

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040621\
 Data File : VU042956.D
 Acq On : 06 Apr 2021 15:48
 Operator : SY/MD
 Sample : M1910-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 07 01:43:41 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)

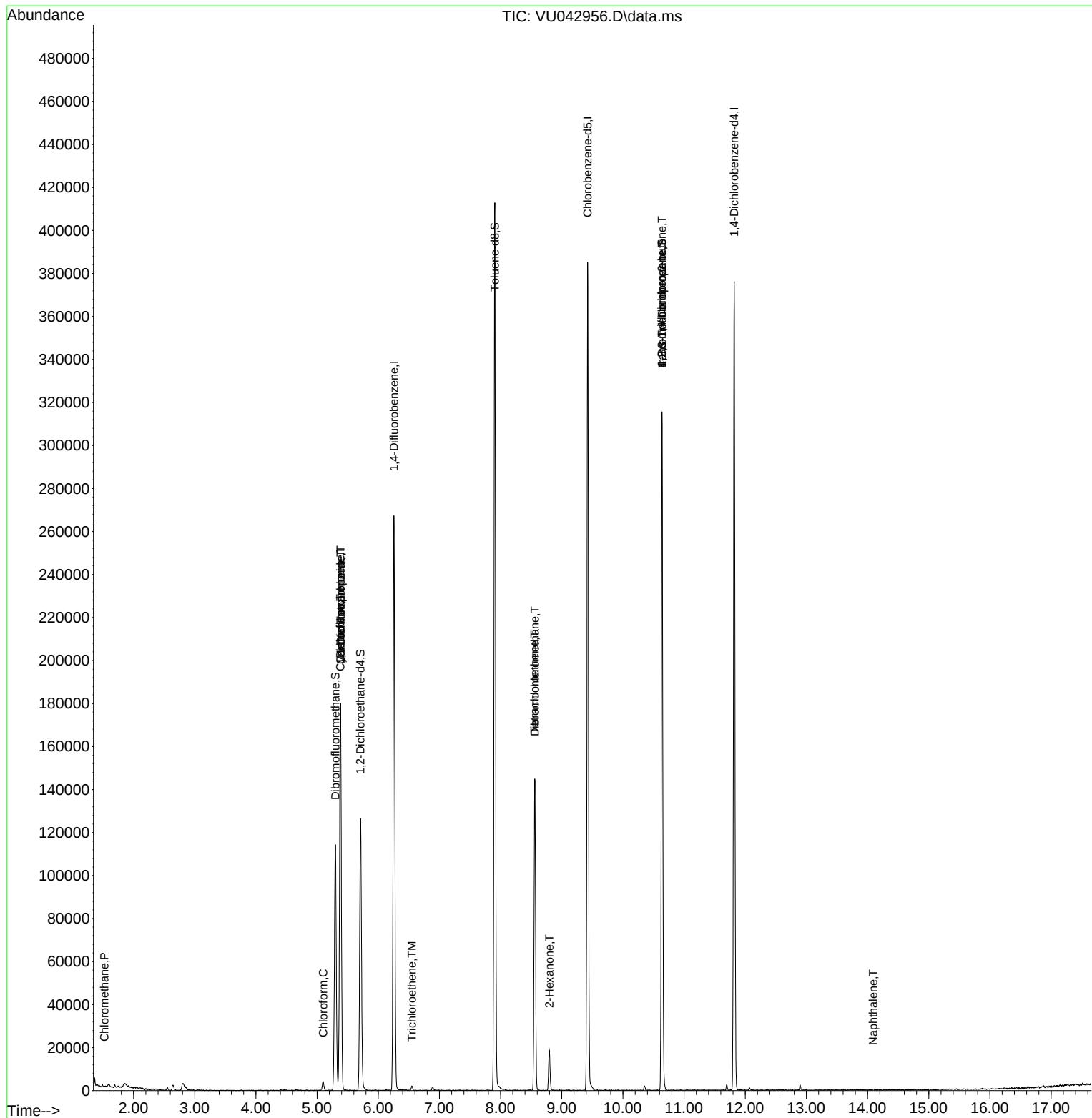
Internal Standards						
1) Pentafluorobenzene	5.382	168	124100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	202356	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	193167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	93392	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	101207	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
35) Dibromofluoromethane	5.298	113	70601	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	
50) Toluene-d8	7.906	98	254994	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	10.639	95	92417	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	320	0.20	ug/l #	63
5) Bromomethane	1.858	94	150	Below Cal	#	78
6) Chloroethane	1.951	64	88	Below Cal	#	43
16) Acetone	2.642	43	3516	Below Cal		92
30) Chloroform	5.099	83	3440	1.26	ug/l	94
31) Cyclohexane	5.378	56	2917	1.18	ug/l #	9
36) 1,1-Dichloropropene	5.385	75	10200	5.10	ug/l #	46
38) Carbon Tetrachloride	5.385	117	12463	5.45	ug/l #	17
44) Trichloroethene	6.549	130	612	0.40	ug/l	98
59) 2-Hexanone	8.800	43	3239	1.24	ug/l #	49
60) Dibromochloromethane	8.562	129	29215	15.95	ug/l #	10
64) Tetrachloroethene	8.558	164	30796	19.75	ug/l	99
76) 1,2,3-Trichloropropane	10.639	75	52984	22.31	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	52984	66.09	ug/l #	6
95) Naphthalene	14.092	128	533	2.65	ug/l #	68

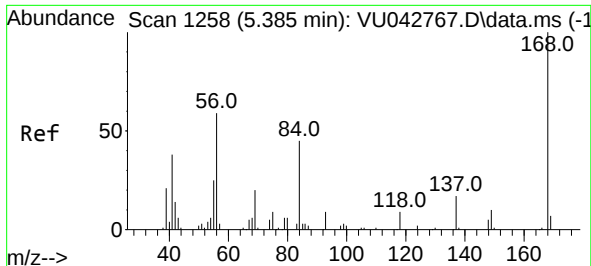
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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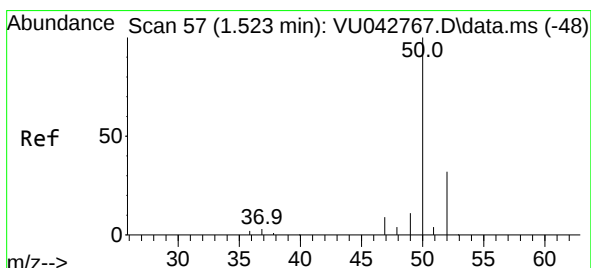
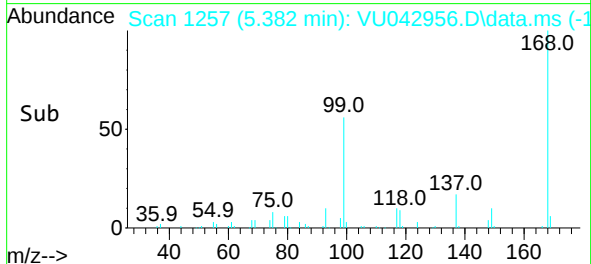
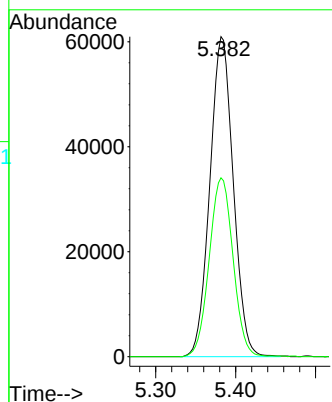
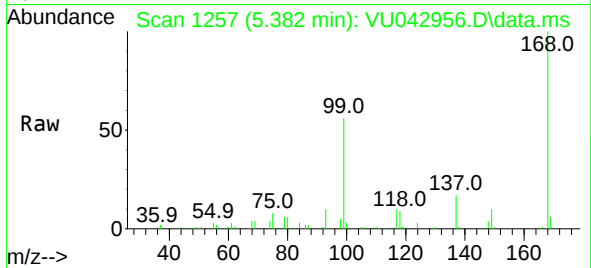




