

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040621\
 Data File : VU042945.D
 Acq On : 06 Apr 2021 11:36
 Operator : SY/MD
 Sample : VU0406WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 07 01:39:42 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)

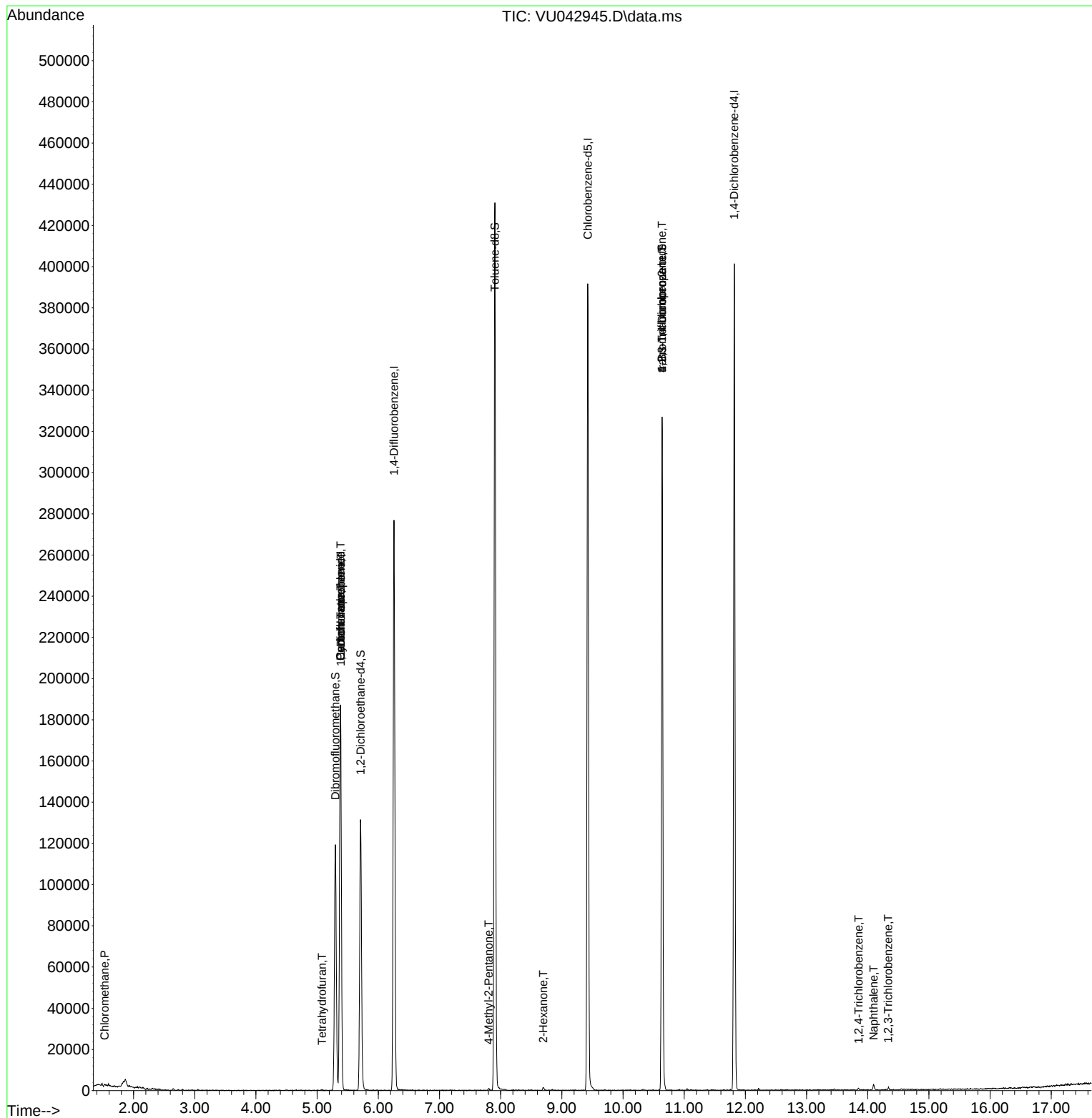
Internal Standards						
1) Pentafluorobenzene	5.382	168	130435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	207428	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	200475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	96655	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	104266	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
35) Dibromofluoromethane	5.298	113	73310	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
50) Toluene-d8	7.906	98	263911	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	10.639	95	98720	46.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.30%	
Target Compounds					Qvalue	
3) Chloromethane	1.527	50	580	0.35	ug/l	99
5) Bromomethane	1.864	94	301	Below Cal	#	80
6) Chloroethane	1.932	64	89	Below Cal	#	43
16) Acetone	2.642	43	525	Below Cal	#	48
29) Tetrahydrofuran	5.080	42	230	0.22	ug/l	# 38
31) Cyclohexane	5.382	56	3112	1.20	ug/l	# 5
36) 1,1-Dichloropropene	5.385	75	10603	5.17	ug/l	# 49
38) Carbon Tetrachloride	5.382	117	13560	5.79	ug/l	# 16
51) 4-Methyl-2-Pentanone	7.803	43	809	0.24	ug/l	# 40
59) 2-Hexanone	8.697	43	1363	0.51	ug/l	81
76) 1,2,3-Trichloropropane	10.639	75	55975	22.77	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	10.639	75	55975	67.47	ug/l	# 6
93) 1,2,4-Trichlorobenzene	13.851	180	437	0.22	ug/l	# 87
95) Naphthalene	14.098	128	2888	2.99	ug/l	# 94
96) 1,2,3-Trichlorobenzene	14.336	180	598	0.30	ug/l	96

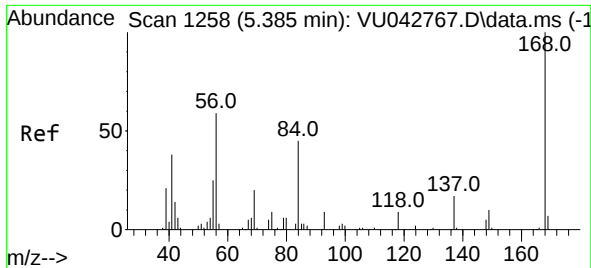
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_U/WATER
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Instrument :
MSVOA_U
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Quant Time: Apr 07 01:39:42 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

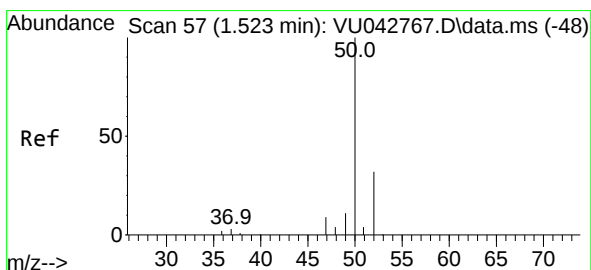
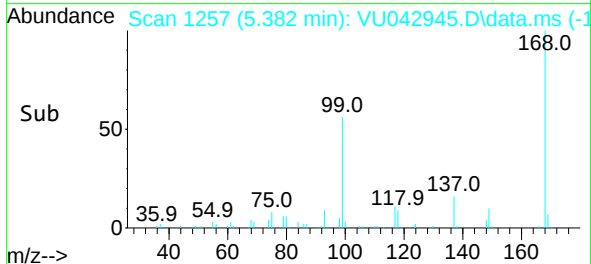
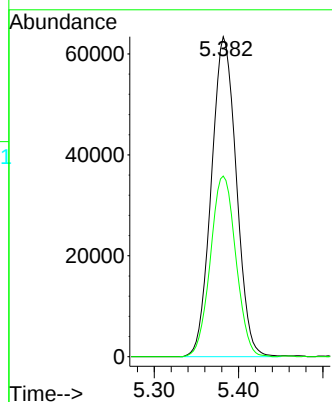
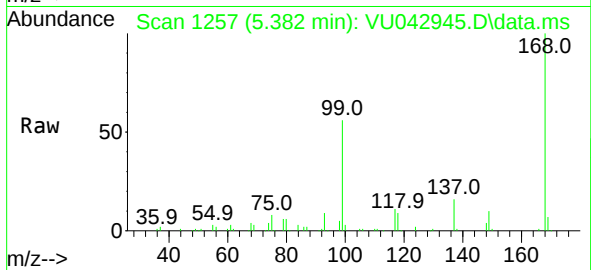




