

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040621\
 Data File : VU042964.D
 Acq On : 06 Apr 2021 18:52
 Operator : SY/MD
 Sample : M1949-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 07 01:45:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

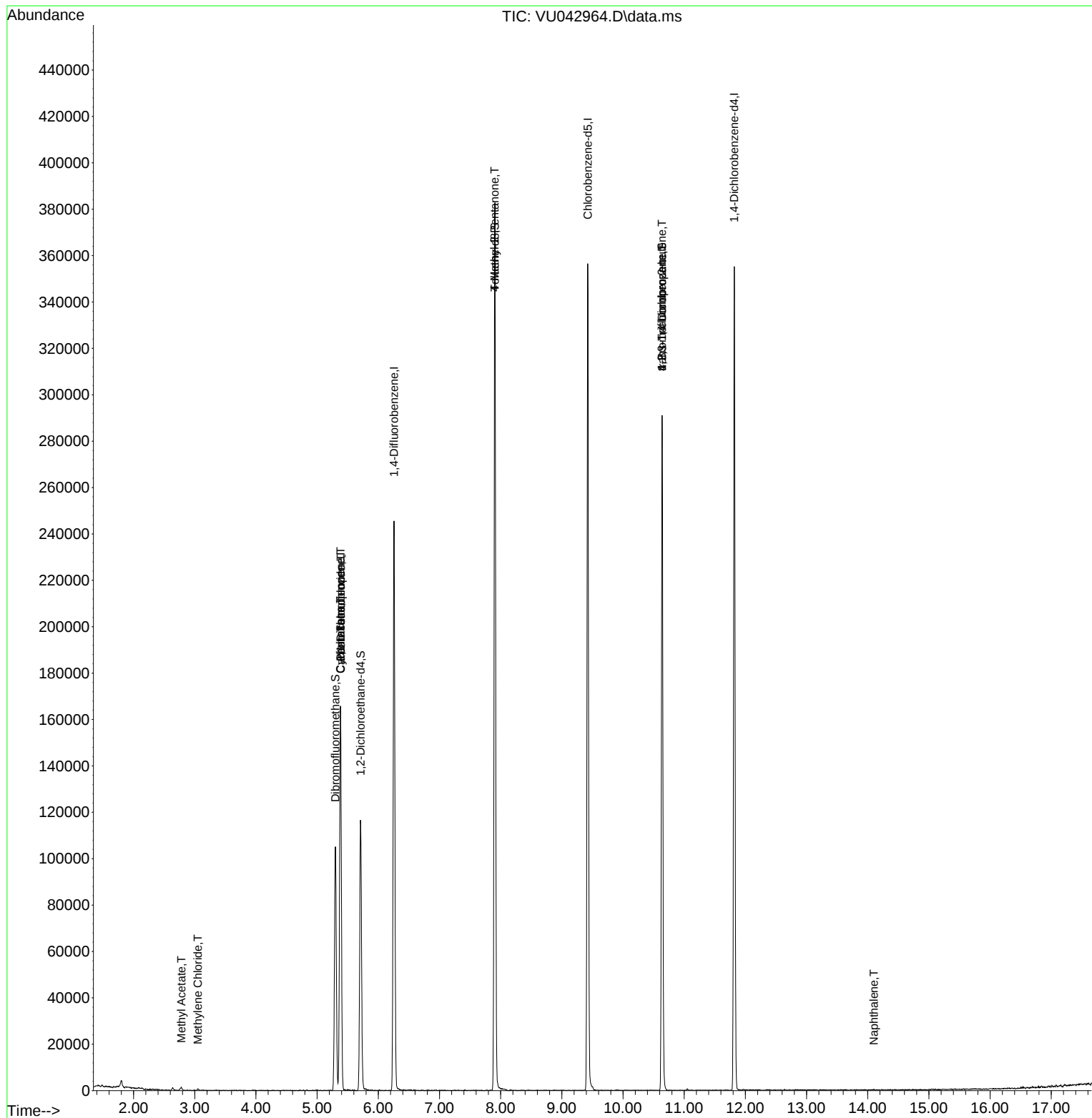
Internal Standards						
1) Pentafluorobenzene	5.382	168	113398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	185356	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	178984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	89458	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	91859	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
35) Dibromofluoromethane	5.298	113	64018	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
50) Toluene-d8	7.906	98	234044	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
62) 4-Bromofluorobenzene	10.639	95	86995	46.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.00%	
Target Compounds					Qvalue	
5) Bromomethane	1.861	94	64	Below Cal	#	2
6) Chloroethane	1.935	64	80	Below Cal	#	43
16) Acetone	2.639	43	1466	Below Cal	#	86
18) Methyl Acetate	2.781	43	556	0.27 ug/l	#	56
20) Methylene Chloride	3.051	84	270	0.21 ug/l	#	73
31) Cyclohexane	5.379	56	2688	1.19 ug/l	#	30
36) 1,1-Dichloropropene	5.382	75	9249	5.04 ug/l	#	50
38) Carbon Tetrachloride	5.385	117	11683	5.58 ug/l	#	16
51) 4-Methyl-2-Pentanone	7.903	43	1213	0.40 ug/l	#	1
76) 1,2,3-Trichloropropane	10.639	75	49169	21.61 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	10.639	75	49169	64.03 ug/l	#	6
95) Naphthalene	14.102	128	209	2.61 ug/l	#	68

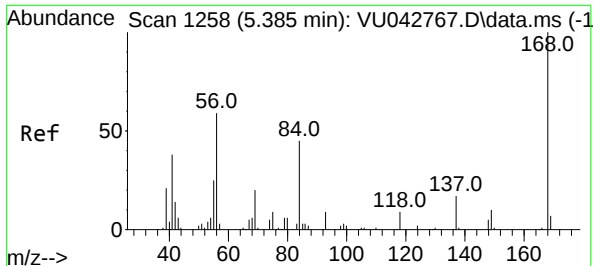
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040621\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