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042956.D
Acq: 06 Apr 2021 15:48

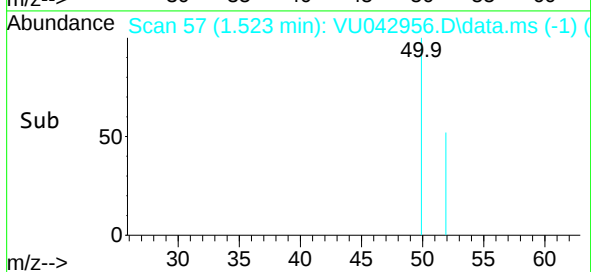
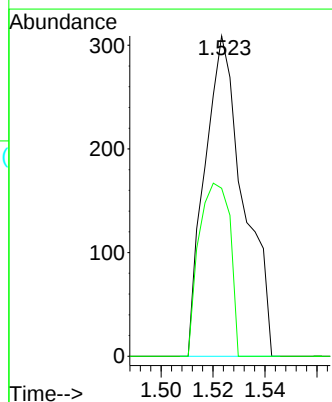
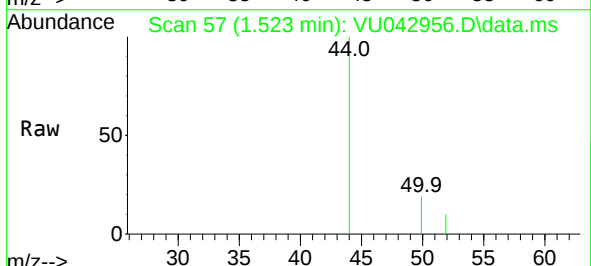
Instrument :
MSVOA_U
ClientSampleId :

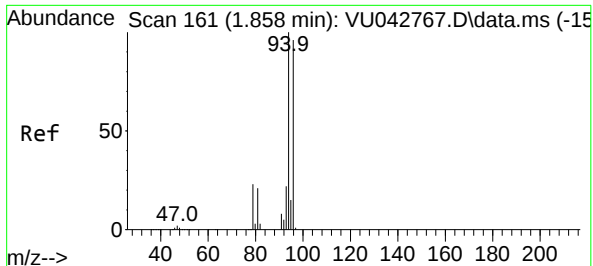
Tgt Ion:168 Resp: 124100
Ion Ratio Lower Upper
168 100
99 55.9 46.4 69.6



#3
Chloromethane
Concen: 0.20 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042956.D
Acq: 06 Apr 2021 15:48

Tgt Ion: 50 Resp: 320
Ion Ratio Lower Upper
50 100
52 52.4 25.4 38.0#

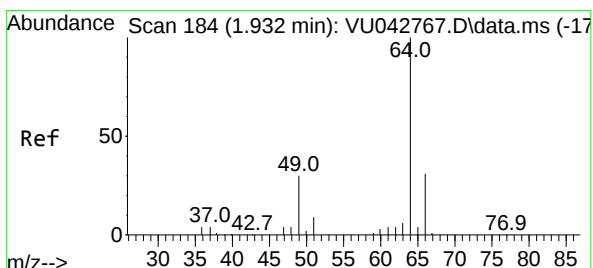
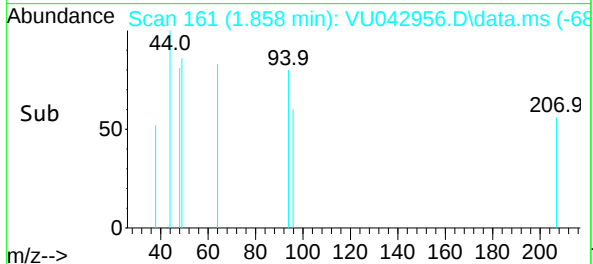
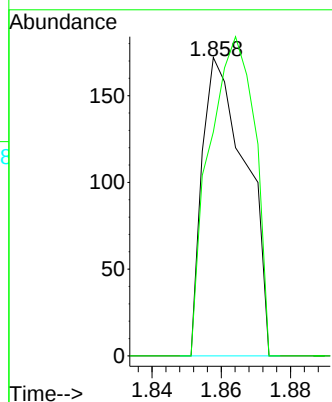
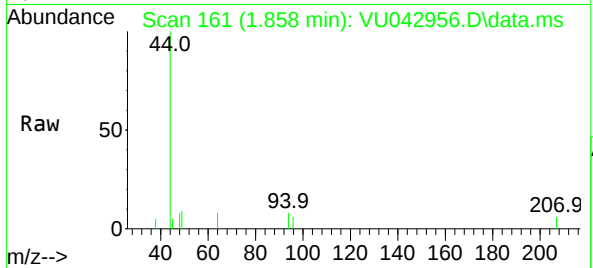




#5
Bromomethane
Concen: Below Cal
RT: 1.858 min Scan# 161
Delta R.T. -0.000 min
Lab File: VU042956.D
Acq: 06 Apr 2021 15:48

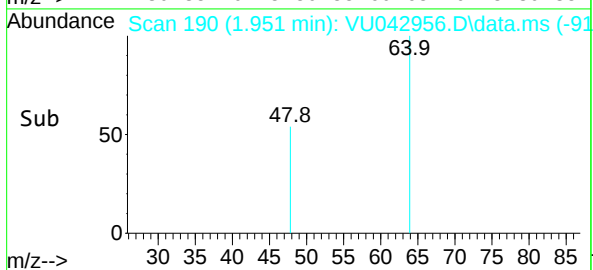
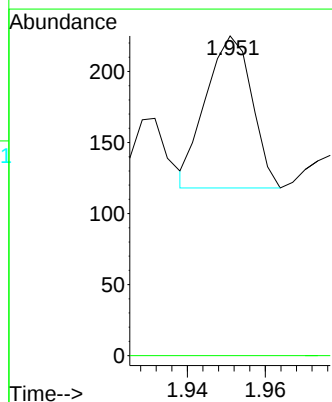
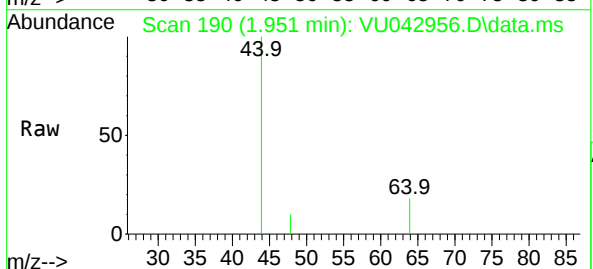
Instrument :
MSVOA_U
ClientSampled :

