

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040621\
 Data File : VU042958.D
 Acq On : 06 Apr 2021 16:34
 Operator : SY/MD
 Sample : M1951-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 07 01:44:13 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)

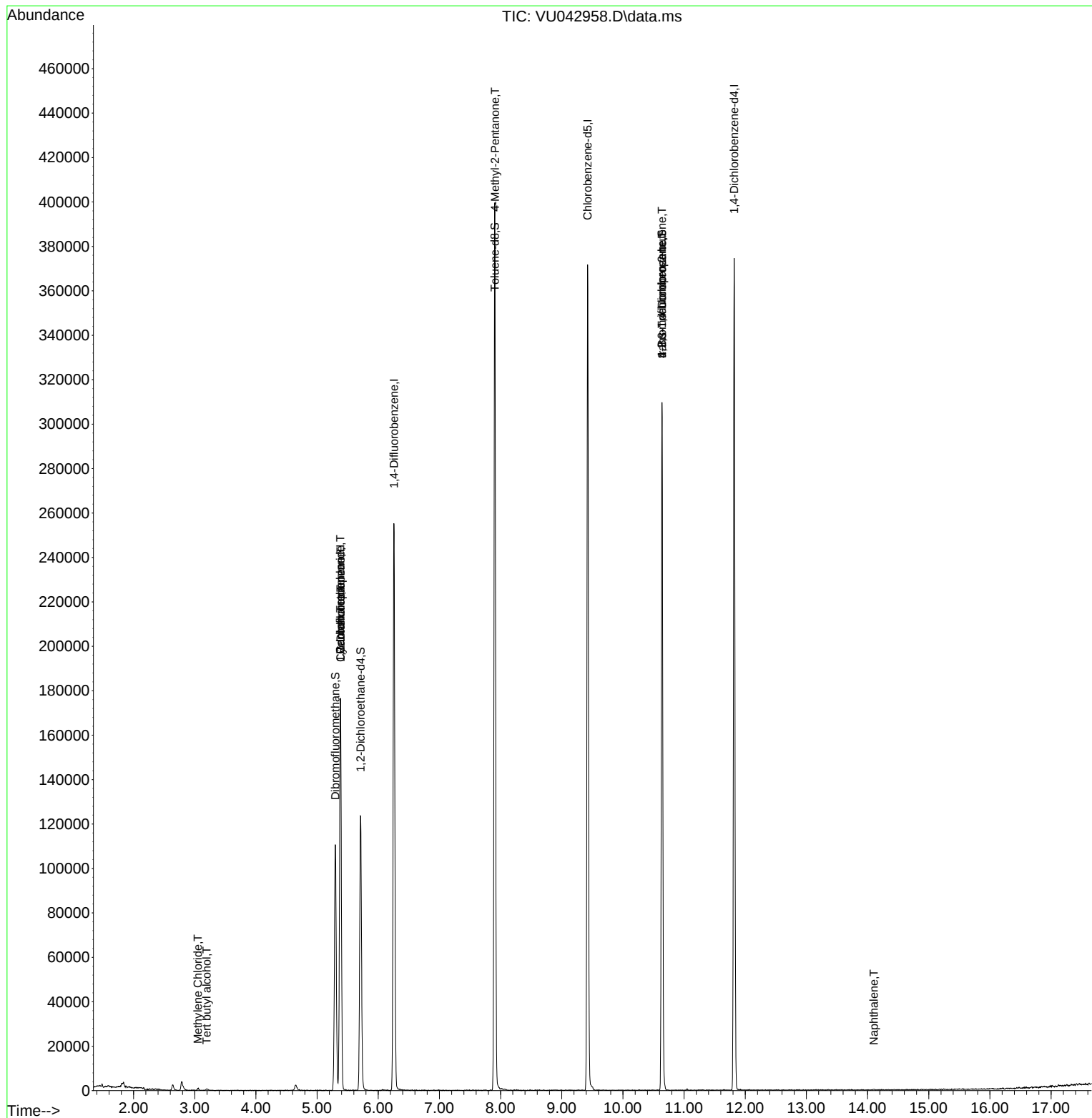
Internal Standards						
1) Pentafluorobenzene	5.382	168	120590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	193382	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	187422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	91834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	97767	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
35) Dibromofluoromethane	5.298	113	67762	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
50) Toluene-d8	7.906	98	246934	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	10.639	95	90838	46.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.08%	
Target Compounds						Qvalue
5) Bromomethane	1.867	94	19	Below Cal	#	2
6) Chloroethane	1.922	64	94	Below Cal	#	43
11) Tert butyl alcohol	3.195	59	411	1.00	ug/l #	74
16) Acetone	2.636	43	3685	Below Cal		95
20) Methylene Chloride	3.051	84	461	0.33	ug/l #	78
31) Cyclohexane	5.385	56	2710	1.13	ug/l #	11
36) 1,1-Dichloropropene	5.385	75	9642	5.04	ug/l #	51
38) Carbon Tetrachloride	5.382	117	12080	5.53	ug/l #	17
51) 4-Methyl-2-Pentanone	7.909	43	1524	0.49	ug/l #	1
76) 1,2,3-Trichloropropane	10.639	75	52833	22.62	ug/l #	38
81) trans-1,4-Dichloro-2-b...	10.639	75	52833	67.02	ug/l #	6
95) Naphthalene	14.105	128	420	2.64	ug/l #	68

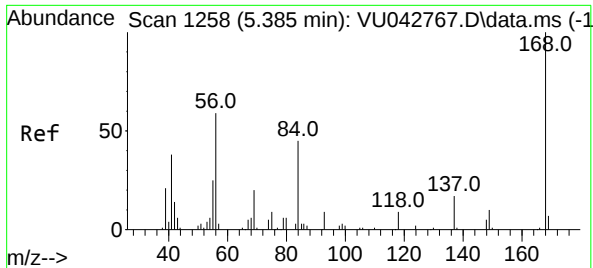
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