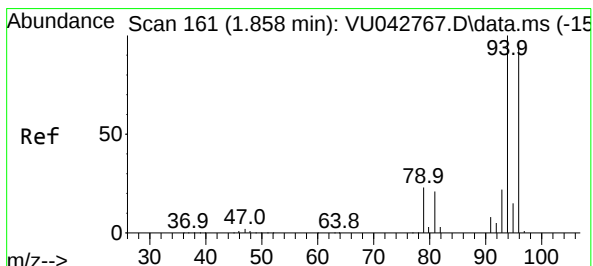
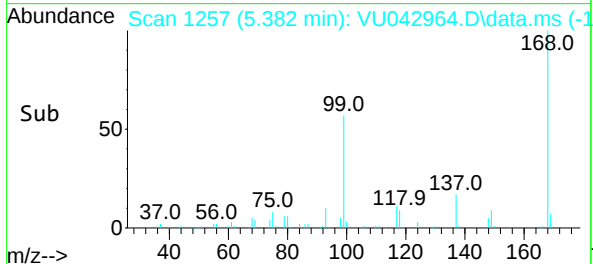
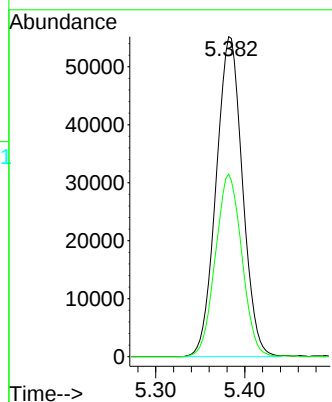
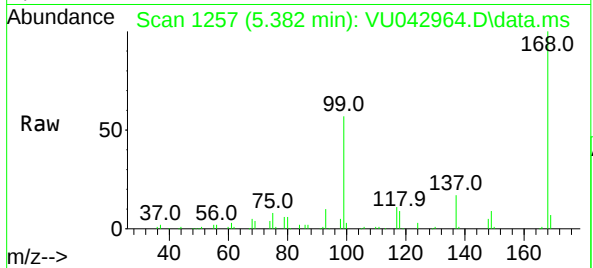




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042964.D
Acq: 06 Apr 2021 18:52

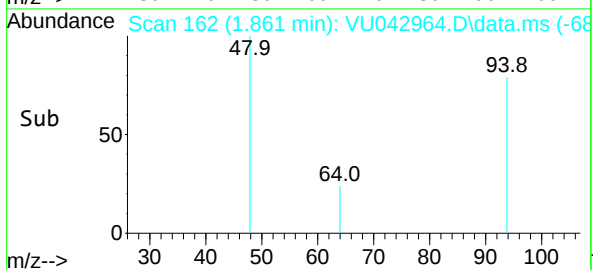
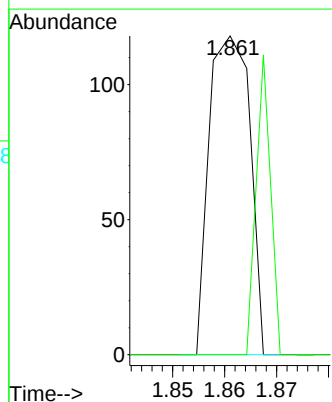
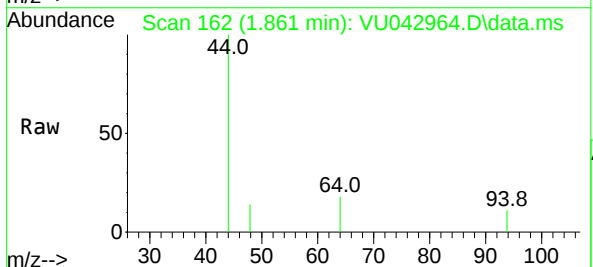
Instrument :
MSVOA_U
ClientSampled :

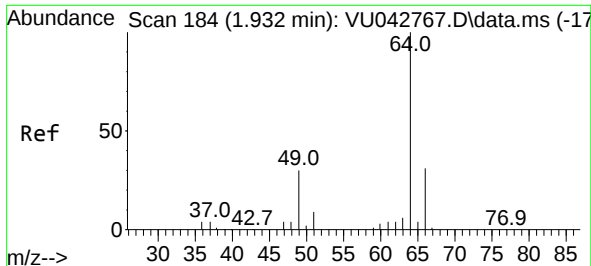
Tgt Ion:168 Resp: 113398
Ion Ratio Lower Upper
168 100
99 57.1 46.4 69.6



#5
Bromomethane
Concen: Below Cal
RT: 1.861 min Scan# 162
Delta R.T. 0.003 min
Lab File: VU042964.D
Acq: 06 Apr 2021 18:52

Tgt Ion: 94 Resp: 64
Ion Ratio Lower Upper
94 100
96 0.0 77.1 115.7#

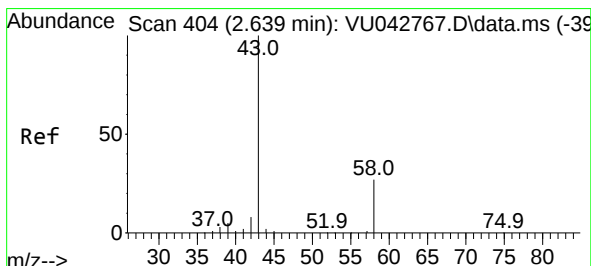
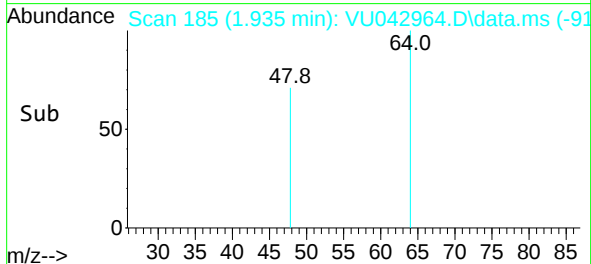
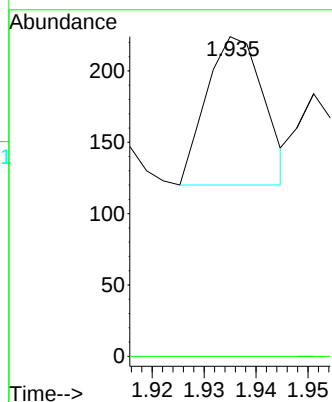
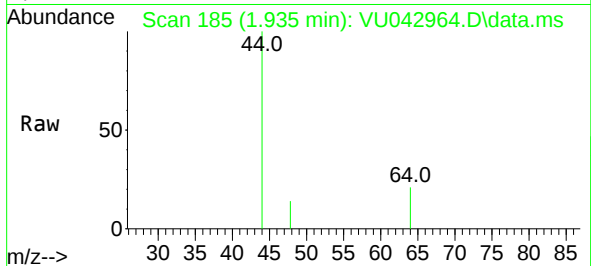