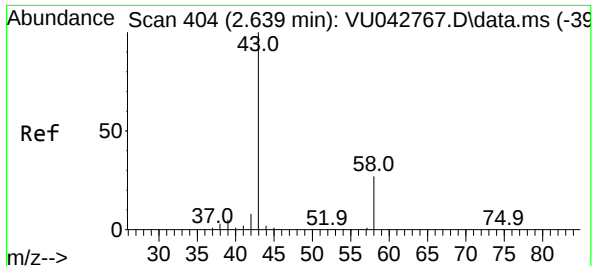
Tgt Ion: 94 Resp: 150
Ion Ratio Lower Upper
94 100
96 75.0 77.1 115.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.951 min Scan# 190
Delta R.T. 0.019 min
Lab File: VU042956.D
Acq: 06 Apr 2021 15:48

Tgt Ion: 64 Resp: 88
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.6#

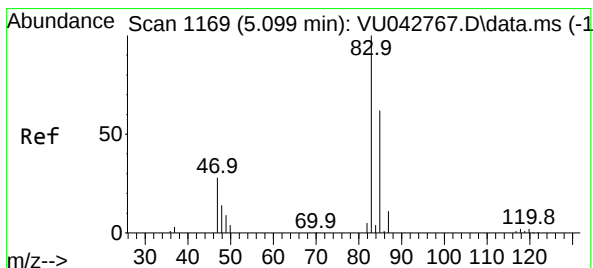
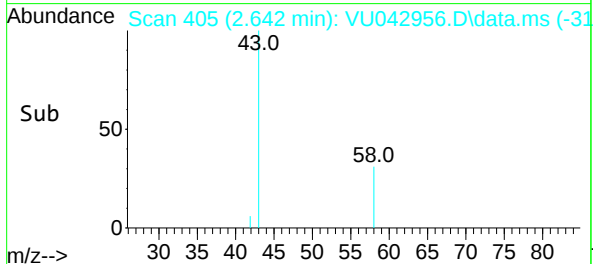
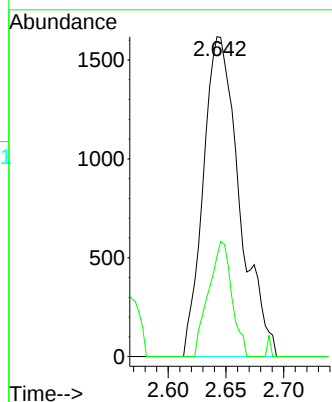
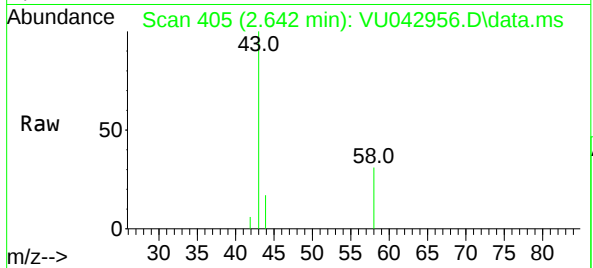




#16
Acetone
Concen: Below Cal
RT: 2.642 min Scan# 405
Delta R.T. 0.003 min
Lab File: VU042956.D
Acq: 06 Apr 2021 15:48

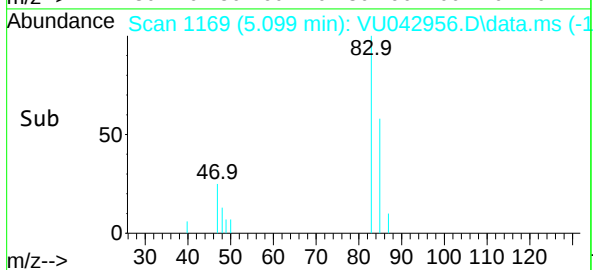
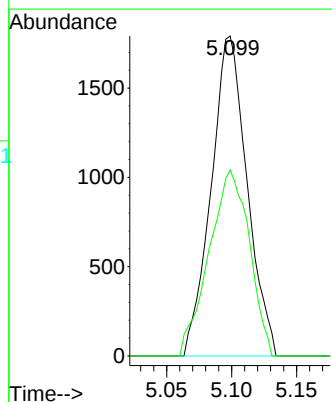
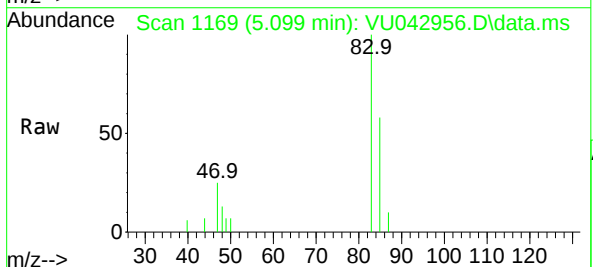
Instrument :
MSVOA_U
ClientSampled :

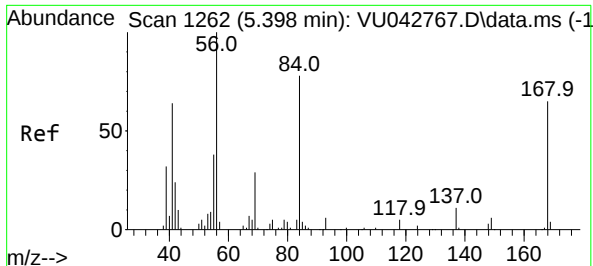
Tgt Ion: 43 Resp: 3516
Ion Ratio Lower Upper
43 100
58 31.4 21.6 32.4



#30
Chloroform
Concen: 1.26 ug/l
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042956.D
Acq: 06 Apr 2021 15:48

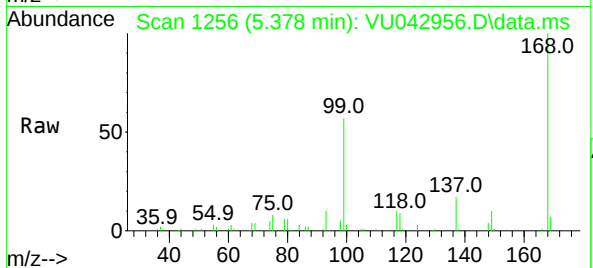
Tgt Ion: 83 Resp: 3440
Ion Ratio Lower Upper
83 100
85 58.1 49.9 74.9



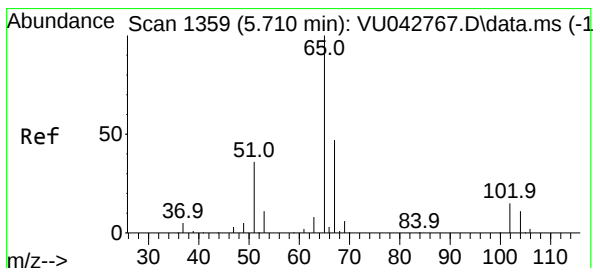
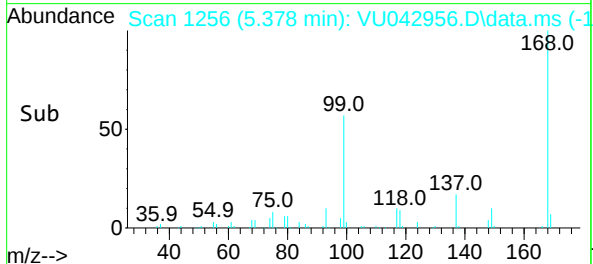
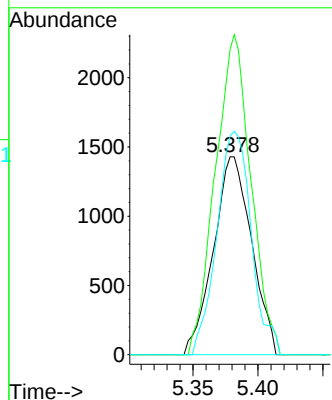


