

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043379.D
 Acq On : 28 Apr 2021 12:36
 Operator : SY/MD
 Sample : M2173-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 29 08:37:06 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)

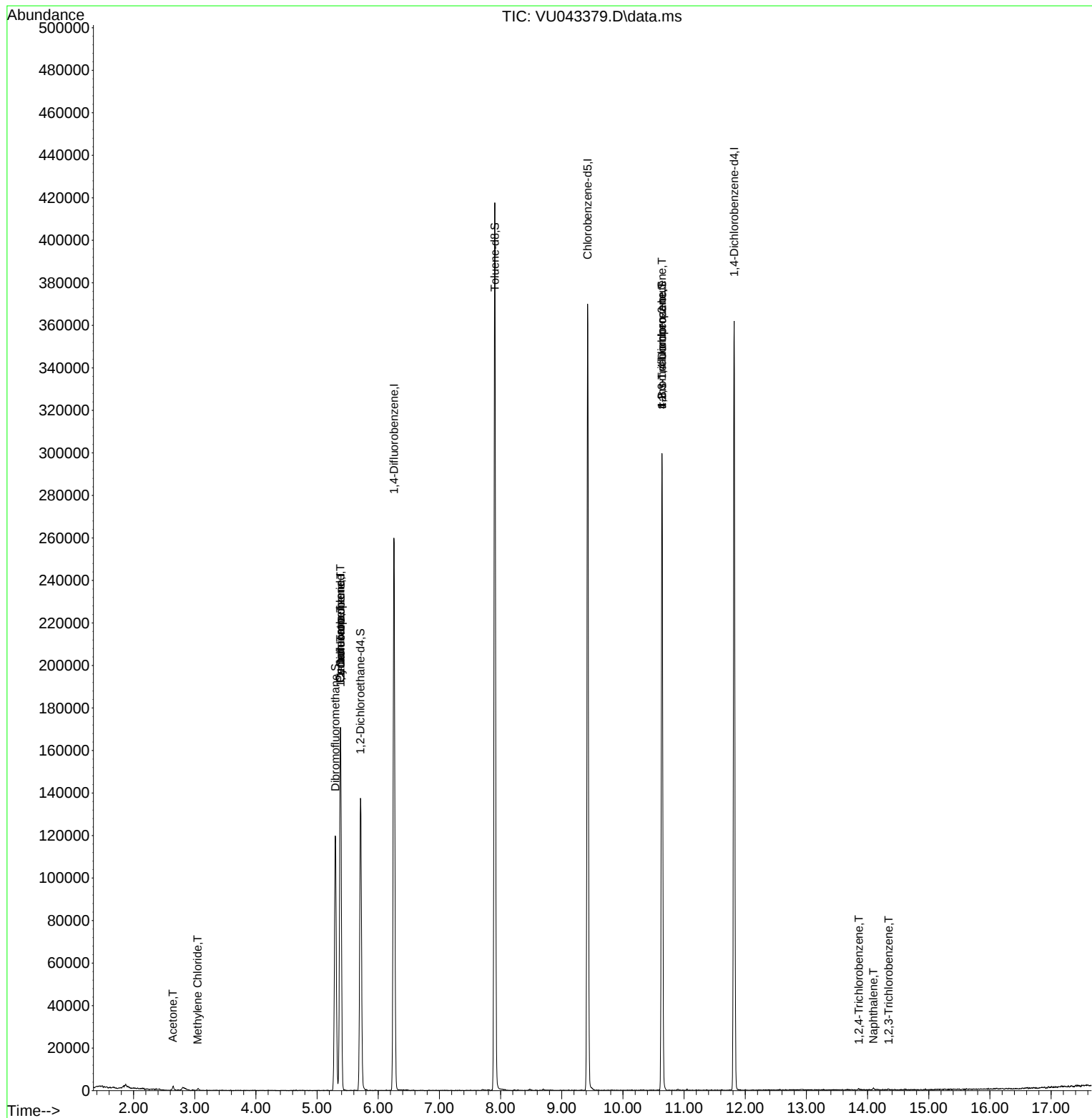
Internal Standards						
1) Pentafluorobenzene	5.382	168	113716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	192971	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	181838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	87694	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	107688	56.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.66%	
35) Dibromofluoromethane	5.298	113	75038	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
50) Toluene-d8	7.906	98	253139	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
62) 4-Bromofluorobenzene	10.639	95	89654	43.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.26%	
Target Compounds						Qvalue
3) Chloromethane	1.523	50	507	Below Cal	#	78
16) Acetone	2.642	43	2280	1.73	ug/l #	82
20) Methylene Chloride	3.047	84	408	0.30	ug/l #	65
31) Cyclohexane	5.382	56	3059	1.30	ug/l #	41
36) 1,1-Dichloropropene	5.385	75	9420	4.60	ug/l #	49
38) Carbon Tetrachloride	5.382	117	11966	5.45	ug/l #	16
76) 1,2,3-Trichloropropane	10.639	75	50842	19.84	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	50842	58.30	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.857	180	97	1.55	ug/l #	24
95) Naphthalene	14.095	128	1227	2.92	ug/l #	71
96) 1,2,3-Trichlorobenzene	14.343	180	197	1.56	ug/l #	82

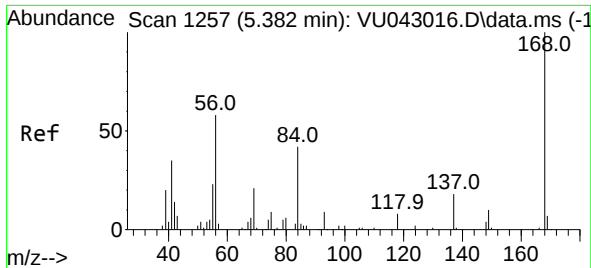
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 29 08:37:06 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