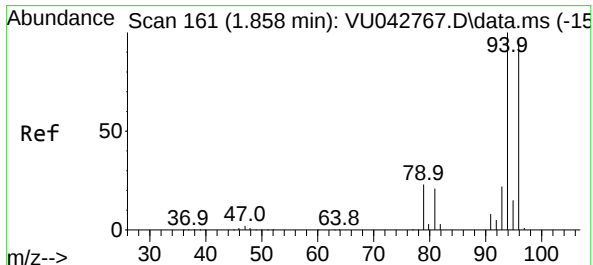
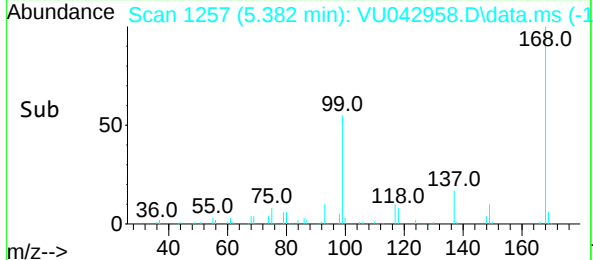
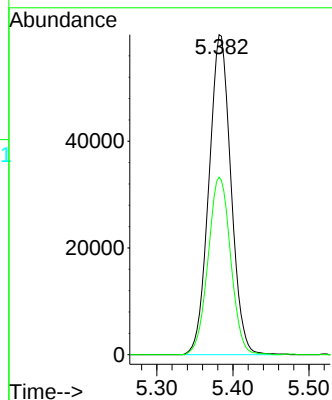
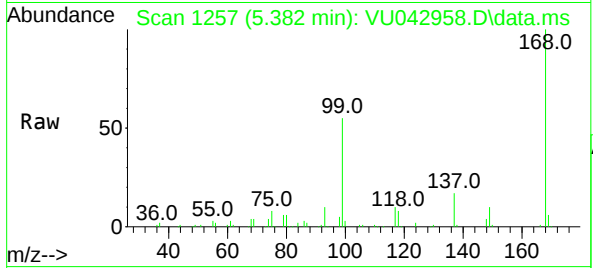




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042958.D
Acq: 06 Apr 2021 16:34

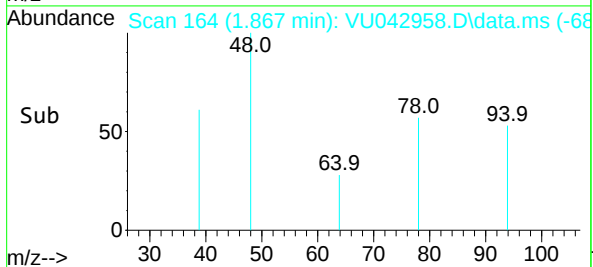
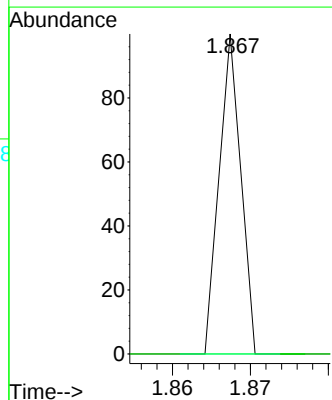
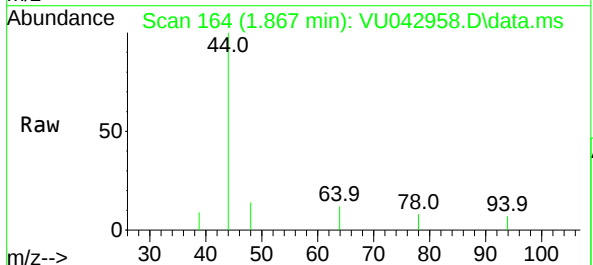
Instrument :
MSVOA_U
ClientSampleId :

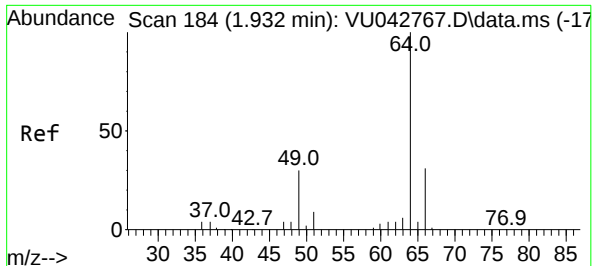
Tgt Ion:168 Resp: 120590
Ion Ratio Lower Upper
168 100
99 55.5 46.4 69.6



#5
Bromomethane
Concen: Below Cal
RT: 1.867 min Scan# 164
Delta R.T. 0.009 min
Lab File: VU042958.D
Acq: 06 Apr 2021 16:34

Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 0.0 77.1 115.7#

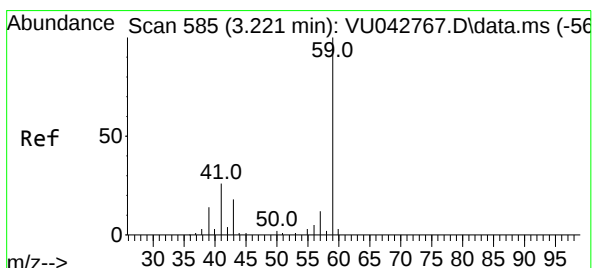
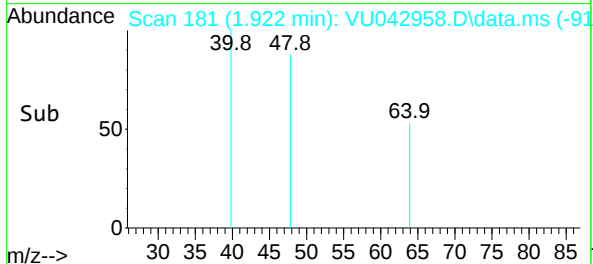
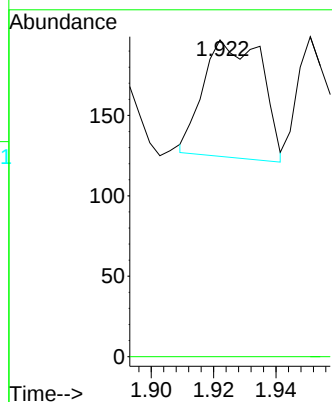
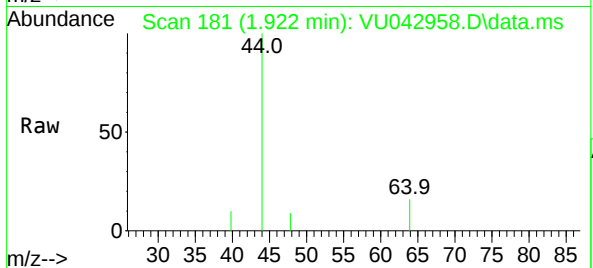




#6
Chloroethane
Concen: Below Cal
RT: 1.922 min Scan# 181
Delta R.T. -0.010 min
Lab File: VU042958.D
Acq: 06 Apr 2021 16:34

