

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040621\
 Data File : VU042951.D
 Acq On : 06 Apr 2021 13:54
 Operator : SY/MD
 Sample : M1926-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 07 01:42:16 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)

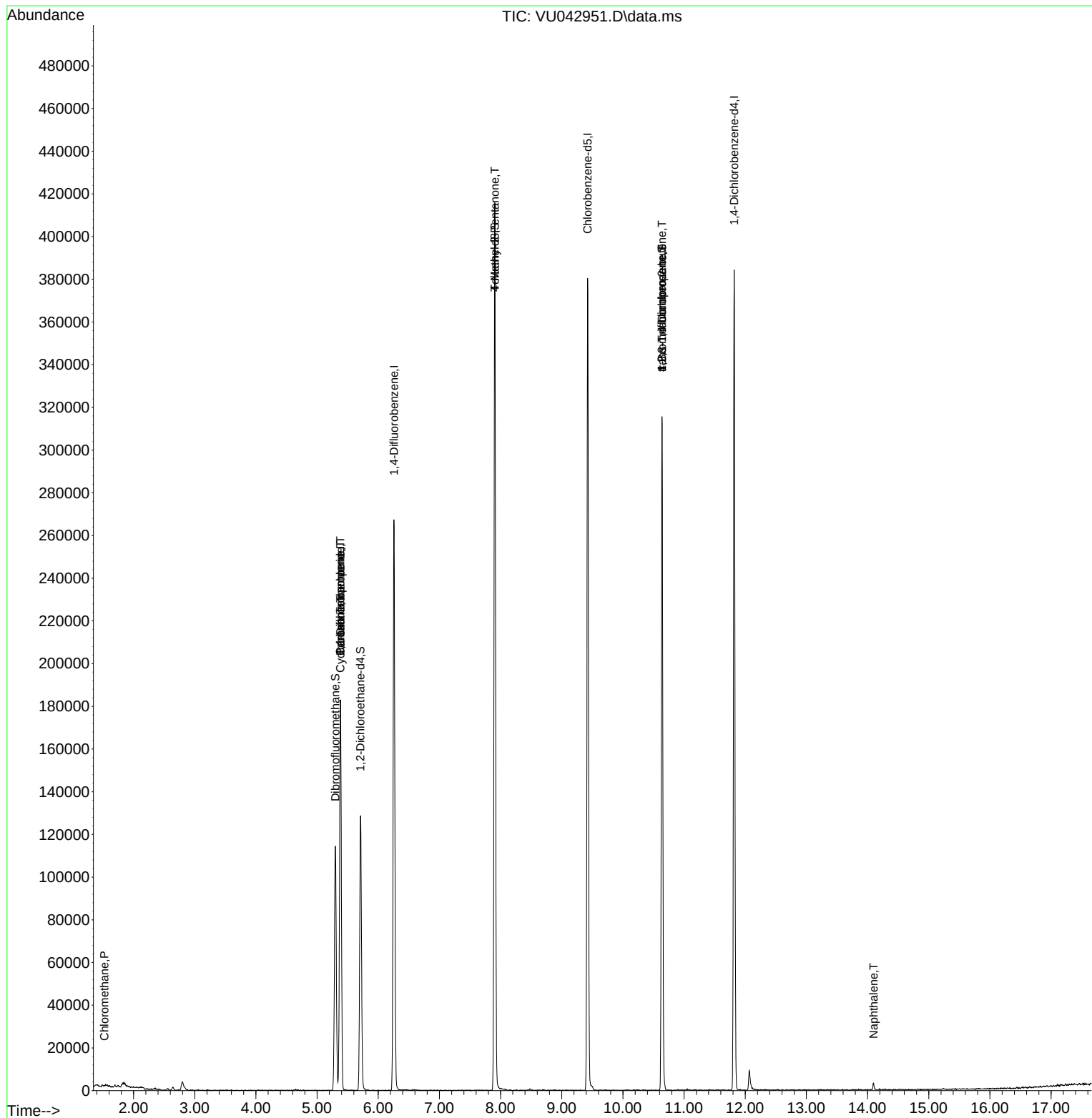
Internal Standards						
1) Pentafluorobenzene	5.382	168	125494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	201517	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	194440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	96548	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	100664	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
35) Dibromofluoromethane	5.298	113	70466	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
50) Toluene-d8	7.906	98	254211	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	10.639	95	95070	46.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.48%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	362	0.23	ug/l #	43
5) Bromomethane	1.867	94	67	Below	Cal	95
6) Chloroethane	1.922	64	68	Below	Cal #	43
16) Acetone	2.642	43	2035	Below	Cal	99
31) Cyclohexane	5.378	56	3030	1.22	ug/l #	40
36) 1,1-Dichloropropene	5.382	75	9990	5.01	ug/l #	50
38) Carbon Tetrachloride	5.382	117	13091	5.75	ug/l #	16
51) 4-Methyl-2-Pentanone	7.906	43	1365	0.42	ug/l #	1
76) 1,2,3-Trichloropropane	10.639	75	54725	22.29	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	54725	66.03	ug/l #	6
95) Naphthalene	14.098	128	3269	3.05	ug/l #	90