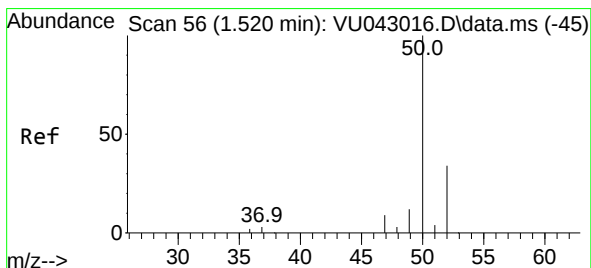
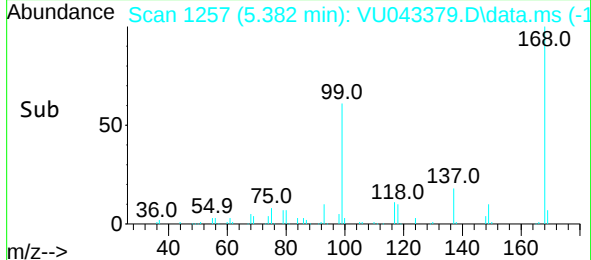
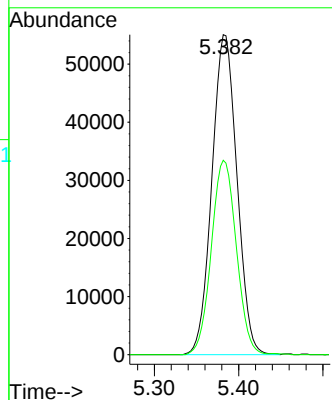
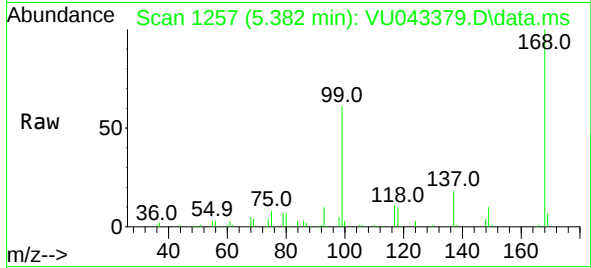




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043379.D
Acq: 28 Apr 2021 12:36

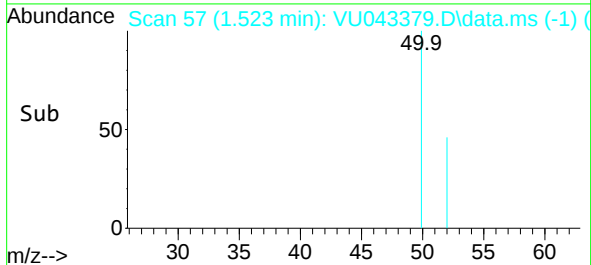
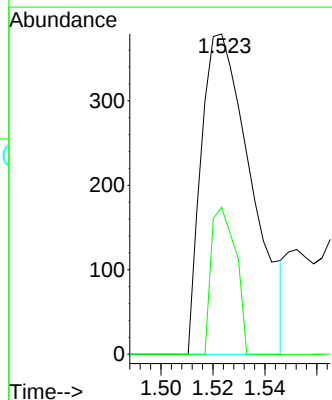
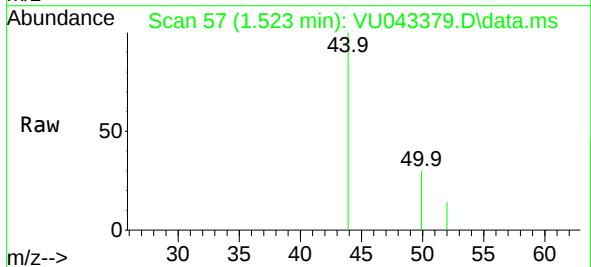
Instrument :
MSVOA_U
ClientSampleId :

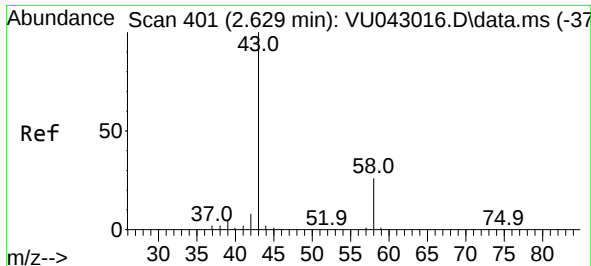
Tgt Ion:168 Resp: 113716
Ion Ratio Lower Upper
168 100
99 60.8 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043379.D
Acq: 28 Apr 2021 12:36

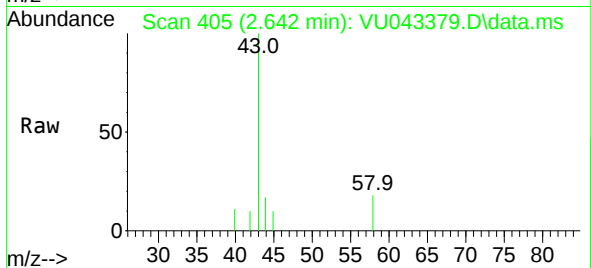
Tgt Ion: 50 Resp: 507
Ion Ratio Lower Upper
50 100
52 45.9 26.6 40.0#



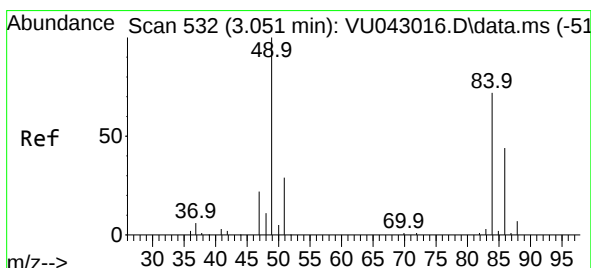
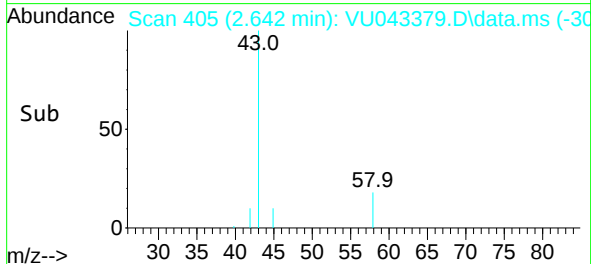
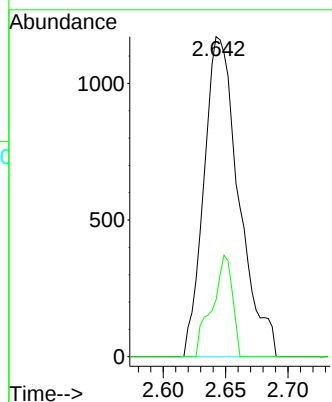