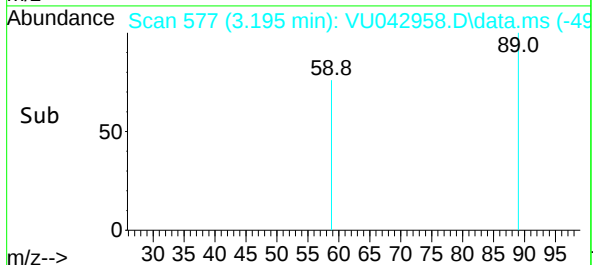
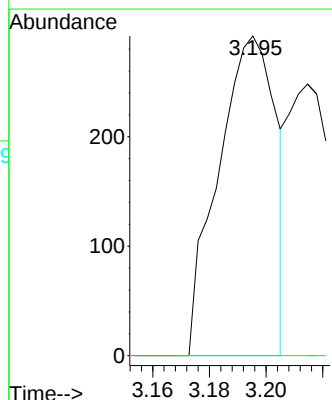
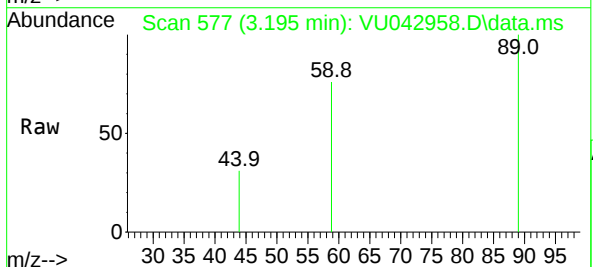
Instrument :
MSVOA_U
ClientSampled :

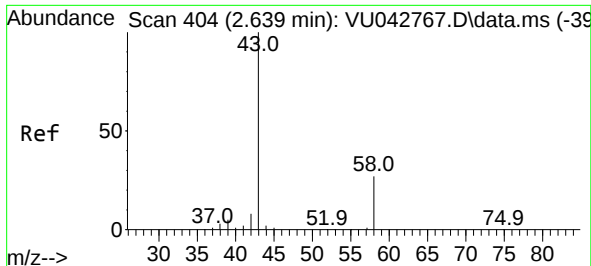
Tgt Ion: 64 Resp: 94
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.6#



#11
Tert butyl alcohol
Concen: 1.00 ug/l
RT: 3.195 min Scan# 577
Delta R.T. -0.026 min
Lab File: VU042958.D
Acq: 06 Apr 2021 16:34

Tgt Ion: 59 Resp: 411
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

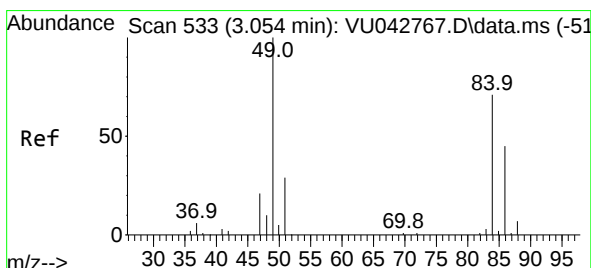
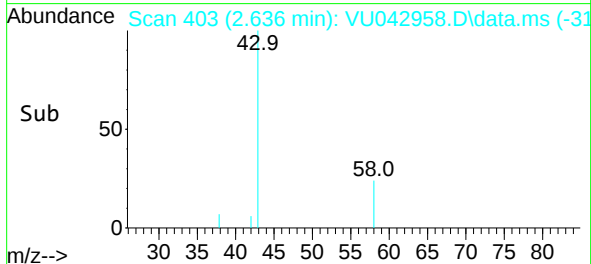
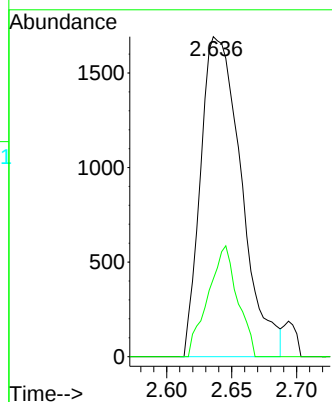
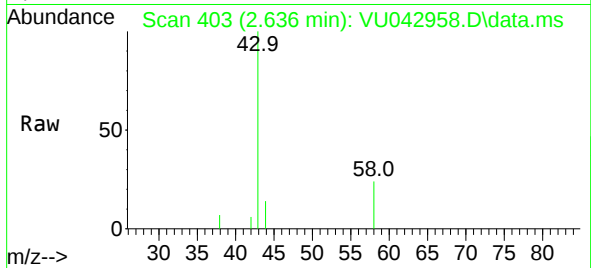




#16
Acetone
Concen: Below Cal
RT: 2.636 min Scan# 403
Delta R.T. -0.003 min
Lab File: VU042958.D
Acq: 06 Apr 2021 16:34

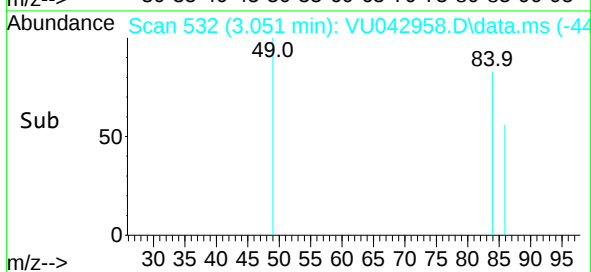
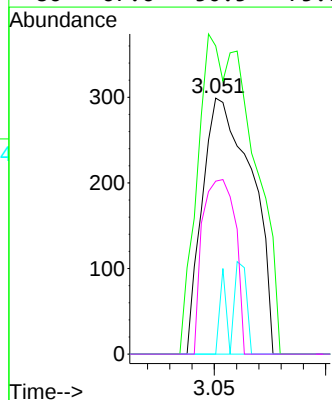
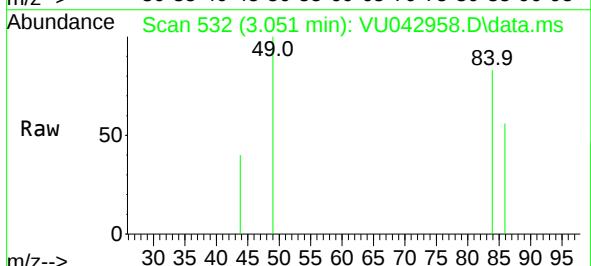
Instrument :
MSVOA_U
ClientSampled :

