

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050521\
 Data File : VU043553.D
 Acq On : 05 May 2021 16:42
 Operator : SY/MD
 Sample : M2251-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 05 17:03:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

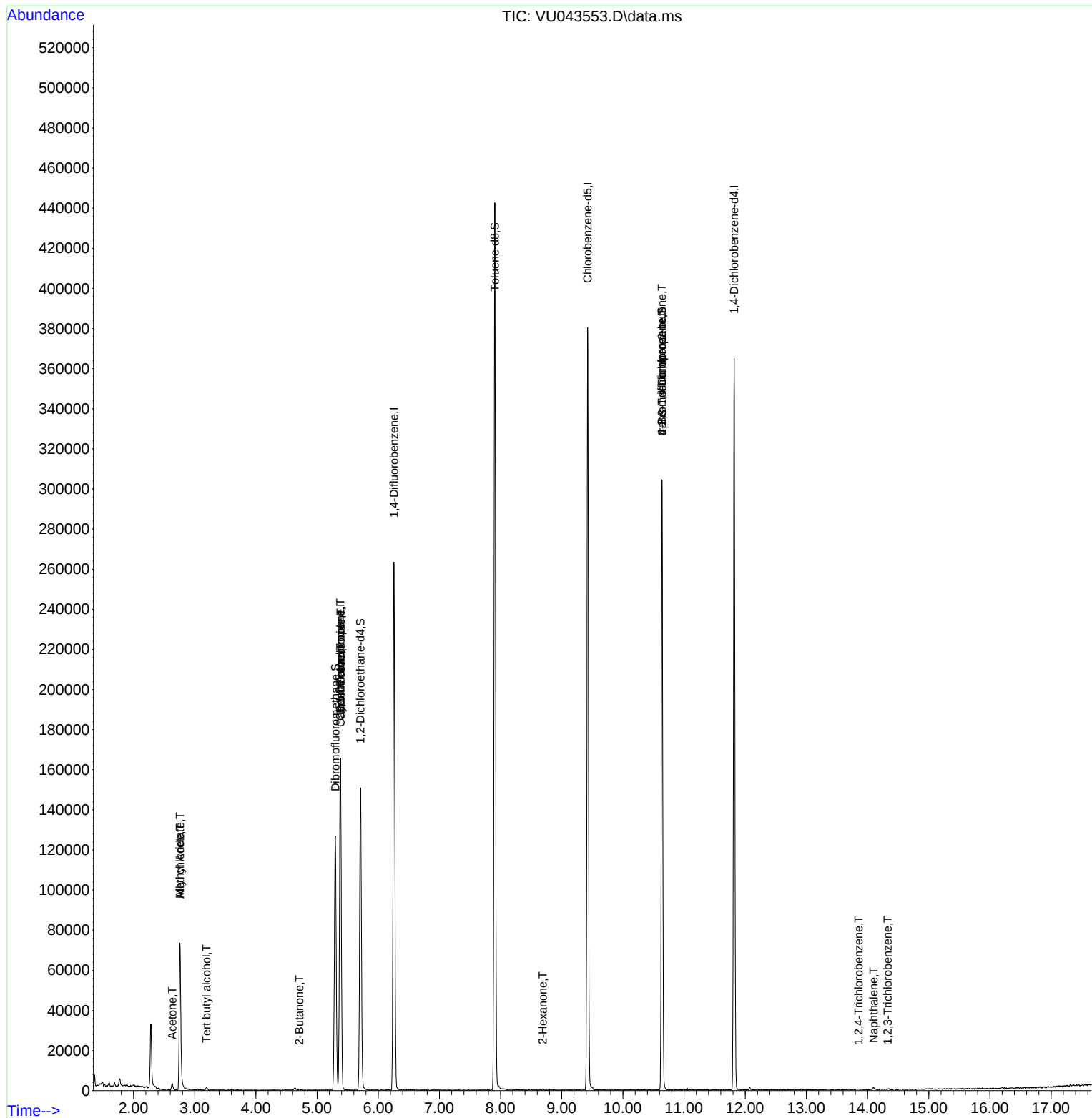
Internal Standards						
1) Pentafluorobenzene	5.382	168	106205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	192707	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	187726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	84310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	115772	64.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.68%	
35) Dibromofluoromethane	5.298	113	77746	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	
50) Toluene-d8	7.906	98	264134	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
62) 4-Bromofluorobenzene	10.639	95	89805	43.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.54%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	725	Below Cal	#	86
11) Tert butyl alcohol	3.192	59	751	1.63	ug/l #	94
14) Allyl chloride	2.758	41	8151	3.38	ug/l #	65
16) Acetone	2.633	43	3747	3.27	ug/l	98
18) Methyl Acetate	2.758	43	20737	9.29	ug/l #	55
25) 2-Butanone	4.710	43	455	0.28	ug/l #	54
31) Cyclohexane	5.378	56	3033	1.38	ug/l #	39
36) 1,1-Dichloropropene	5.382	75	9938	4.86	ug/l #	50
38) Carbon Tetrachloride	5.385	117	11073	5.05	ug/l #	17
59) 2-Hexanone	8.690	43	622	0.20	ug/l #	64
76) 1,2,3-Trichloropropane	10.639	75	53460	21.70	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	53460	63.76	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.851	180	189	1.60	ug/l #	81
95) Naphthalene	14.098	128	1304	2.94	ug/l #	80
96) 1,2,3-Trichlorobenzene	14.330	180	145	1.53	ug/l #	12

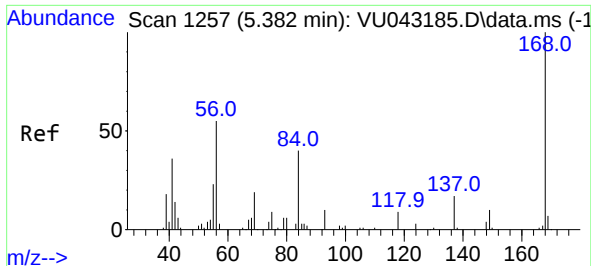
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050521\
Data File : VU043553.D
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Misc : 5.0mL/MSVOA_U/WATER
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Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 05 17:03:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 12 13:17:29 2021
Response via : Initial Calibration

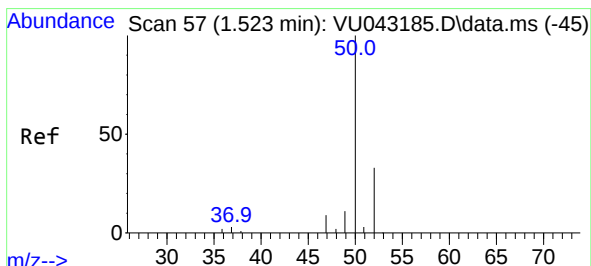
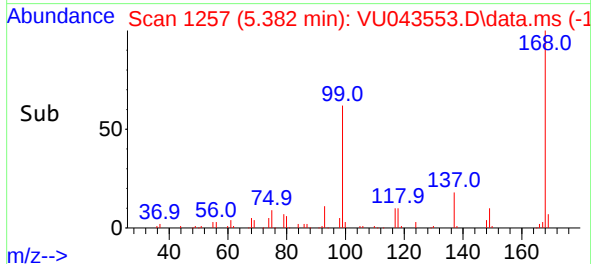
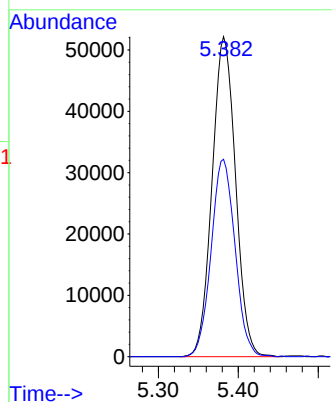
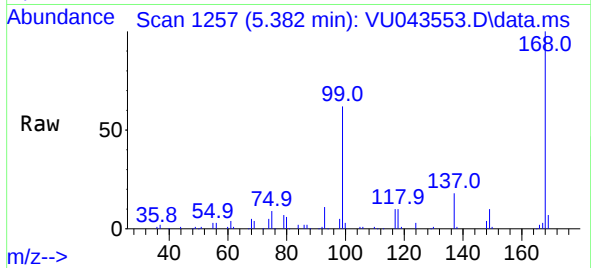