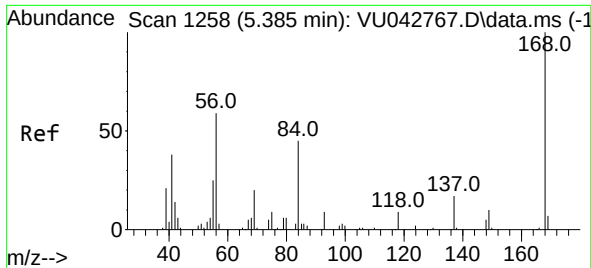
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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
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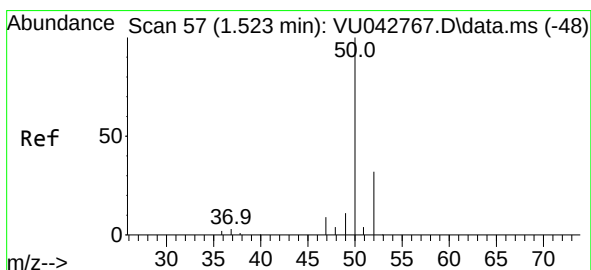
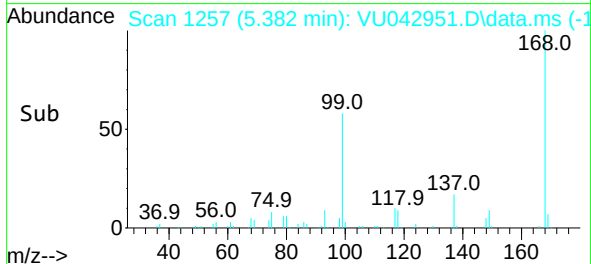
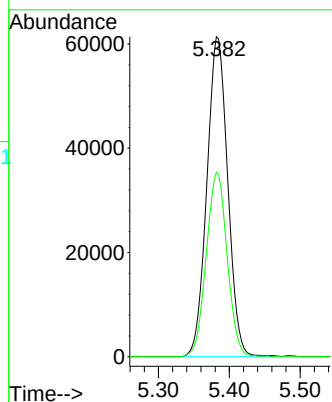
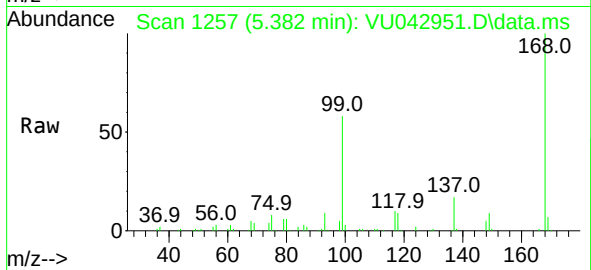




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042951.D
Acq: 06 Apr 2021 13:54

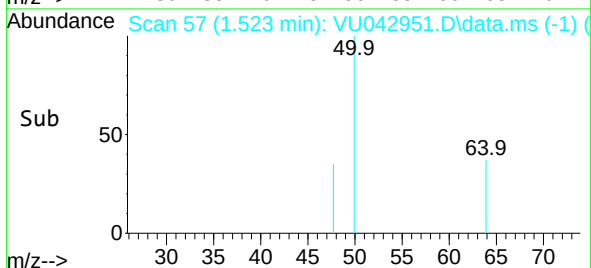
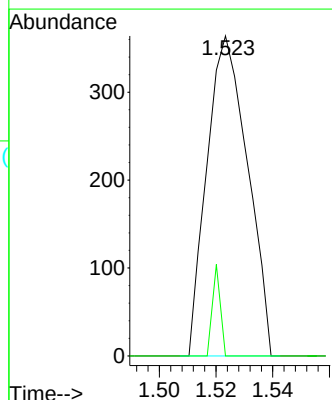
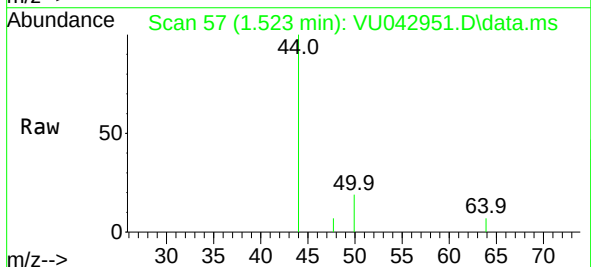
Instrument :
MSVOA_U
ClientSampleId :

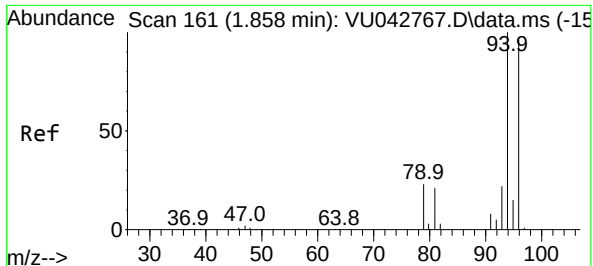
Tgt Ion:168 Resp: 125494
Ion Ratio Lower Upper
168 100
99 57.7 46.4 69.6



#3
Chloromethane
Concen: 0.23 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042951.D
Acq: 06 Apr 2021 13:54

Tgt Ion: 50 Resp: 362
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.0#





#5

Bromomethane

Concen: Below Cal

RT: 1.867 min Scan# 164

Delta R.T. 0.009 min

Lab File: VU042951.D

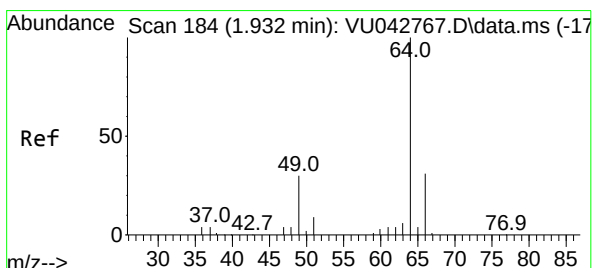
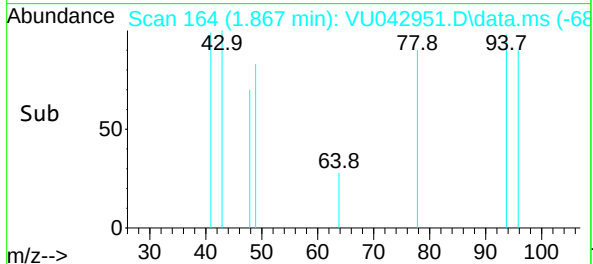
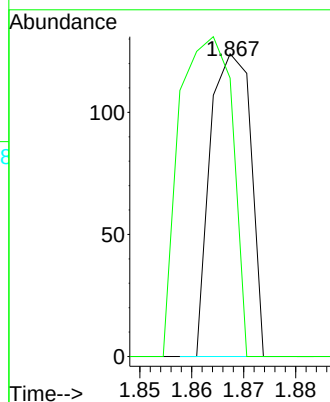
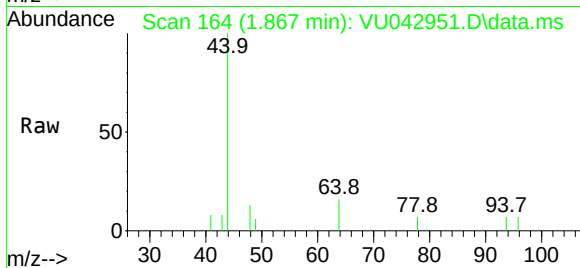
Acq: 06 Apr 2021 13:54