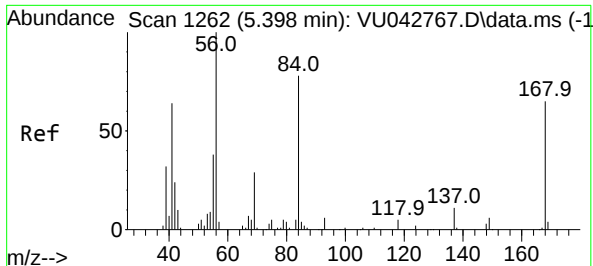
Tgt Ion: 43 Resp: 3685
Ion Ratio Lower Upper
43 100
58 24.3 21.6 32.4



#20
Methylene Chloride
Concen: 0.33 ug/l
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU042958.D
Acq: 06 Apr 2021 16:34

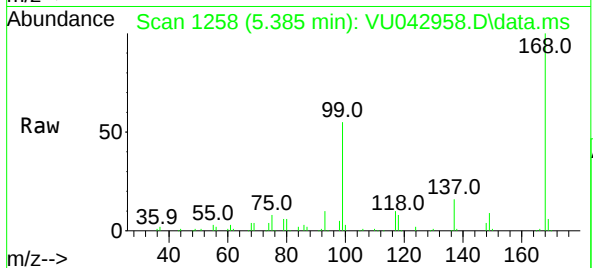
Tgt Ion: 84 Resp: 461
Ion Ratio Lower Upper
84 100
49 120.4 113.0 169.4
51 0.0 32.9 49.3#
86 67.6 50.5 75.7



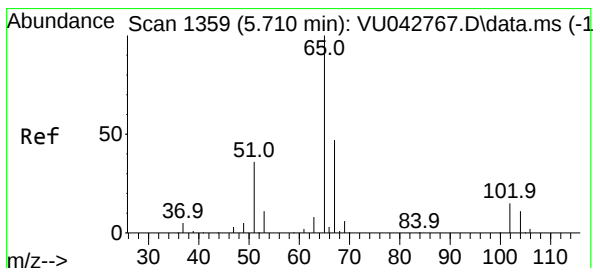
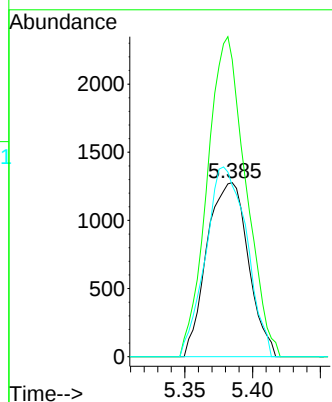
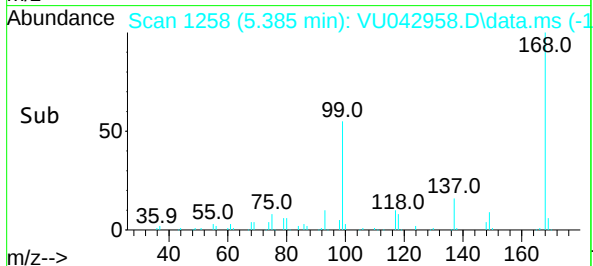


#31
Cyclohexane
Concen: 1.13 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.013 min
Lab File: VU042958.D
Acq: 06 Apr 2021 16:34

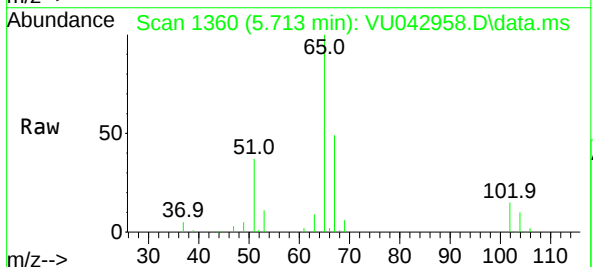
Instrument :
MSVOA_U
ClientSampleId :



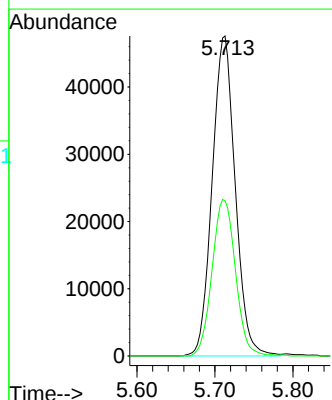
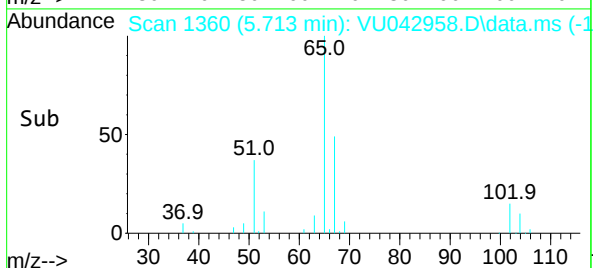
Tgt Ion: 56 Resp: 2710
Ion Ratio Lower Upper
56 100
69 170.6 23.3 34.9#
84 98.4 62.2 93.4#

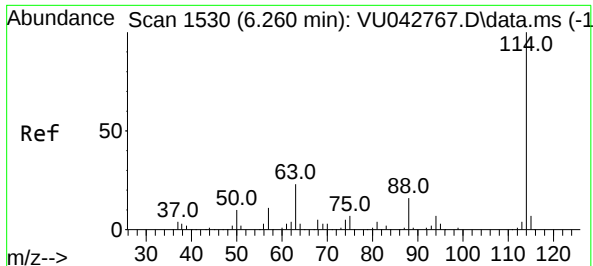


#33
1,2-Dichloroethane-d4
Concen: 50.86 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU042958.D
Acq: 06 Apr 2021 16:34