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043553.D
Acq: 05 May 2021 16:42

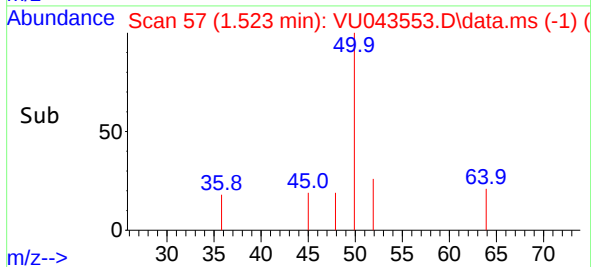
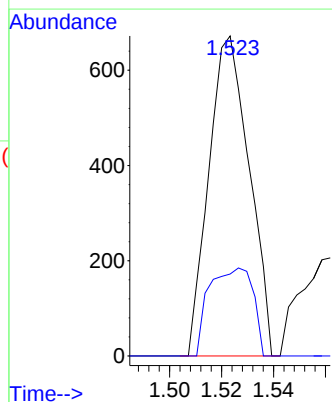
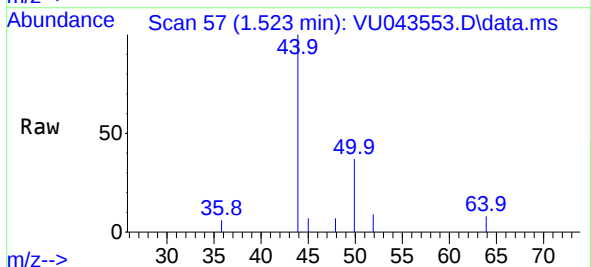
Instrument :
MSVOA_U
ClientSampled :

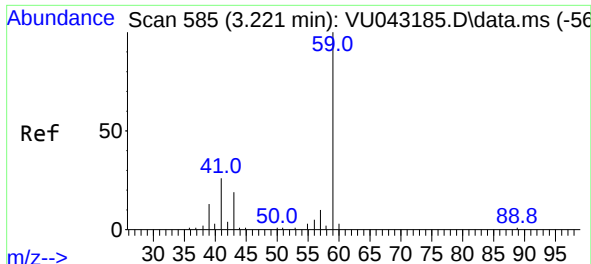
Tgt Ion:168 Resp: 106205
Ion Ratio Lower Upper
168 100
99 61.7 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043553.D
Acq: 05 May 2021 16:42

Tgt Ion: 50 Resp: 725
Ion Ratio Lower Upper
50 100
52 25.6 26.6 40.0#



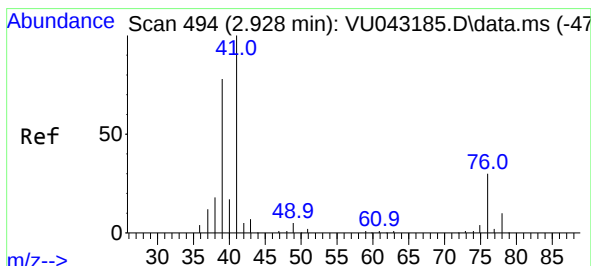
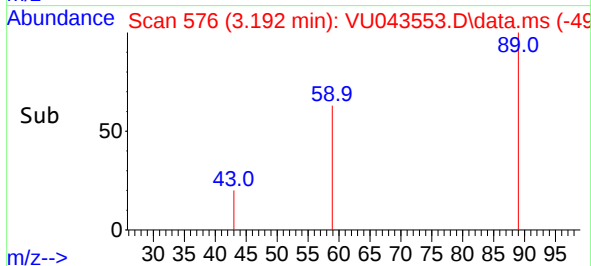
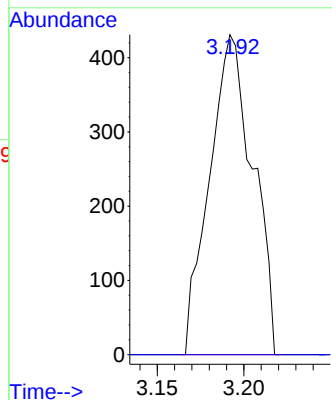
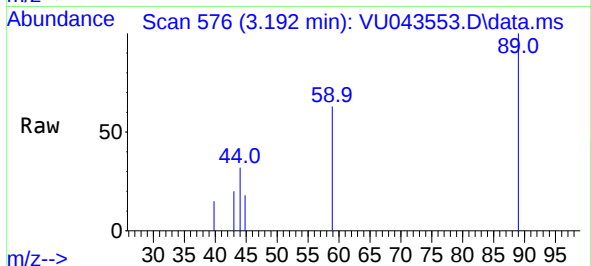


#11

Tert butyl alcohol
Concen: 1.63 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.032 min
Lab File: VU043553.D
Acq: 05 May 2021 16:42

Instrument :
MSVOA_U
ClientSampled :

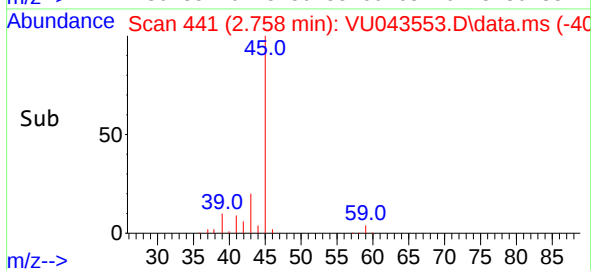
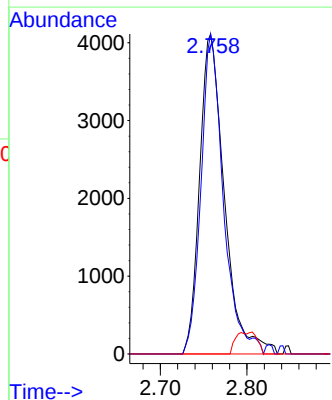
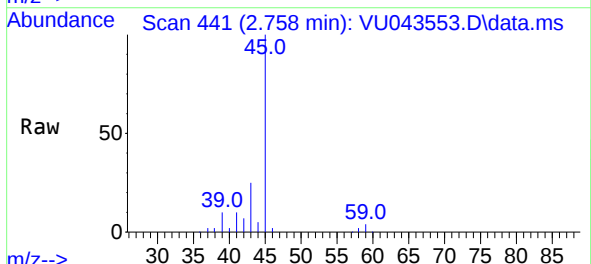
Tgt Ion: 59 Resp: 751
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#