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042945.D
Acq: 06 Apr 2021 11:36

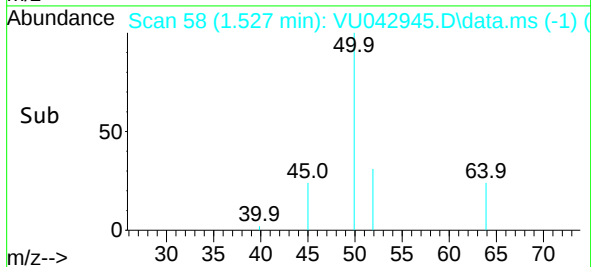
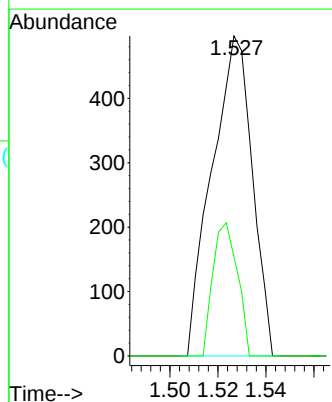
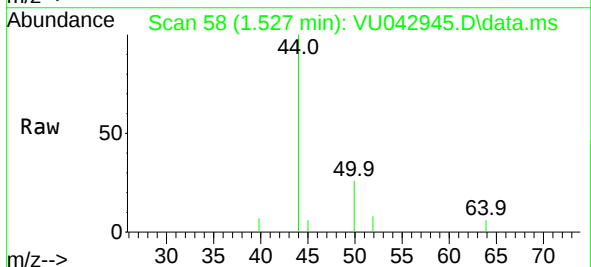
Instrument :
MSVOA_U
ClientSampled :

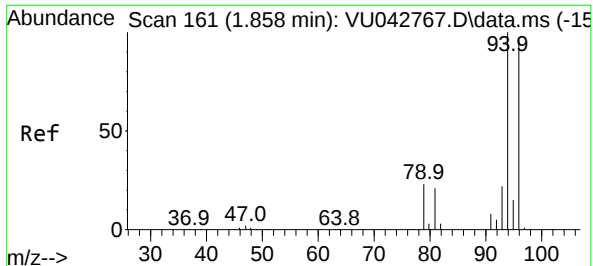
Tgt Ion:168 Resp: 130435
Ion Ratio Lower Upper
168 100
99 56.5 46.4 69.6



#3
Chloromethane
Concen: 0.35 ug/l
RT: 1.527 min Scan# 58
Delta R.T. 0.004 min
Lab File: VU042945.D
Acq: 06 Apr 2021 11:36

Tgt Ion: 50 Resp: 580
Ion Ratio Lower Upper
50 100
52 31.0 25.4 38.0

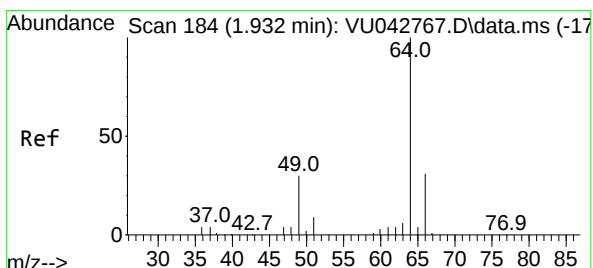
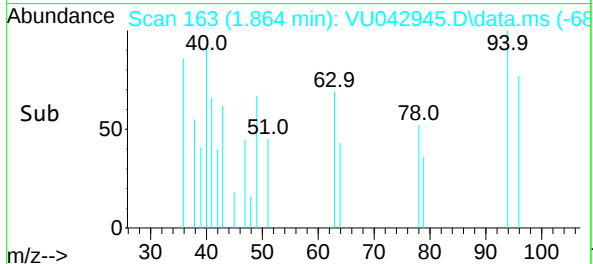
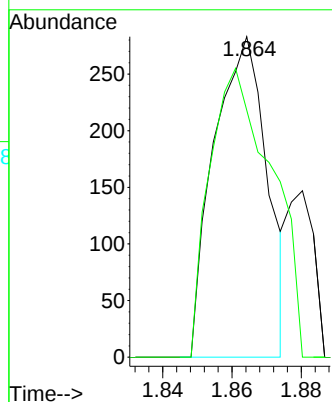
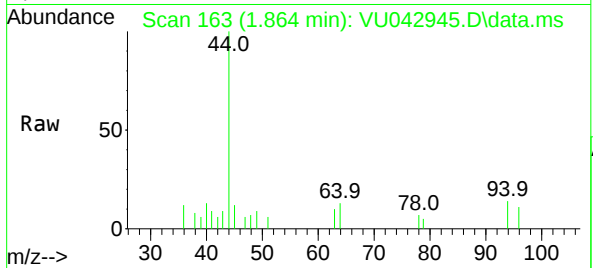




#5
Bromomethane
Concen: Below Cal
RT: 1.864 min Scan# 163
Delta R.T. 0.006 min
Lab File: VU042945.D
Acq: 06 Apr 2021 11:36

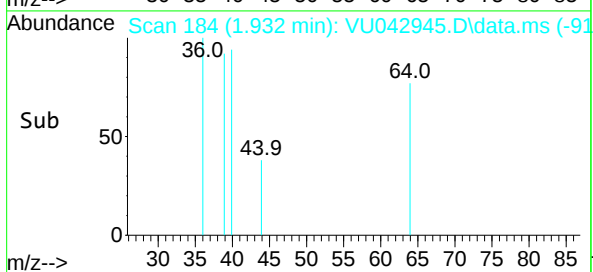
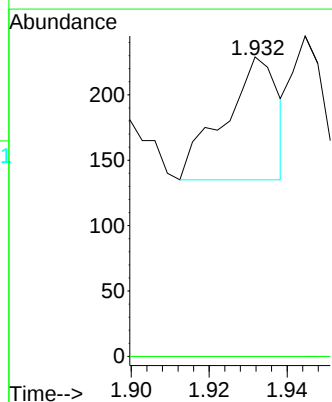
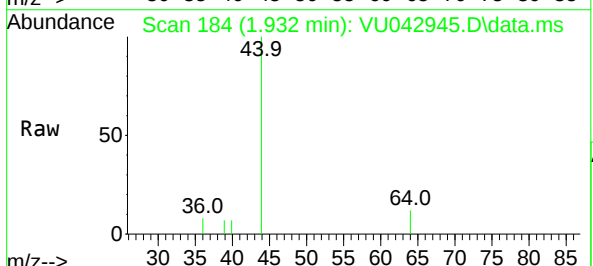
Instrument :
MSVOA_U
ClientSampled :

