

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043367.D
 Acq On : 28 Apr 2021 00:50
 Operator : SY/MD
 Sample : M2133-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

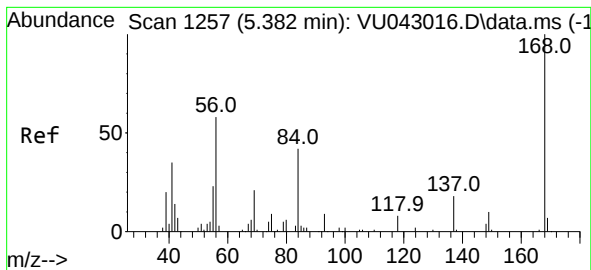
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW124-20210420

Quant Time: Apr 28 09:14:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	105247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	175957	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	168163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	78191	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	94093	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
35) Dibromofluoromethane	5.298	113	65644	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
50) Toluene-d8	7.906	98	219606	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
62) 4-Bromofluorobenzene	10.639	95	76559	40.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.72%	
Target Compounds						
						Qvalue
3) Chloromethane	1.523	50	432	Below Cal		94
13) Acrolein	2.497	56	77	10.68 ug/l	#	14
16) Acetone	2.636	43	3731	3.28 ug/l		98
31) Cyclohexane	5.378	56	2711	1.24 ug/l	#	25
36) 1,1-Dichloropropene	5.382	75	9114	4.88 ug/l	#	49
38) Carbon Tetrachloride	5.382	117	10879	5.44 ug/l	#	17
51) 4-Methyl-2-Pentanone	7.906	43	1335	0.40 ug/l	#	1
76) 1,2,3-Trichloropropane	10.639	75	44186	19.34 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	10.639	75	44186	56.82 ug/l	#	7
95) Naphthalene	14.108	128	39	2.75 ug/l	#	69

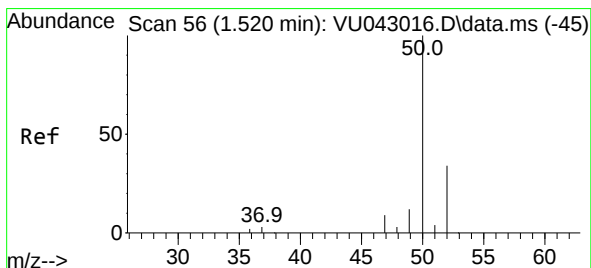
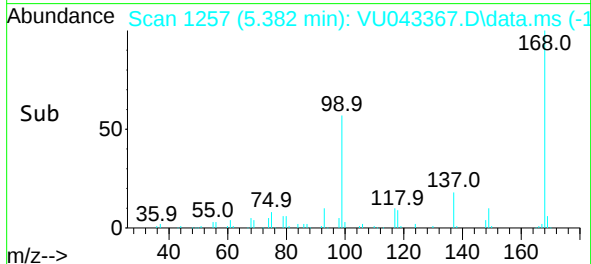
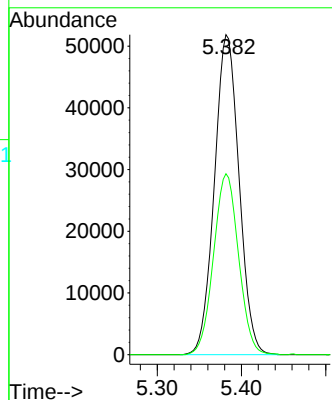
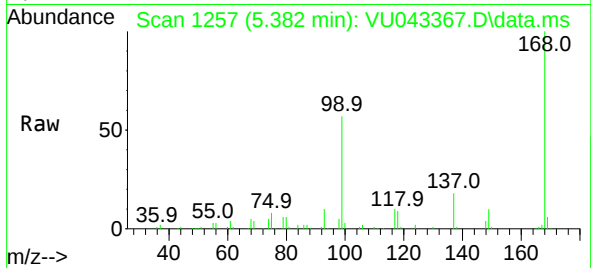
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043367.D
Acq: 28 Apr 2021 00:50

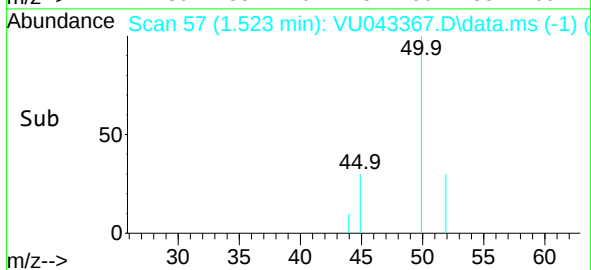
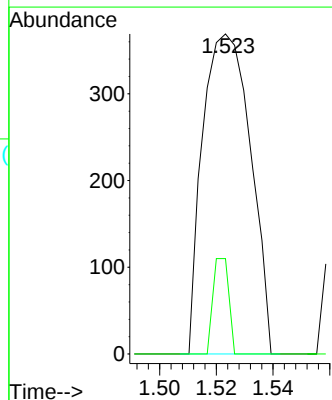
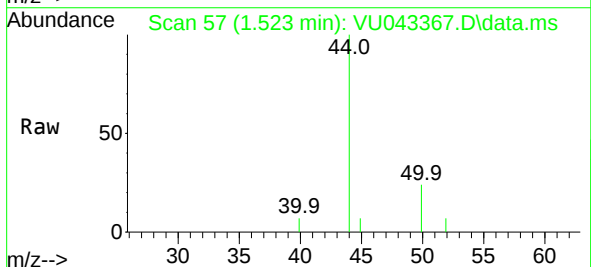
Instrument :
MSVOA_U
ClientSampleId :
SA-SW124-20210420