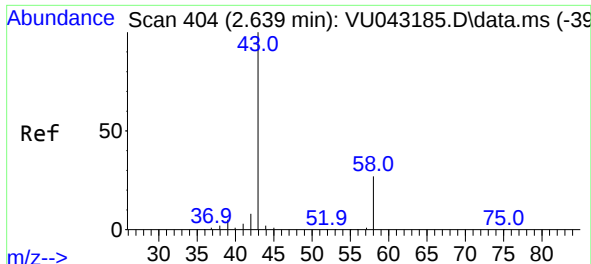


#14

Allyl chloride
Concen: 3.38 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.170 min
Lab File: VU043553.D
Acq: 05 May 2021 16:42

Tgt Ion: 41 Resp: 8151
Ion Ratio Lower Upper
41 100
39 90.7 54.9 82.3#
76 0.0 22.5 33.7#

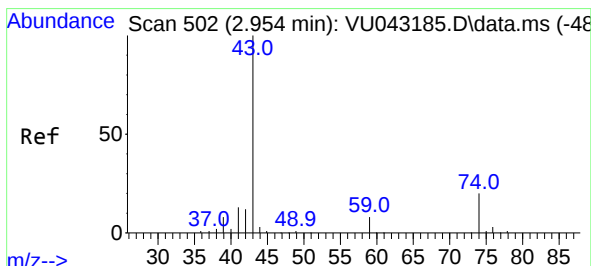
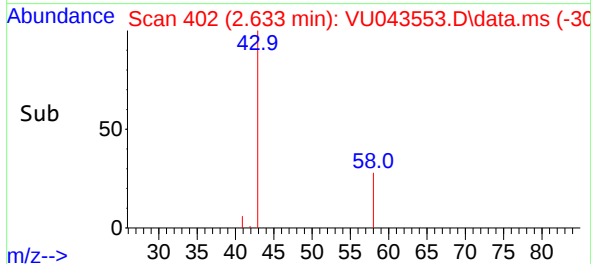
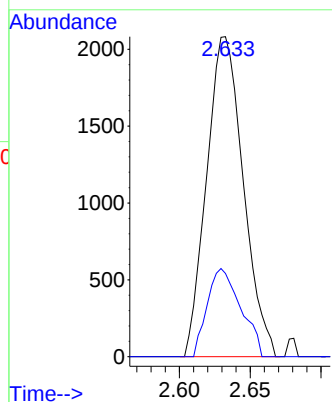
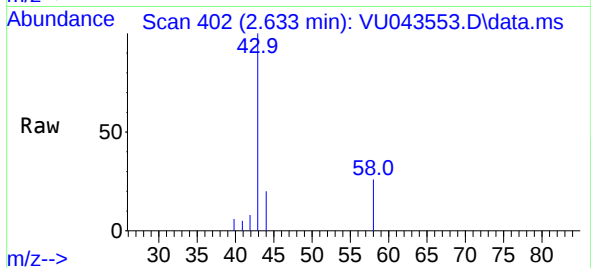




#16
Acetone
Concen: 3.27 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.004 min
Lab File: VU043553.D
Acq: 05 May 2021 16:42

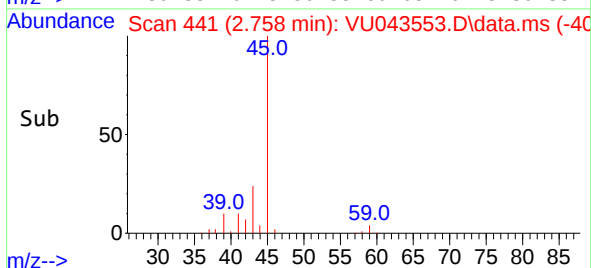
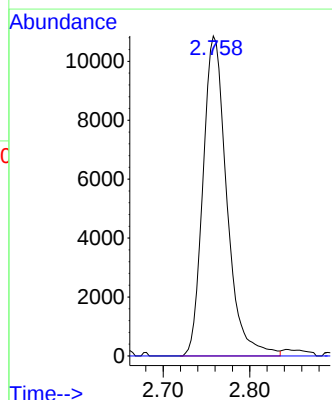
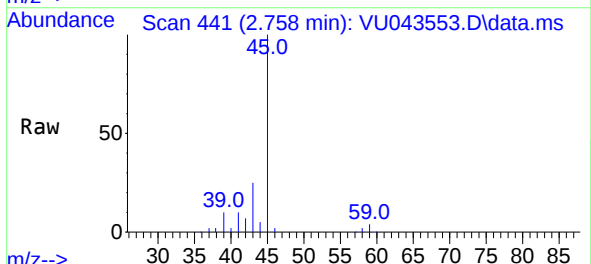
Instrument :
MSVOA_U
ClientSampled :

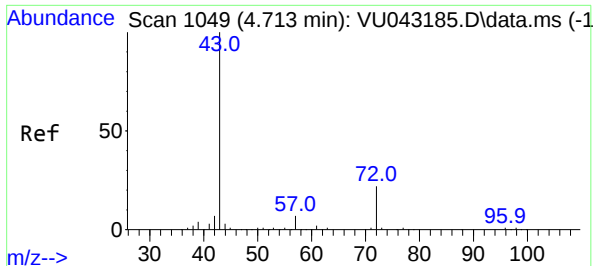
Tgt Ion: 43 Resp: 3747
Ion Ratio Lower Upper
43 100
58 26.0 21.5 32.3



#18
Methyl Acetate
Concen: 9.29 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.193 min
Lab File: VU043553.D
Acq: 05 May 2021 16:42

Tgt Ion: 43 Resp: 20737
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#

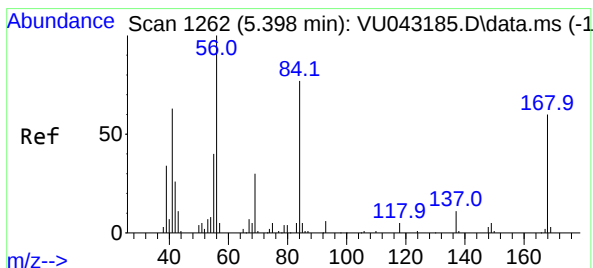
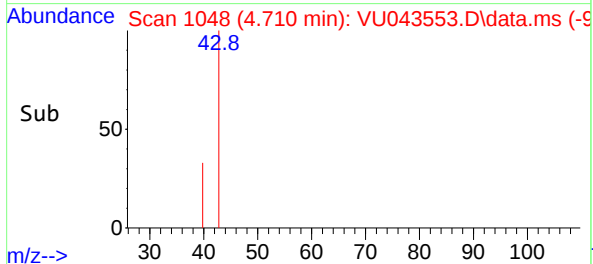
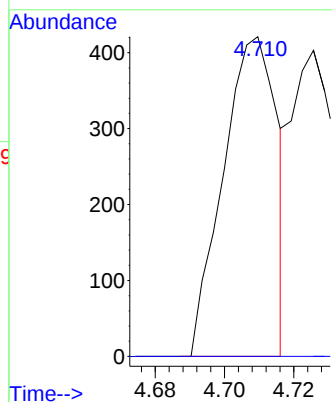
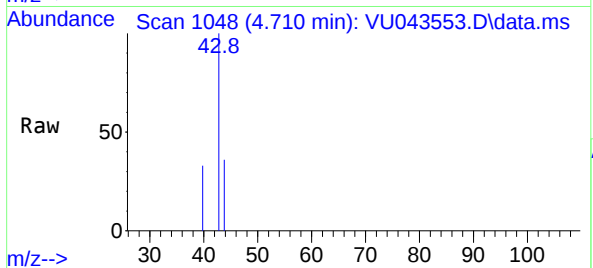