#6
Chloroethane
Concen: Below Cal
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU042964.D
Acq: 06 Apr 2021 18:52

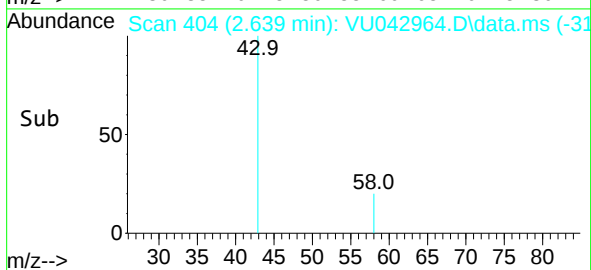
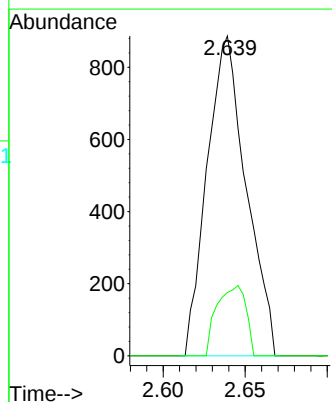
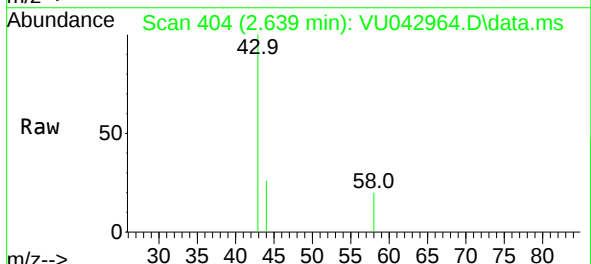
Instrument :
MSVOA_U
ClientSampled :

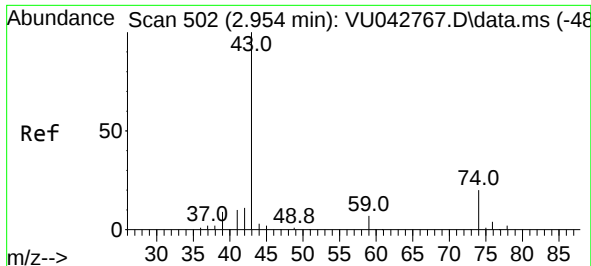
Tgt Ion: 64 Resp: 80
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.6#



#16
Acetone
Concen: Below Cal
RT: 2.639 min Scan# 404
Delta R.T. 0.000 min
Lab File: VU042964.D
Acq: 06 Apr 2021 18:52

Tgt Ion: 43 Resp: 1466
Ion Ratio Lower Upper
43 100
58 19.8 21.6 32.4#

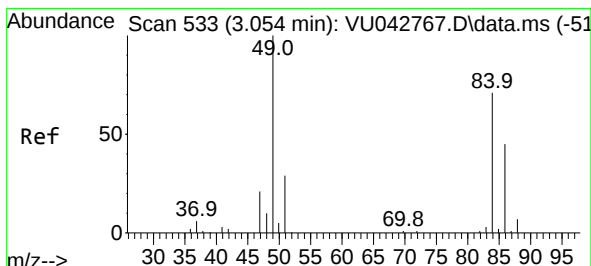
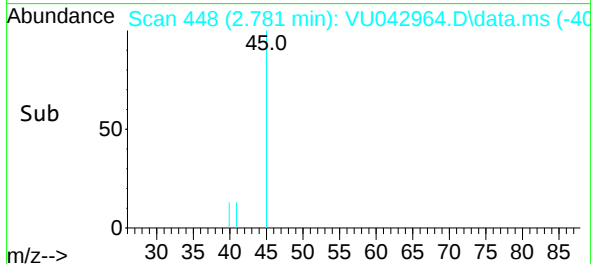
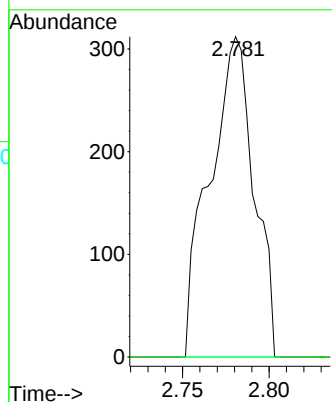
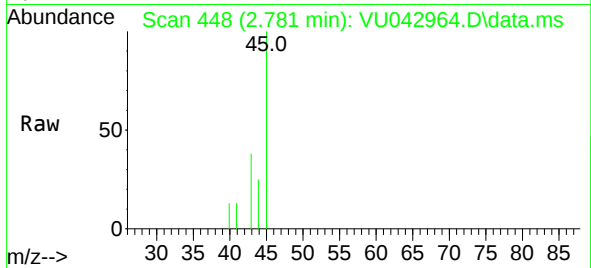




#18
Methyl Acetate
Concen: 0.27 ug/l
RT: 2.781 min Scan# 448
Delta R.T. -0.174 min
Lab File: VU042964.D
Acq: 06 Apr 2021 18:52

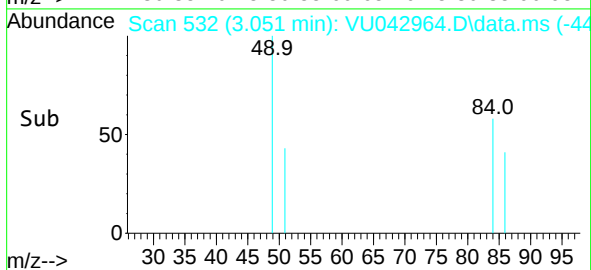
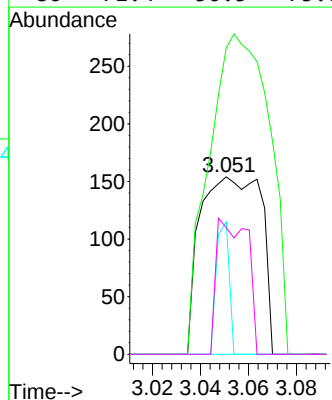
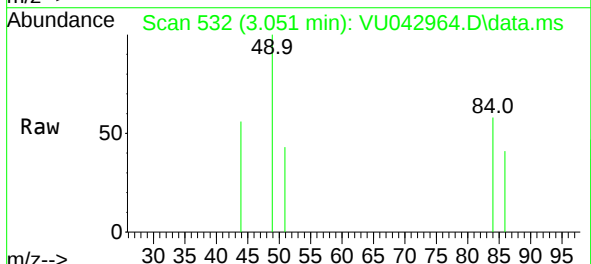
Instrument :
MSVOA_U
ClientSampled :