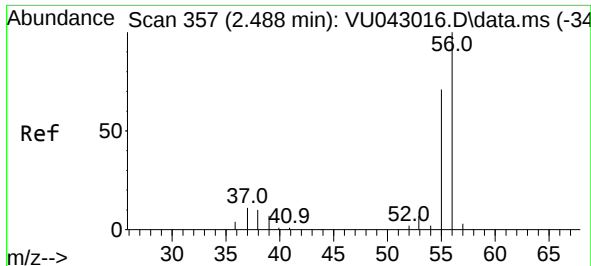
Tgt Ion:168 Resp: 105247
Ion Ratio Lower Upper
168 100
99 56.6 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043367.D
Acq: 28 Apr 2021 00:50

Tgt Ion: 50 Resp: 432
Ion Ratio Lower Upper
50 100
52 29.8 26.6 40.0

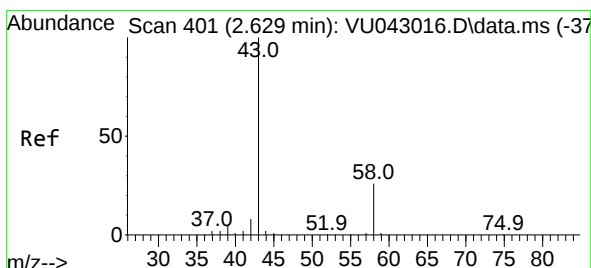
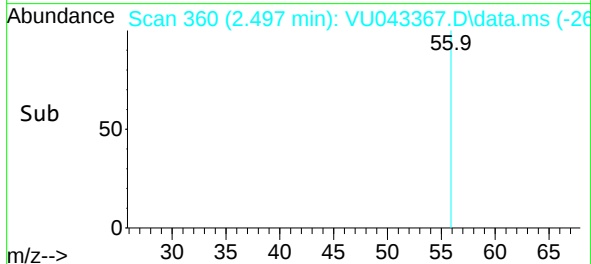
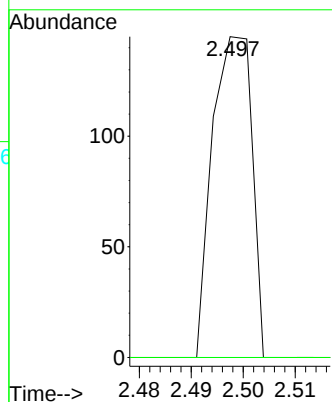
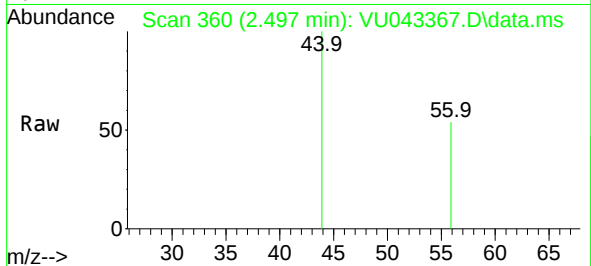




#13
Acrolein
Concen: 10.68 ug/l
RT: 2.497 min Scan# 360
Delta R.T. 0.009 min
Lab File: VU043367.D
Acq: 28 Apr 2021 00:50

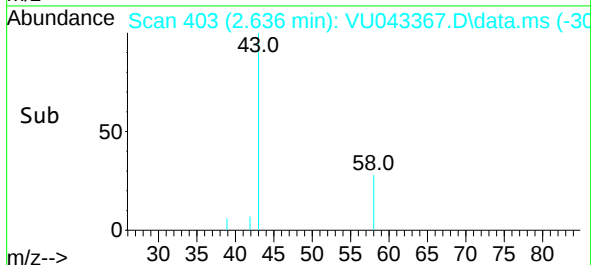
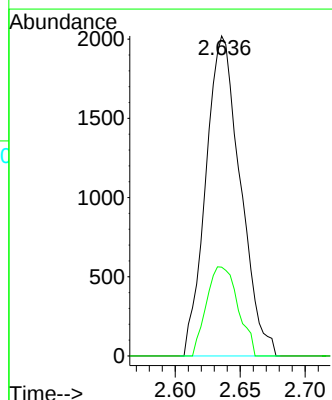
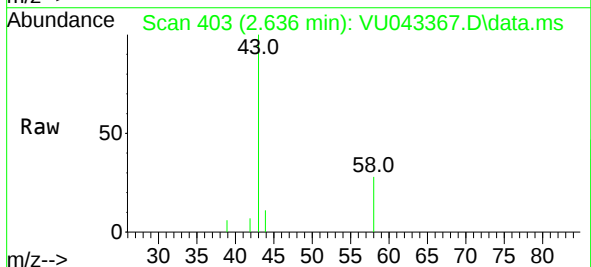
Instrument :
MSVOA_U
ClientSampleId :
SA-SW124-20210420