Tgt Ion: 94 Resp: 67

Ion Ratio Lower Upper

94 100

96 91.9 77.1 115.7



#6

Chloroethane

Concen: Below Cal

RT: 1.922 min Scan# 181

Delta R.T. -0.010 min

Lab File: VU042951.D

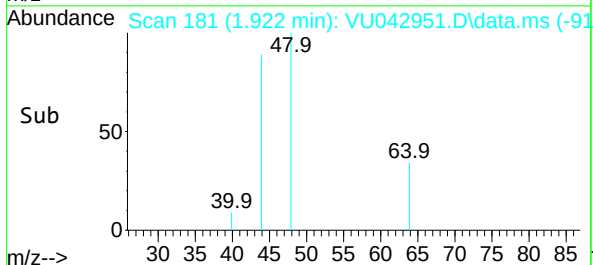
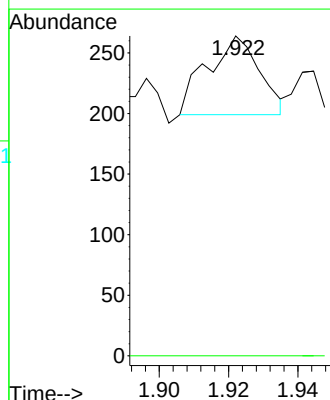
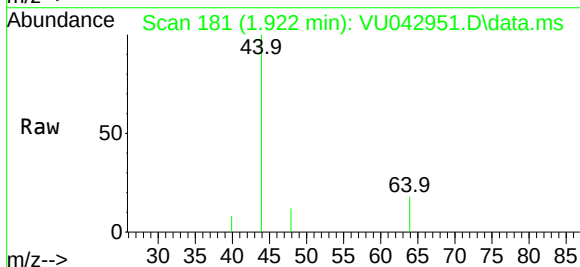
Acq: 06 Apr 2021 13:54

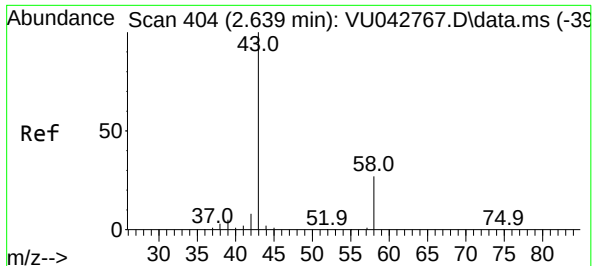
Tgt Ion: 64 Resp: 68

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.6#

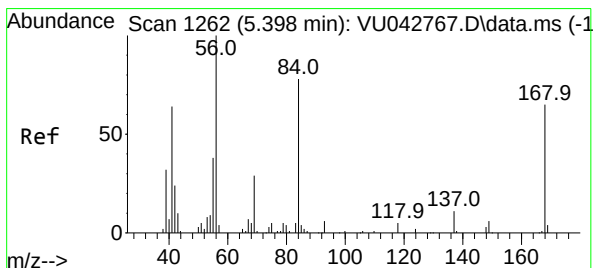
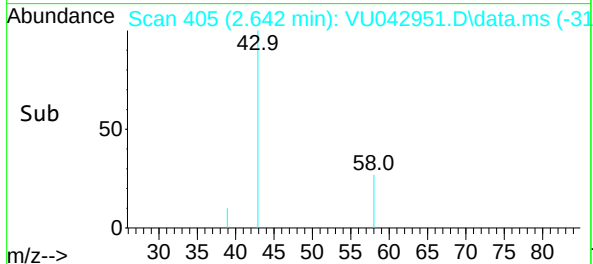
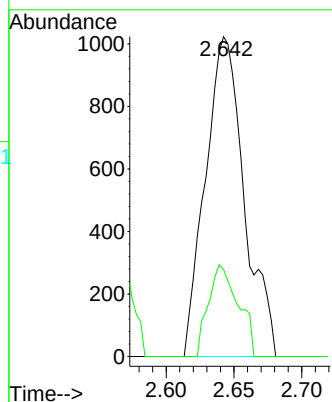
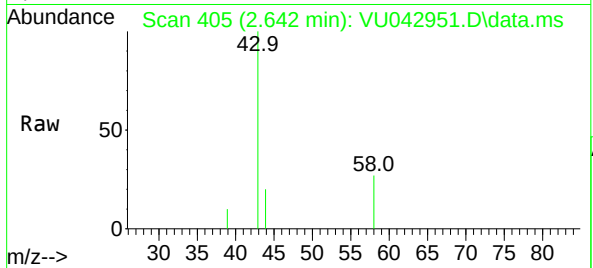




#16
Acetone
Concen: Below Cal
RT: 2.642 min Scan# 405
Delta R.T. 0.003 min
Lab File: VU042951.D
Acq: 06 Apr 2021 13:54

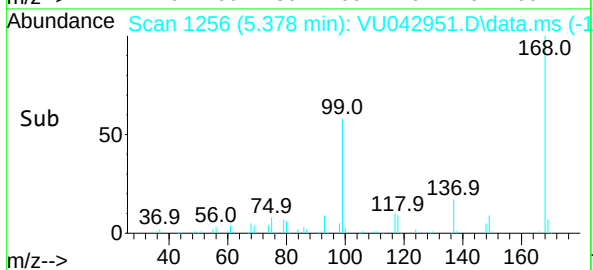
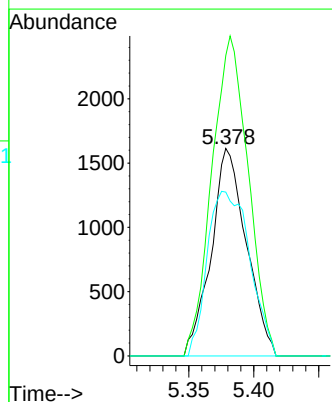
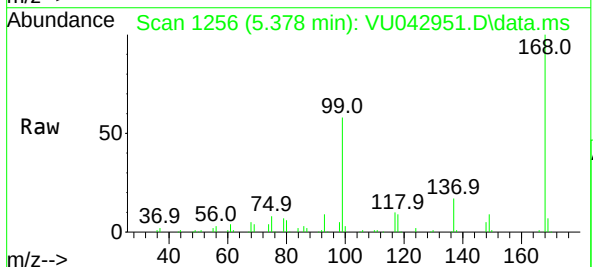
Instrument :
MSVOA_U
ClientSampled :