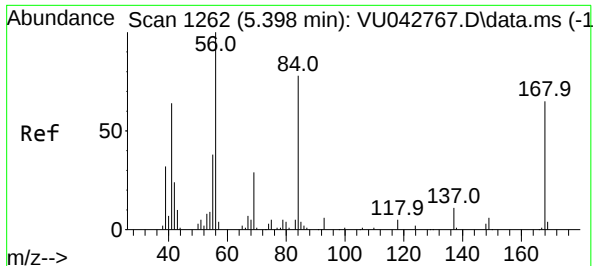
Tgt Ion: 43 Resp: 556
Ion Ratio Lower Upper
43 100
74 0.0 16.2 24.4#



#20
Methylene Chloride
Concen: 0.21 ug/l
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU042964.D
Acq: 06 Apr 2021 18:52

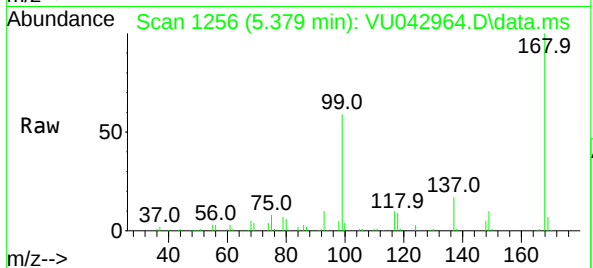
Tgt Ion: 84 Resp: 270
Ion Ratio Lower Upper
84 100
49 172.7 113.0 169.4#
51 74.7 32.9 49.3#
86 71.4 50.5 75.7



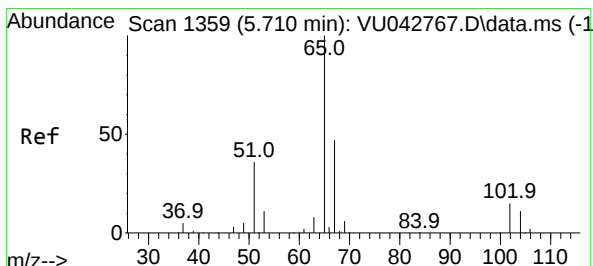
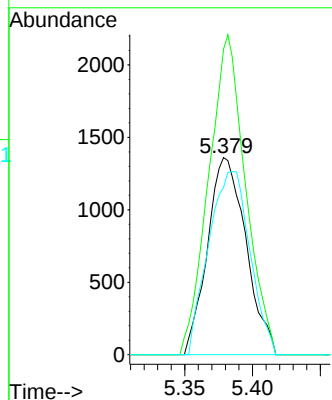
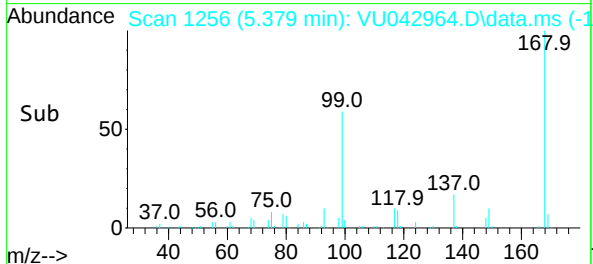


#31
Cyclohexane
Concen: 1.19 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.019 min
Lab File: VU042964.D
Acq: 06 Apr 2021 18:52

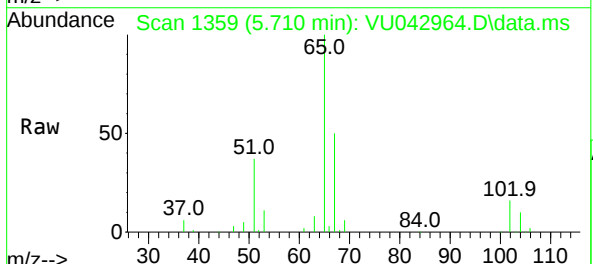
Instrument :
MSVOA_U
ClientSampleId :



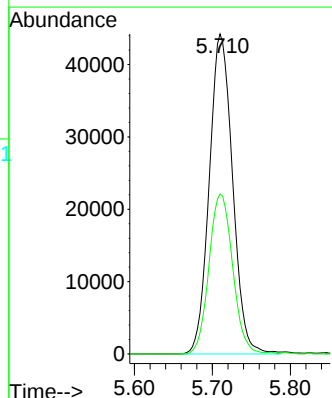
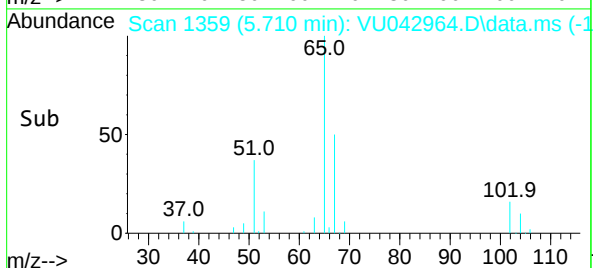
Tgt Ion: 56 Resp: 2688
Ion Ratio Lower Upper
56 100
69 155.0 23.3 34.9#
84 84.9 62.2 93.4

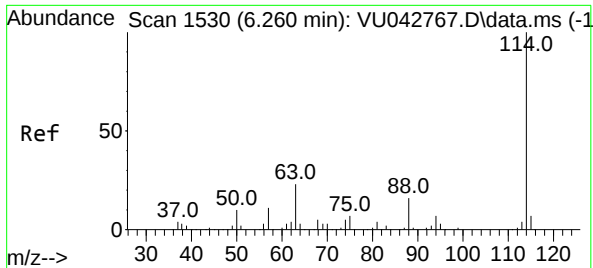


#33
1,2-Dichloroethane-d4
Concen: 50.81 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042964.D
Acq: 06 Apr 2021 18:52