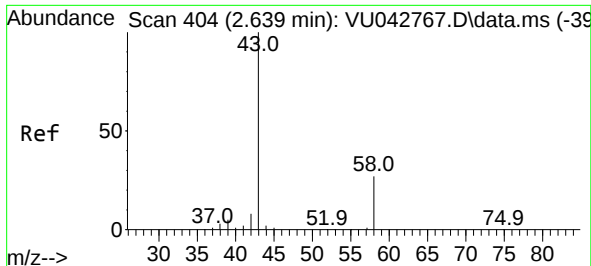
Tgt Ion: 94 Resp: 301
Ion Ratio Lower Upper
94 100
96 77.0 77.1 115.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU042945.D
Acq: 06 Apr 2021 11:36

Tgt Ion: 64 Resp: 89
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.6#

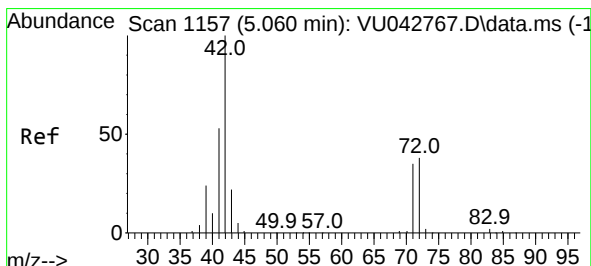
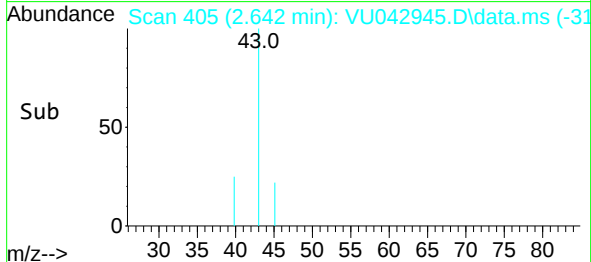
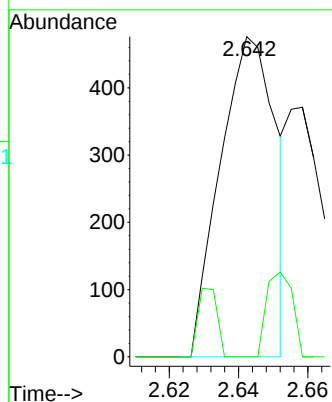
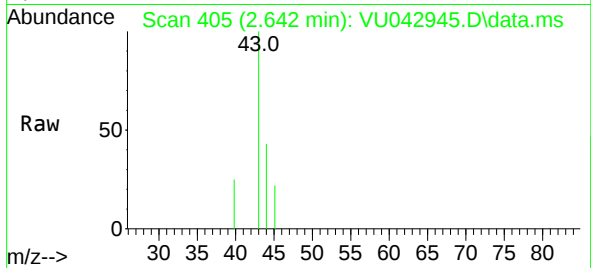




#16
Acetone
Concen: Below Cal
RT: 2.642 min Scan# 405
Delta R.T. 0.003 min
Lab File: VU042945.D
Acq: 06 Apr 2021 11:36

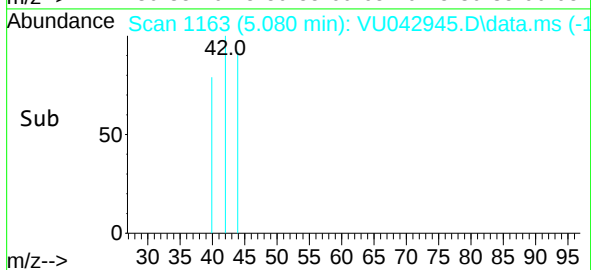
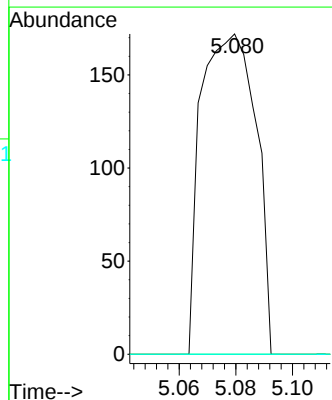
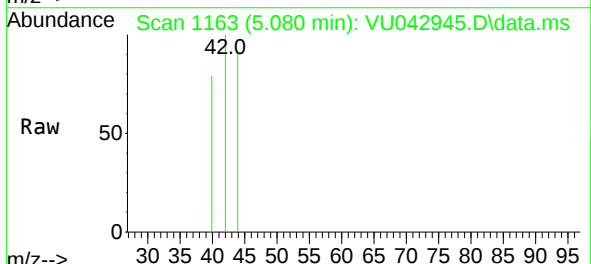
Instrument :
MSVOA_U
ClientSampled :

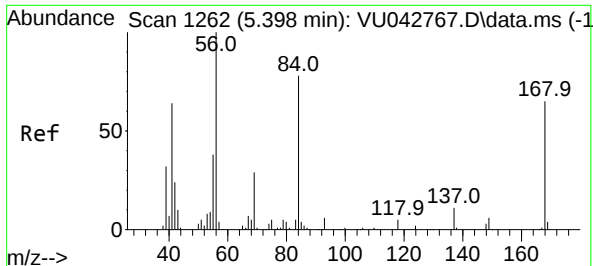
Tgt Ion: 43 Resp: 525
Ion Ratio Lower Upper
43 100
58 0.0 21.6 32.4#



#29
Tetrahydrofuran
Concen: 0.22 ug/l
RT: 5.080 min Scan# 1163
Delta R.T. 0.019 min
Lab File: VU042945.D
Acq: 06 Apr 2021 11:36

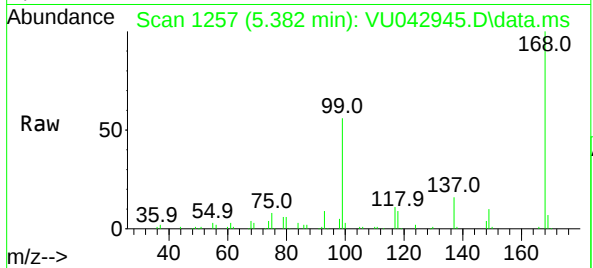
Tgt Ion: 42 Resp: 230
Ion Ratio Lower Upper
42 100
72 0.0 30.2 45.4#
71 0.0 28.6 42.8#



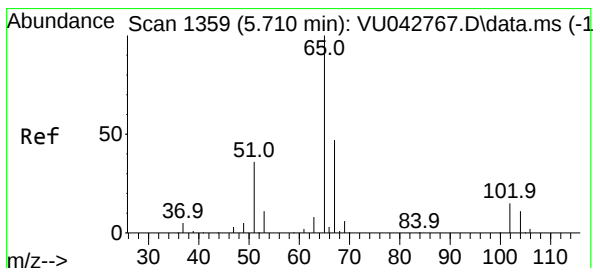
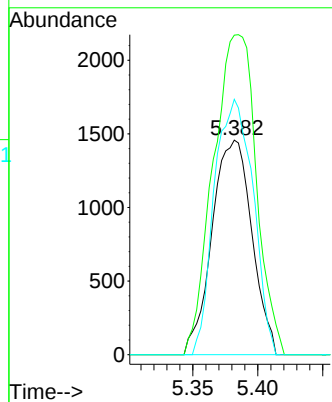
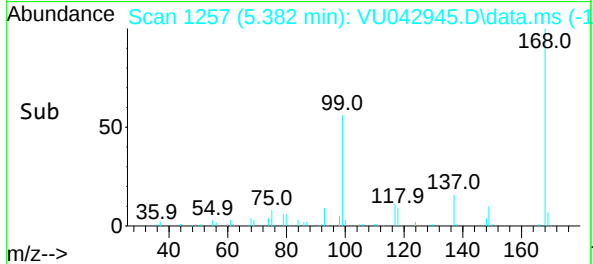