#25
2-Butanone
Concen: 0.28 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU043553.D
Acq: 05 May 2021 16:42

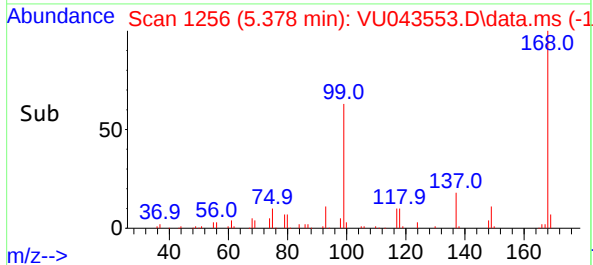
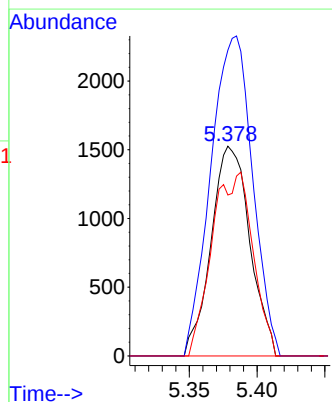
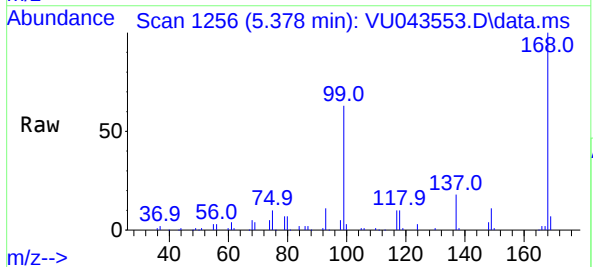
Instrument :
MSVOA_U
ClientSampled :

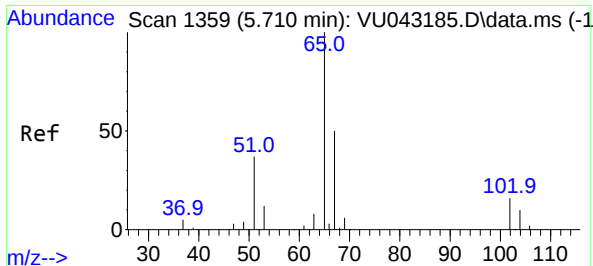
Tgt Ion: 43 Resp: 455
Ion Ratio Lower Upper
43 100
72 0.0 17.4 26.0#



#31
Cyclohexane
Concen: 1.38 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.017 min
Lab File: VU043553.D
Acq: 05 May 2021 16:42

Tgt Ion: 56 Resp: 3033
Ion Ratio Lower Upper
56 100
69 145.8 24.9 37.3#
84 76.7 63.7 95.5



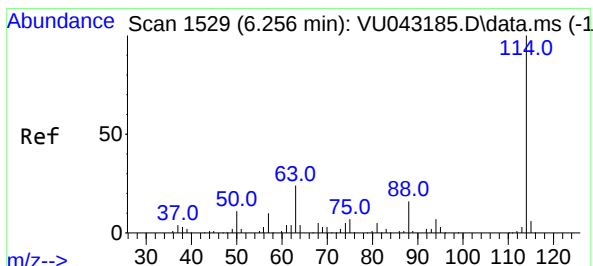
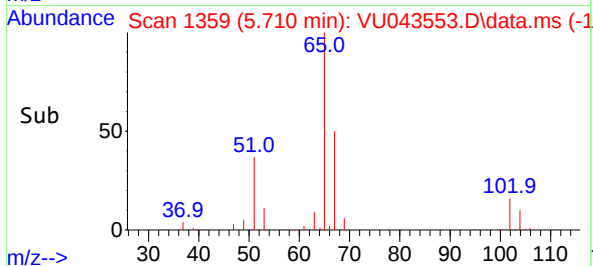
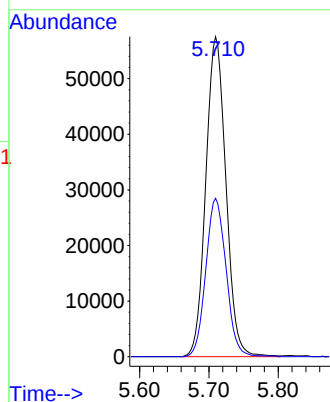
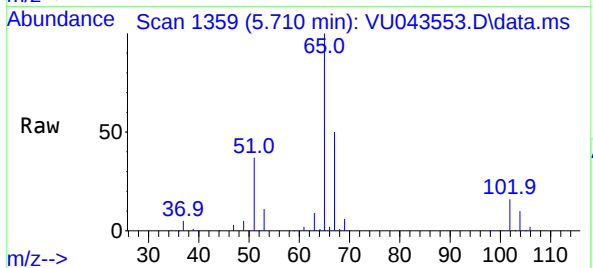


#33

1,2-Dichloroethane-d4
Concen: 64.84 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043553.D
Acq: 05 May 2021 16:42

Instrument :
MSVOA_U
ClientSampleId :

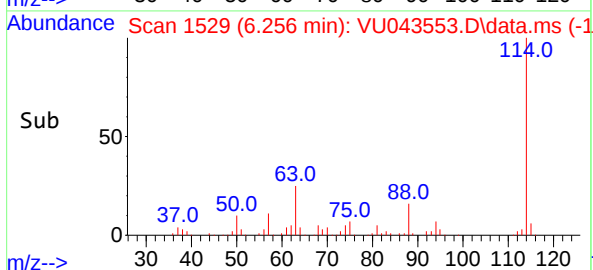
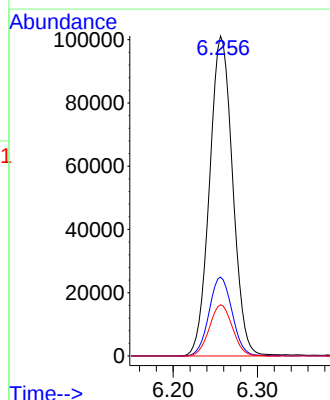
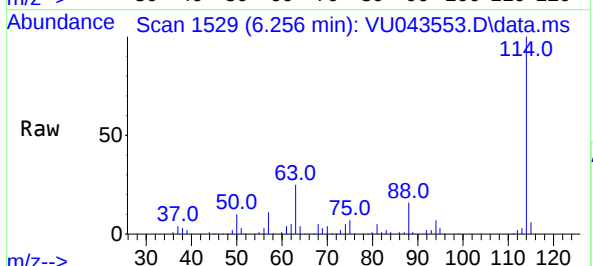
Tgt Ion: 65 Resp: 115772
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.8

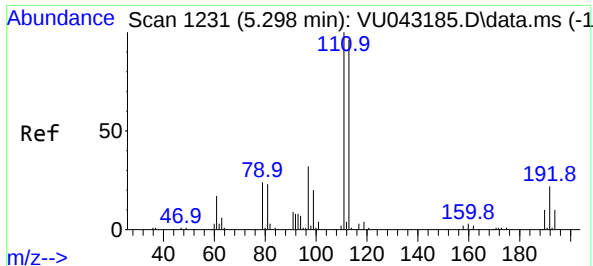


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043553.D
Acq: 05 May 2021 16:42