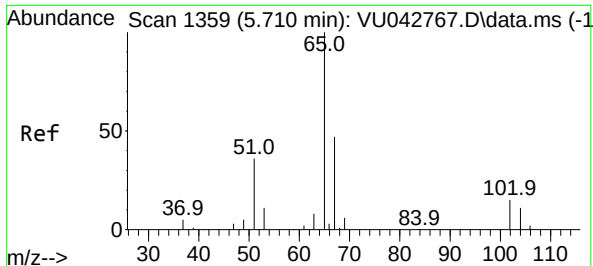
Tgt Ion: 43 Resp: 2035
Ion Ratio Lower Upper
43 100
58 27.3 21.6 32.4



#31
Cyclohexane
Concen: 1.22 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.019 min
Lab File: VU042951.D
Acq: 06 Apr 2021 13:54

Tgt Ion: 56 Resp: 3030
Ion Ratio Lower Upper
56 100
69 144.8 23.3 34.9#
84 78.9 62.2 93.4

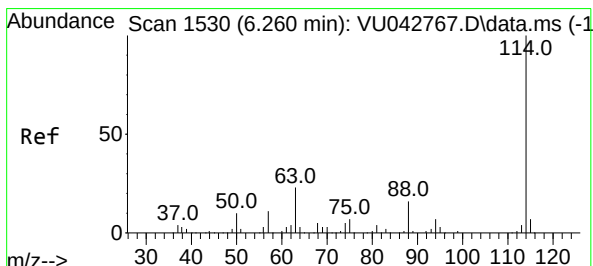
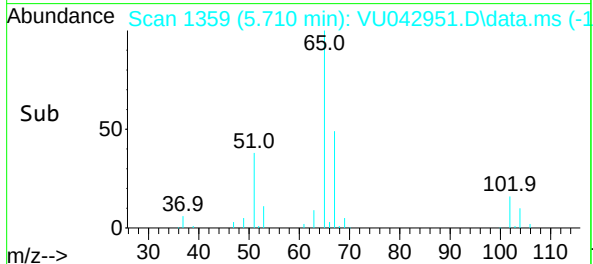
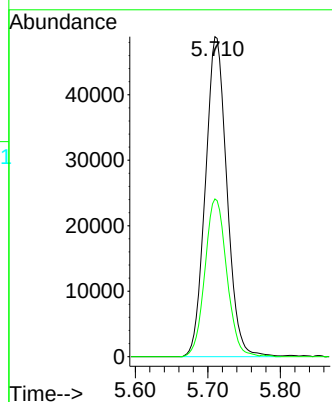
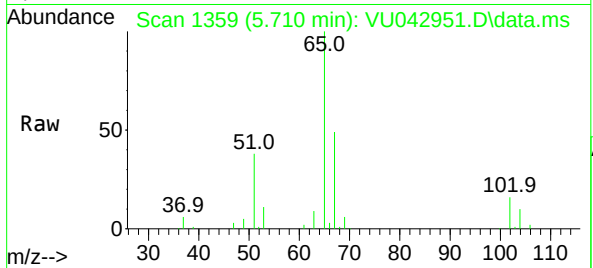




#33
1,2-Dichloroethane-d4
Concen: 50.32 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042951.D
Acq: 06 Apr 2021 13:54

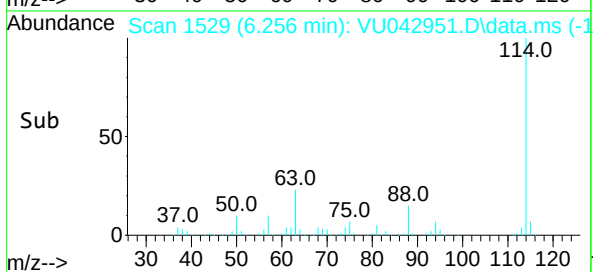
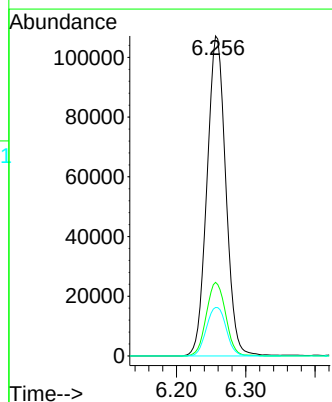
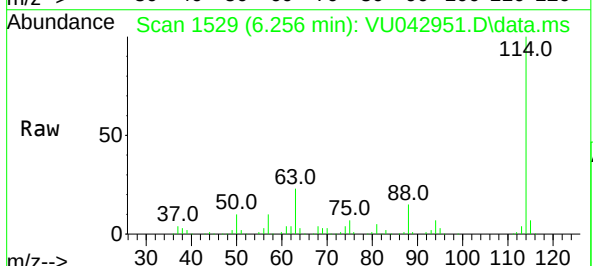
Instrument :
MSVOA_U
ClientSampled :

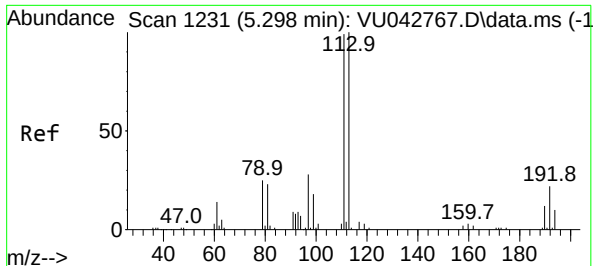
Tgt Ion: 65 Resp: 100664
Ion Ratio Lower Upper
65 100
67 50.1 0.0 98.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.004 min
Lab File: VU042951.D
Acq: 06 Apr 2021 13:54