Tgt Ion: 65 Resp: 91859
Ion Ratio Lower Upper
65 100
67 50.7 0.0 98.8

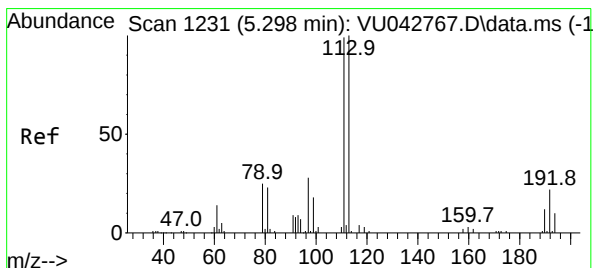
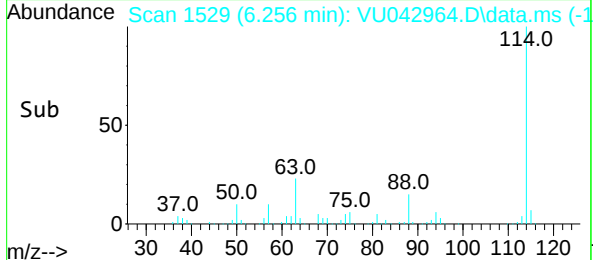
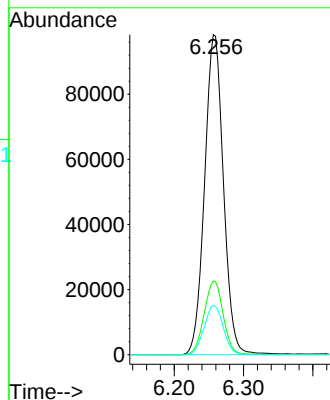
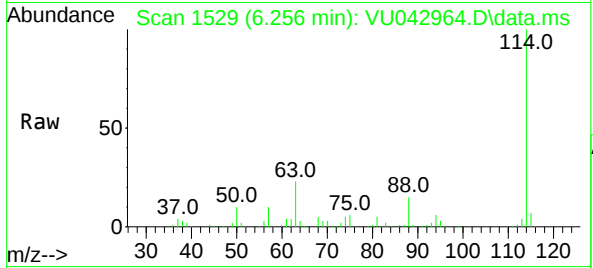




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.004 min
Lab File: VU042964.D
Acq: 06 Apr 2021 18:52

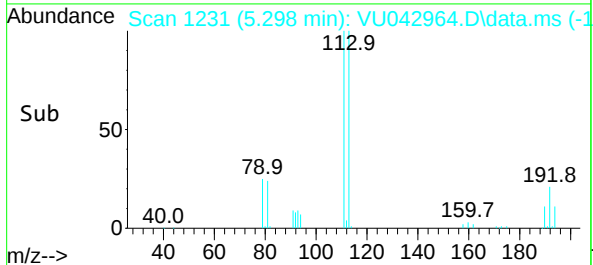
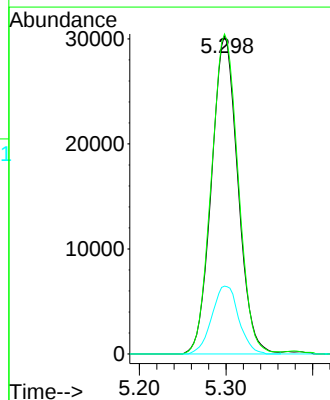
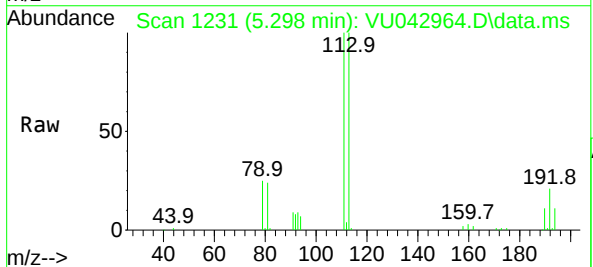
Instrument :
MSVOA_U
ClientSampleId :

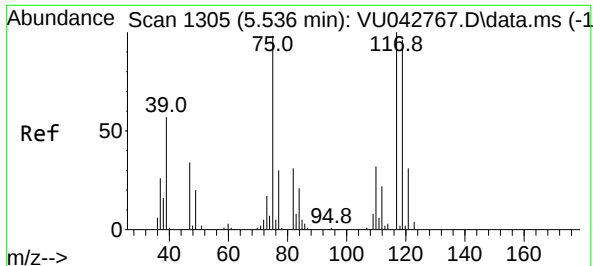
Tgt Ion:114 Resp: 185356
Ion Ratio Lower Upper
114 100
63 23.1 0.0 46.8
88 15.5 0.0 32.2



#35
Dibromofluoromethane
Concen: 46.28 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042964.D
Acq: 06 Apr 2021 18:52

Tgt Ion:113 Resp: 64018
Ion Ratio Lower Upper
113 100
111 102.4 82.1 123.1
192 21.7 17.6 26.4

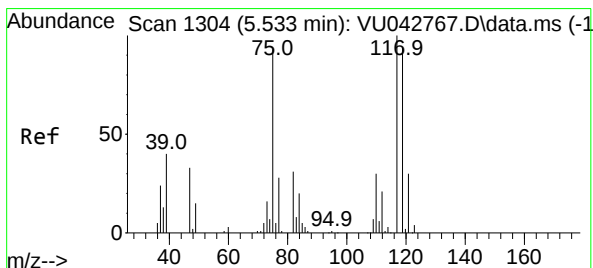
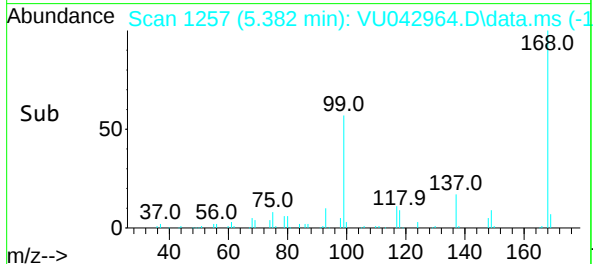
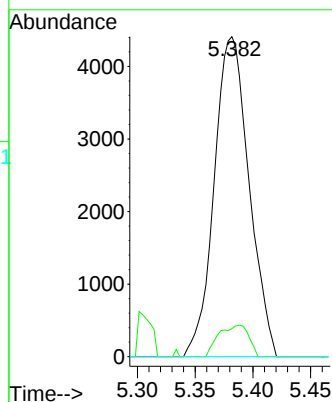
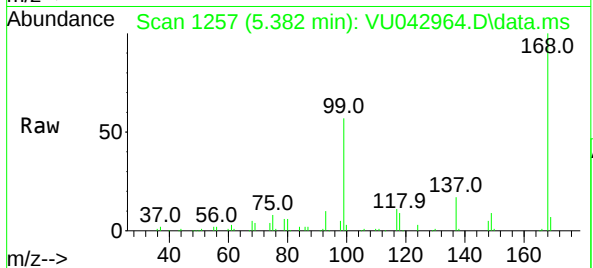