#31
Cyclohexane
Concen: 1.18 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.019 min
Lab File: VU042956.D
Acq: 06 Apr 2021 15:48

Instrument :
MSVOA_U
ClientSampled :

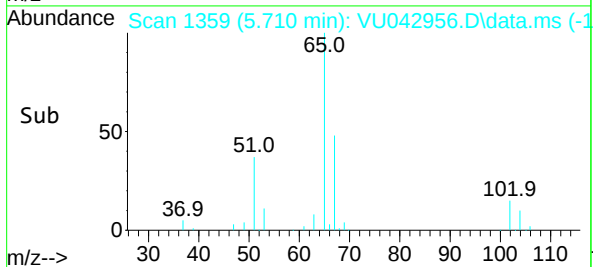
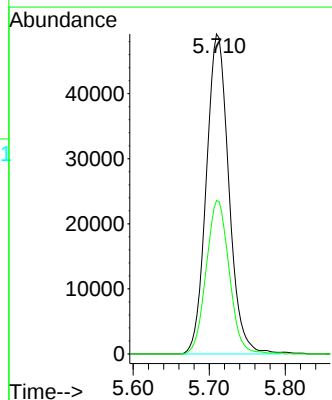
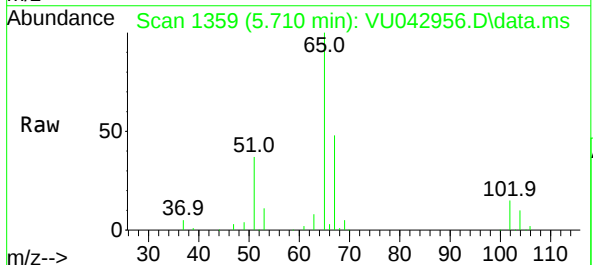


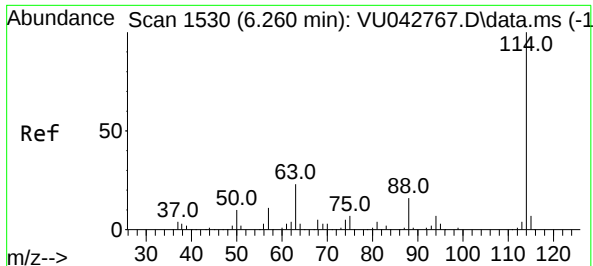
Tgt Ion: 56 Resp: 2917
Ion Ratio Lower Upper
56 100
69 154.4 23.3 34.9#
84 110.6 62.2 93.4#



#33
1,2-Dichloroethane-d4
Concen: 51.16 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042956.D
Acq: 06 Apr 2021 15:48

Tgt Ion: 65 Resp: 101207
Ion Ratio Lower Upper
65 100
67 48.9 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: VU042956.D

Acq: 06 Apr 2021 15:48

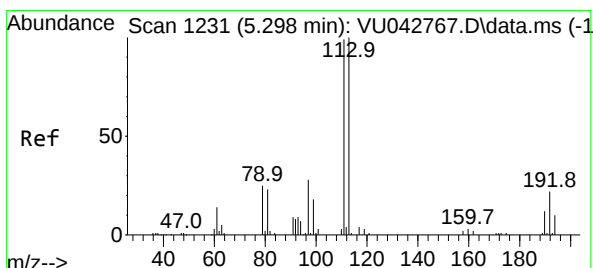
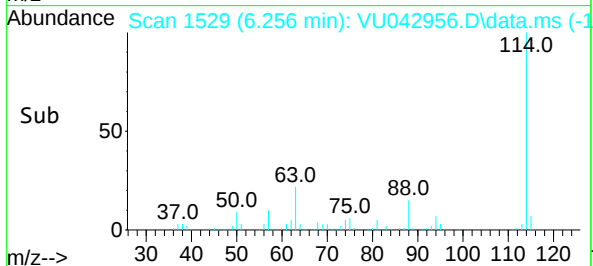
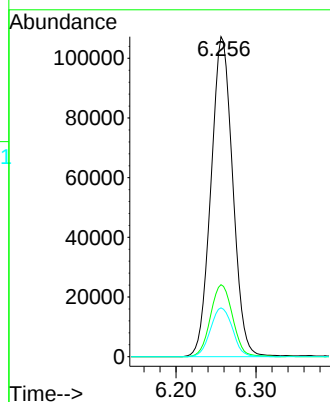
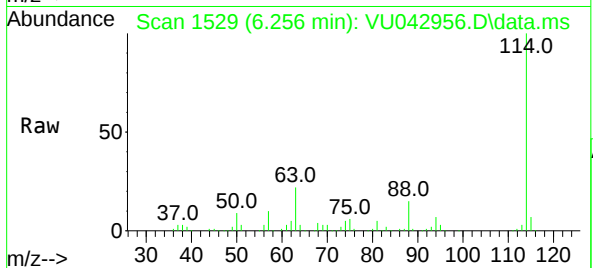
Tgt Ion:114 Resp: 202356

Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.8

88 15.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 46.75 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VU042956.D

Acq: 06 Apr 2021 15:48

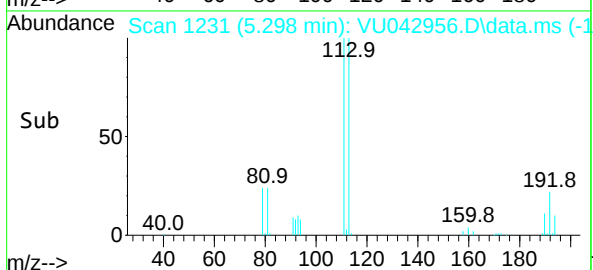
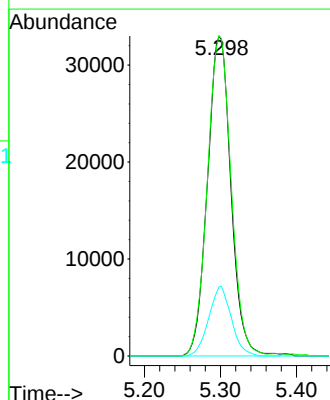
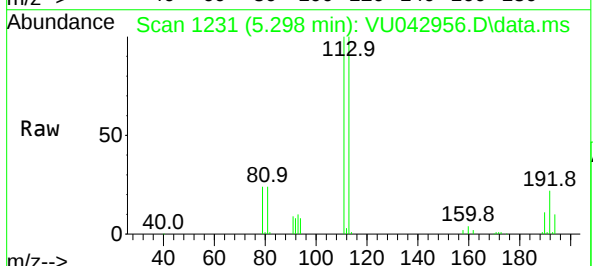
Tgt Ion:113 Resp: 70601