Tgt Ion:114 Resp: 192707
Ion Ratio Lower Upper
114 100
63 24.7 0.0 44.2
88 16.0 0.0 33.4

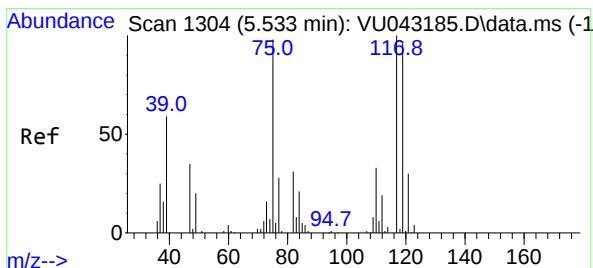
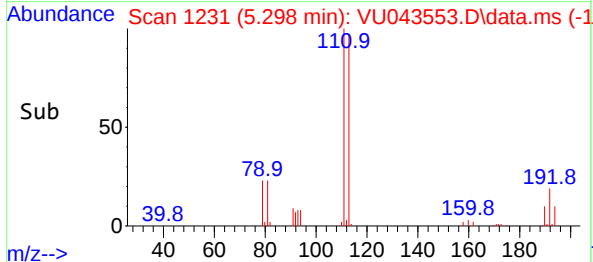
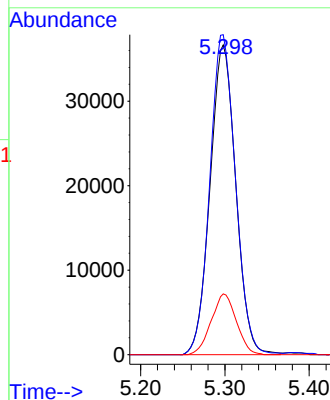
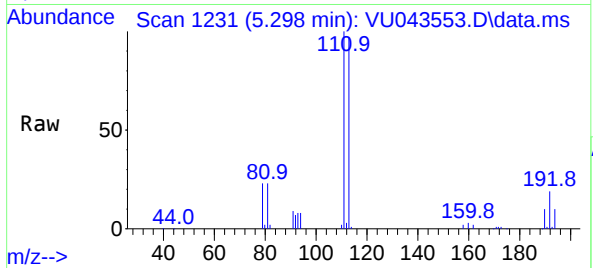




#35
Dibromofluoromethane
Concen: 53.69 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043553.D
Acq: 05 May 2021 16:42

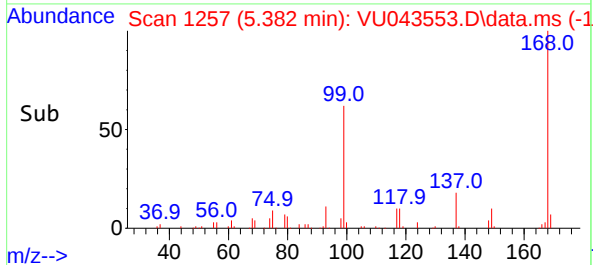
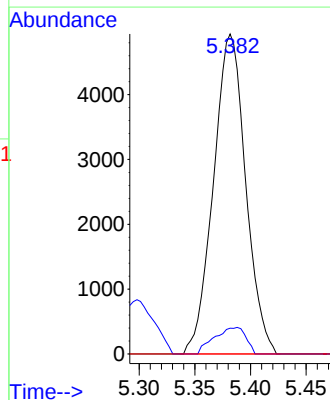
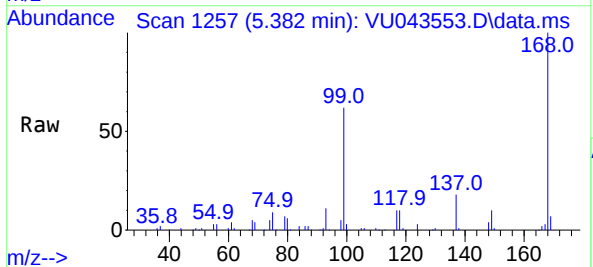
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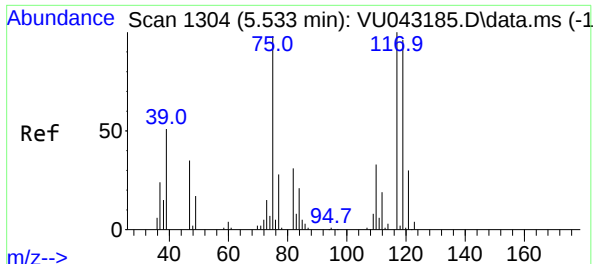
Tgt Ion:113 Resp: 77746
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 19.2 17.2 25.8



#36
1,1-Dichloropropene
Concen: 4.86 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043553.D
Acq: 05 May 2021 16:42

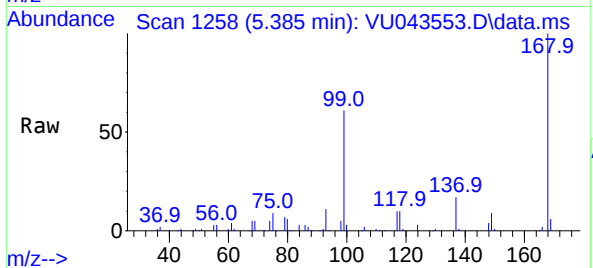
Tgt Ion: 75 Resp: 9938
Ion Ratio Lower Upper
75 100
110 8.1 16.8 50.3#
77 0.0 24.8 37.2#



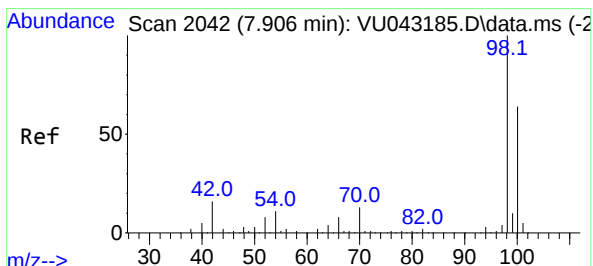
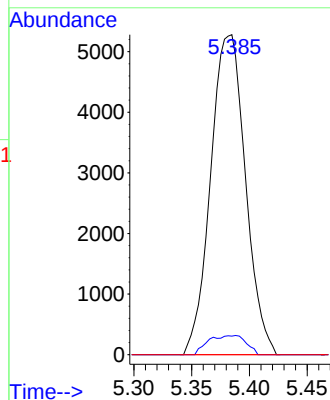
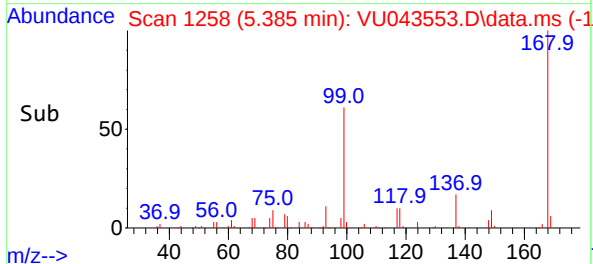


#38
Carbon Tetrachloride
Concen: 5.05 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU043553.D
Acq: 05 May 2021 16:42