#16
Acetone
Concen: 1.73 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.013 min
Lab File: VU043379.D
Acq: 28 Apr 2021 12:36

Instrument :
MSVOA_U
ClientSampled :

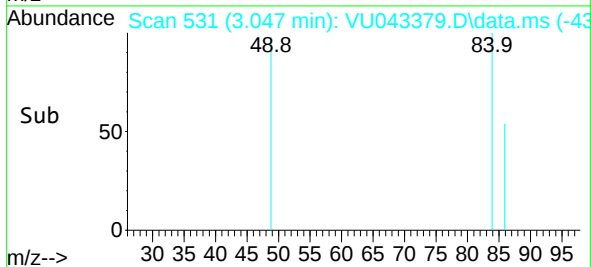
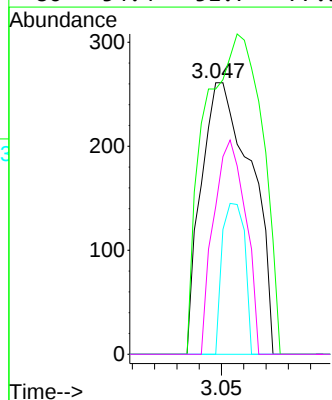
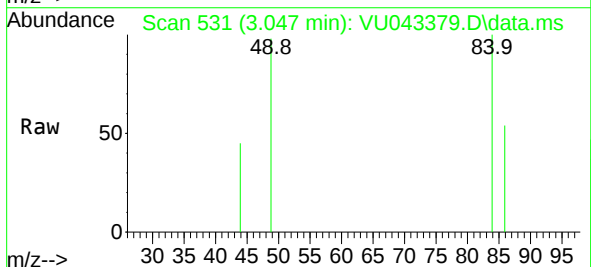


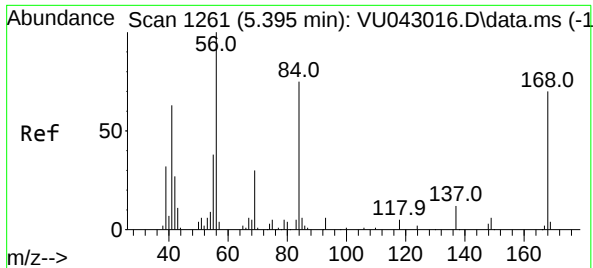
Tgt Ion: 43 Resp: 2280
Ion Ratio Lower Upper
43 100
58 17.8 21.5 32.3#



#20
Methylene Chloride
Concen: 0.30 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.004 min
Lab File: VU043379.D
Acq: 28 Apr 2021 12:36

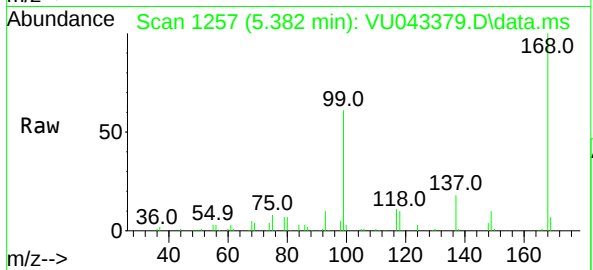
Tgt Ion: 84 Resp: 408
Ion Ratio Lower Upper
84 100
49 97.7 112.6 169.0#
51 0.0 33.7 50.5#
86 54.4 51.7 77.5



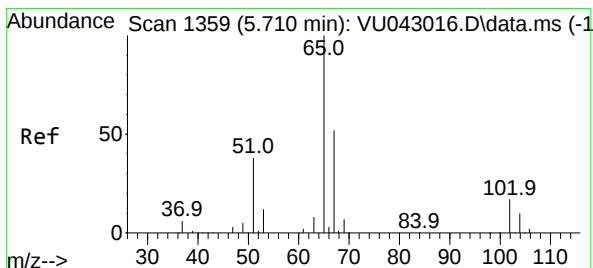
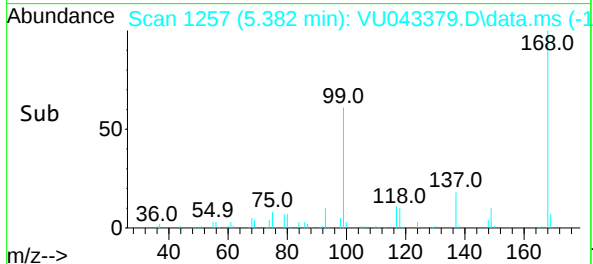
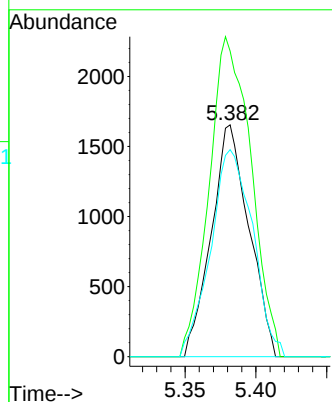


#31
Cyclohexane
Concen: 1.30 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043379.D
Acq: 28 Apr 2021 12:36

Instrument :
MSVOA_U
ClientSampleId :

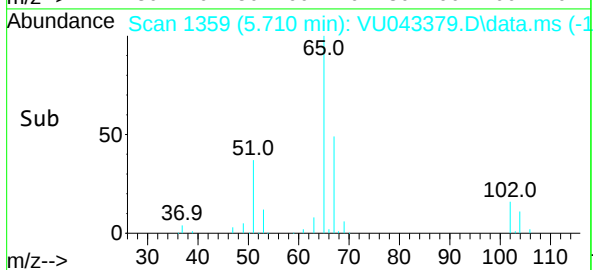
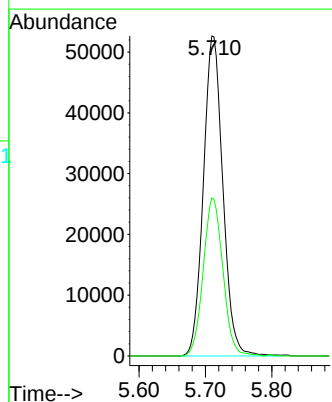
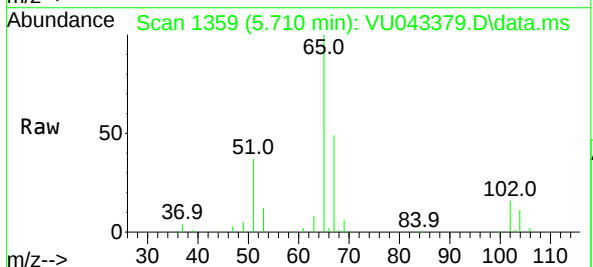