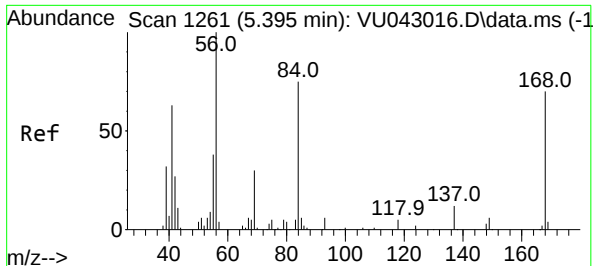
Tgt Ion: 56 Resp: 77
Ion Ratio Lower Upper
56 100
55 0.0 57.3 85.9#



#16
Acetone
Concen: 3.28 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.007 min
Lab File: VU043367.D
Acq: 28 Apr 2021 00:50

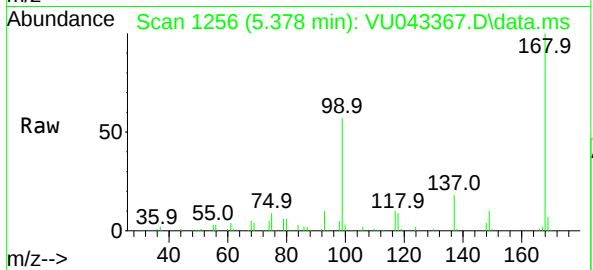
Tgt Ion: 43 Resp: 3731
Ion Ratio Lower Upper
43 100
58 27.7 21.5 32.3



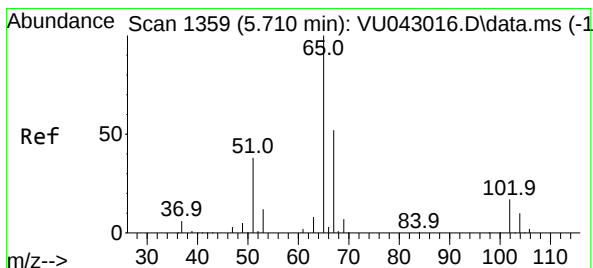
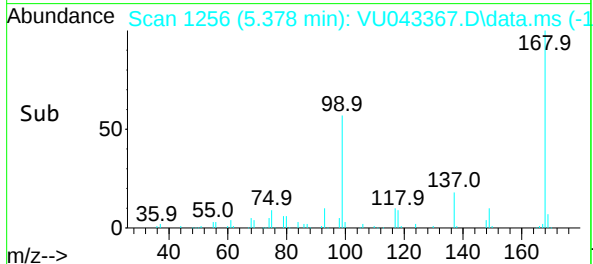
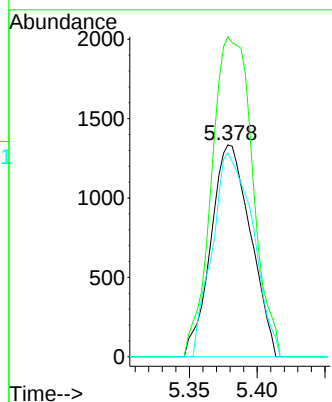


#31
Cyclohexane
Concen: 1.24 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.017 min
Lab File: VU043367.D
Acq: 28 Apr 2021 00:50

Instrument :
MSVOA_U
ClientSampleId :
SA-SW124-20210420

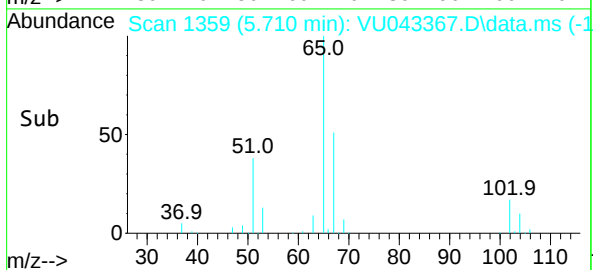
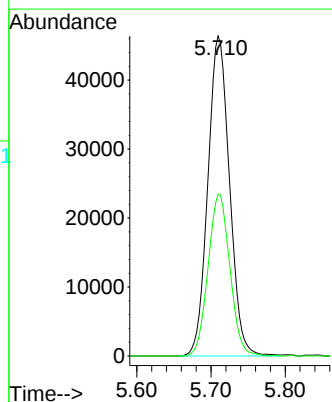
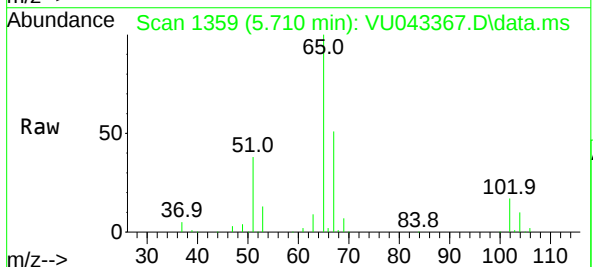


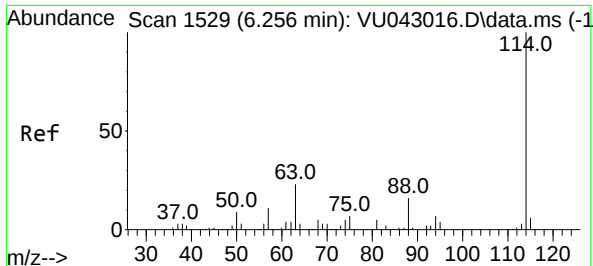
Tgt Ion: 56 Resp: 2711
Ion Ratio Lower Upper
56 100
69 151.0 24.9 37.3#
84 96.2 63.7 95.5#