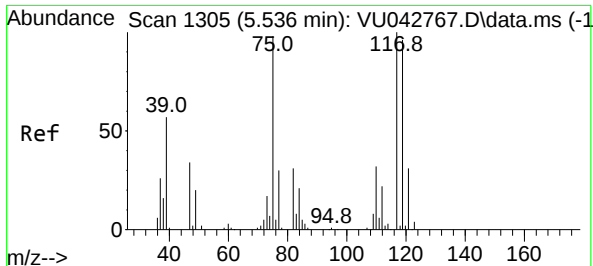
Ion Ratio Lower Upper

113 100

111 101.4 82.1 123.1

192 21.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.10 ug/l

RT: 5.385 min Scan# 1258

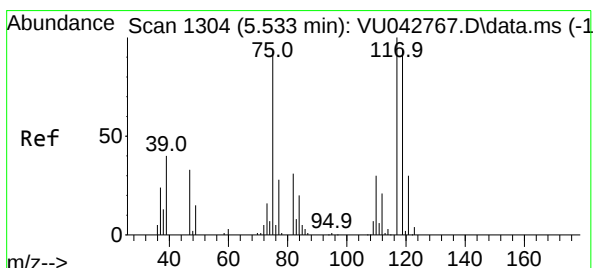
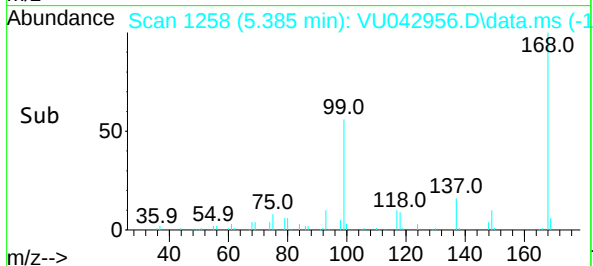
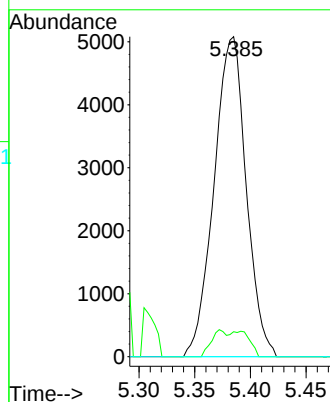
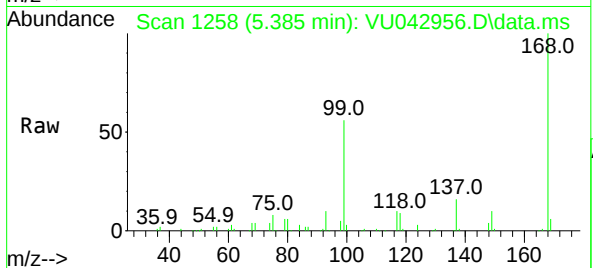
Delta R.T. -0.151 min

Lab File: VU042956.D

Acq: 06 Apr 2021 15:48

Tgt Ion:	75	Resp:	10200
Ion	Ratio	Lower	Upper
75	100		
110	4.0	16.6	49.7#
77	0.0	24.7	37.1#

Instrument :
MSVOA_U
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.45 ug/l

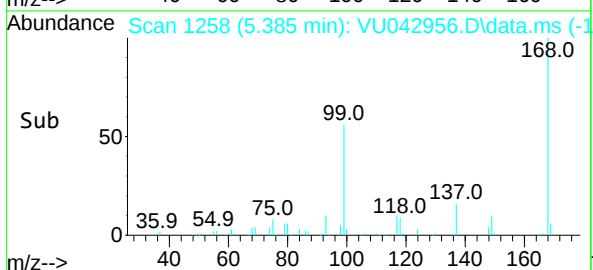
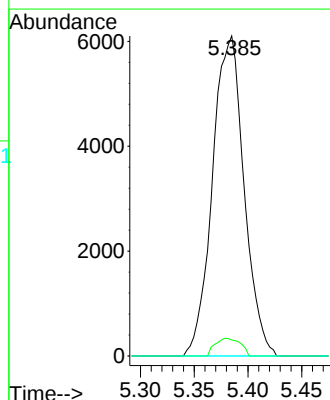
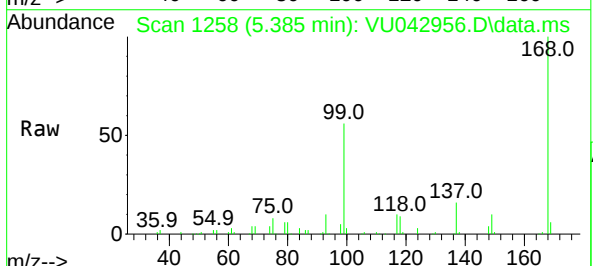
RT: 5.385 min Scan# 1258

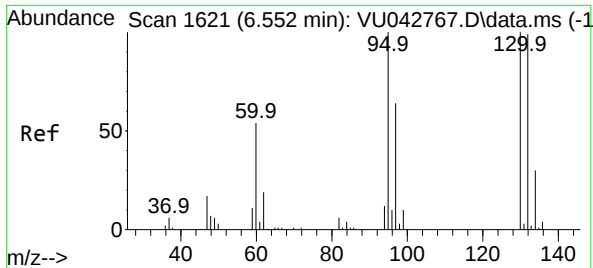
Delta R.T. -0.148 min

Lab File: VU042956.D

Acq: 06 Apr 2021 15:48

Tgt Ion:	117	Resp:	12463
Ion	Ratio	Lower	Upper
117	100		
119	5.0	75.2	112.8#
121	0.0	24.2	36.4#

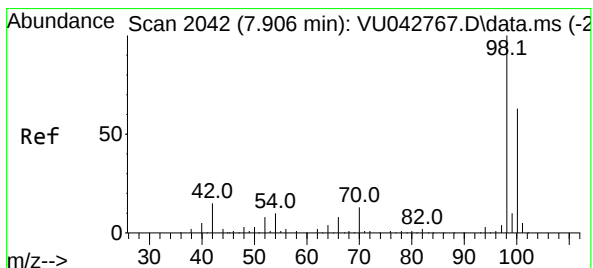
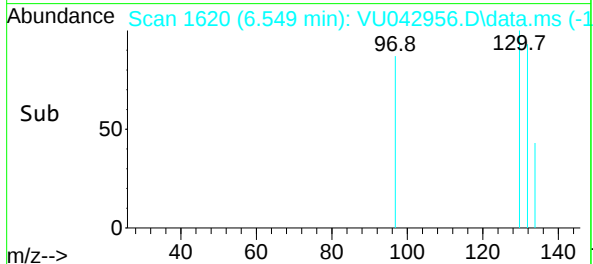
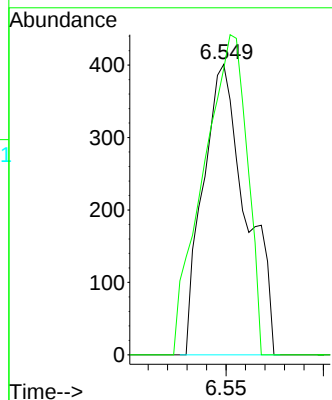
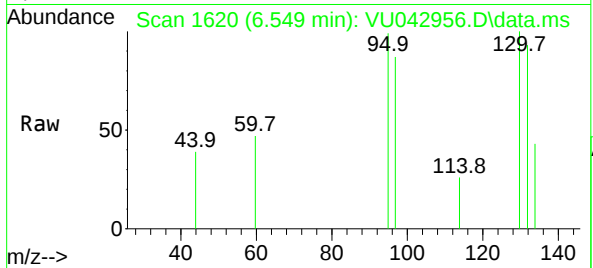




#44
Trichloroethene
Concen: 0.40 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042956.D
Acq: 06 Apr 2021 15:48