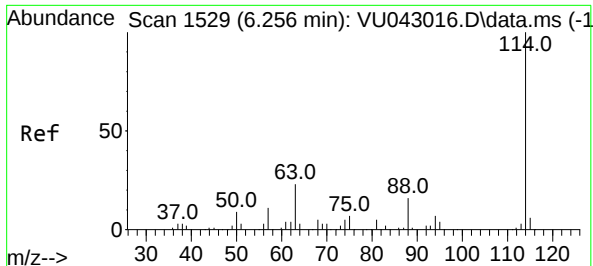
Tgt Ion: 56 Resp: 3059
Ion Ratio Lower Upper
56 100
69 131.8 24.9 37.3#
84 89.3 63.7 95.5



#33
1,2-Dichloroethane-d4
Concen: 56.33 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043379.D
Acq: 28 Apr 2021 12:36

Tgt Ion: 65 Resp: 107688
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.8

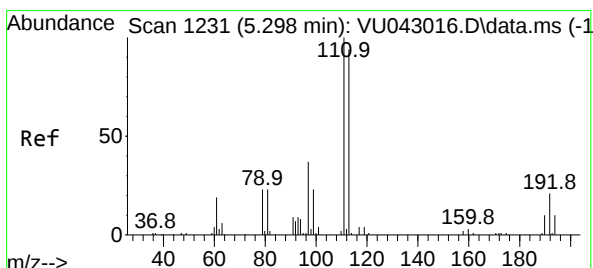
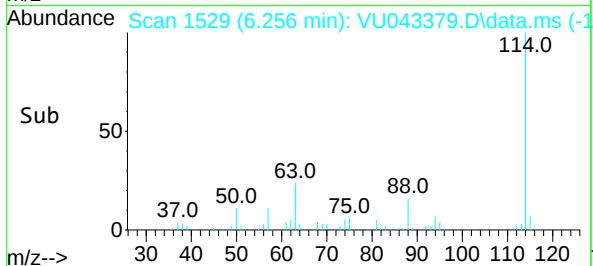
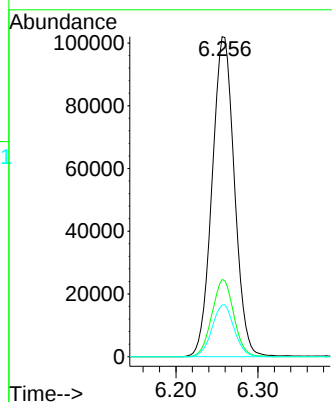
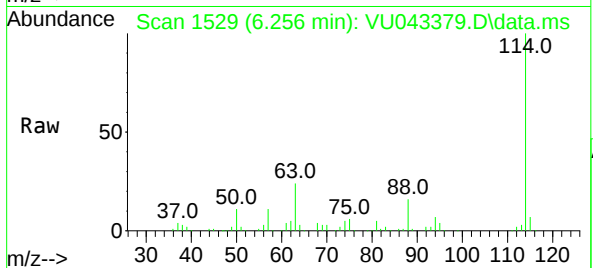




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043379.D
Acq: 28 Apr 2021 12:36

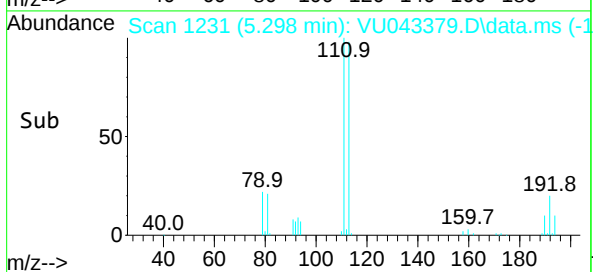
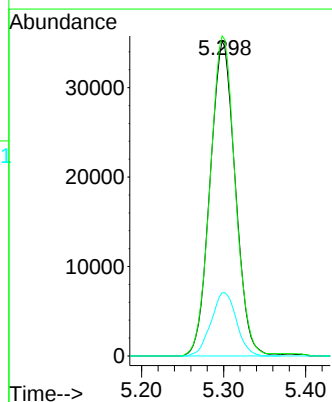
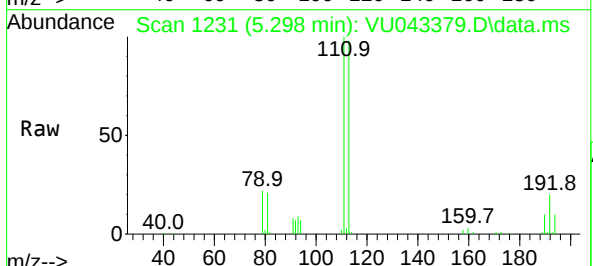
Instrument :
MSVOA_U
ClientSampled :

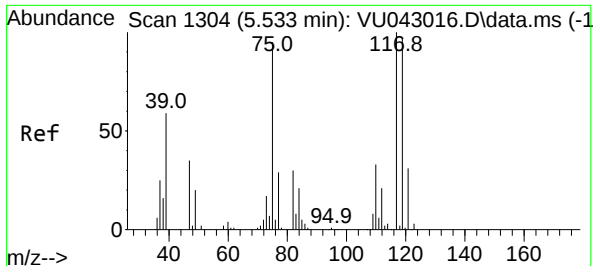
Tgt Ion:114 Resp: 192971
Ion Ratio Lower Upper
114 100
63 24.1 0.0 44.2
88 16.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 51.75 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043379.D
Acq: 28 Apr 2021 12:36