Tgt Ion: 65 Resp: 97767
Ion Ratio Lower Upper
65 100
67 49.6 0.0 98.8

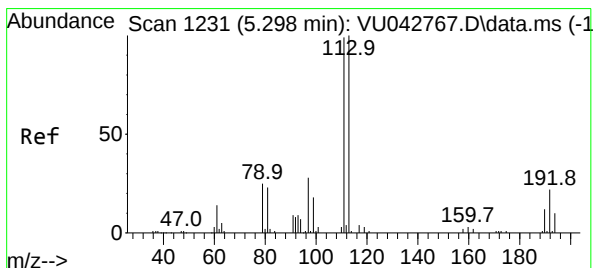
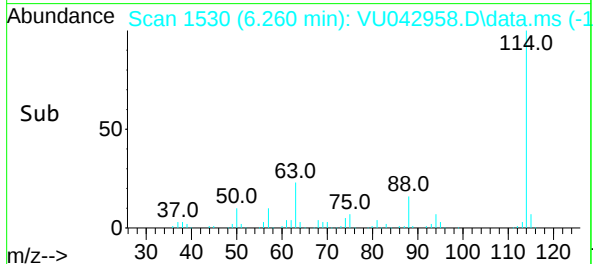
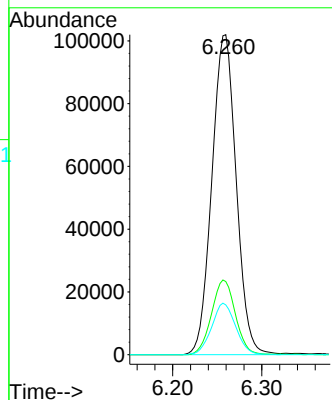
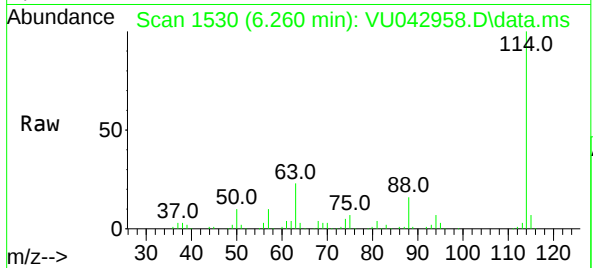




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.260 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VU042958.D
Acq: 06 Apr 2021 16:34

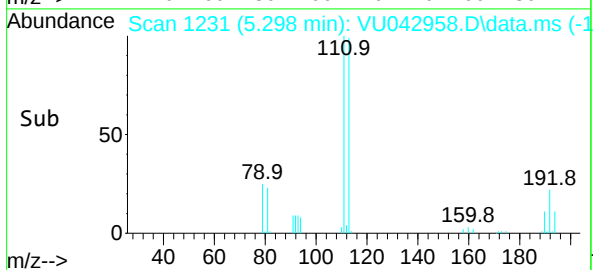
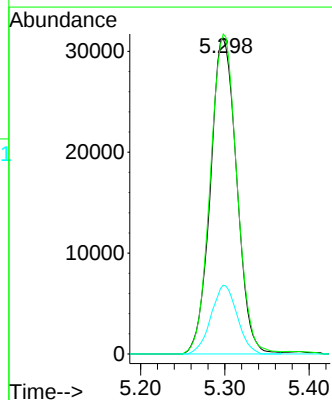
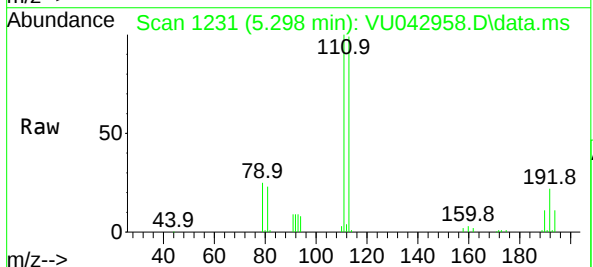
Instrument :
MSVOA_U
ClientSampleId :

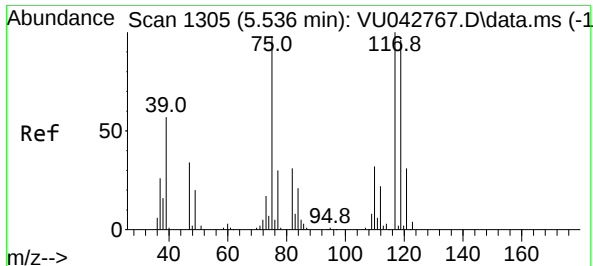
Tgt Ion:114 Resp: 193382
Ion Ratio Lower Upper
114 100
63 22.9 0.0 46.8
88 15.5 0.0 32.2



#35
Dibromofluoromethane
Concen: 46.95 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042958.D
Acq: 06 Apr 2021 16:34

Tgt Ion:113 Resp: 67762
Ion Ratio Lower Upper
113 100
111 102.5 82.1 123.1
192 21.6 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.04 ug/l

RT: 5.385 min Scan# 1258

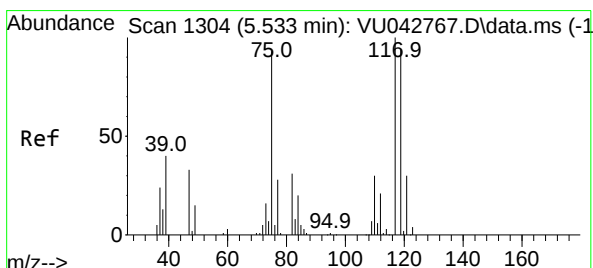
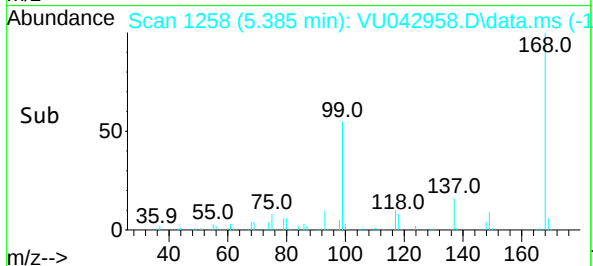
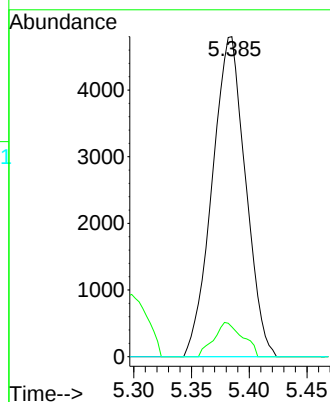
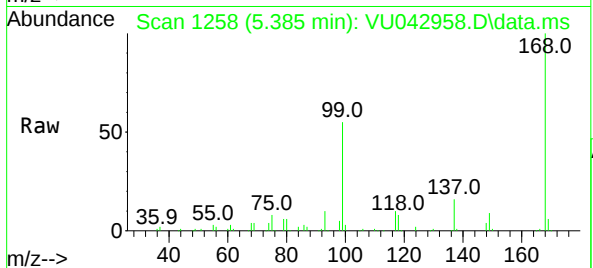
Delta R.T. -0.151 min