#31
Cyclohexane
Concen: 1.20 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.016 min
Lab File: VU042945.D
Acq: 06 Apr 2021 11:36

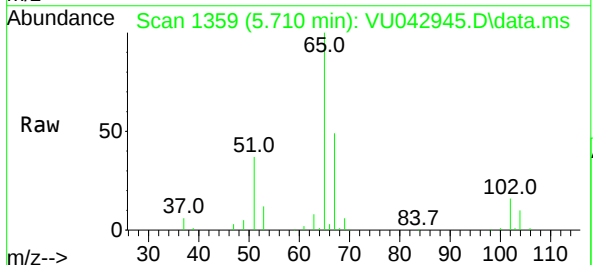
Instrument :
MSVOA_U
ClientSampleId :



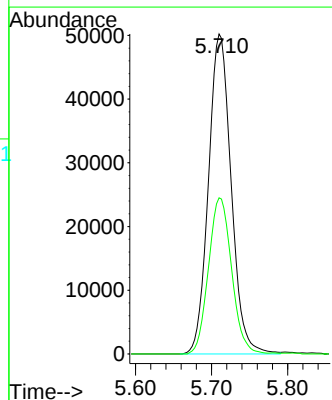
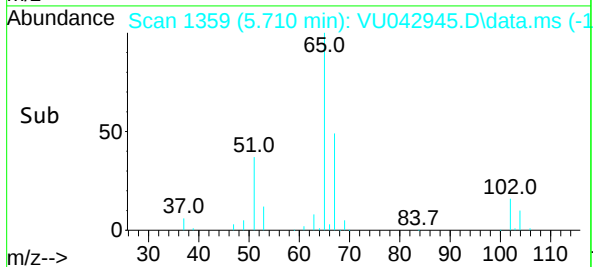
Tgt Ion: 56 Resp: 3112
Ion Ratio Lower Upper
56 100
69 148.9 23.3 34.9#
84 119.0 62.2 93.4#

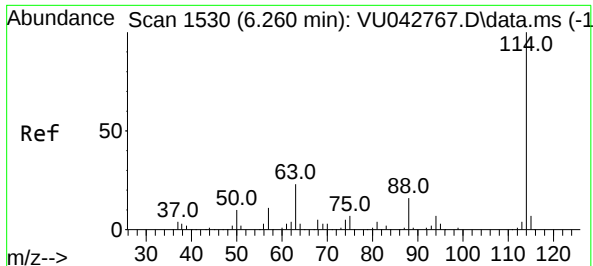


#33
1,2-Dichloroethane-d4
Concen: 50.14 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042945.D
Acq: 06 Apr 2021 11:36



Tgt Ion: 65 Resp: 104266
Ion Ratio Lower Upper
65 100
67 49.7 0.0 98.8

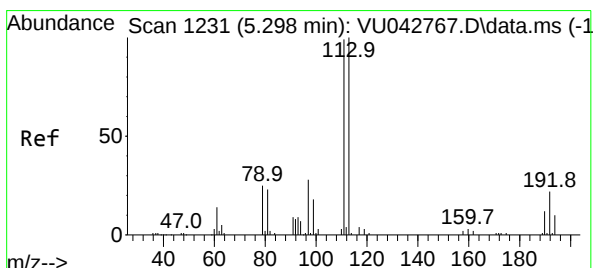
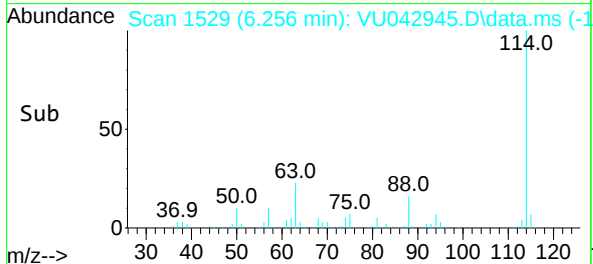
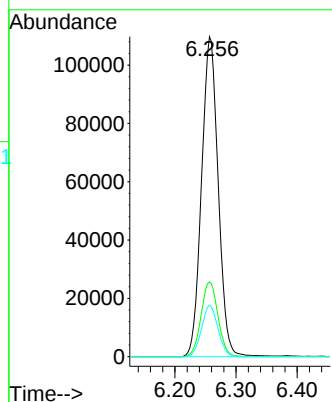
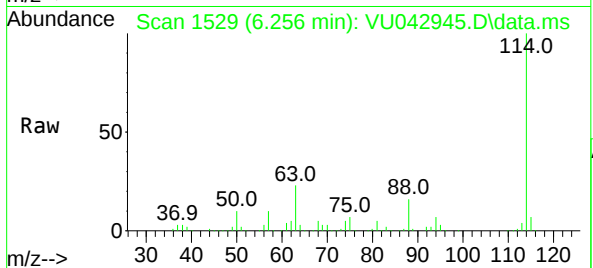




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.004 min
Lab File: VU042945.D
Acq: 06 Apr 2021 11:36

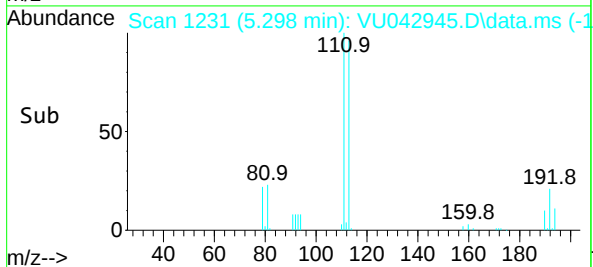
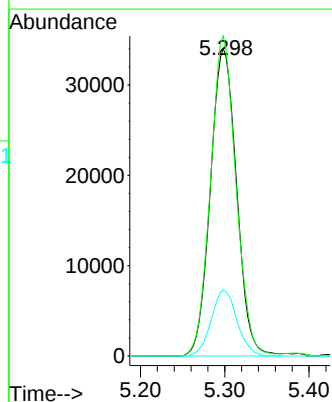
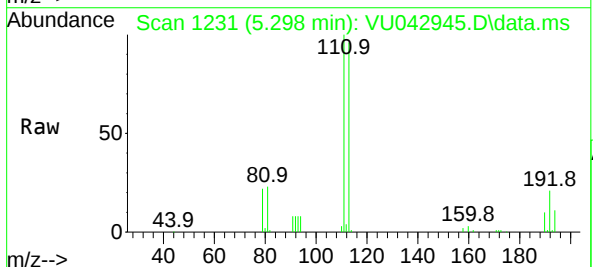
Instrument :
MSVOA_U
ClientSampleId :

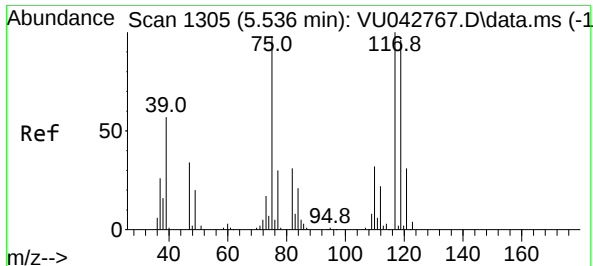
Tgt Ion:114 Resp: 207428
Ion Ratio Lower Upper
114 100
63 23.3 0.0 46.8
88 16.0 0.0 32.2