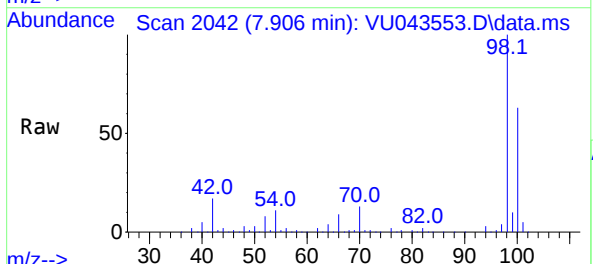
Instrument :
MSVOA_U
ClientSampled :



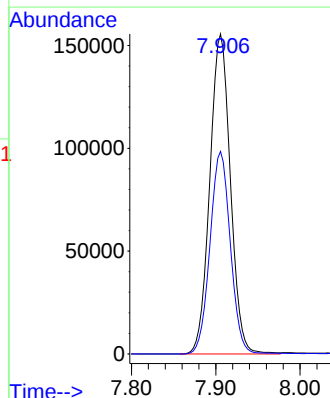
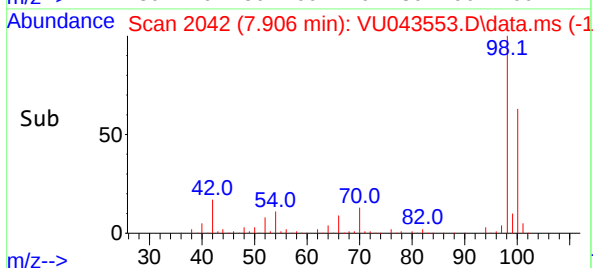
Tgt Ion:117 Resp: 11073
Ion Ratio Lower Upper
117 100
119 5.8 75.5 113.3#
121 0.0 24.7 37.1#

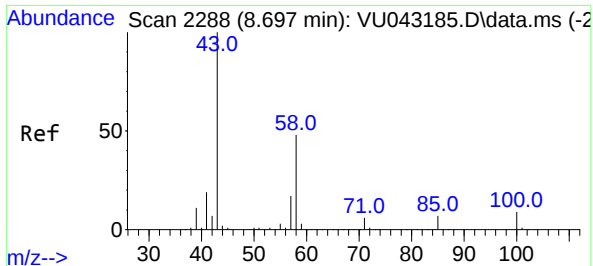


#50
Toluene-d8
Concen: 51.55 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043553.D
Acq: 05 May 2021 16:42



Tgt Ion: 98 Resp: 264134
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2

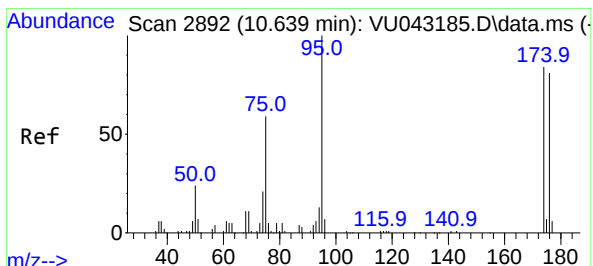
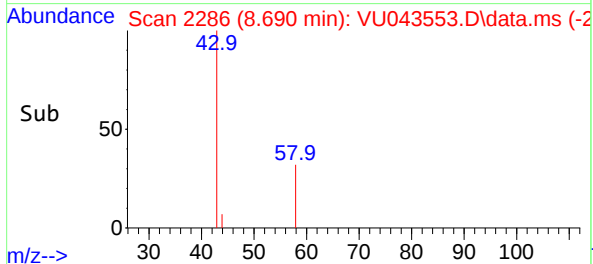
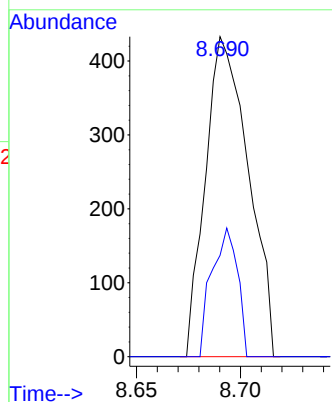
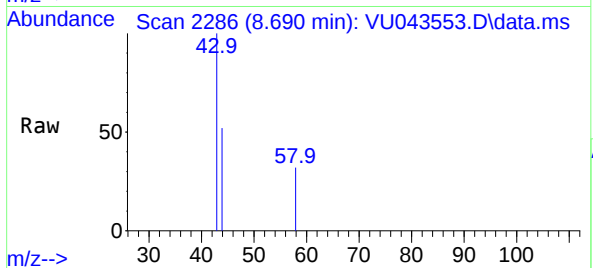




#59
2-Hexanone
Concen: 0.20 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. -0.004 min
Lab File: VU043553.D
Acq: 05 May 2021 16:42

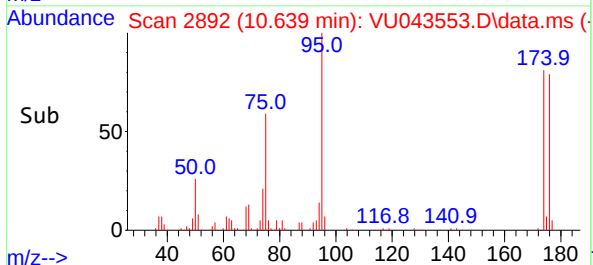
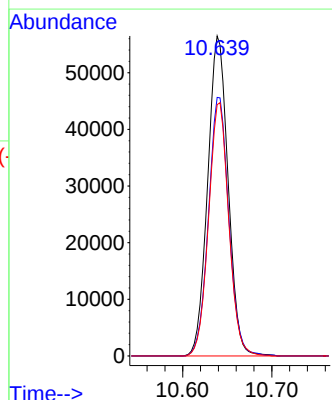
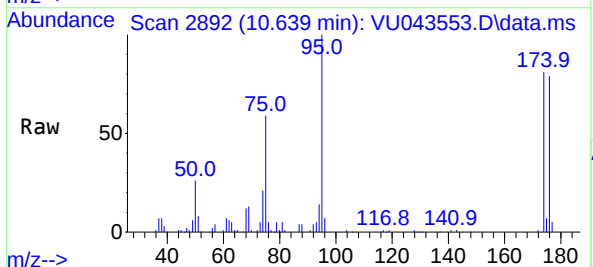
Instrument :
MSVOA_U
ClientSampled :

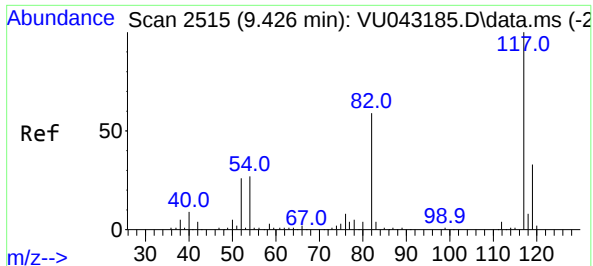
Tgt Ion: 43 Resp: 622
Ion Ratio Lower Upper
43 100
58 24.0 24.0 72.0#



#62
4-Bromofluorobenzene
Concen: 43.77 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043553.D
Acq: 05 May 2021 16:42

Tgt Ion: 95 Resp: 89805
Ion Ratio Lower Upper
95 100
174 80.7 0.0 172.2
176 78.0 0.0 168.8