Lab File: VU042958.D

Acq: 06 Apr 2021 16:34

Tgt Ion:	75	Resp:	9642
Ion	Ratio	Lower	Upper
75	100		
110	9.2	16.6	49.7#
77	0.0	24.7	37.1#

Instrument :
MSVOA_U
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.53 ug/l

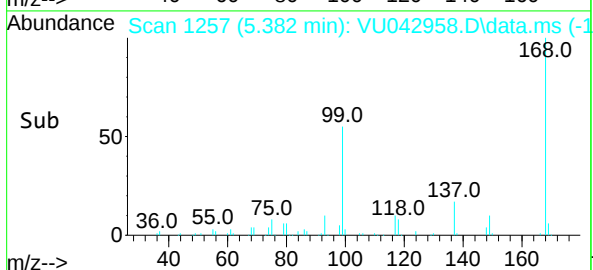
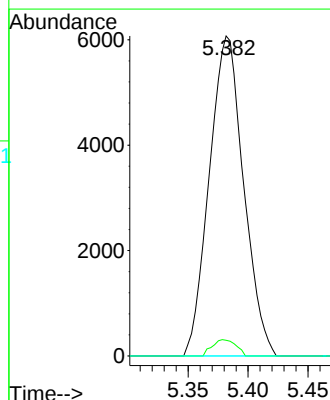
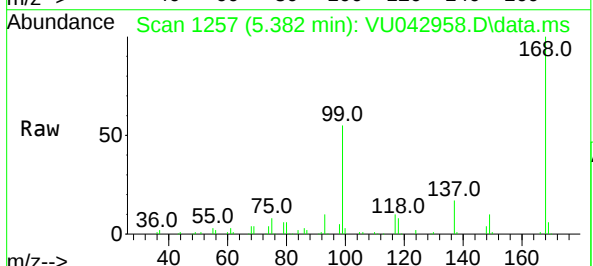
RT: 5.382 min Scan# 1257

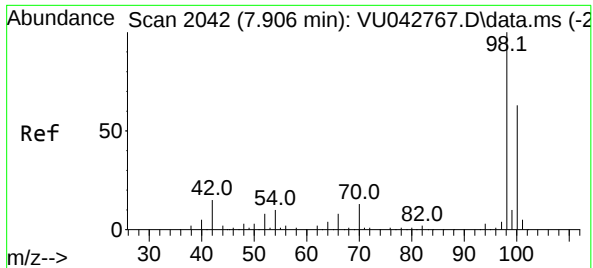
Delta R.T. -0.151 min

Lab File: VU042958.D

Acq: 06 Apr 2021 16:34

Tgt Ion:	117	Resp:	12080
Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.2	112.8#
121	0.0	24.2	36.4#

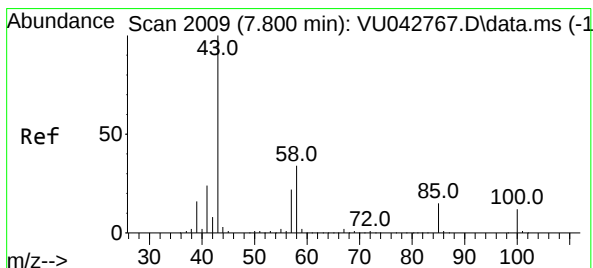
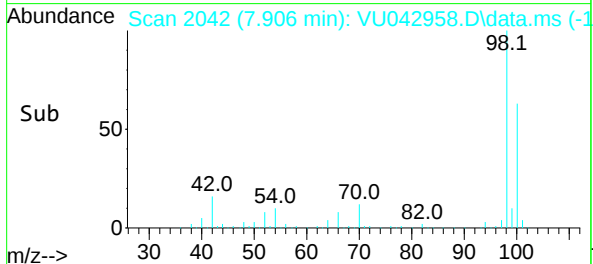
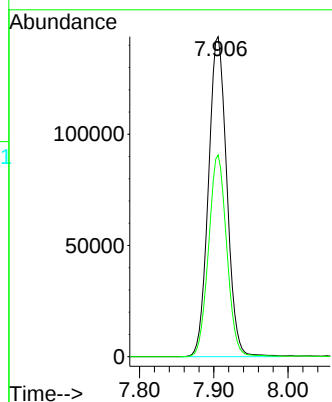
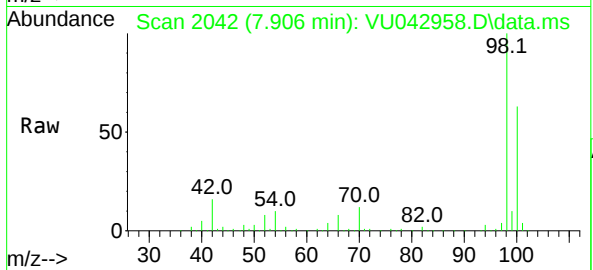




#50
Toluene-d8
Concen: 48.63 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042958.D
Acq: 06 Apr 2021 16:34

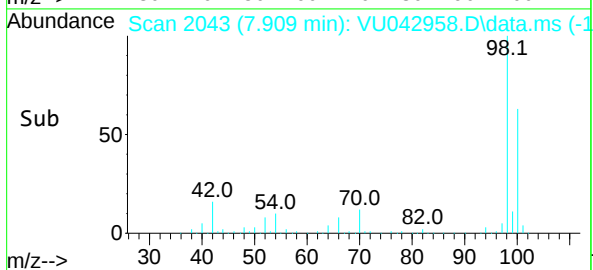
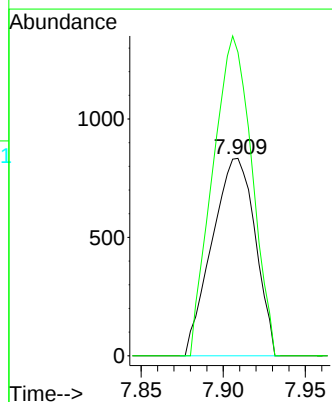
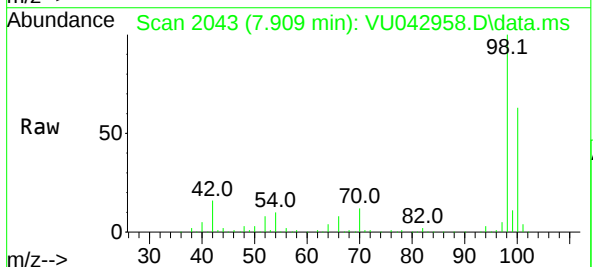
Instrument :
MSVOA_U
ClientSampled :

