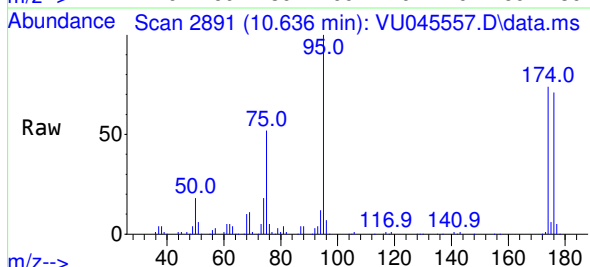
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBL01

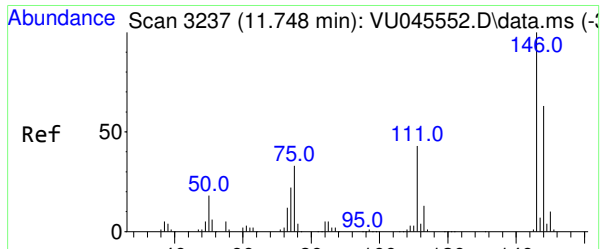
Tgt Ion: 91 Resp: 1405
Ion Ratio Lower Upper
91 100
126 29.8 15.6 46.8



#81
trans-1,4-Dichloro-2-butene
Concen: 56.04 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045557.D
Acq: 05 Nov 2021 14:42

Tgt Ion: 75 Resp: 69454
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#

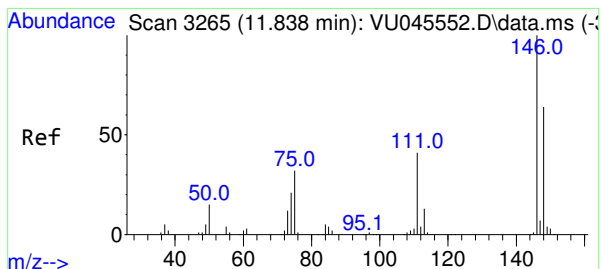
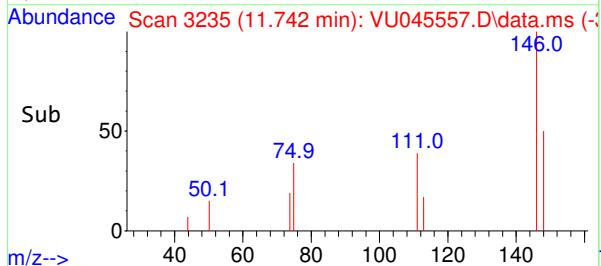
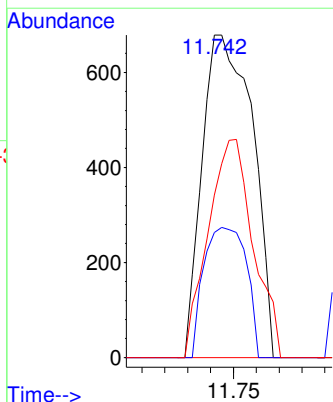
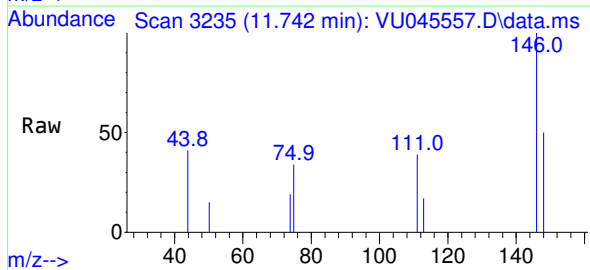




#87
1,3-Dichlorobenzene
Concen: 0.24 ug/l
RT: 11.742 min Scan# 3235
Delta R.T. -0.006 min
Lab File: VU045557.D
Acq: 05 Nov 2021 14:42

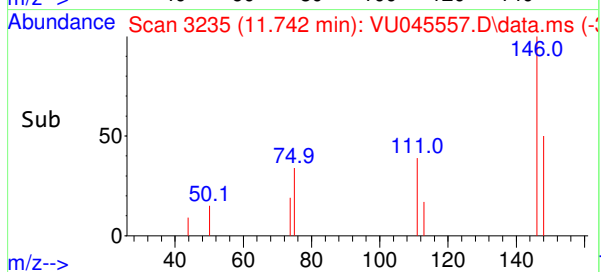
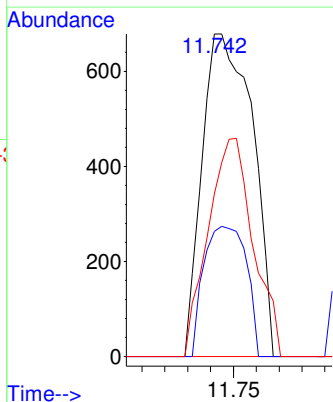
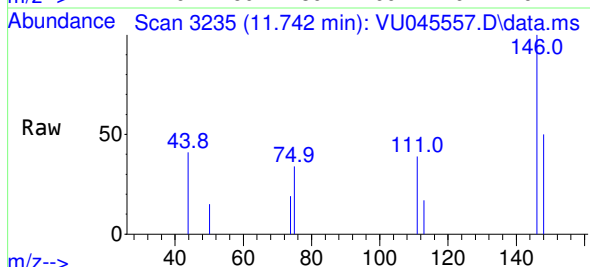
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBL01