Tgt Ion:113 Resp: 75038
Ion Ratio Lower Upper
113 100
111 101.4 81.8 122.8
192 20.3 17.2 25.8





#36

1,1-Dichloropropene

Concen: 4.60 ug/l

RT: 5.385 min Scan# 1258

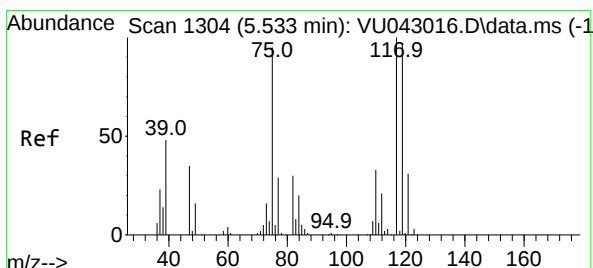
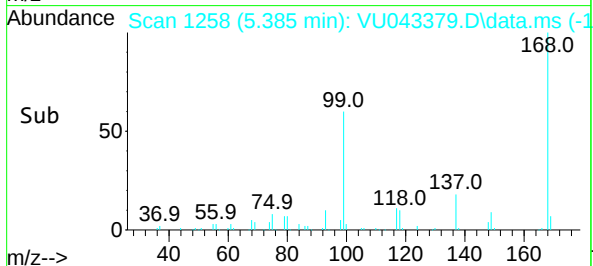
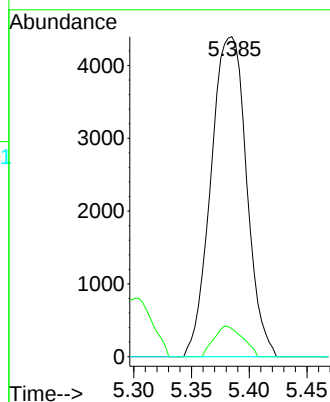
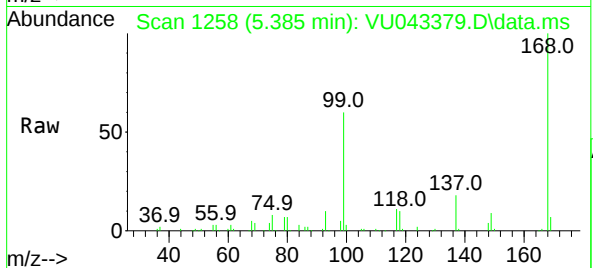
Delta R.T. -0.148 min

Lab File: VU043379.D

Acq: 28 Apr 2021 12:36

Tgt Ion:	75	Resp:	9420
Ion Ratio	Lower	Upper	
75	100		
110	7.7	16.8	50.3#
77	0.0	24.8	37.2#

Instrument :
MSVOA_U
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.45 ug/l

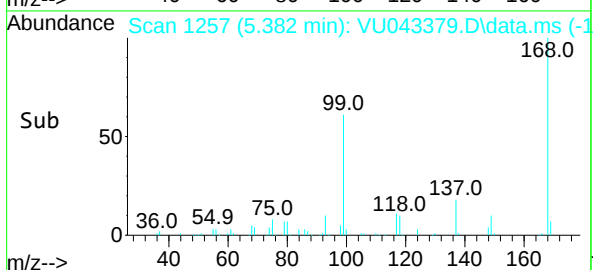
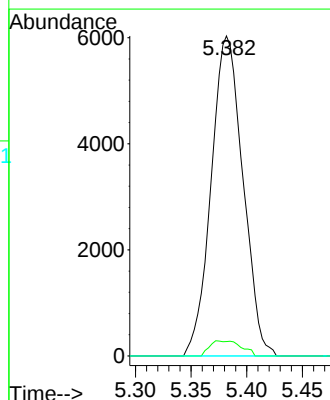
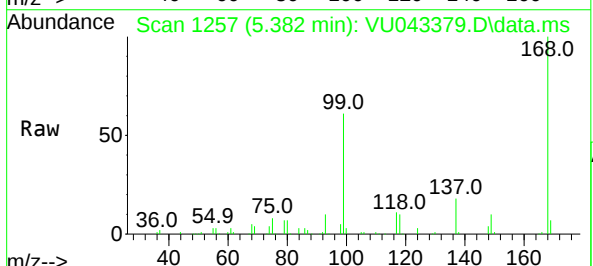
RT: 5.382 min Scan# 1257

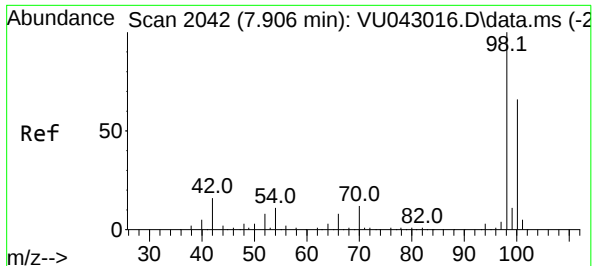
Delta R.T. -0.151 min

Lab File: VU043379.D

Acq: 28 Apr 2021 12:36

Tgt Ion:	117	Resp:	11966
Ion Ratio	Lower	Upper	
117	100		
119	4.5	75.5	113.3#
121	0.0	24.7	37.1#