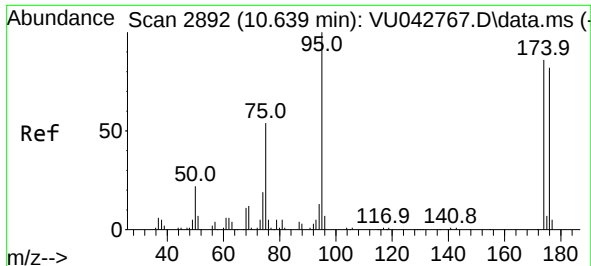
Tgt Ion: 98 Resp: 246934
Ion Ratio Lower Upper
98 100
100 62.5 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 7.909 min Scan# 2043
Delta R.T. 0.109 min
Lab File: VU042958.D
Acq: 06 Apr 2021 16:34

Tgt Ion: 43 Resp: 1524
Ion Ratio Lower Upper
43 100
58 147.2 27.4 41.2#

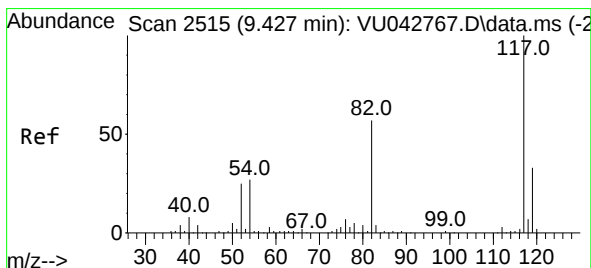
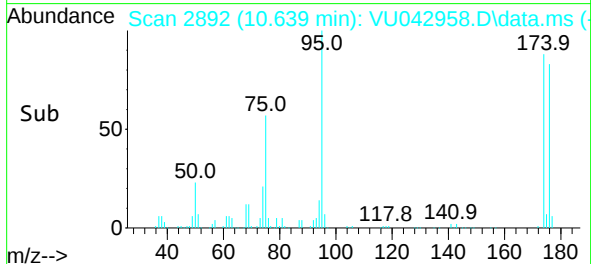
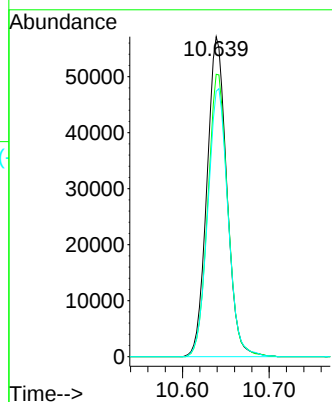
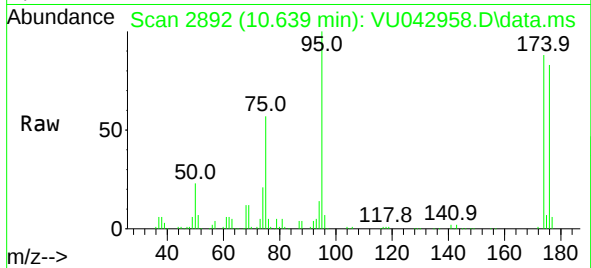




#62
4-Bromofluorobenzene
Concen: 46.04 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042958.D
Acq: 06 Apr 2021 16:34

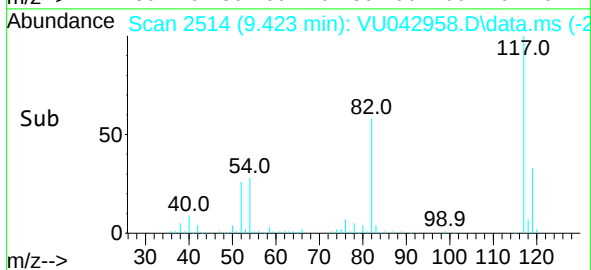
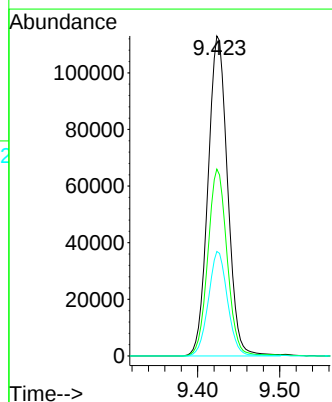
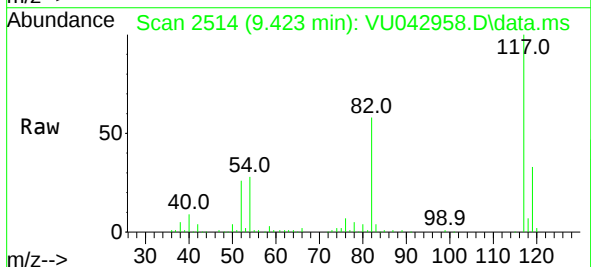
Instrument :
MSVOA_U
ClientSampleId :

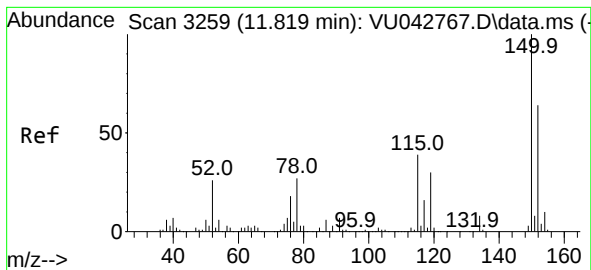
Tgt Ion: 95 Resp: 90838
Ion Ratio Lower Upper
95 100
174 88.8 0.0 175.2
176 85.6 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042958.D
Acq: 06 Apr 2021 16:34

Tgt Ion: 117 Resp: 187422
Ion Ratio Lower Upper
117 100
82 58.4 45.5 68.3
119 32.7 26.2 39.4