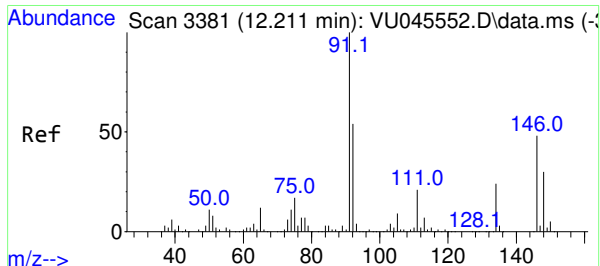
Tgt Ion:	146	Resp:	1037
Ion	Ratio	Lower	Upper
146	100		
111	34.0	21.3	63.9
148	60.6	31.7	95.1



#88
1,4-Dichlorobenzene
Concen: 0.24 ug/l
RT: 11.742 min Scan# 3235
Delta R.T. -0.096 min
Lab File: VU045557.D
Acq: 05 Nov 2021 14:42

Tgt Ion:	146	Resp:	1037
Ion	Ratio	Lower	Upper
146	100		
111	34.0	20.6	61.9
148	60.6	31.9	95.7

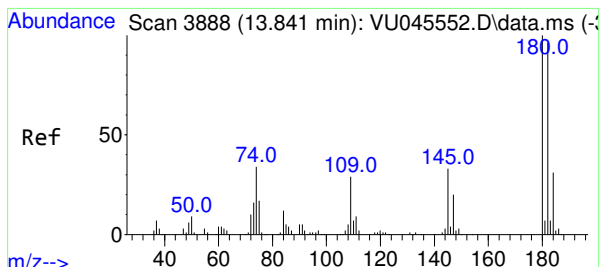
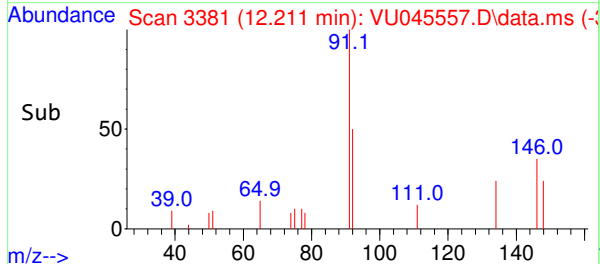
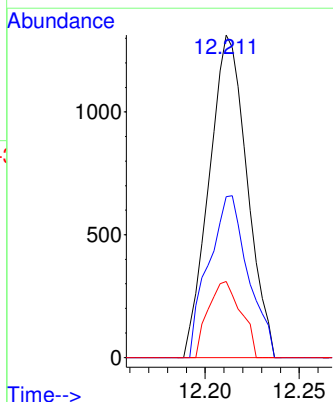
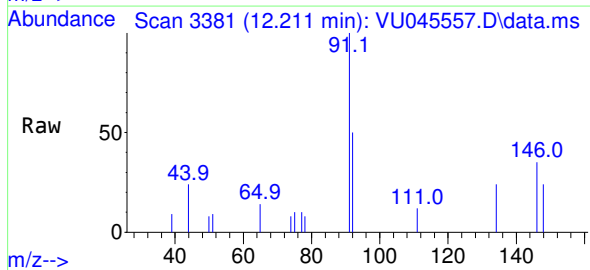




#89
n-Butylbenzene
Concen: 0.24 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045557.D
Acq: 05 Nov 2021 14:42