#36
1,1-Dichloropropene
Concen: 5.04 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.154 min
Lab File: VU042964.D
Acq: 06 Apr 2021 18:52

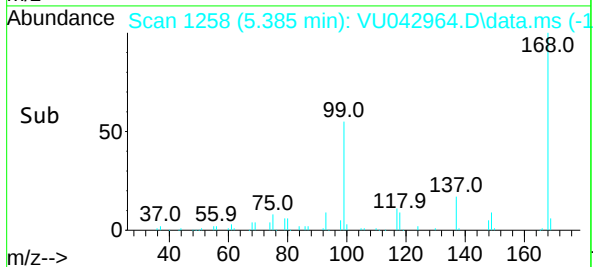
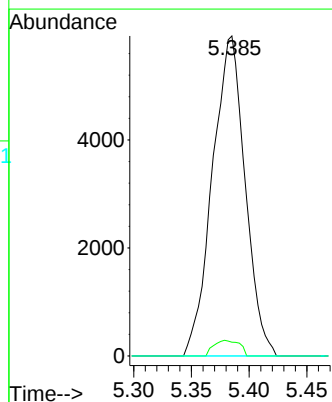
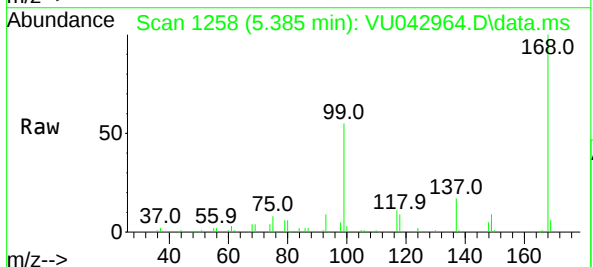
Instrument :
MSVOA_U
ClientSampled :

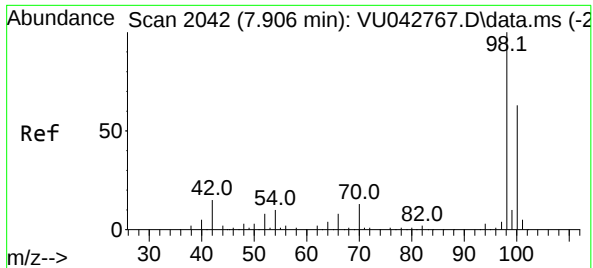
Tgt Ion: 75 Resp: 9249
Ion Ratio Lower Upper
75 100
110 8.5 16.6 49.7#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.58 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU042964.D
Acq: 06 Apr 2021 18:52

Tgt Ion: 117 Resp: 11683
Ion Ratio Lower Upper
117 100
119 4.3 75.2 112.8#
121 0.0 24.2 36.4#

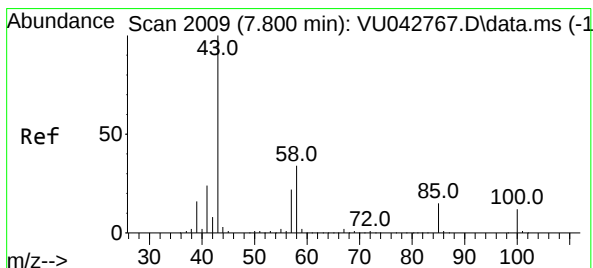
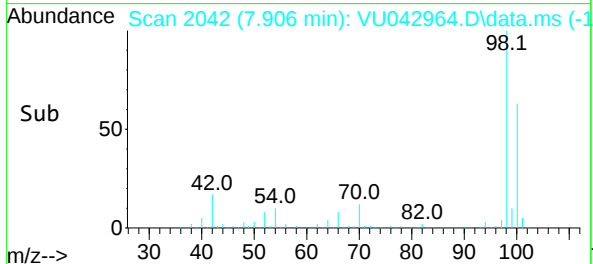
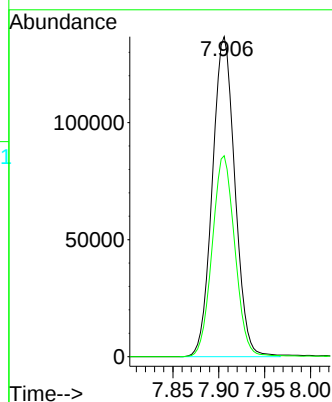
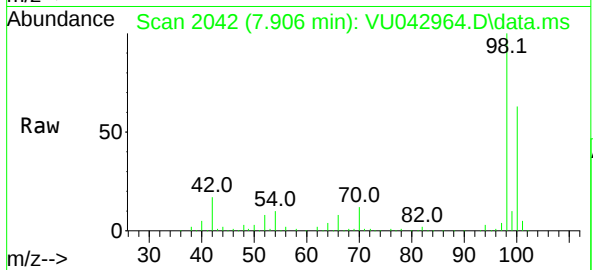




#50
Toluene-d8
Concen: 48.09 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042964.D
Acq: 06 Apr 2021 18:52

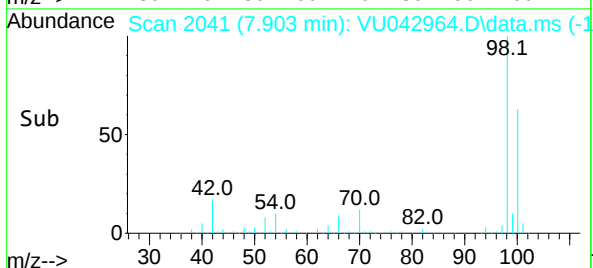
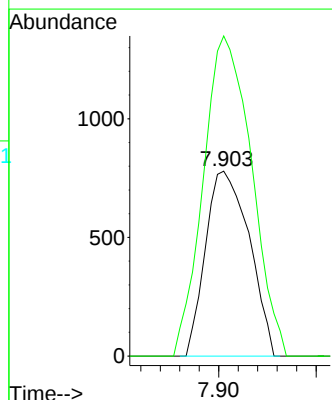
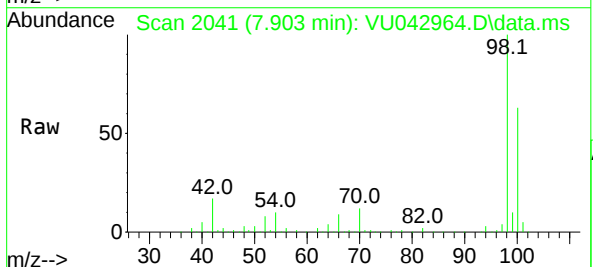
Instrument :
MSVOA_U
ClientSampleId :