Tgt Ion: 114 Resp: 201517
Ion Ratio Lower Upper
114 100
63 23.0 0.0 46.8
88 15.2 0.0 32.2

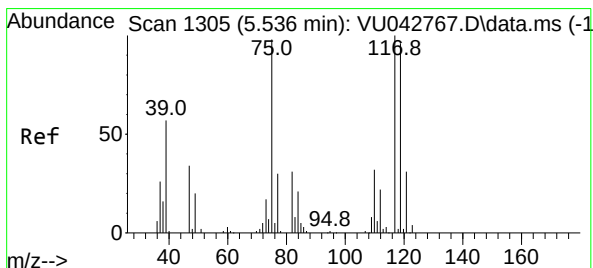
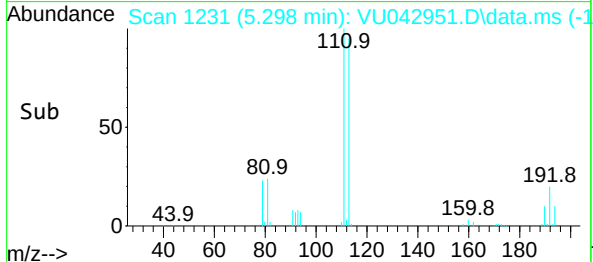
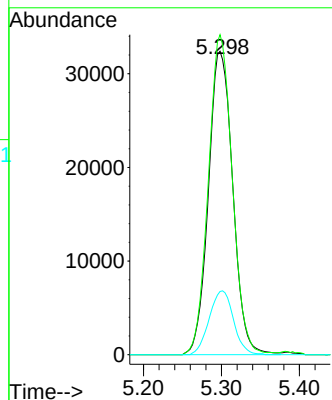
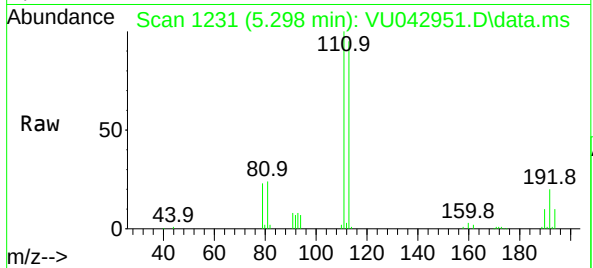




#35
Dibromofluoromethane
Concen: 46.85 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042951.D
Acq: 06 Apr 2021 13:54

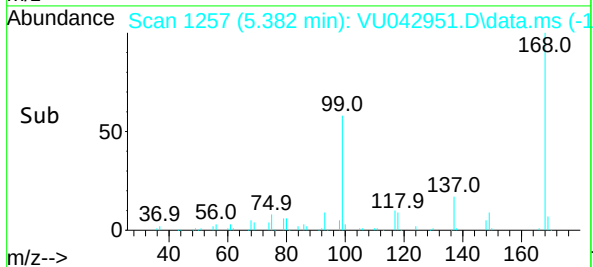
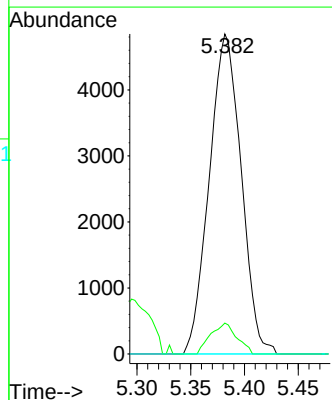
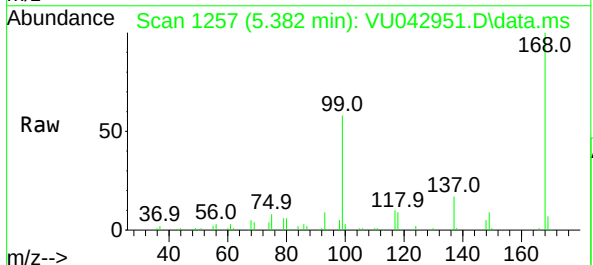
Instrument :
MSVOA_U
ClientSampleId :

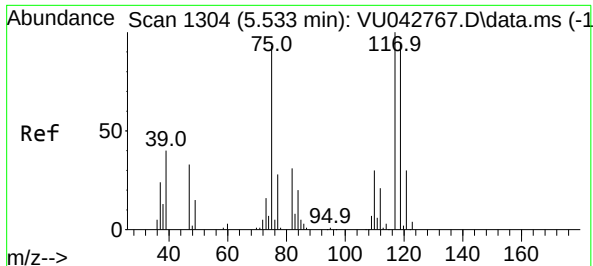
Tgt Ion:113 Resp: 70466
Ion Ratio Lower Upper
113 100
111 103.7 82.1 123.1
192 21.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.01 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.154 min
Lab File: VU042951.D
Acq: 06 Apr 2021 13:54

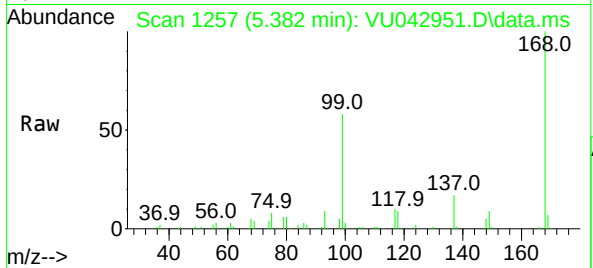
Tgt Ion: 75 Resp: 9990
Ion Ratio Lower Upper
75 100
110 7.9 16.6 49.7#
77 0.0 24.7 37.1#