#33
1,2-Dichloroethane-d4
Concen: 53.18 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043367.D
Acq: 28 Apr 2021 00:50

Tgt Ion: 65 Resp: 94093
Ion Ratio Lower Upper
65 100
67 50.8 0.0 99.8

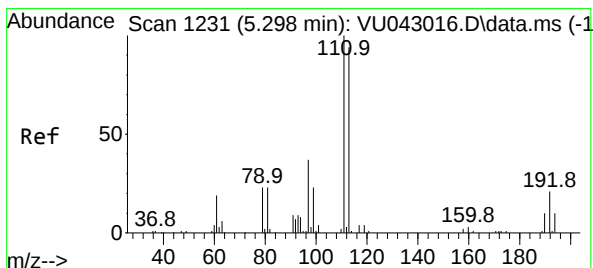
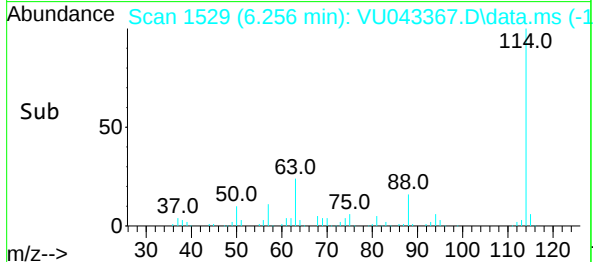
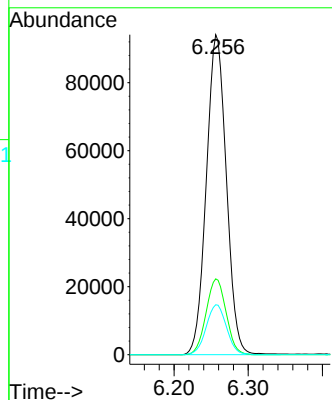
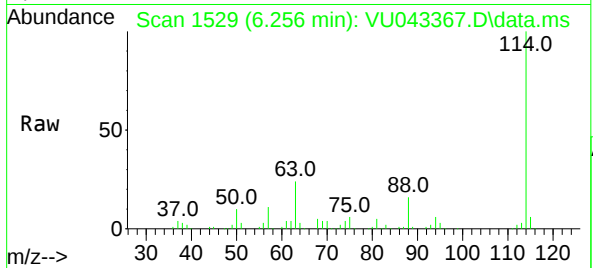




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043367.D
Acq: 28 Apr 2021 00:50

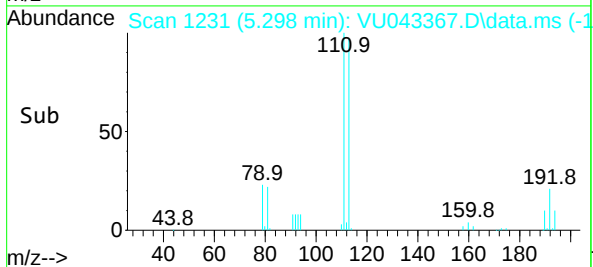
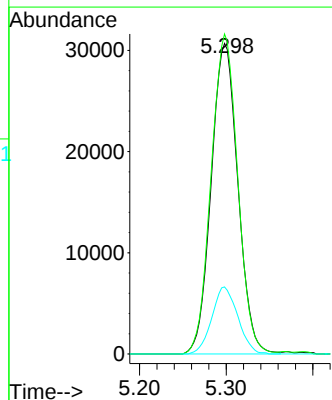
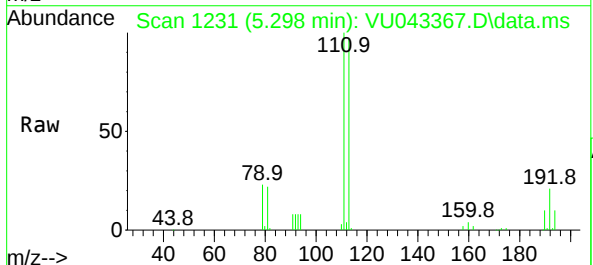
Instrument :
MSVOA_U
ClientSampleId :
SA-SW124-20210420

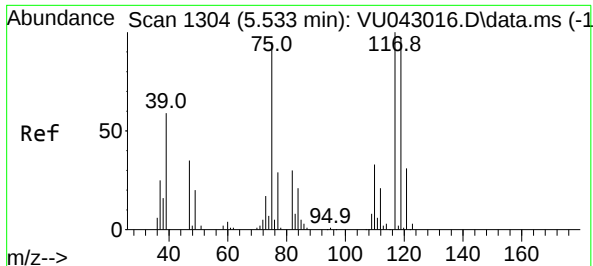
Tgt Ion:	114	Resp:	175957
Ion Ratio	Lower	Upper	
114	100		
63	23.7	0.0	44.2
88	15.6	0.0	33.4



#35
Dibromofluoromethane
Concen: 49.65 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU043367.D
Acq: 28 Apr 2021 00:50

Tgt Ion:	113	Resp:	65644
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.8	122.8
192	21.0	17.2	25.8