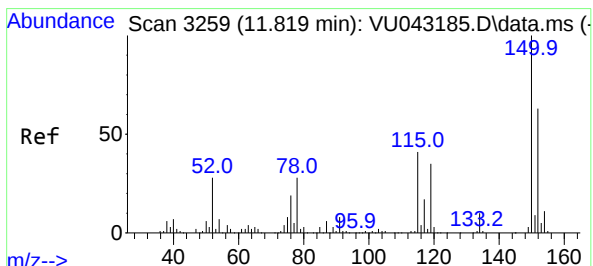
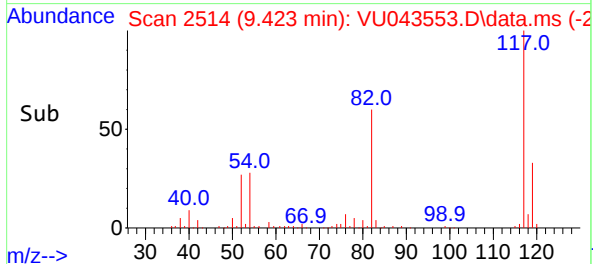
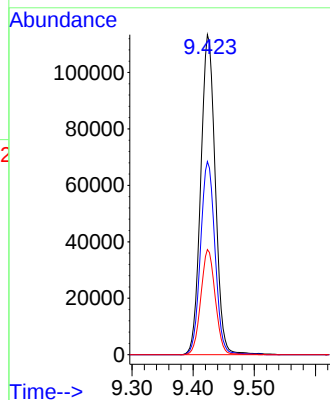
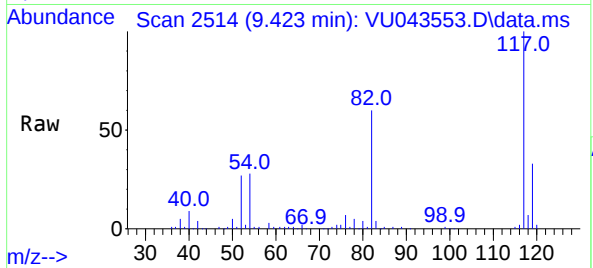




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043553.D
Acq: 05 May 2021 16:42

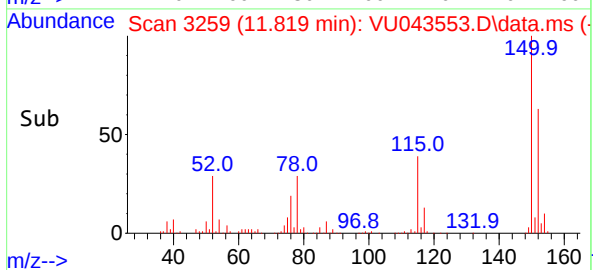
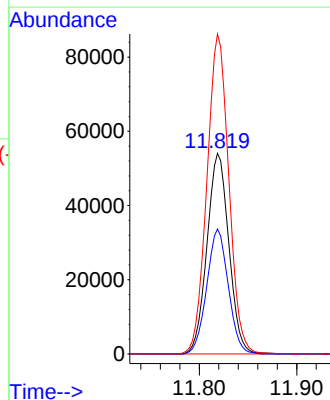
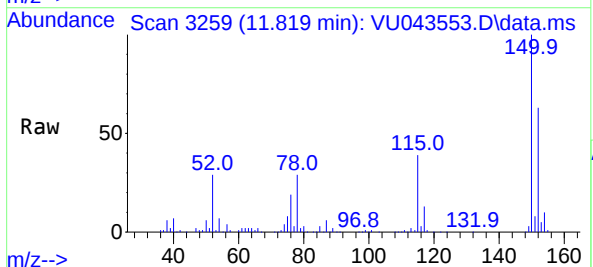
Instrument :
MSVOA_U
ClientSampleId :

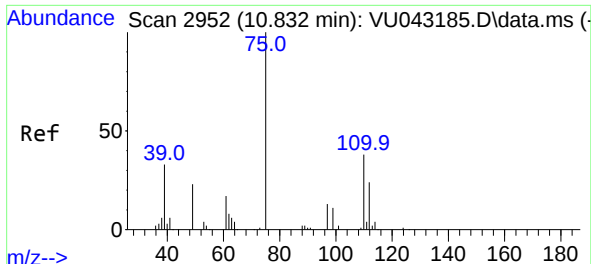
Tgt Ion:117 Resp: 187726
Ion Ratio Lower Upper
117 100
82 60.4 45.8 68.6
119 32.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043553.D
Acq: 05 May 2021 16:42

Tgt Ion:152 Resp: 84310
Ion Ratio Lower Upper
152 100
115 61.1 41.5 124.6
150 159.6 0.0 342.4

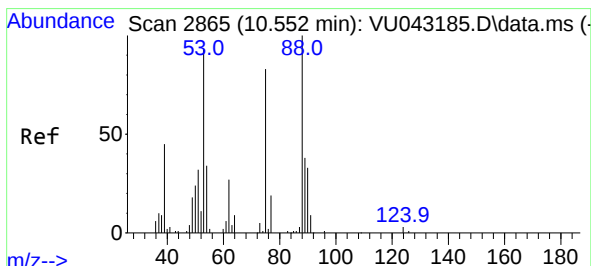
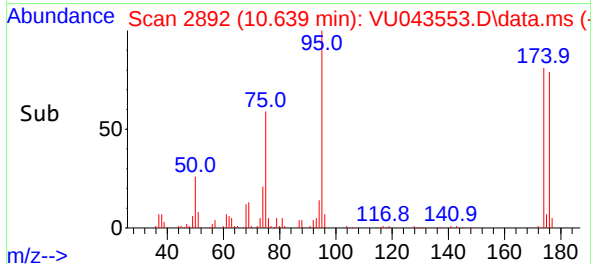
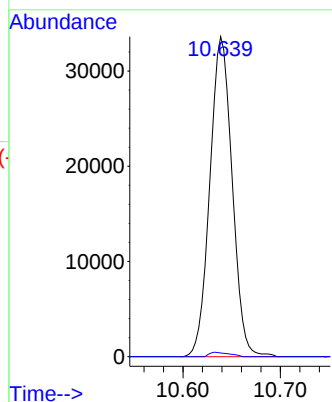
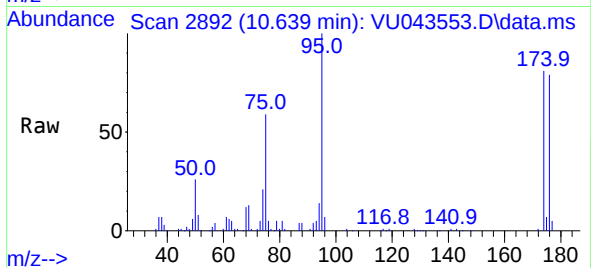




#76
1,2,3-Trichloropropane
Concen: 21.70 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043553.D
Acq: 05 May 2021 16:42