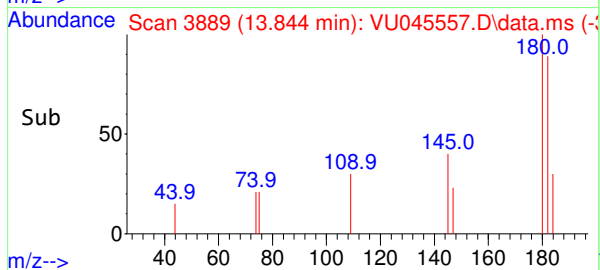
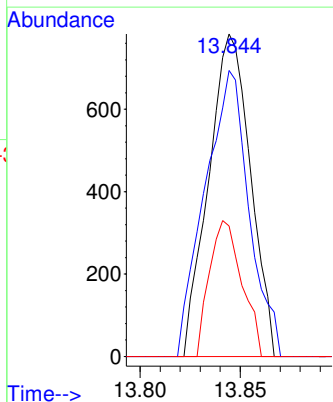
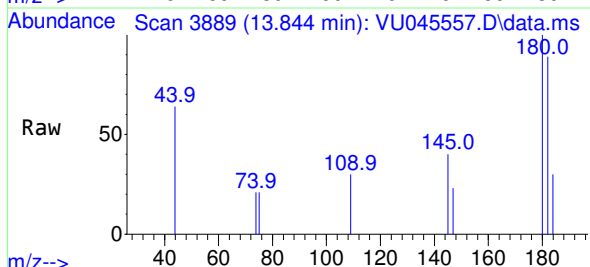
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBL01

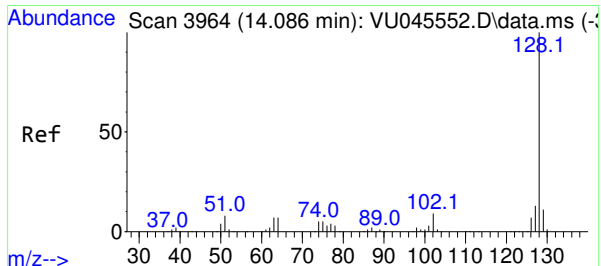
Tgt Ion:	91	Resp:	1840
Ion	Ratio	Lower	Upper
91	100		
92	52.4	27.1	81.2
134	20.4	11.8	35.4



#93
1,2,4-Trichlorobenzene
Concen: 0.40 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VU045557.D
Acq: 05 Nov 2021 14:42

Tgt Ion:	180	Resp:	1136
Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.0	141.2
145	32.8	15.6	46.7

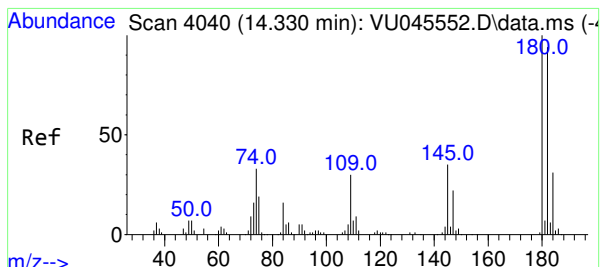
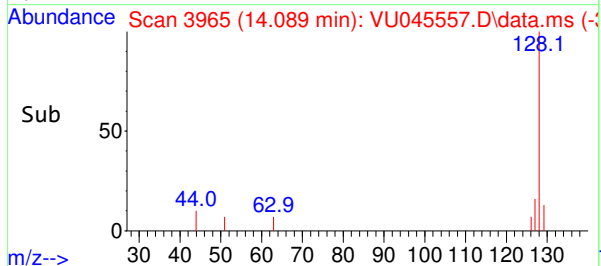
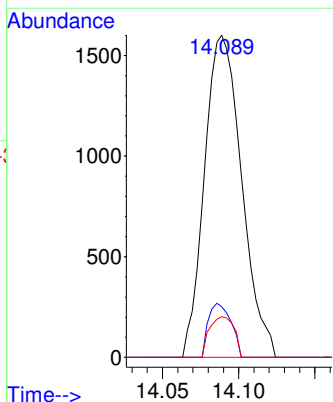
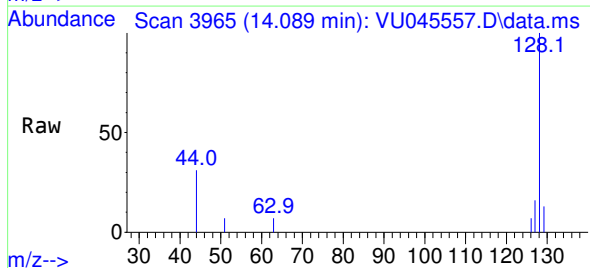




#95
Naphthalene
Concen: 1.28 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU045557.D
Acq: 05 Nov 2021 14:42

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBL01

Tgt Ion:128 Resp: 2716
Ion Ratio Lower Upper
128 100
127 10.2 10.6 15.8#
129 8.3 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.35 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU045557.D
Acq: 05 Nov 2021 14:42

Tgt Ion:180 Resp: 995
Ion Ratio Lower Upper
180 100
182 89.4 47.7 143.1
145 28.7 16.7 50.0