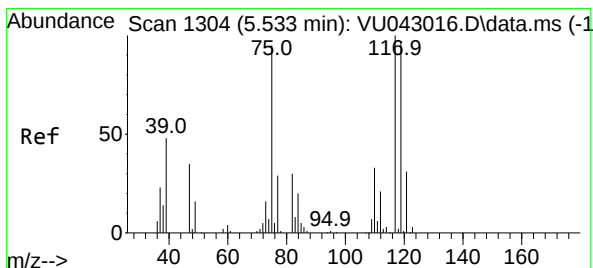
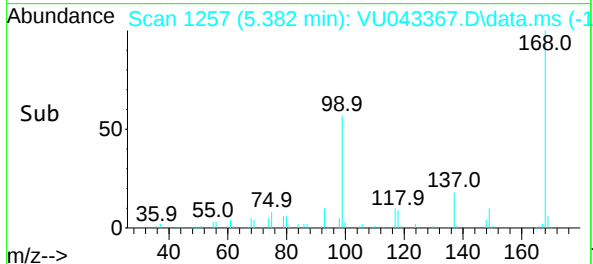
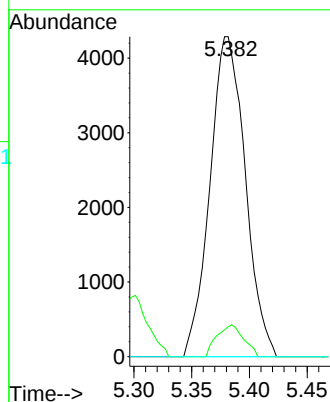
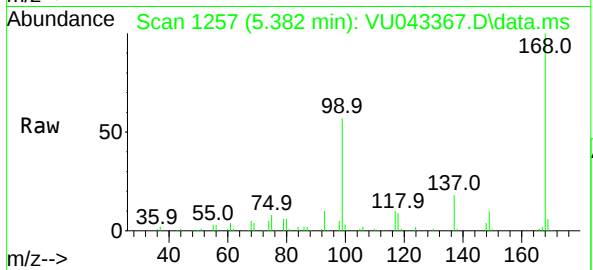


#36

1,1-Dichloropropene
Concen: 4.88 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043367.D
Acq: 28 Apr 2021 00:50

Instrument :
MSVOA_U
ClientSampleId :
SA-SW124-20210420

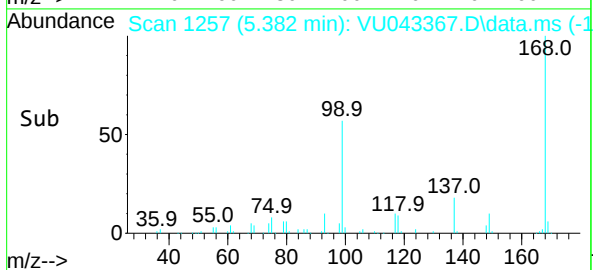
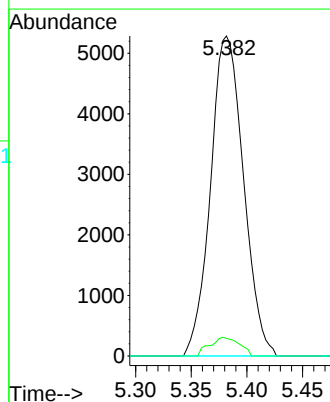
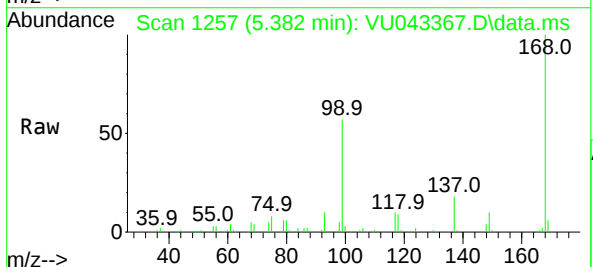
Tgt Ion: 75 Resp: 9114
Ion Ratio Lower Upper
75 100
110 7.5 16.8 50.3#
77 0.0 24.8 37.2#

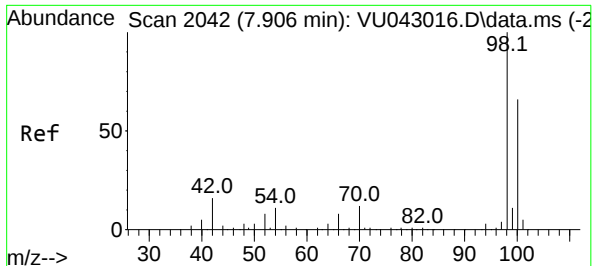


#38

Carbon Tetrachloride
Concen: 5.44 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043367.D
Acq: 28 Apr 2021 00:50

Tgt Ion: 117 Resp: 10879
Ion Ratio Lower Upper
117 100
119 5.4 75.5 113.3#
121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 46.94 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU043367.D