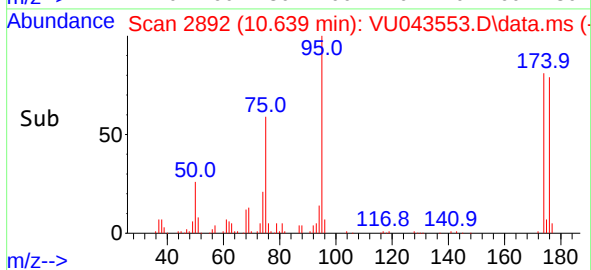
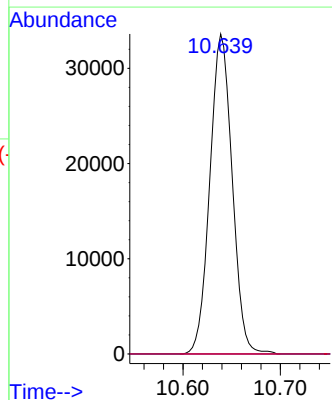
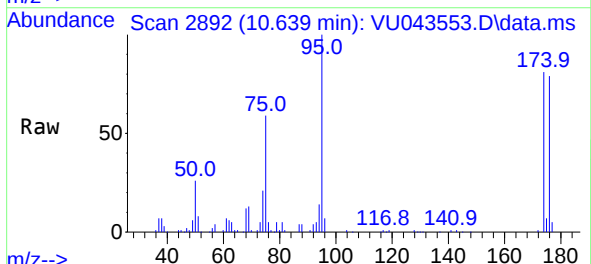
Instrument :
MSVOA_U
ClientSampled :

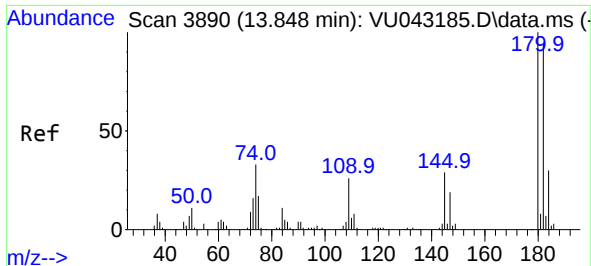
Tgt Ion: 75 Resp: 53460
Ion Ratio Lower Upper
75 100
77 1.2 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.76 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043553.D
Acq: 05 May 2021 16:42

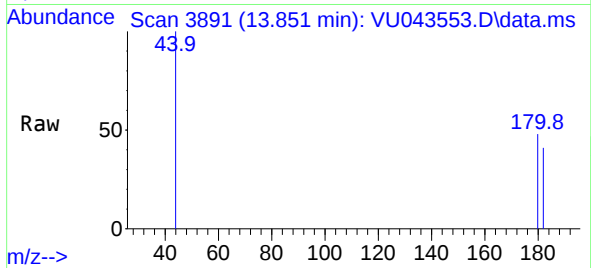
Tgt Ion: 75 Resp: 53460
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



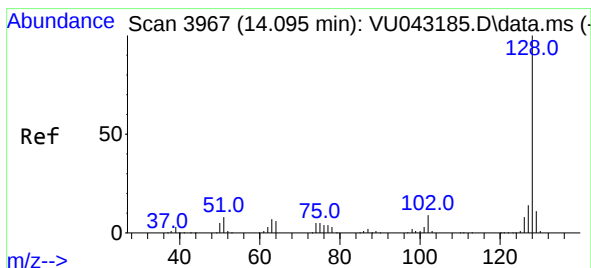
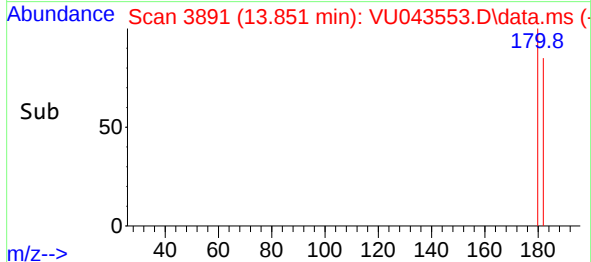
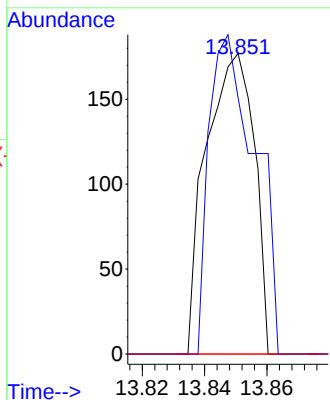


#93
1,2,4-Trichlorobenzene
Concen: 1.60 ug/l
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU043553.D
Acq: 05 May 2021 16:42

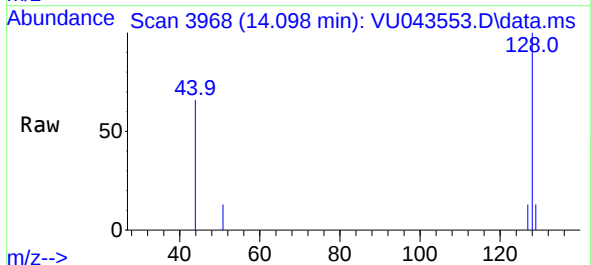
Instrument :
MSVOA_U
ClientSampled :



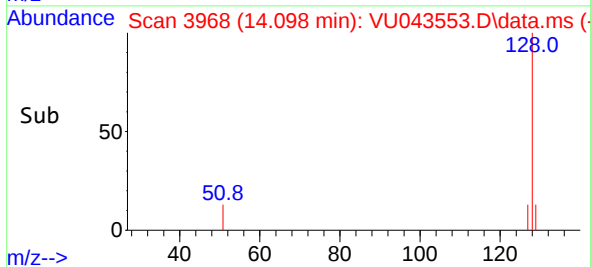
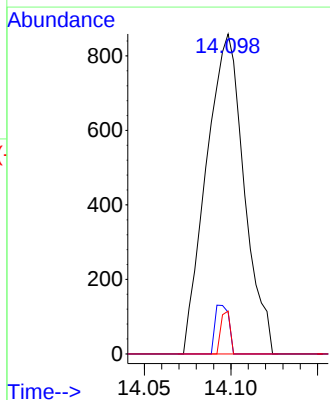
Tgt Ion:180 Resp: 189
Ion Ratio Lower Upper
180 100
182 102.1 46.9 140.8
145 0.0 14.4 43.4#

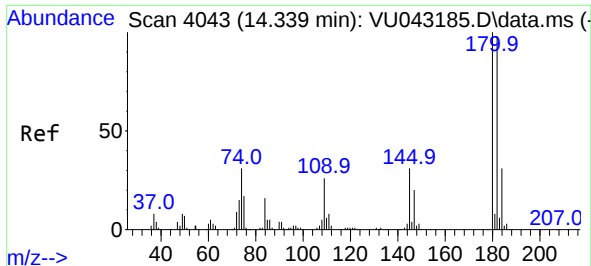


#95
Naphthalene
Concen: 2.94 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VU043553.D
Acq: 05 May 2021 16:42



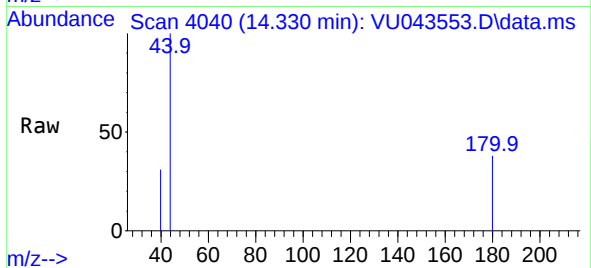
Tgt Ion:128 Resp: 1304
Ion Ratio Lower Upper
128 100
127 5.5 10.8 16.2#
129 3.2 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.53 ug/l
 RT: 14.330 min Scan# 4040
 Delta R.T. -0.006 min
 Lab File: VU043553.D
 Acq: 05 May 2021 16:42

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 145
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.0 144.0#
 145 0.0 15.5 46.5#