#35
Dibromofluoromethane
Concen: 47.36 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042945.D
Acq: 06 Apr 2021 11:36

Tgt Ion:113 Resp: 73310
Ion Ratio Lower Upper
113 100
111 101.4 82.1 123.1
192 21.1 17.6 26.4

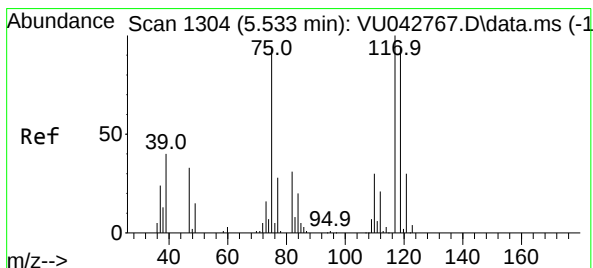
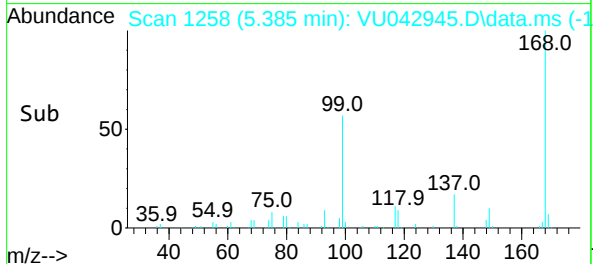
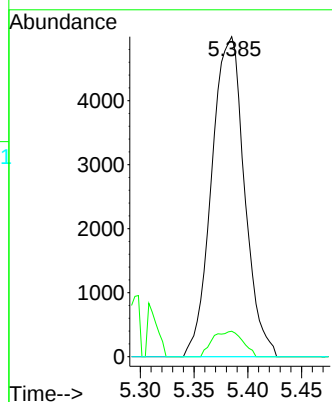
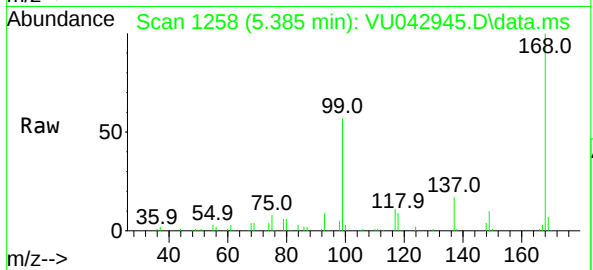




#36
1,1-Dichloropropene
Concen: 5.17 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.151 min
Lab File: VU042945.D
Acq: 06 Apr 2021 11:36

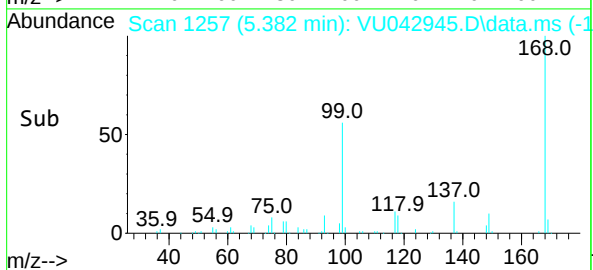
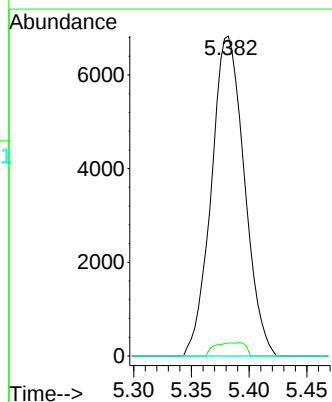
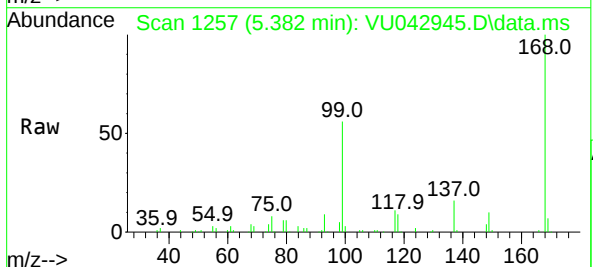
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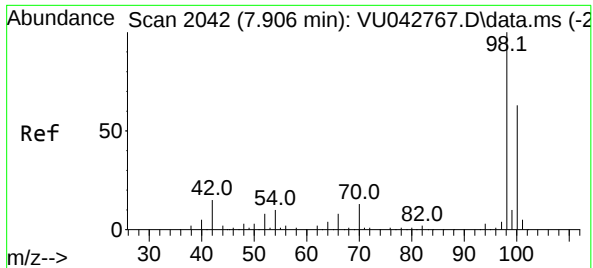
Tgt Ion: 75 Resp: 10603
Ion Ratio Lower Upper
75 100
110 7.3 16.6 49.7#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.79 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042945.D
Acq: 06 Apr 2021 11:36

Tgt Ion: 117 Resp: 13560
Ion Ratio Lower Upper
117 100
119 4.0 75.2 112.8#
121 0.0 24.2 36.4#

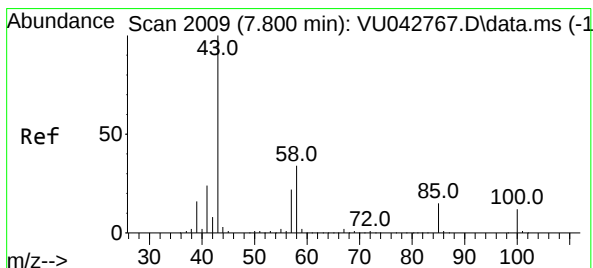
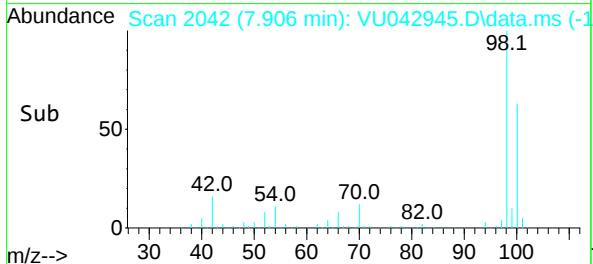
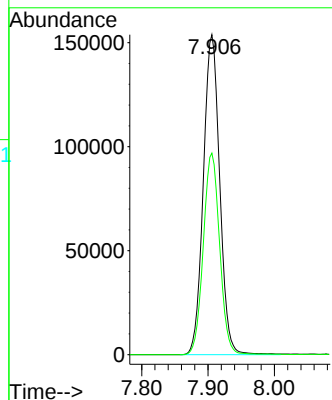
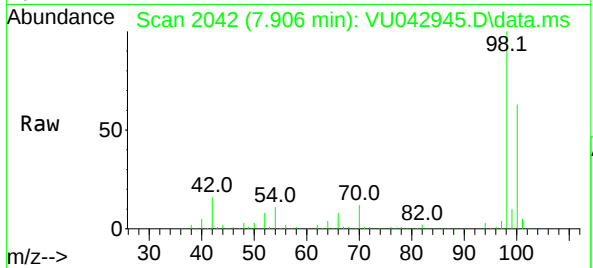