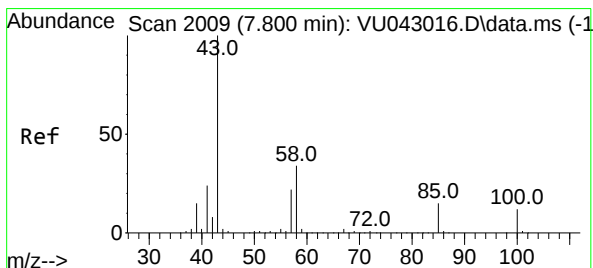
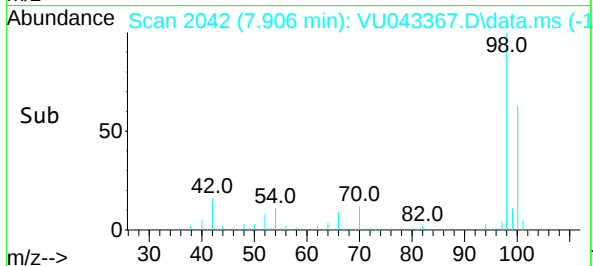
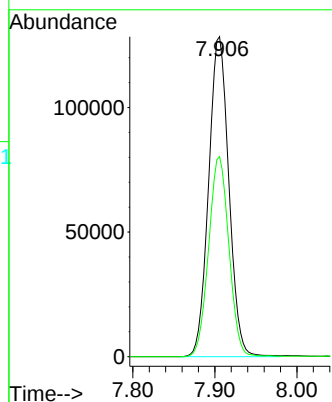
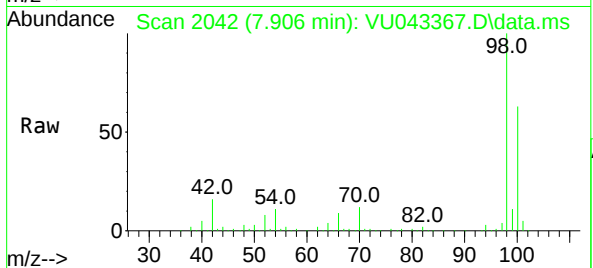
Acq: 28 Apr 2021 00:50

Tgt Ion: 98 Resp: 219606

Ion Ratio Lower Upper

98 100

100 62.6 50.2 75.2



#51

4-Methyl-2-Pentanone

Concen: 0.40 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. 0.106 min

Lab File: VU043367.D

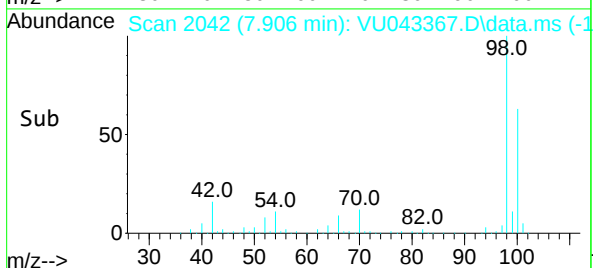
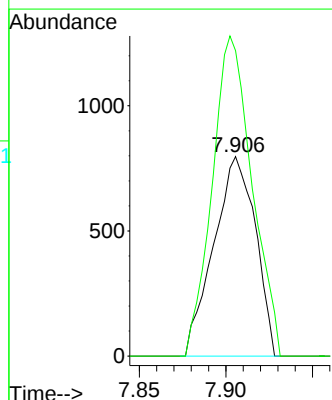
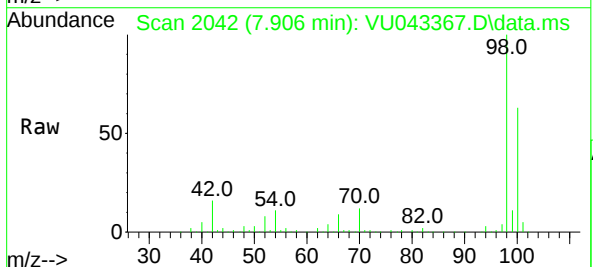
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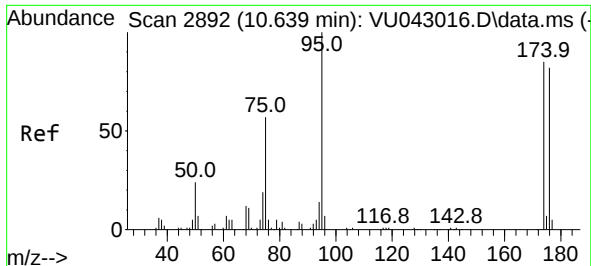
Tgt Ion: 43 Resp: 1335

Ion Ratio Lower Upper

43 100

58 153.3 28.1 42.1#

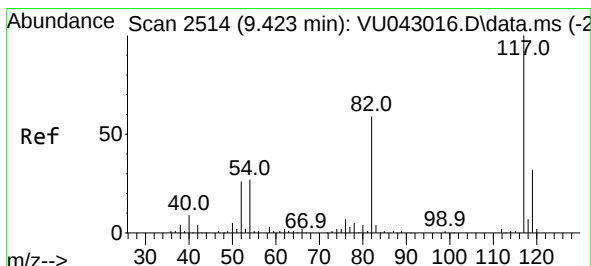
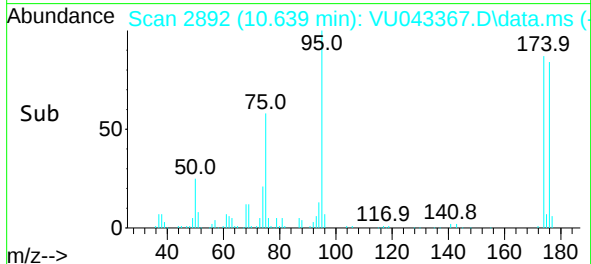
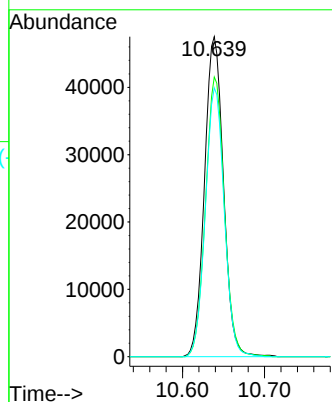
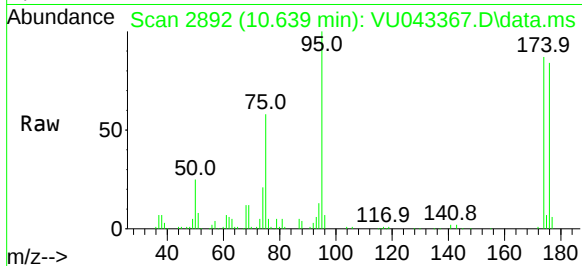