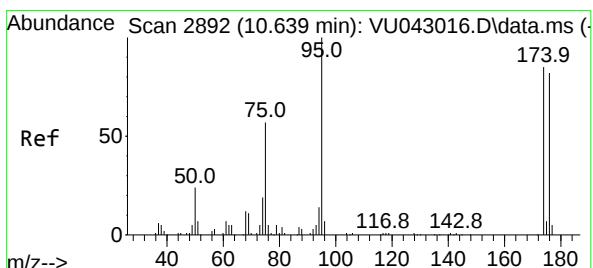
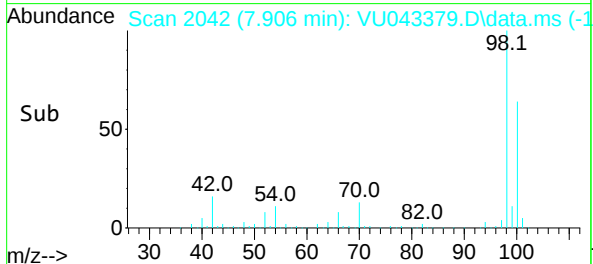
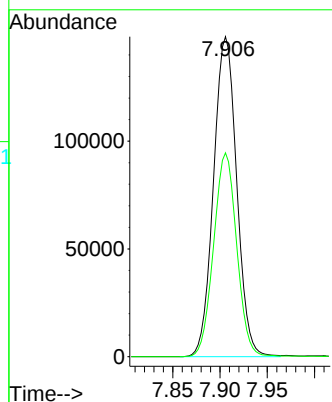
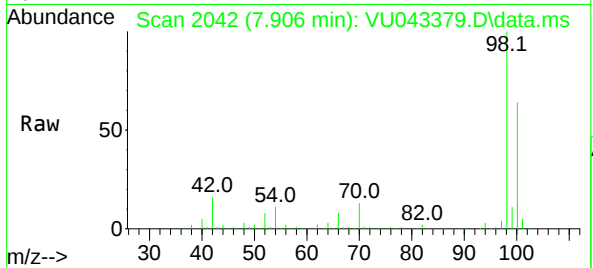




#50
Toluene-d8
Concen: 49.34 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043379.D
Acq: 28 Apr 2021 12:36

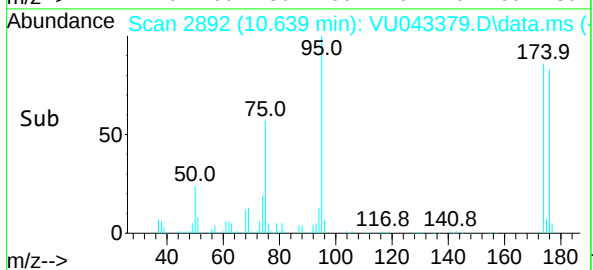
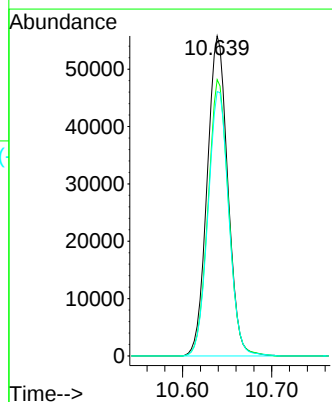
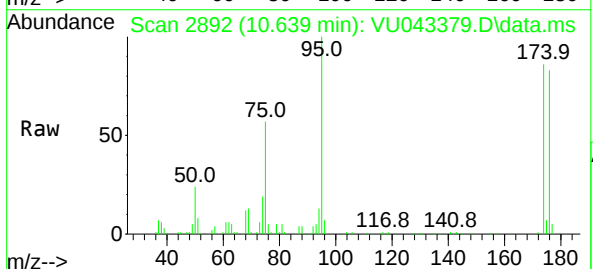
Instrument :
MSVOA_U
ClientSampled :

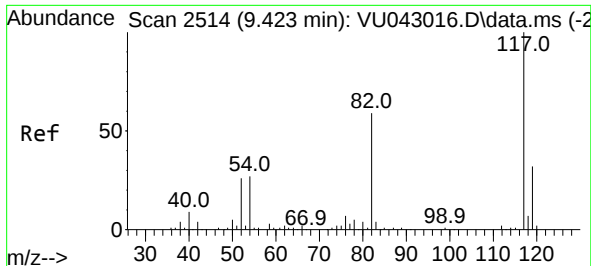
Tgt Ion: 98 Resp: 253139
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.63 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043379.D
Acq: 28 Apr 2021 12:36

Tgt Ion: 95 Resp: 89654
Ion Ratio Lower Upper
95 100
174 85.7 0.0 172.2
176 83.1 0.0 168.8

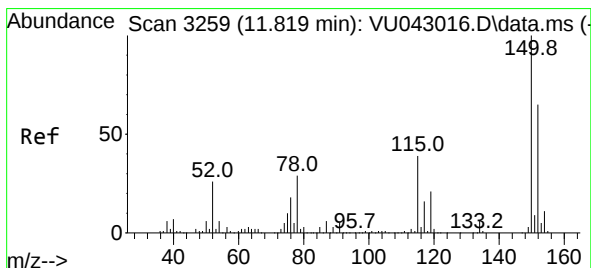
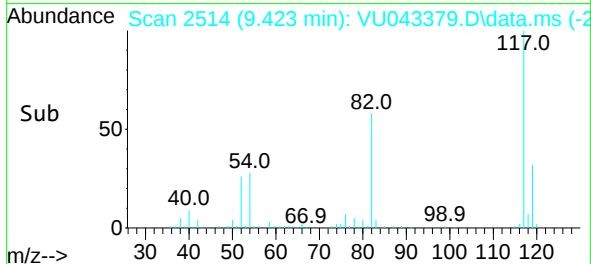
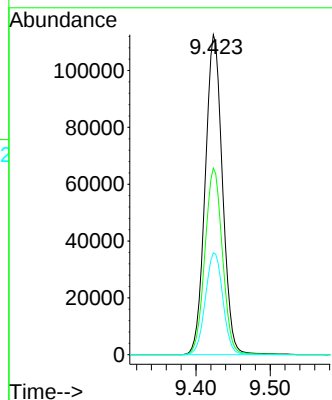
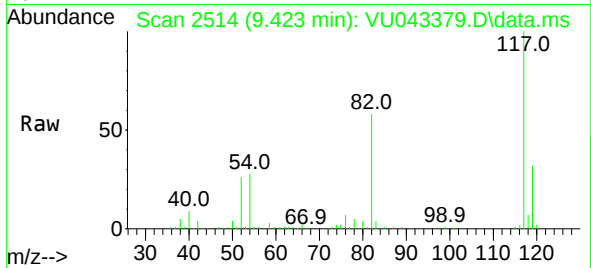




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043379.D
Acq: 28 Apr 2021 12:36