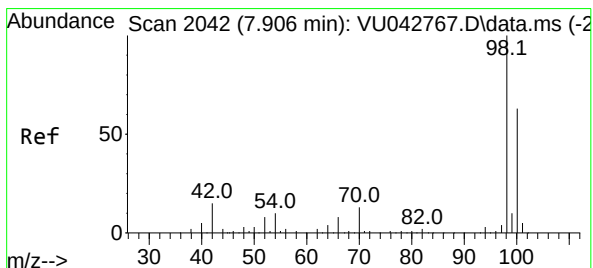
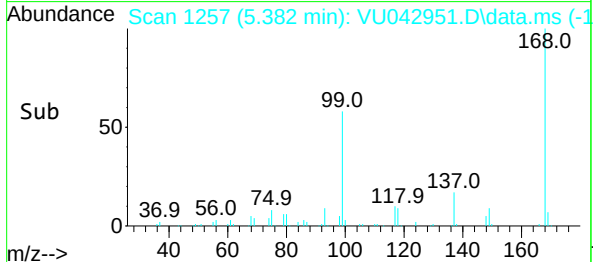
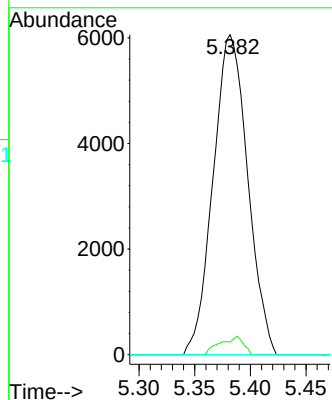


#38
Carbon Tetrachloride
Concen: 5.75 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042951.D
Acq: 06 Apr 2021 13:54

Instrument :
MSVOA_U
ClientSampleId :

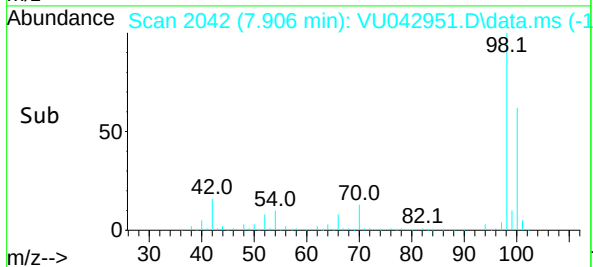
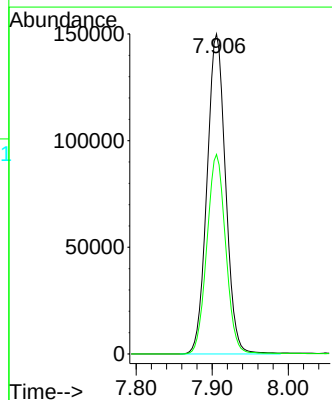
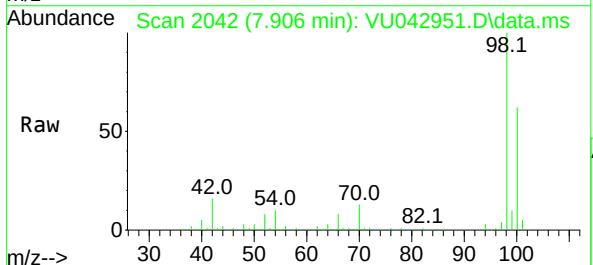


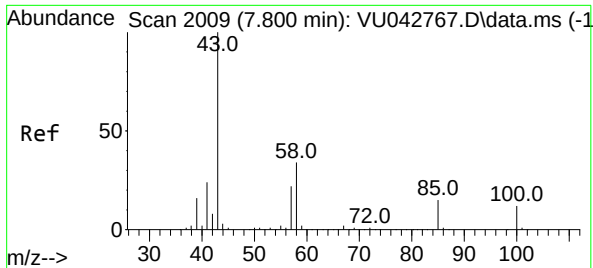
Tgt Ion:117 Resp: 13091
Ion Ratio Lower Upper
117 100
119 3.9 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 48.05 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042951.D
Acq: 06 Apr 2021 13:54

Tgt Ion: 98 Resp: 254211
Ion Ratio Lower Upper
98 100
100 63.2 50.4 75.6

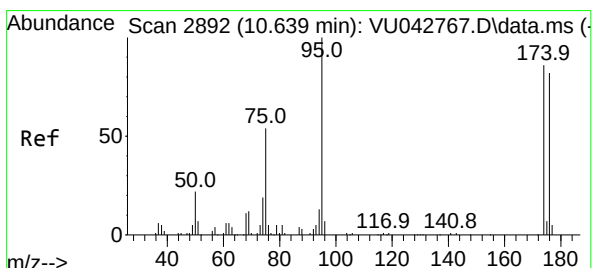
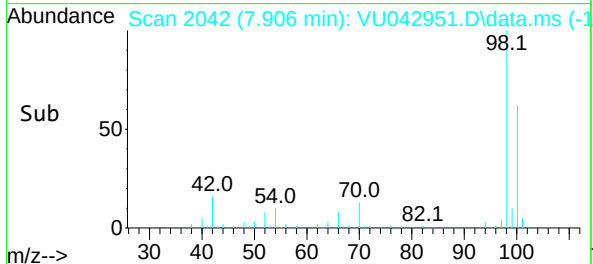
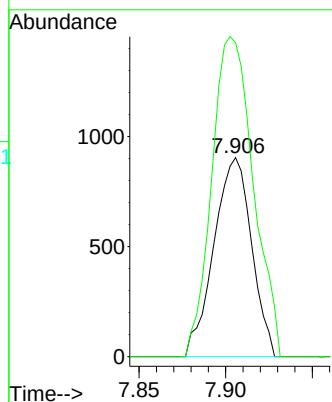
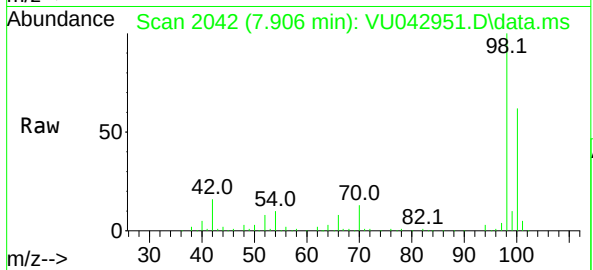




#51
4-Methyl-2-Pentanone
Concen: 0.42 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.106 min
Lab File: VU042951.D
Acq: 06 Apr 2021 13:54