#62
4-Bromofluorobenzene
Concen: 40.86 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043367.D
Acq: 28 Apr 2021 00:50

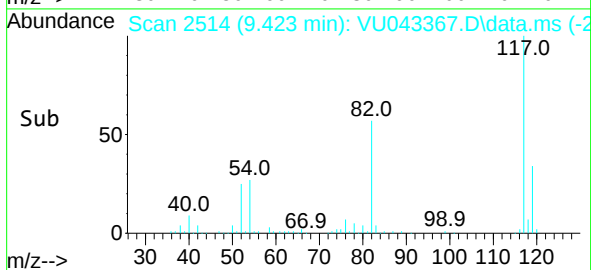
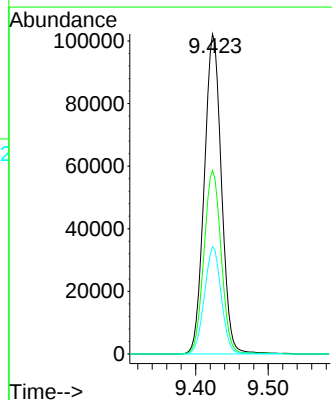
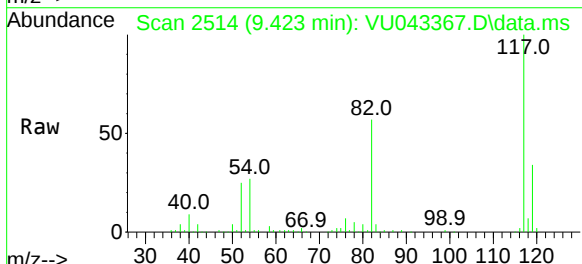
Instrument :
MSVOA_U
ClientSampleId :
SA-SW124-20210420

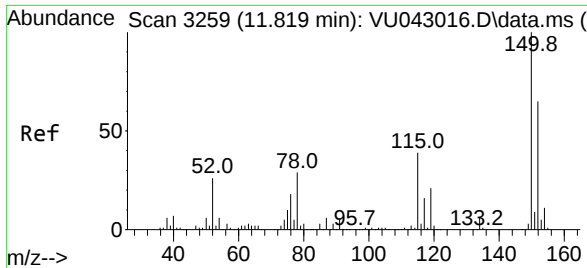
Tgt Ion:	95	Resp:	76559
Ion	Ratio	Lower	Upper
95	100		
174	86.9	0.0	172.2
176	83.4	0.0	168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043367.D
Acq: 28 Apr 2021 00:50

Tgt Ion:	117	Resp:	168163
Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.8	68.6
119	33.5	25.8	38.8

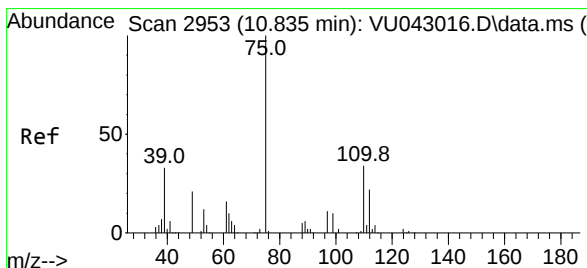
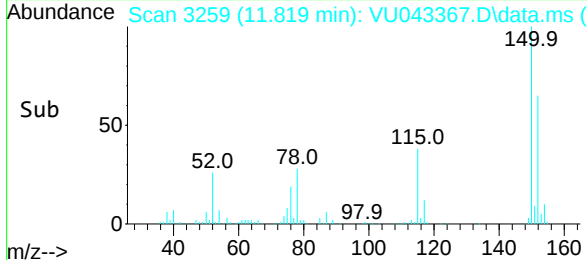
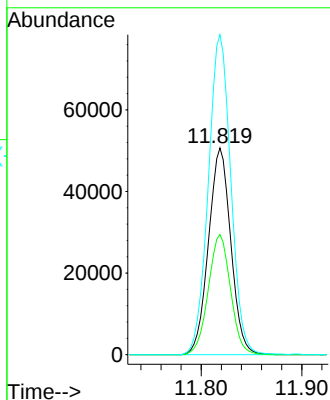
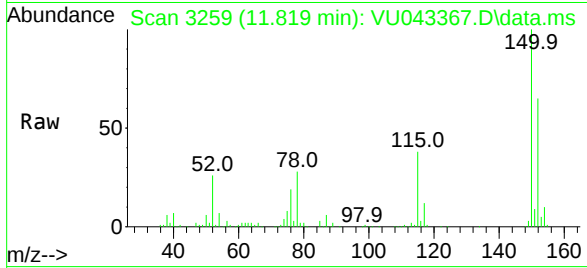