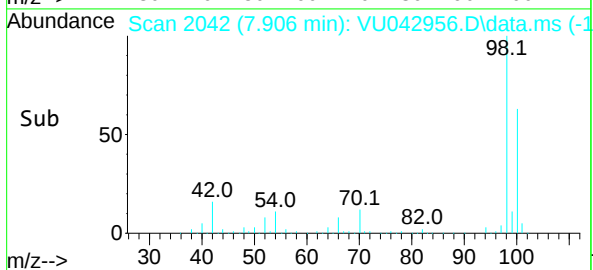
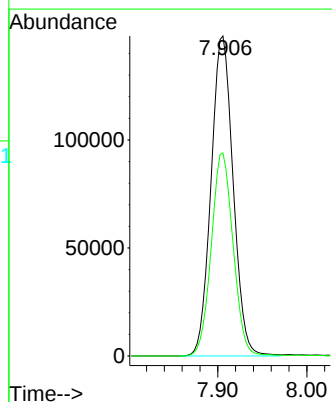
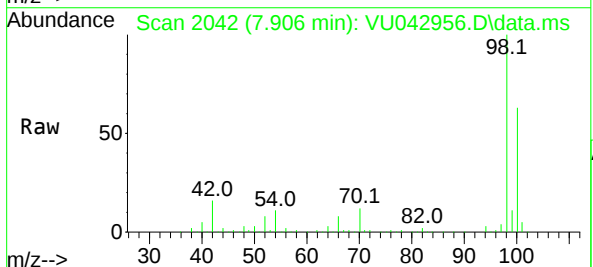
Instrument :
MSVOA_U
ClientSampleId :

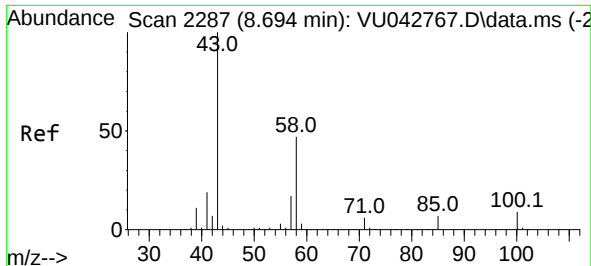
Tgt Ion:130 Resp: 612
Ion Ratio Lower Upper
130 100
95 98.5 0.0 200.8



#50
Toluene-d8
Concen: 47.99 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042956.D
Acq: 06 Apr 2021 15:48

Tgt Ion: 98 Resp: 254994
Ion Ratio Lower Upper
98 100
100 62.7 50.4 75.6





#59

2-Hexanone

Concen: 1.24 ug/l

RT: 8.800 min Scan# 2320

Delta R.T. 0.106 min

Lab File: VU042956.D

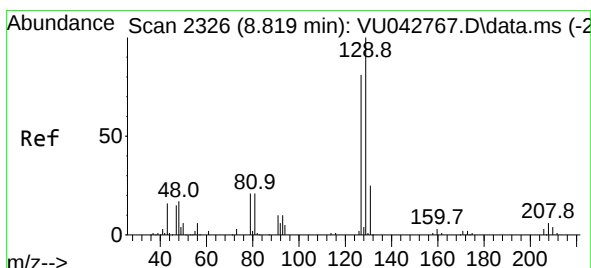
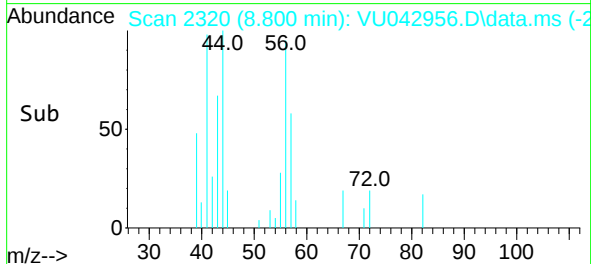
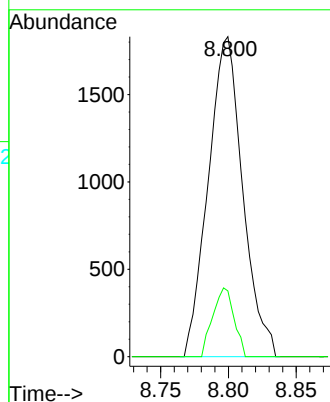
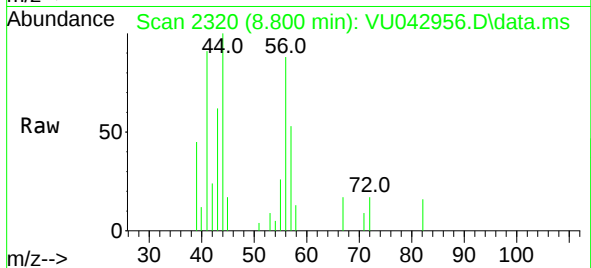
Acq: 06 Apr 2021 15:48

Tgt Ion: 43 Resp: 3239

Ion Ratio Lower Upper

43 100

58 13.2 23.8 71.2#



#60

Dibromochloromethane

Concen: 15.95 ug/l

RT: 8.562 min Scan# 2246

Delta R.T. -0.257 min

Lab File: VU042956.D

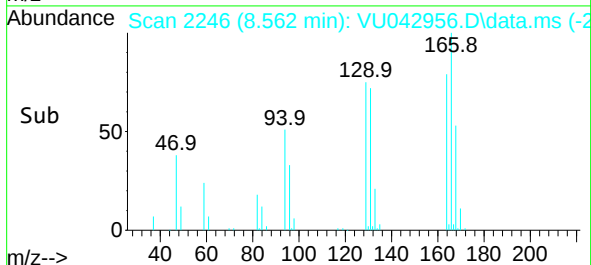
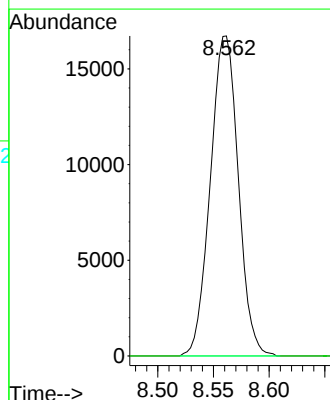
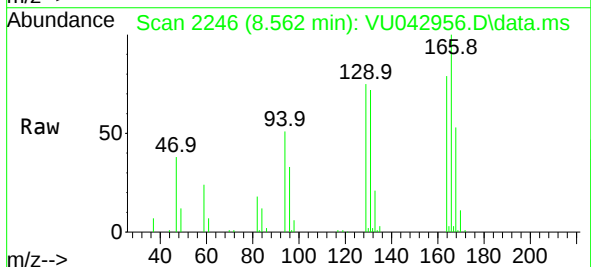
Acq: 06 Apr 2021 15:48