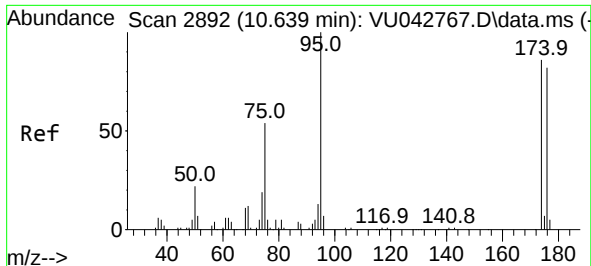
Tgt Ion: 98 Resp: 234044
Ion Ratio Lower Upper
98 100
100 63.1 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.40 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.103 min
Lab File: VU042964.D
Acq: 06 Apr 2021 18:52

Tgt Ion: 43 Resp: 1213
Ion Ratio Lower Upper
43 100
58 190.8 27.4 41.2#

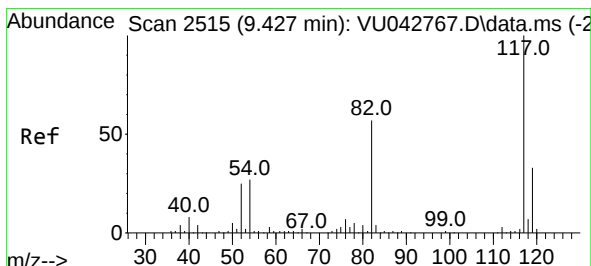
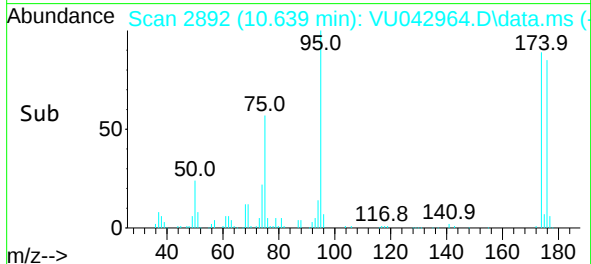
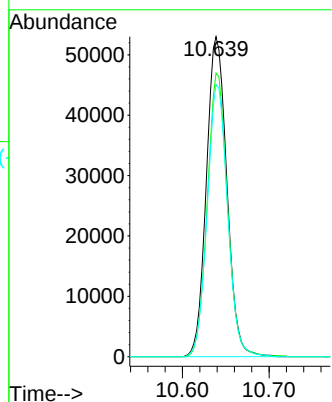
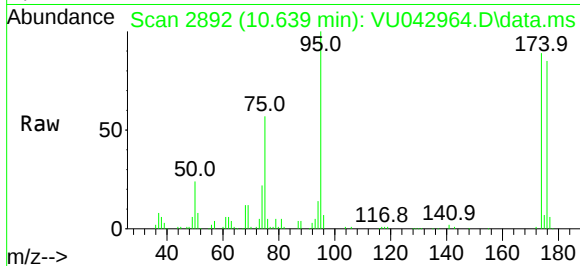




#62
4-Bromofluorobenzene
Concen: 46.00 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042964.D
Acq: 06 Apr 2021 18:52

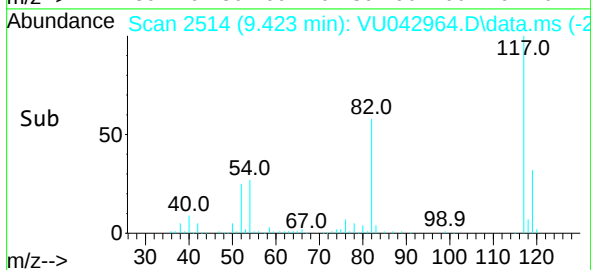
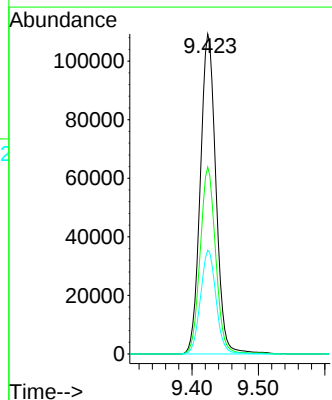
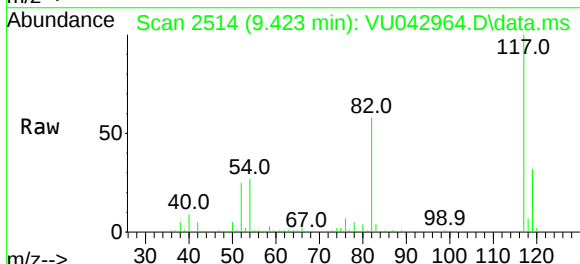
Instrument :
MSVOA_U
ClientSampleId :

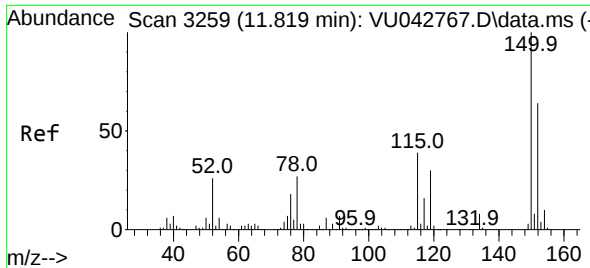
Tgt Ion: 95 Resp: 86995
Ion Ratio Lower Upper
95 100
174 87.2 0.0 175.2
176 84.6 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042964.D
Acq: 06 Apr 2021 18:52

Tgt Ion: 117 Resp: 178984
Ion Ratio Lower Upper
117 100
82 58.4 45.5 68.3
119 32.4 26.2 39.4

