

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043361.D
 Acq On : 27 Apr 2021 22:32
 Operator : SY/MD
 Sample : M2133-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ118S-20210420

Quant Time: Apr 28 09:12:35 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)

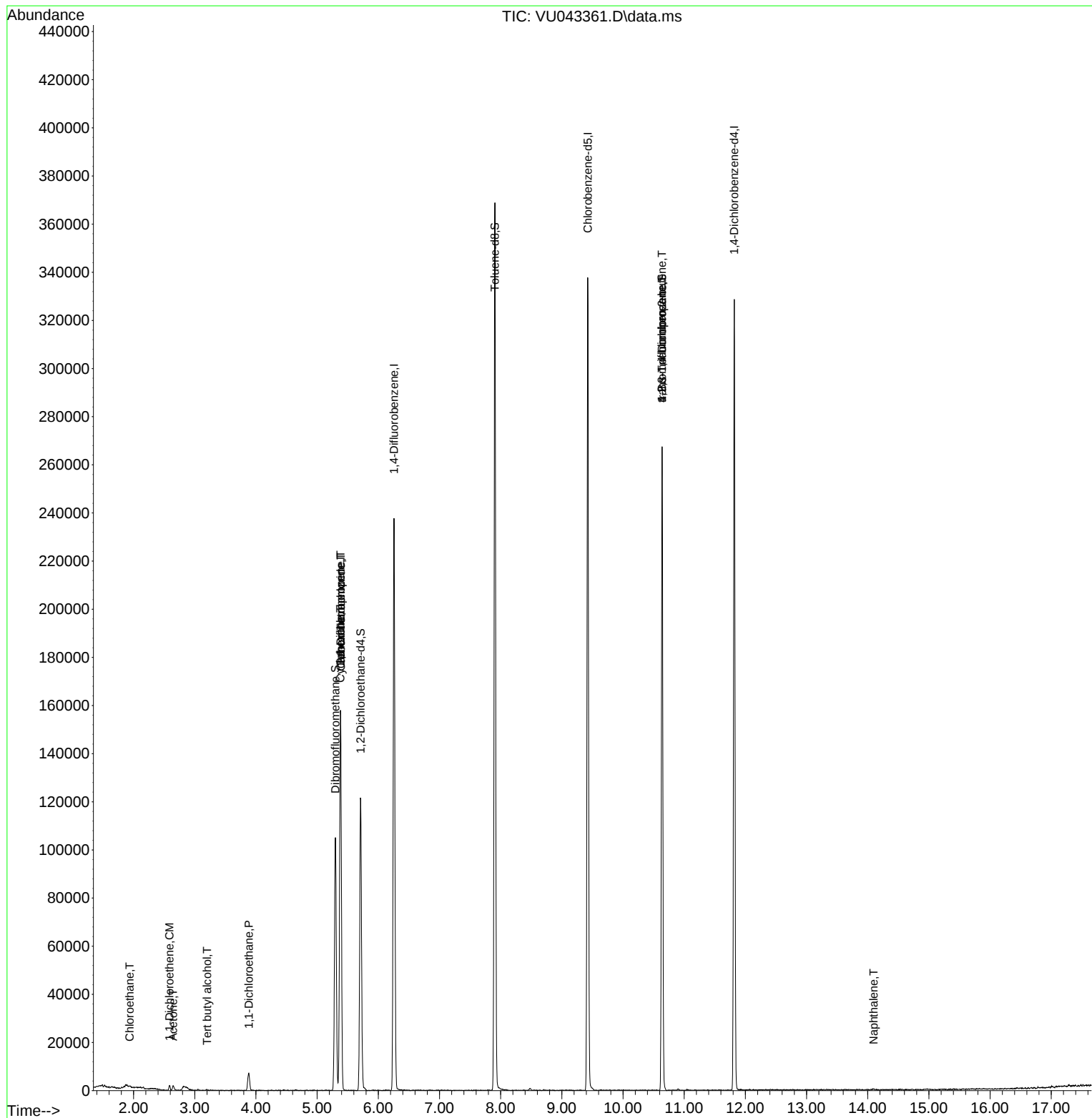
Internal Standards						
1) Pentafluorobenzene	5.382	168	106248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	177745	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	169760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	80141	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	95059	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
35) Dibromofluoromethane	5.298	113	65545	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
50) Toluene-d8	7.906	98	224205	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
62) 4-Bromofluorobenzene	10.639	95	79041	41.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.52%	
Target Compounds					Qvalue	
3) Chloromethane	1.520	50	617	Below Cal	#	41
6) Chloroethane	1.938	64	974	1.14	ug/l #	86
11) Tert butyl alcohol	3.202	59	116	0.25	ug/l #	94
12) 1,1-Dichloroethene	2.588	96	669	0.67	ug/l #	59
16) Acetone	2.646	43	2688	2.26	ug/l	90
24) 1,1-Dichloroethane	3.883	63	8621	3.69	ug/l	99
31) Cyclohexane	5.378	56	2778	1.26	ug/l #	30
36) 1,1-Dichloropropene	5.382	75	8964	4.75	ug/l #	50
38) Carbon Tetrachloride	5.385	117	11182	5.53	ug/l #	17
76) 1,2,3-Trichloropropane	10.639	75	44411	18.96	ug/l #	36
81) trans-1,4-Dichloro-2-b...	10.639	75	44411	55.72	ug/l #	7
95) Naphthalene	14.098	128	465	2.82	ug/l #	69