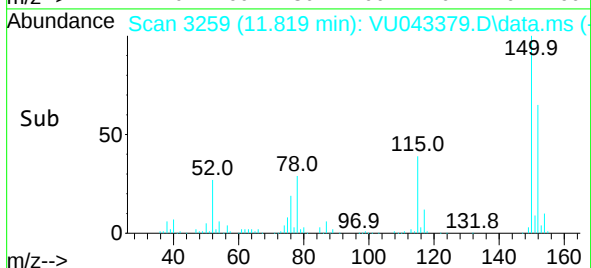
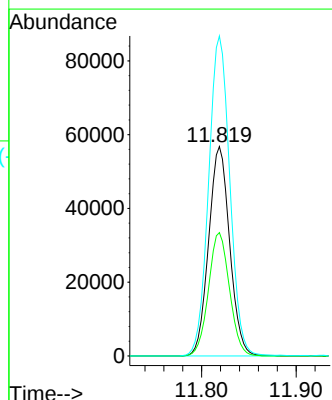
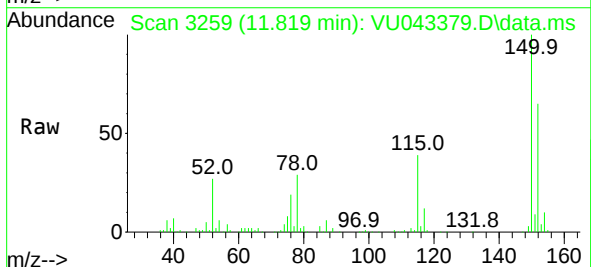
Instrument :
MSVOA_U
ClientSampled :

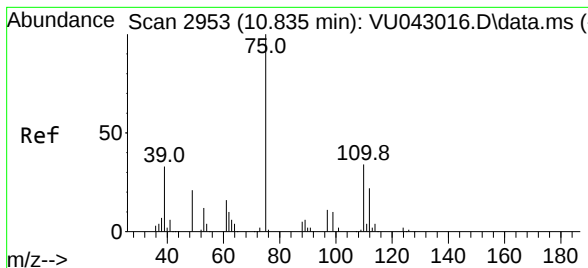
Tgt Ion:117 Resp: 181838
Ion Ratio Lower Upper
117 100
82 58.3 45.8 68.6
119 31.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043379.D
Acq: 28 Apr 2021 12:36

Tgt Ion:152 Resp: 87694
Ion Ratio Lower Upper
152 100
115 58.8 41.5 124.6
150 153.9 0.0 342.4

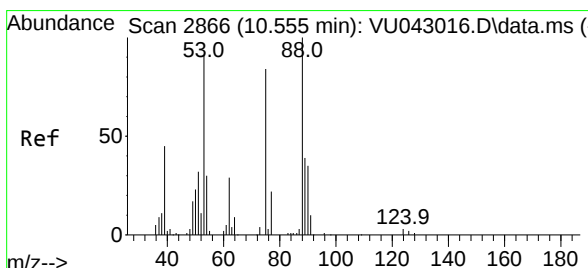
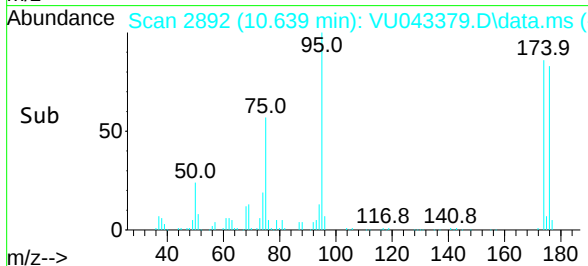
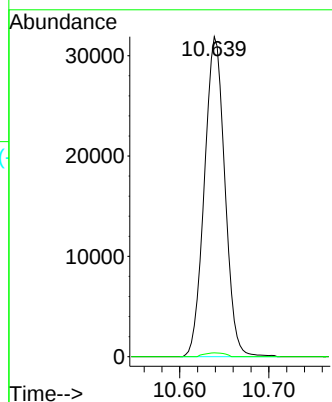
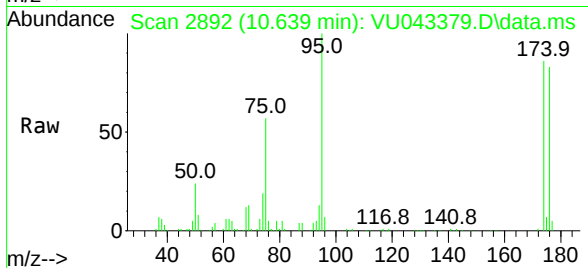




#76
1,2,3-Trichloropropane
Concen: 19.84 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043379.D
Acq: 28 Apr 2021 12:36

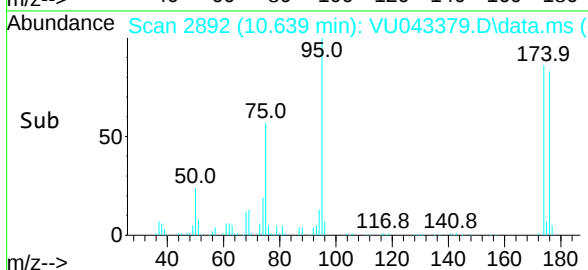
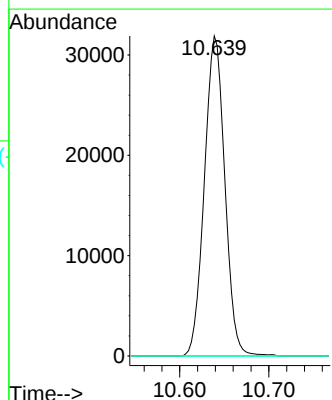
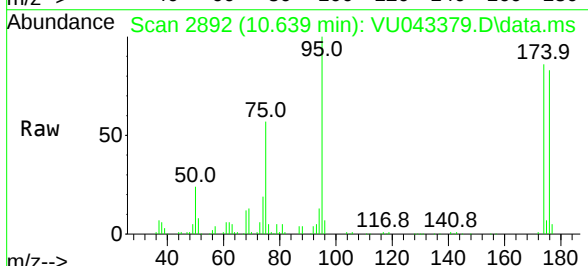
Instrument :
MSVOA_U
ClientSampleId :