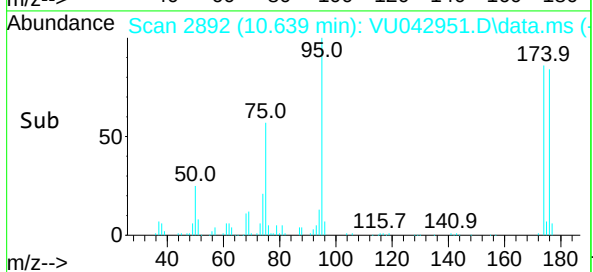
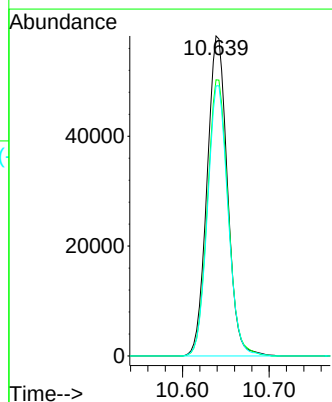
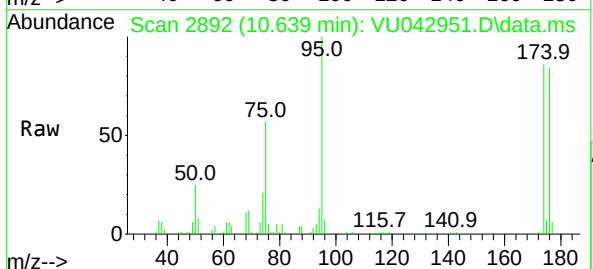
Instrument :
MSVOA_U
ClientSampled :

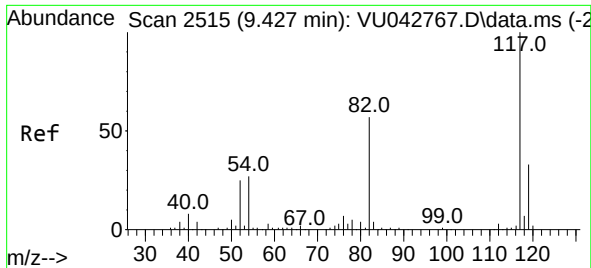
Tgt Ion: 43 Resp: 1365
Ion Ratio Lower Upper
43 100
58 177.7 27.4 41.2#



#62
4-Bromofluorobenzene
Concen: 46.24 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042951.D
Acq: 06 Apr 2021 13:54

Tgt Ion: 95 Resp: 95070
Ion Ratio Lower Upper
95 100
174 87.7 0.0 175.2
176 84.9 0.0 167.4

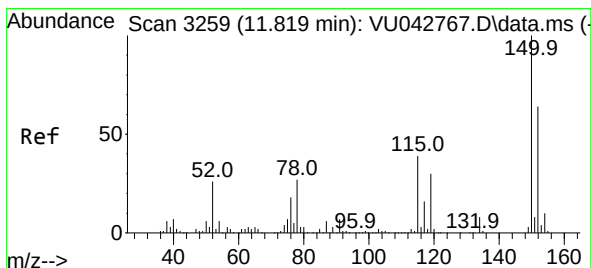
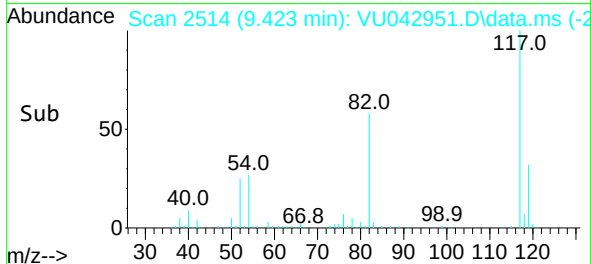
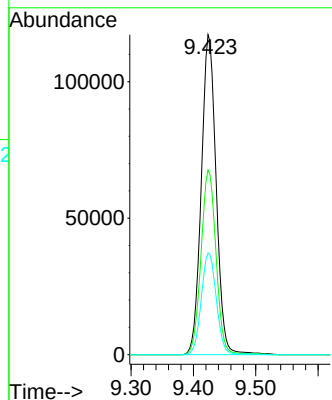
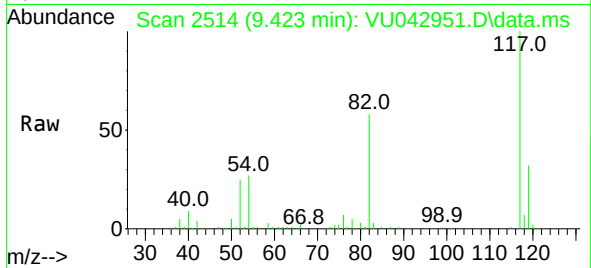




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042951.D
Acq: 06 Apr 2021 13:54

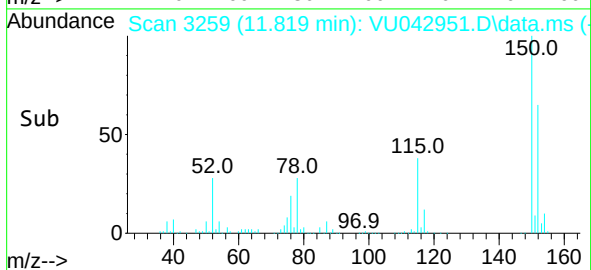
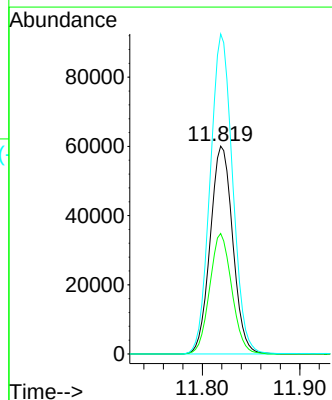
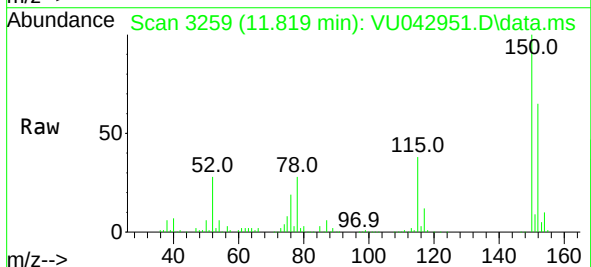
Instrument :
MSVOA_U
ClientSampled :