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043367.D
 Acq: 28 Apr 2021 00:50

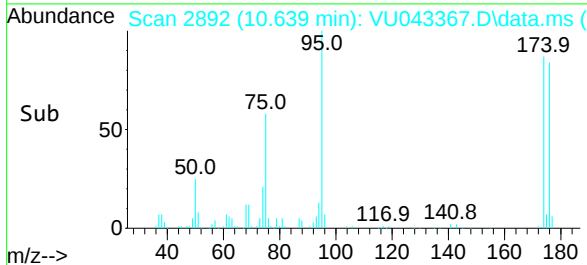
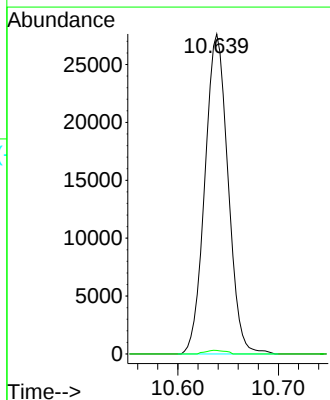
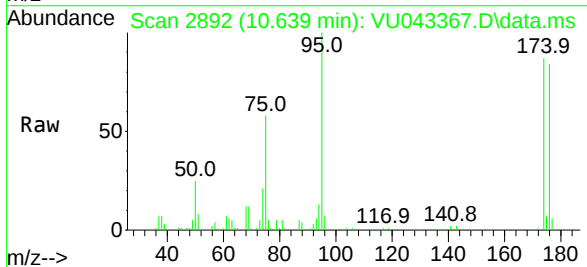
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW124-20210420

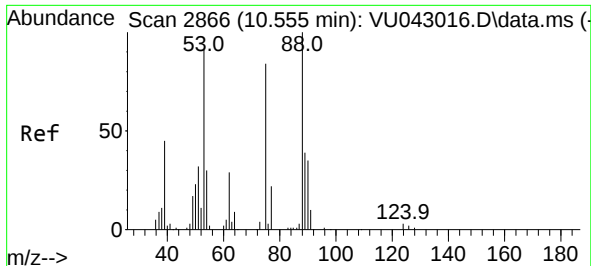
Tgt Ion:152 Resp: 78191
 Ion Ratio Lower Upper
 152 100
 115 57.7 41.5 124.6
 150 156.0 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 19.34 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043367.D
 Acq: 28 Apr 2021 00:50

Tgt Ion: 75 Resp: 44186
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.2 60.5#

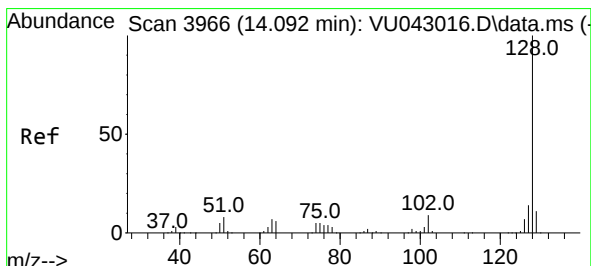
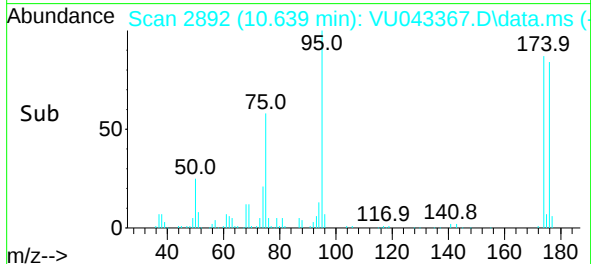
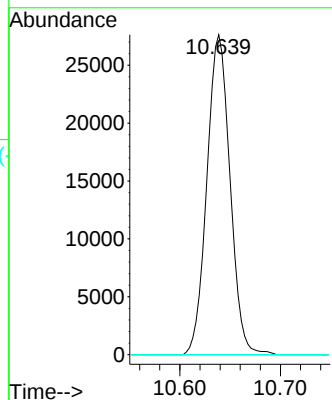
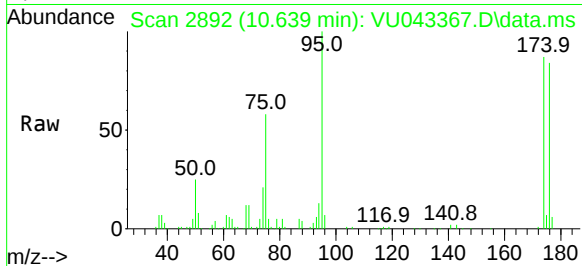




#81
trans-1,4-Dichloro-2-butene
Concen: 56.82 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043367.D
Acq: 28 Apr 2021 00:50

Instrument :
MSVOA_U
ClientSampleId :
SA-SW124-20210420

Tgt Ion: 75 Resp: 44186
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.75 ug/l
RT: 14.108 min Scan# 3971
Delta R.T. 0.016 min
Lab File: VU043367.D
Acq: 28 Apr 2021 00:50

Tgt Ion:128 Resp: 39
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