#50
Toluene-d8
Concen: 48.46 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042945.D
Acq: 06 Apr 2021 11:36

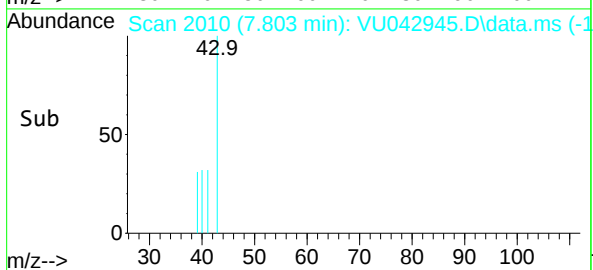
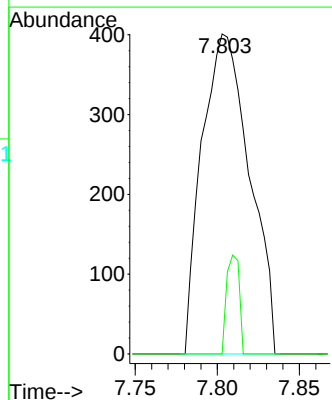
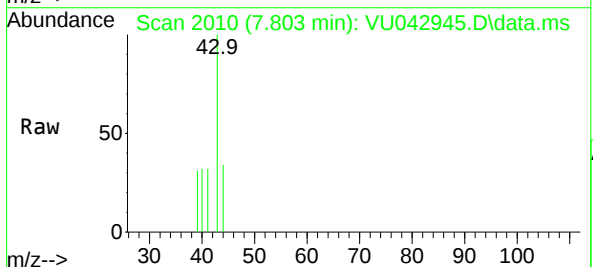
Instrument :
MSVOA_U
ClientSampled :

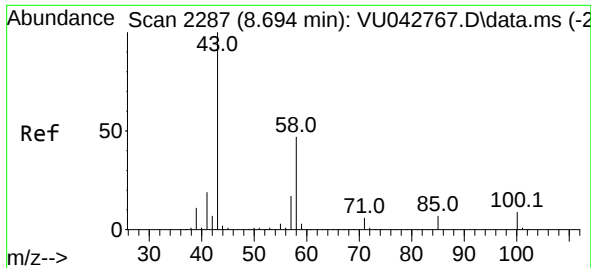
Tgt Ion: 98 Resp: 263911
Ion Ratio Lower Upper
98 100
100 62.8 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.24 ug/l
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU042945.D
Acq: 06 Apr 2021 11:36

Tgt Ion: 43 Resp: 809
Ion Ratio Lower Upper
43 100
58 0.0 27.4 41.2#

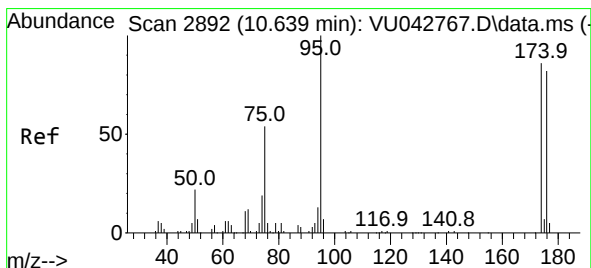
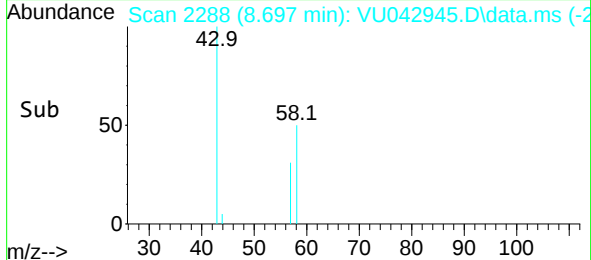
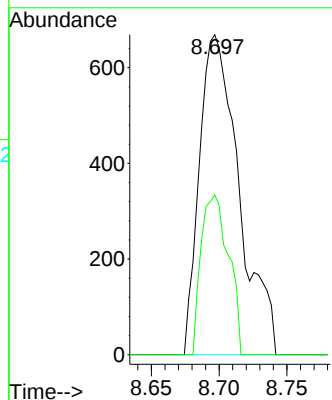
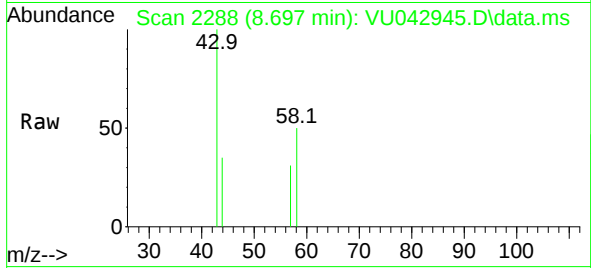




#59
2-Hexanone
Concen: 0.51 ug/l
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU042945.D
Acq: 06 Apr 2021 11:36

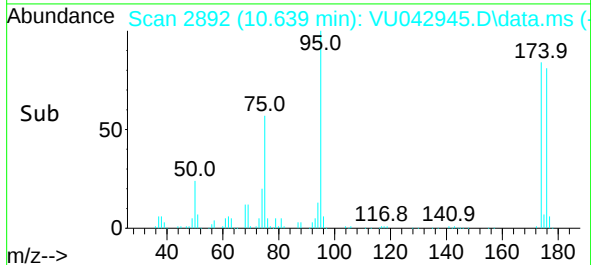
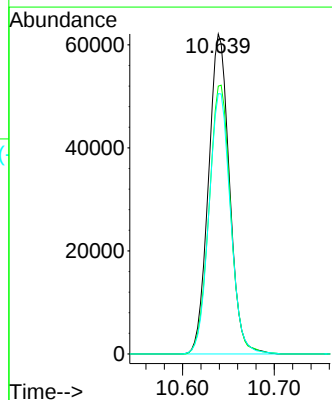
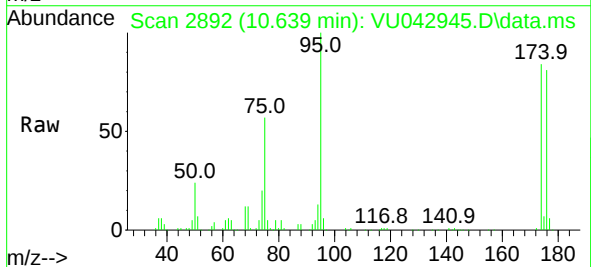
Instrument :
MSVOA_U
ClientSampleId :

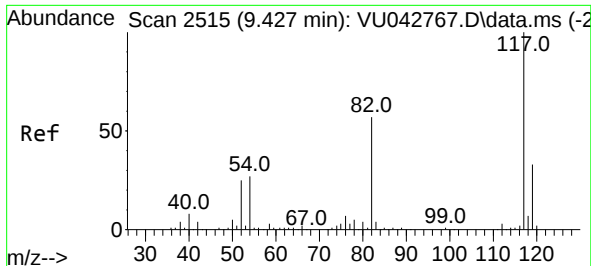
Tgt Ion: 43 Resp: 1363
Ion Ratio Lower Upper
43 100
58 34.5 23.8 71.2



#62
4-Bromofluorobenzene
Concen: 46.65 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042945.D
Acq: 06 Apr 2021 11:36

Tgt Ion: 95 Resp: 98720
Ion Ratio Lower Upper
95 100
174 86.1 0.0 175.2
176 83.8 0.0 167.4