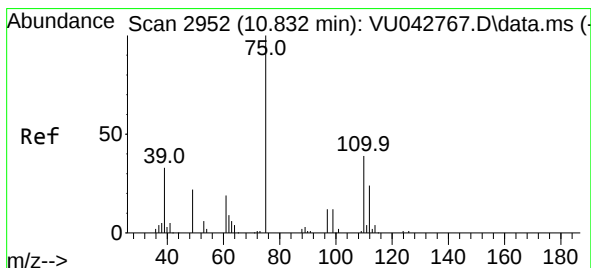
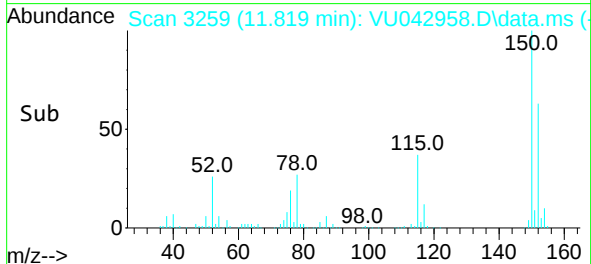
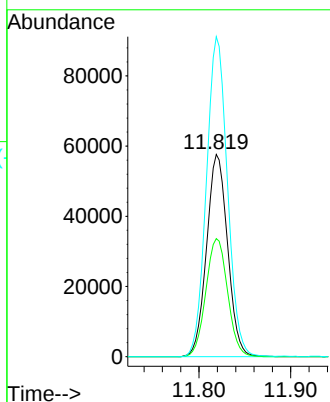
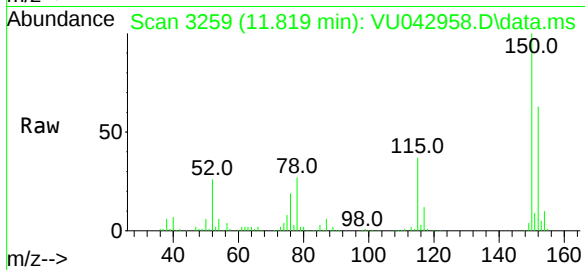




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU042958.D
 Acq: 06 Apr 2021 16:34

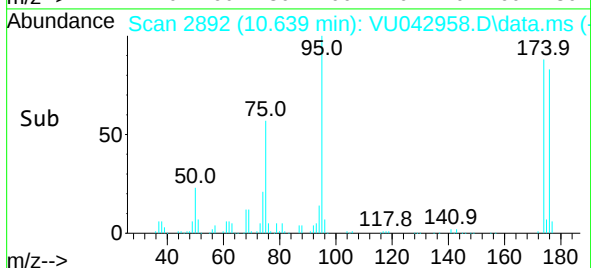
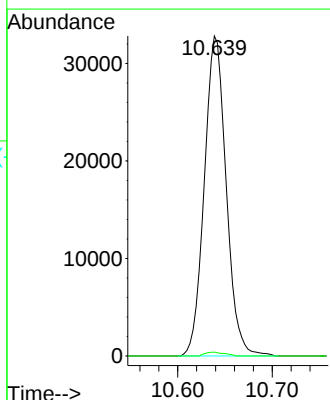
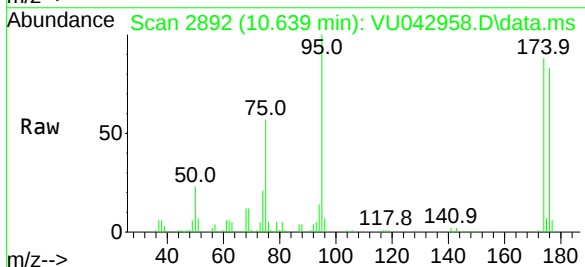
Instrument :
 MSVOA_U
 ClientSampled :

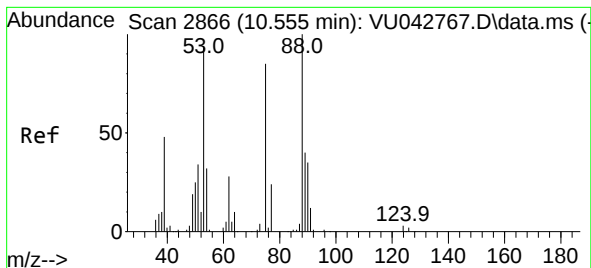
Tgt Ion:152 Resp: 91834
 Ion Ratio Lower Upper
 152 100
 115 60.3 41.0 123.0
 150 158.1 0.0 341.0



#76
 1,2,3-Trichloropropane
 Concen: 22.62 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU042958.D
 Acq: 06 Apr 2021 16:34

Tgt Ion: 75 Resp: 52833
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.6 58.8#

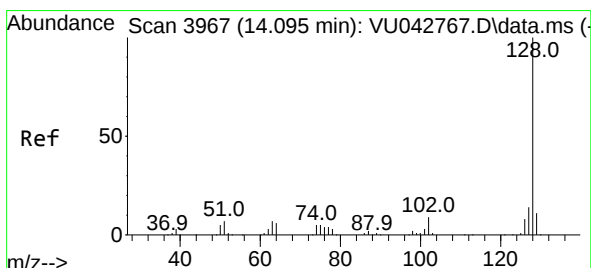
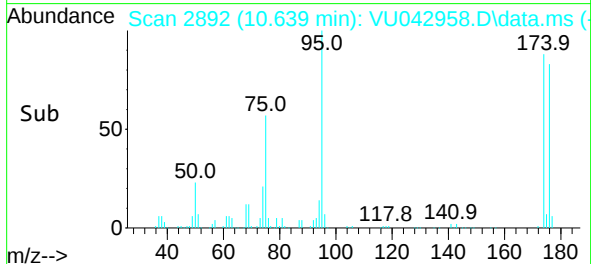
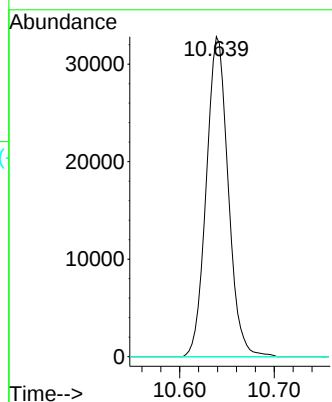
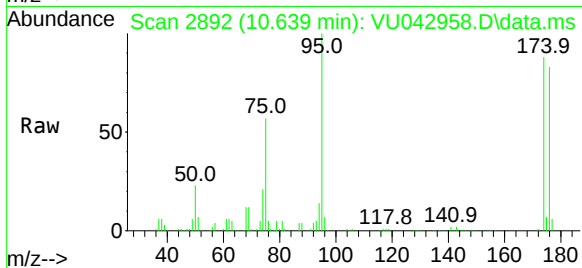




#81
trans-1,4-Dichloro-2-butene
Concen: 67.02 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.083 min
Lab File: VU042958.D
Acq: 06 Apr 2021 16:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 52833
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.64 ug/l
RT: 14.105 min Scan# 3970
Delta R.T. 0.010 min
Lab File: VU042958.D
Acq: 06 Apr 2021 16:34

Tgt Ion:128 Resp: 420
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.7 13.1#