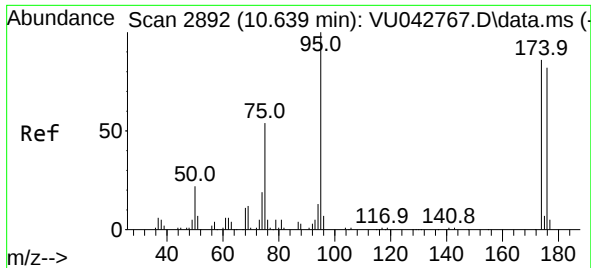
Tgt Ion: 129 Resp: 29215

Ion Ratio Lower Upper

129 100

127 0.0 39.4 118.2#

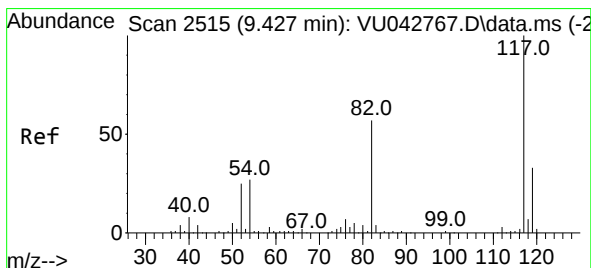
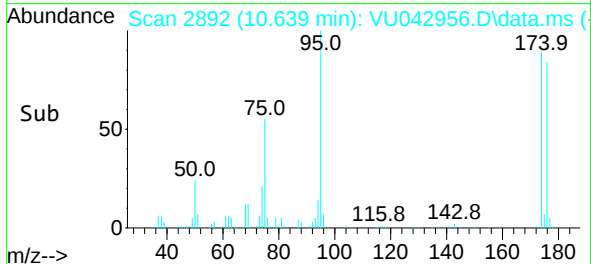
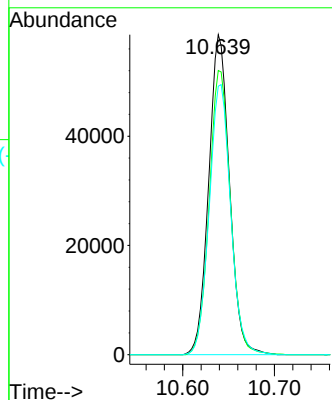
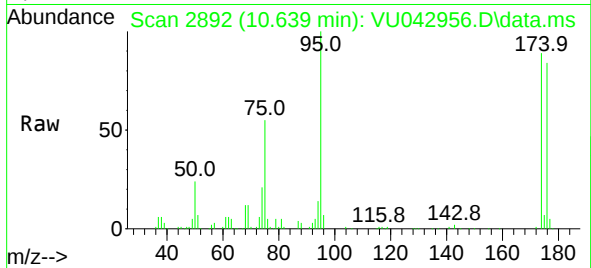




#62
4-Bromofluorobenzene
Concen: 44.76 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042956.D
Acq: 06 Apr 2021 15:48

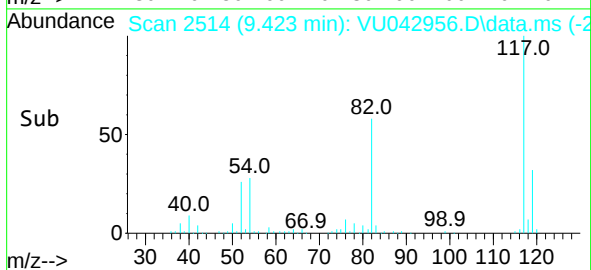
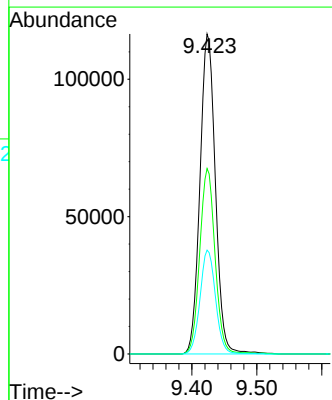
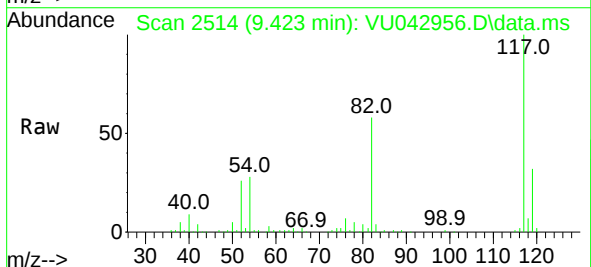
Instrument :
MSVOA_U
ClientSampleId :

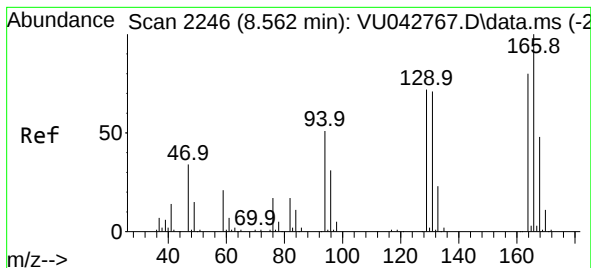
Tgt Ion: 95 Resp: 92417
Ion Ratio Lower Upper
95 100
174 90.4 0.0 175.2
176 87.1 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042956.D
Acq: 06 Apr 2021 15:48

Tgt Ion: 117 Resp: 193167
Ion Ratio Lower Upper
117 100
82 58.0 45.5 68.3
119 32.5 26.2 39.4





#64

Tetrachloroethene

Concen: 19.75 ug/l

RT: 8.558 min Scan# 2245

Delta R.T. -0.003 min

Lab File: VU042956.D

Acq: 06 Apr 2021 15:48

Tgt Ion:164 Resp: 30796

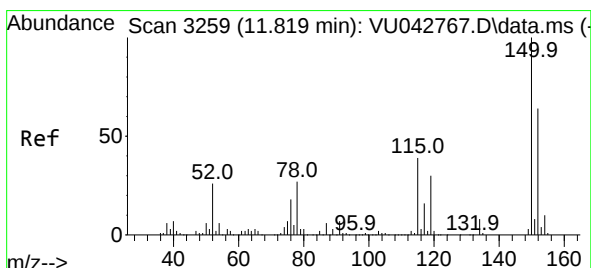
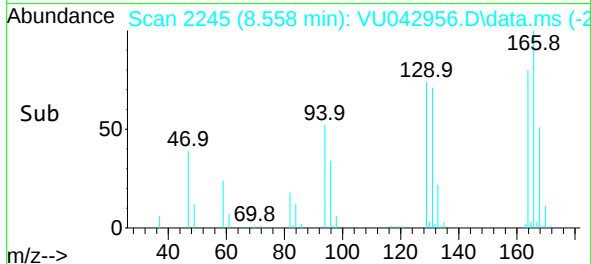
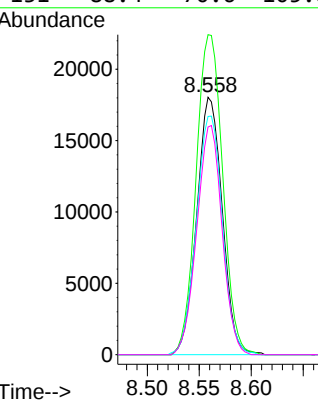
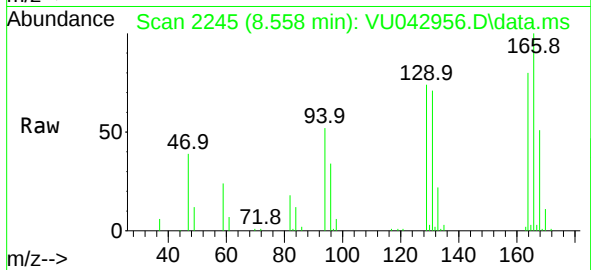
Ion Ratio Lower Upper

164 100

166 124.3 99.9 149.9

129 92.5 71.6 107.4

131 88.4 70.6 105.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.819 min Scan# 3259