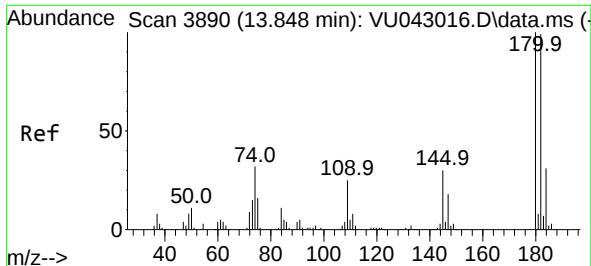
Tgt Ion: 75 Resp: 50842
Ion Ratio Lower Upper
75 100
77 1.2 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.30 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043379.D
Acq: 28 Apr 2021 12:36

Tgt Ion: 75 Resp: 50842
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#

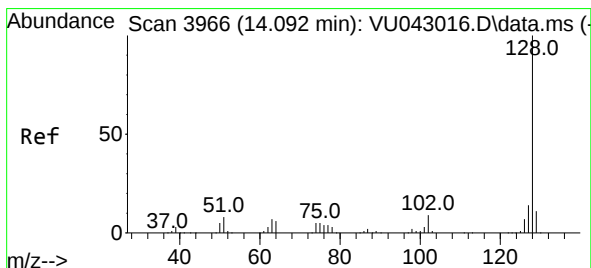
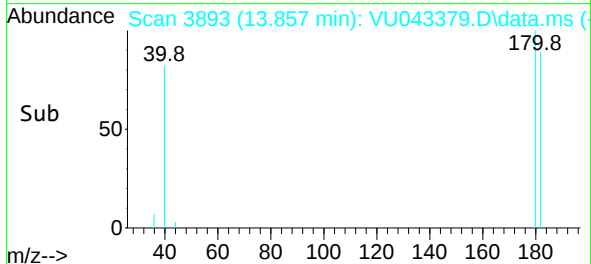
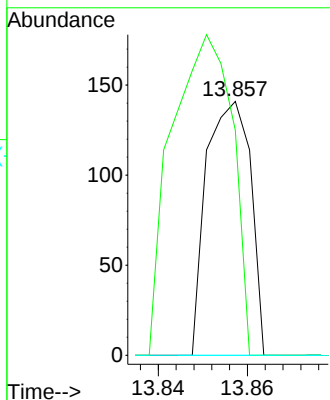
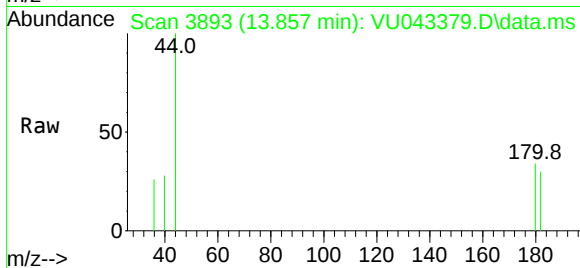




#93
1,2,4-Trichlorobenzene
Concen: 1.55 ug/l
RT: 13.857 min Scan# 3893
Delta R.T. 0.009 min
Lab File: VU043379.D
Acq: 28 Apr 2021 12:36

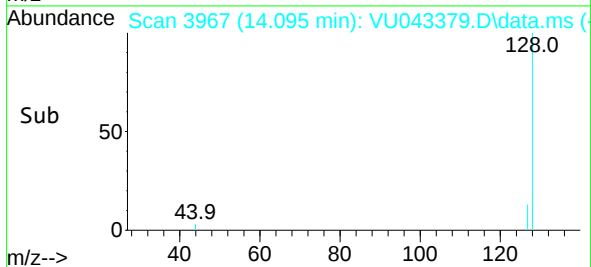
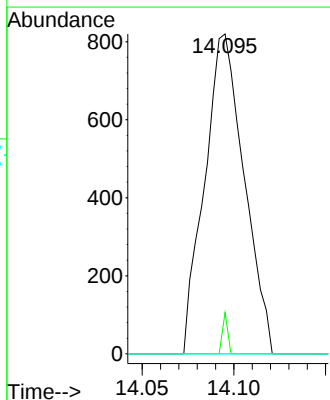
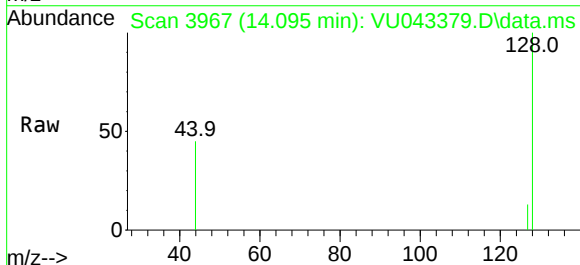
Instrument :
MSVOA_U
ClientSampleId :

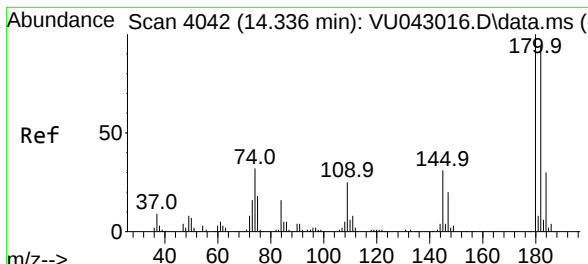
Tgt Ion:180 Resp: 97
Ion Ratio Lower Upper
180 100
182 173.2 46.9 140.8#
145 0.0 14.4 43.4#



#95
Naphthalene
Concen: 2.92 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043379.D
Acq: 28 Apr 2021 12:36

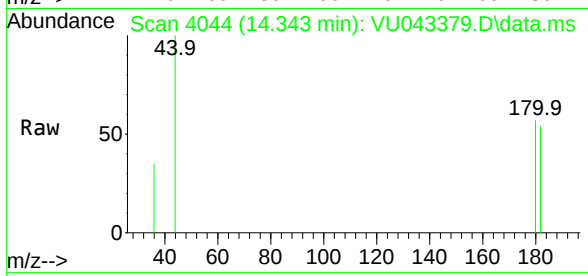
Tgt Ion:128 Resp: 1227
Ion Ratio Lower Upper
128 100
127 1.6 10.8 16.2#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.56 ug/l
 RT: 14.343 min Scan# 4044
 Delta R.T. 0.007 min
 Lab File: VU043379.D
 Acq: 28 Apr 2021 12:36

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	197
Ion	Ratio	Lower	Upper
180	100		
182	101.0	48.0	144.0
145	0.0	15.5	46.5#