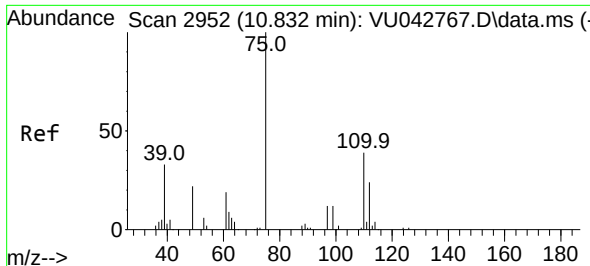
Tgt Ion:117 Resp: 194440
Ion Ratio Lower Upper
117 100
82 57.7 45.5 68.3
119 31.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042951.D
Acq: 06 Apr 2021 13:54

Tgt Ion:152 Resp: 96548
Ion Ratio Lower Upper
152 100
115 56.7 41.0 123.0
150 153.4 0.0 341.0

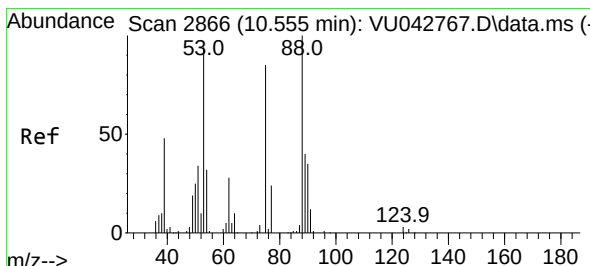
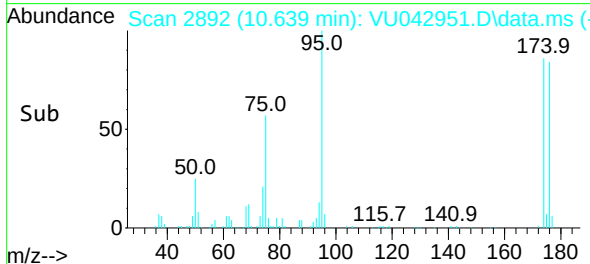
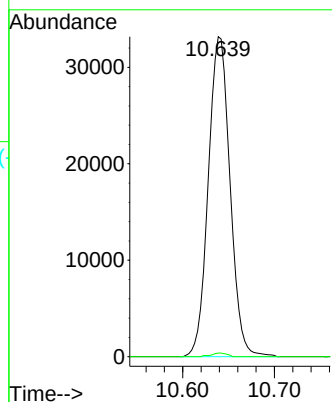
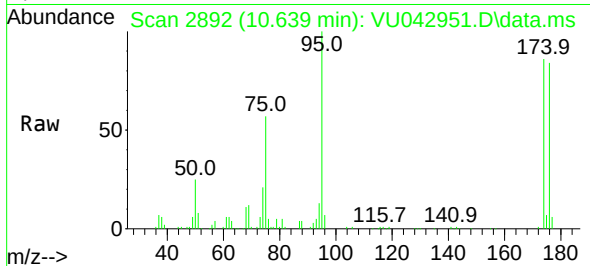




#76
1,2,3-Trichloropropane
Concen: 22.29 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042951.D
Acq: 06 Apr 2021 13:54

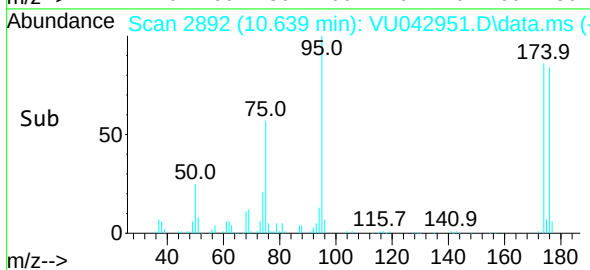
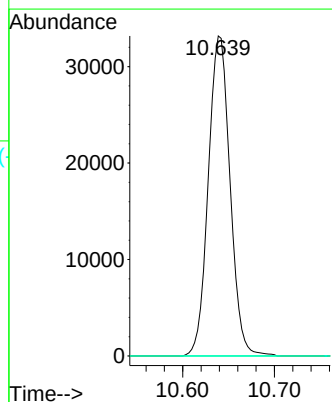
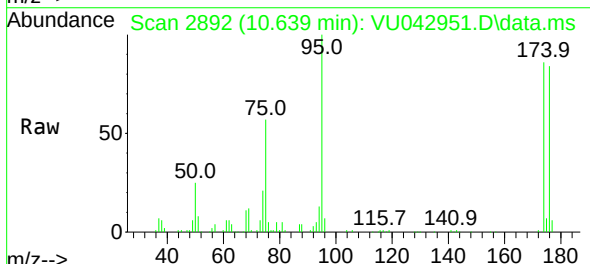
Instrument :
MSVOA_U
ClientSampled :

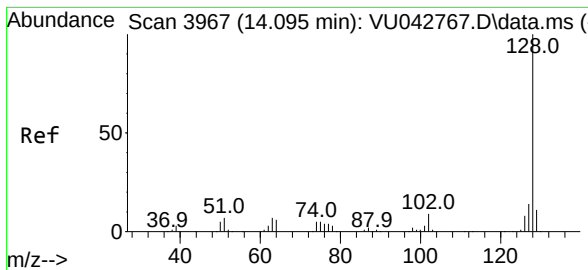
Tgt Ion: 75 Resp: 54725
Ion Ratio Lower Upper
75 100
77 0.8 19.6 58.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.03 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.083 min
Lab File: VU042951.D
Acq: 06 Apr 2021 13:54

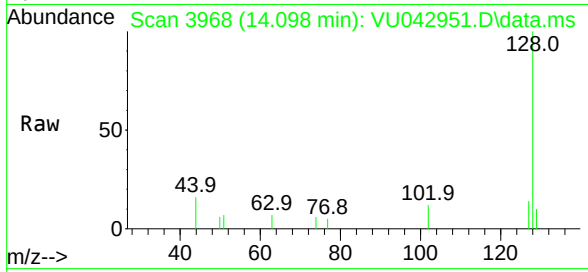
Tgt Ion: 75 Resp: 54725
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 3.05 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042951.D
Acq: 06 Apr 2021 13:54

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 3269
Ion Ratio Lower Upper
128 100
127 9.0 10.9 16.3#
129 7.9 8.7 13.1#