Delta R.T. -0.000 min

Lab File: VU042956.D

Acq: 06 Apr 2021 15:48

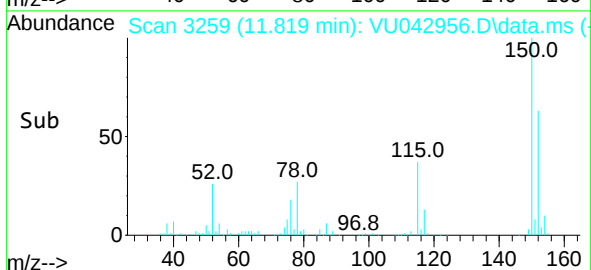
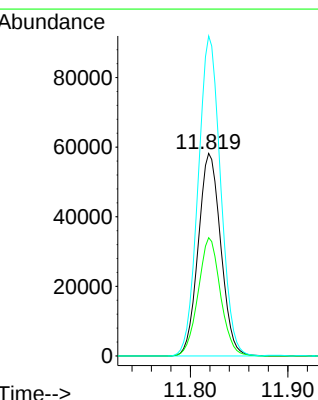
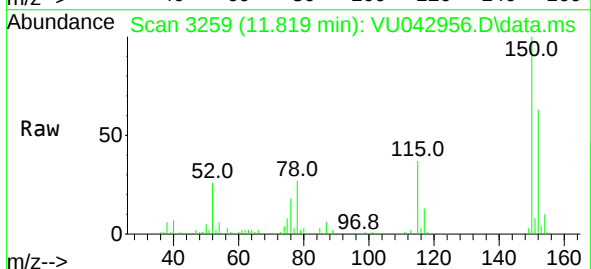
Tgt Ion:152 Resp: 93392

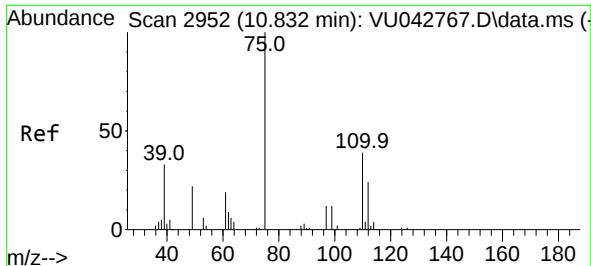
Ion Ratio Lower Upper

152 100

115 57.9 41.0 123.0

150 157.3 0.0 341.0

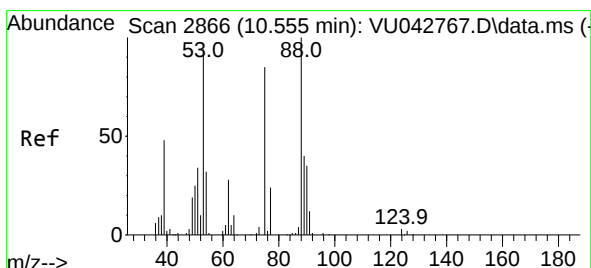
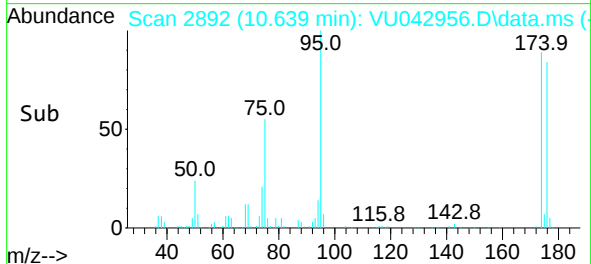
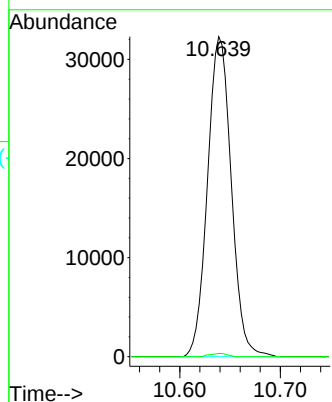
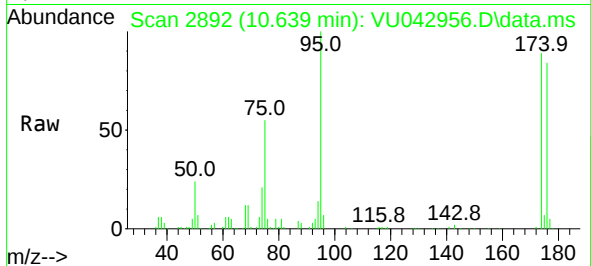




#76
1,2,3-Trichloropropane
Concen: 22.31 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042956.D
Acq: 06 Apr 2021 15:48

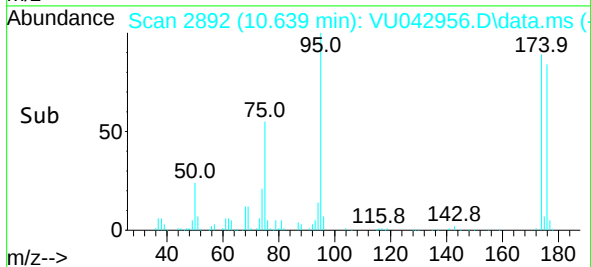
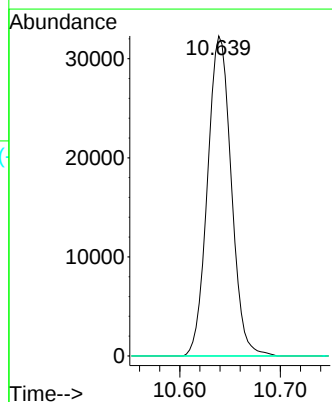
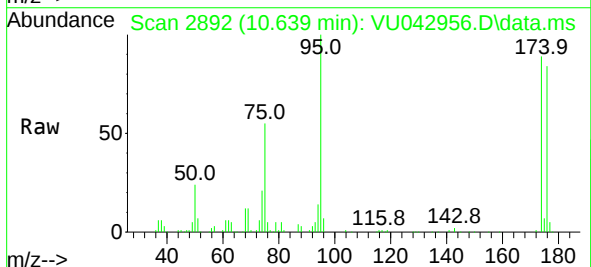
Instrument :
MSVOA_U
ClientSampled :

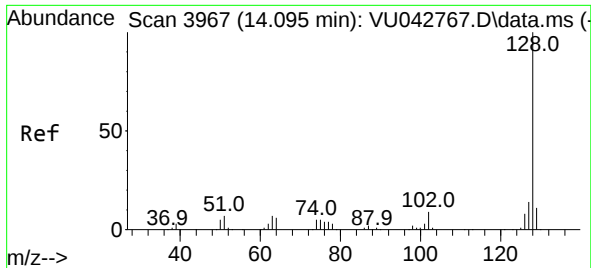
Tgt Ion: 75 Resp: 52984
Ion Ratio Lower Upper
75 100
77 0.7 19.6 58.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.09 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.083 min
Lab File: VU042956.D
Acq: 06 Apr 2021 15:48

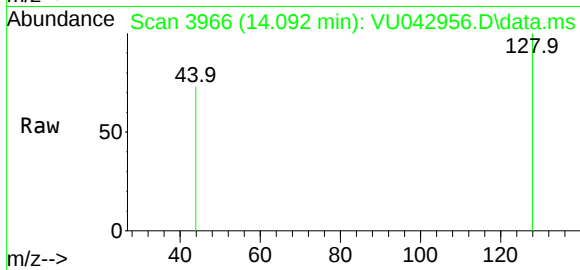
Tgt Ion: 75 Resp: 52984
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 2.65 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VU042956.D
Acq: 06 Apr 2021 15:48

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 533
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.7 13.1#