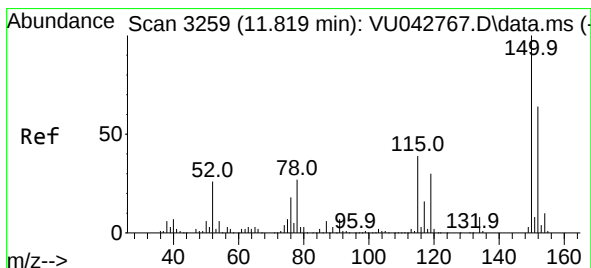
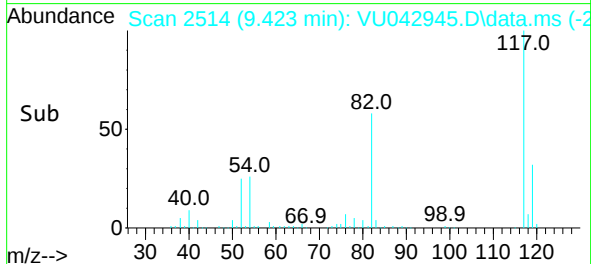
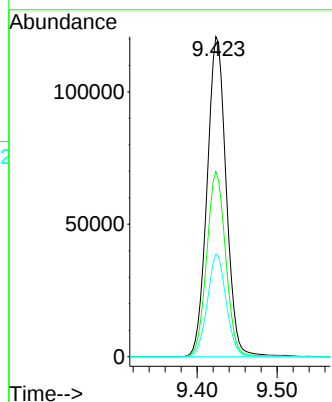
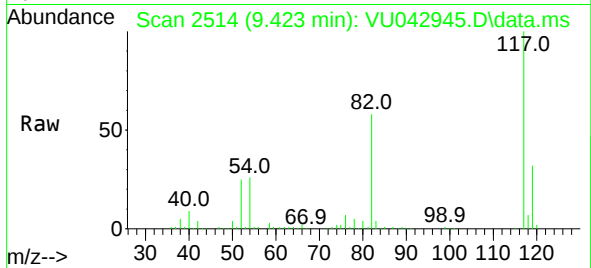




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042945.D
Acq: 06 Apr 2021 11:36

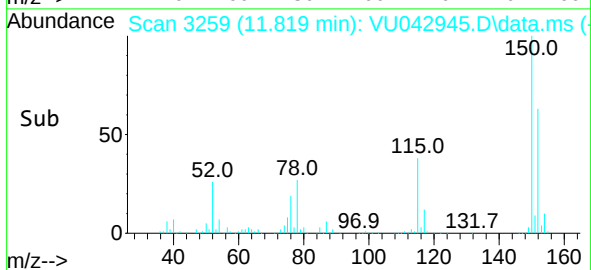
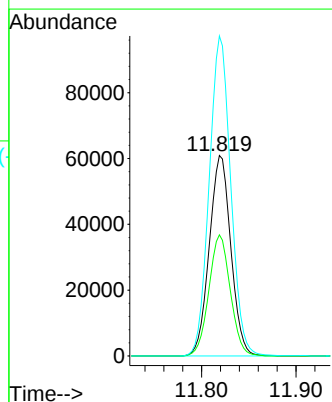
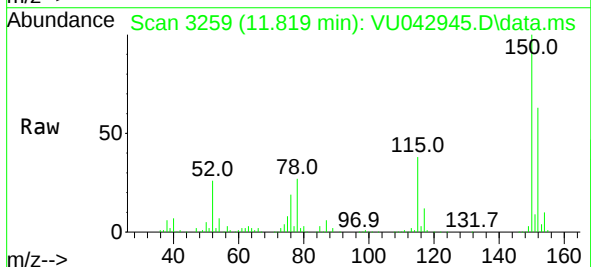
Instrument :
MSVOA_U
ClientSampleId :

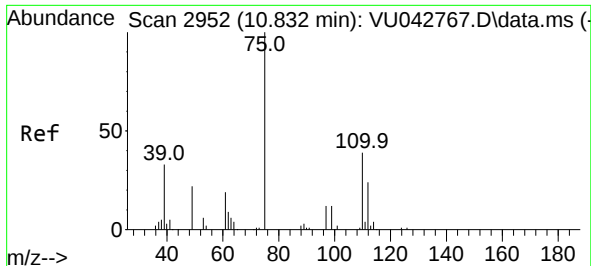
Tgt Ion:117 Resp: 200475
Ion Ratio Lower Upper
117 100
82 57.9 45.5 68.3
119 32.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042945.D
Acq: 06 Apr 2021 11:36

Tgt Ion:152 Resp: 96655
Ion Ratio Lower Upper
152 100
115 59.9 41.0 123.0
150 159.0 0.0 341.0

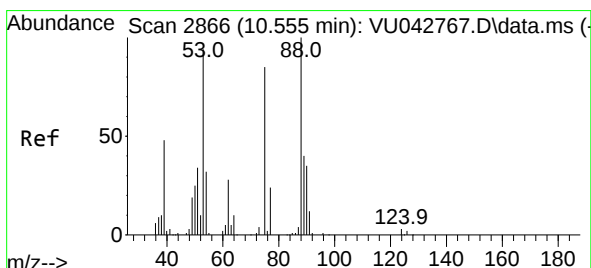
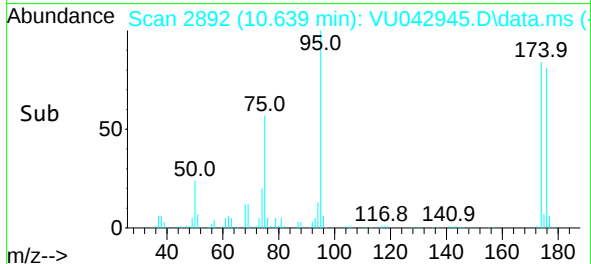
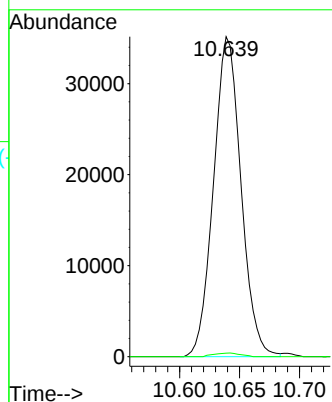
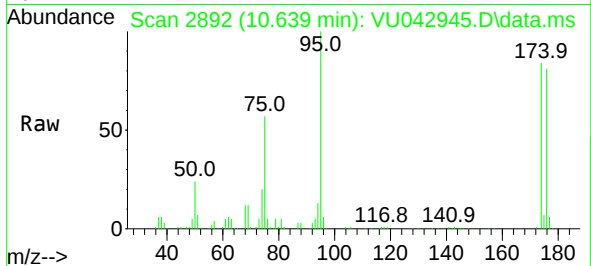




#76
1,2,3-Trichloropropane
Concen: 22.77 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042945.D
Acq: 06 Apr 2021 11:36