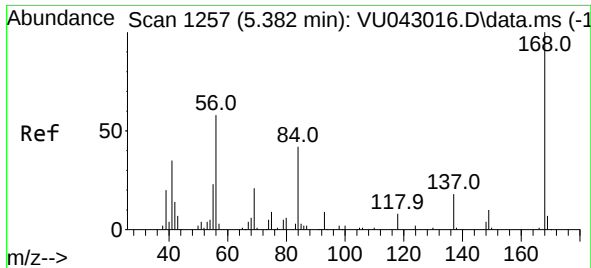
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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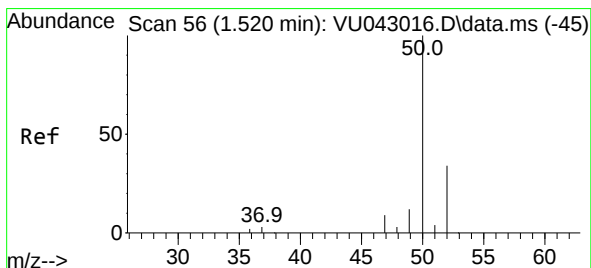
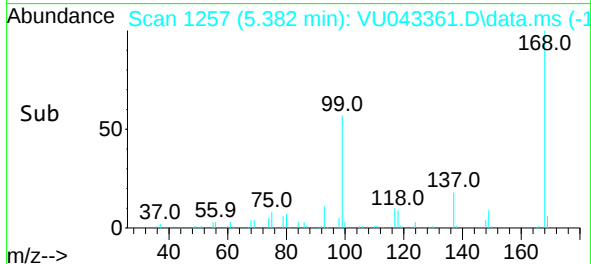
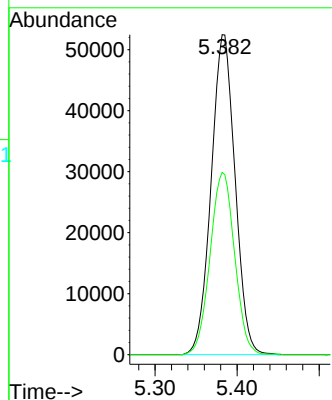
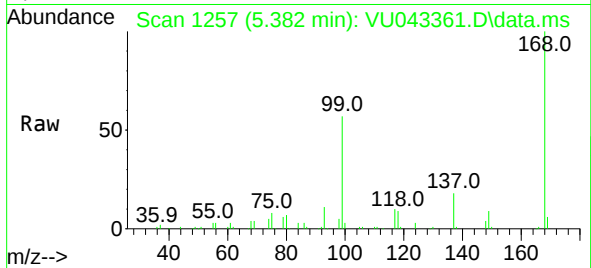




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043361.D
Acq: 27 Apr 2021 22:32