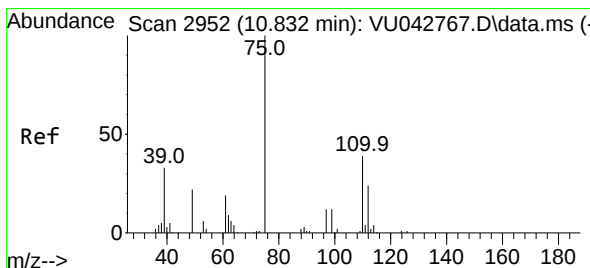
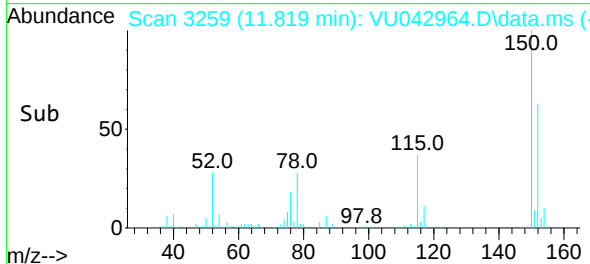
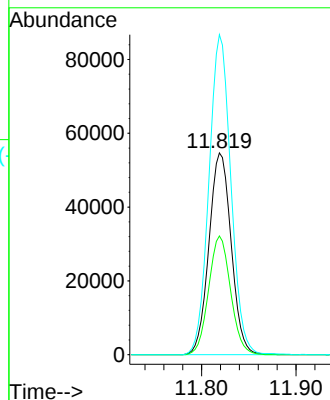
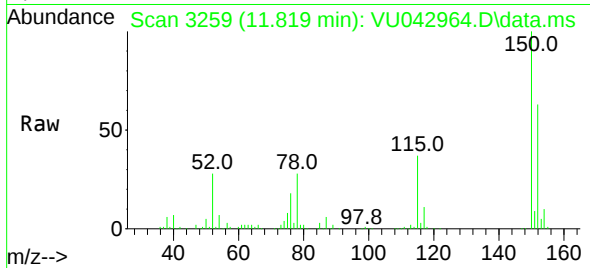




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU042964.D
 Acq: 06 Apr 2021 18:52

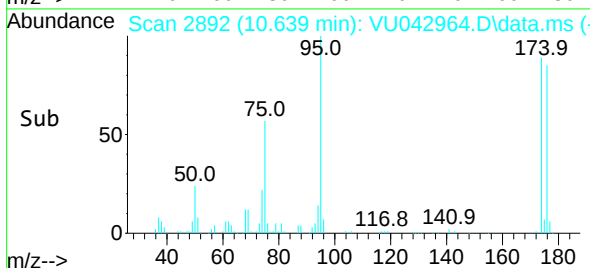
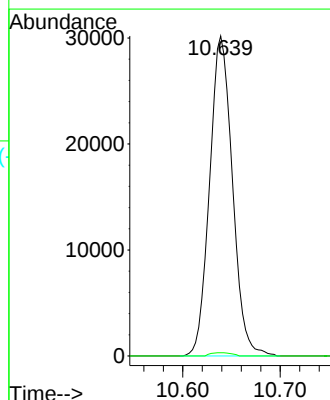
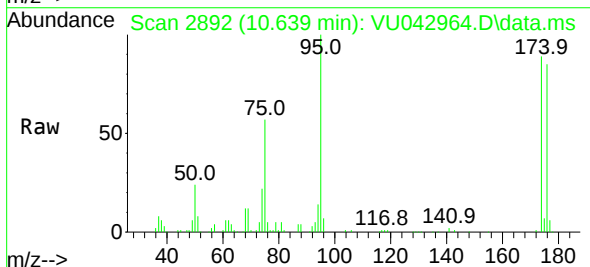
Instrument :
 MSVOA_U
 ClientSampled :

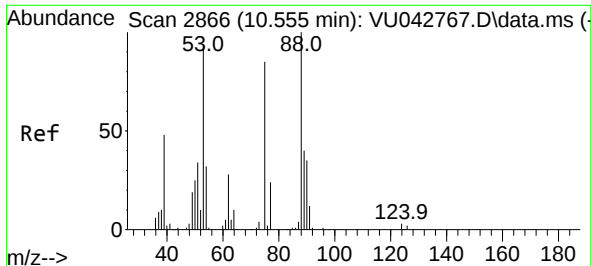
Tgt Ion:152 Resp: 89458
 Ion Ratio Lower Upper
 152 100
 115 57.9 41.0 123.0
 150 156.3 0.0 341.0



#76
 1,2,3-Trichloropropane
 Concen: 21.61 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU042964.D
 Acq: 06 Apr 2021 18:52

Tgt Ion: 75 Resp: 49169
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.6 58.8#

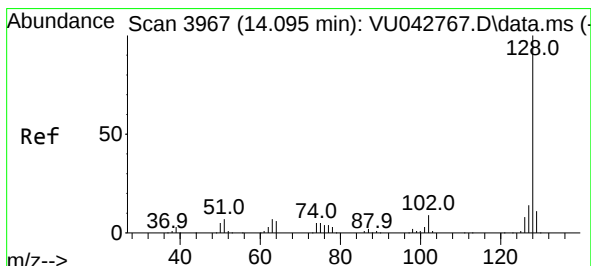
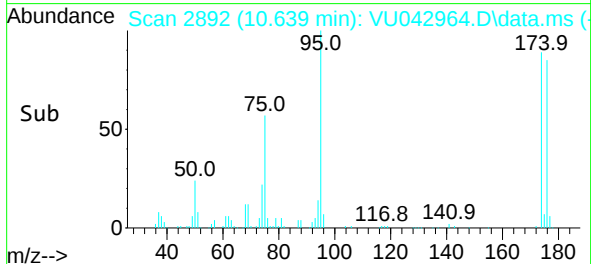
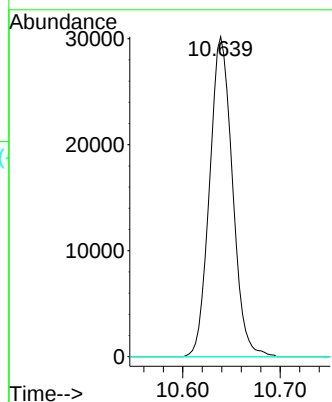
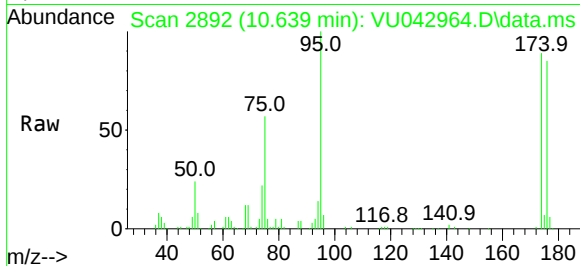




#81
trans-1,4-Dichloro-2-butene
Concen: 64.03 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU042964.D
Acq: 06 Apr 2021 18:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 49169
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.61 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.007 min
Lab File: VU042964.D
Acq: 06 Apr 2021 18:52

Tgt Ion:128 Resp: 209
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.7 13.1#