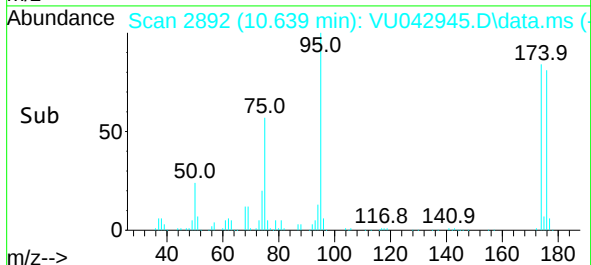
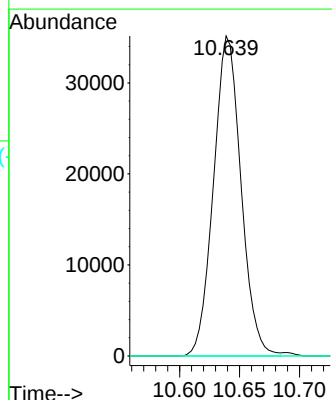
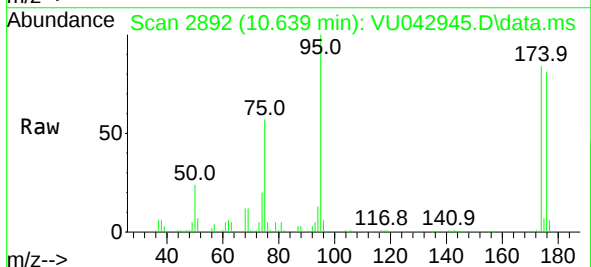
Instrument :
MSVOA_U
ClientSampleId :

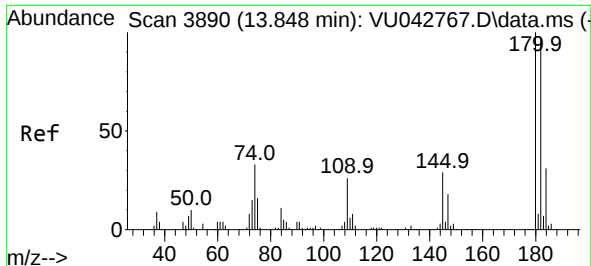
Tgt Ion: 75 Resp: 55975
Ion Ratio Lower Upper
75 100
77 1.1 19.6 58.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.47 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU042945.D
Acq: 06 Apr 2021 11:36

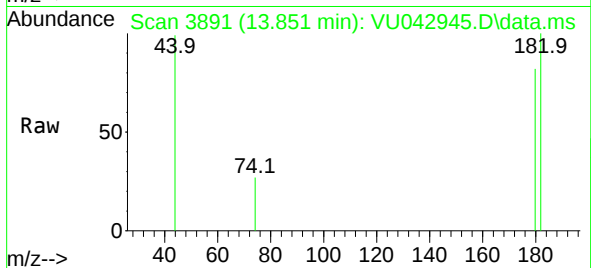
Tgt Ion: 75 Resp: 55975
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#



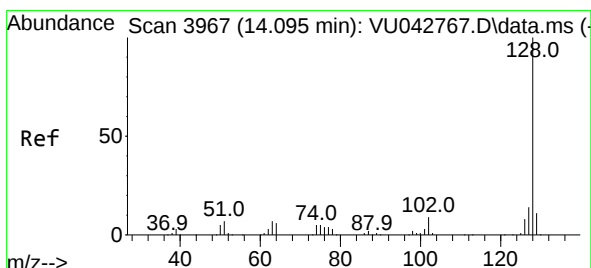
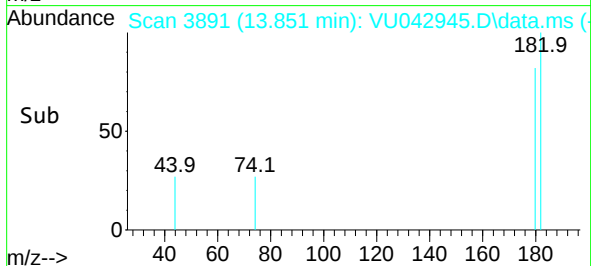
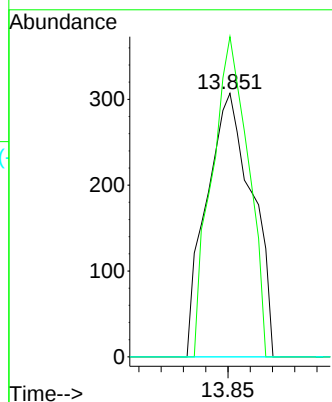


#93
1,2,4-Trichlorobenzene
Concen: 0.22 ug/l
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU042945.D
Acq: 06 Apr 2021 11:36

Instrument :
MSVOA_U
ClientSampleId :

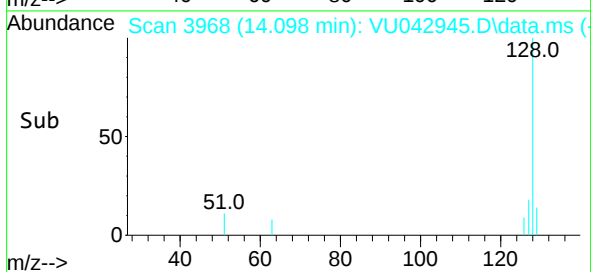
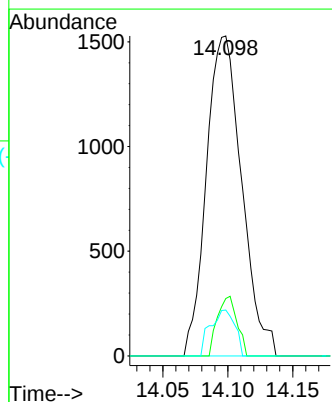
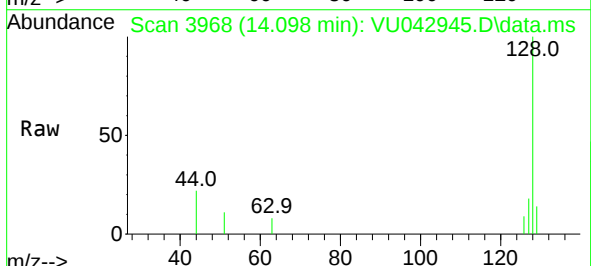


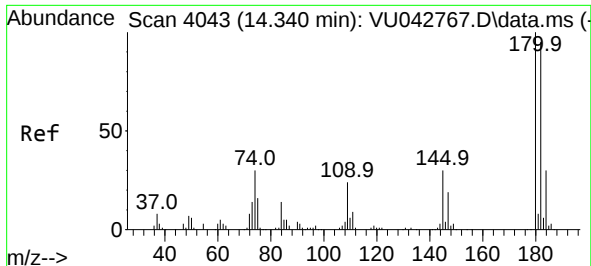
Tgt Ion:180 Resp: 437
Ion Ratio Lower Upper
180 100
182 96.6 48.0 144.0
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 2.99 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042945.D
Acq: 06 Apr 2021 11:36

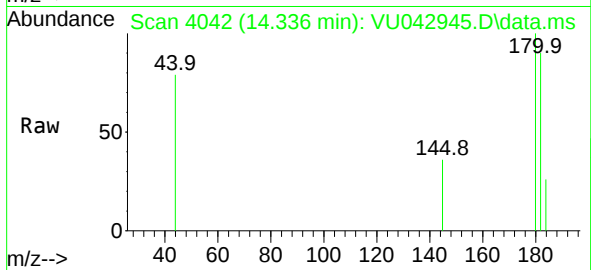
Tgt Ion:128 Resp: 2888
Ion Ratio Lower Upper
128 100
127 10.3 10.9 16.3#
129 9.9 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.30 ug/l
 RT: 14.336 min Scan# 4042
 Delta R.T. -0.003 min
 Lab File: VU042945.D
 Acq: 06 Apr 2021 11:36

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	598
Ion	Ratio	Lower	Upper
180	100		
182	92.6	47.5	142.6
145	24.4	15.0	45.0