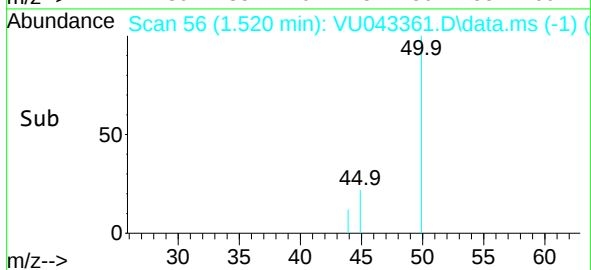
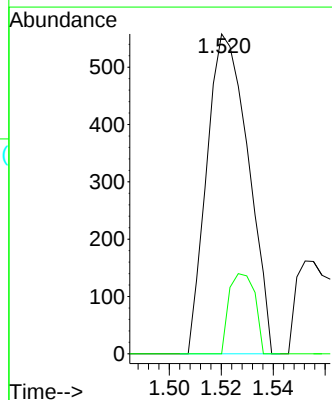
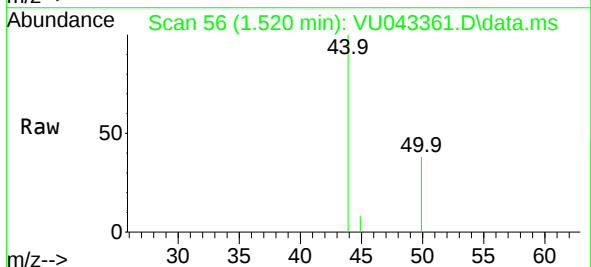
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ118S-20210420

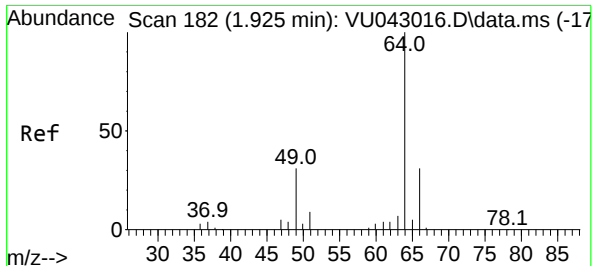
Tgt Ion:168 Resp: 106248
Ion Ratio Lower Upper
168 100
99 56.9 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043361.D
Acq: 27 Apr 2021 22:32

Tgt Ion: 50 Resp: 617
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

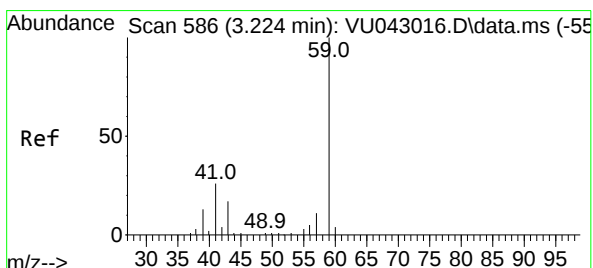
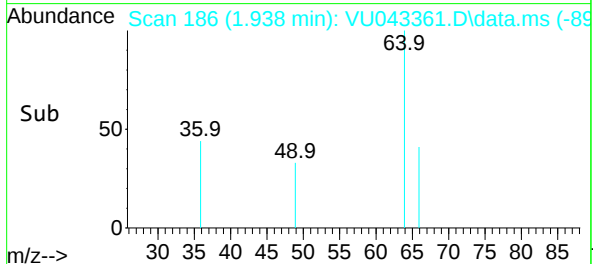
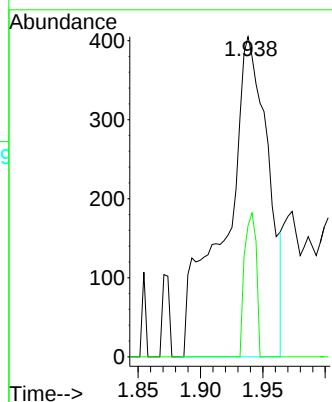
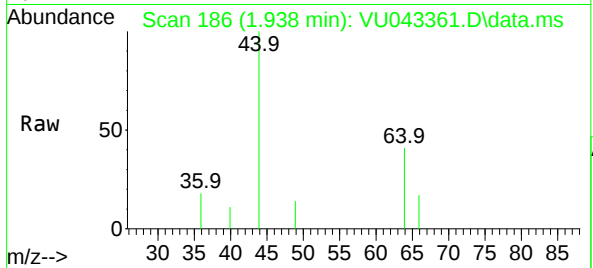




#6
Chloroethane
Concen: 1.14 ug/l
RT: 1.938 min Scan# 186
Delta R.T. 0.013 min
Lab File: VU043361.D
Acq: 27 Apr 2021 22:32

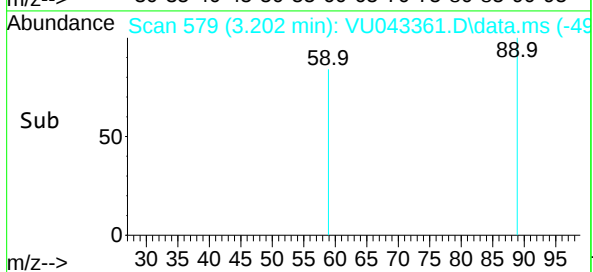
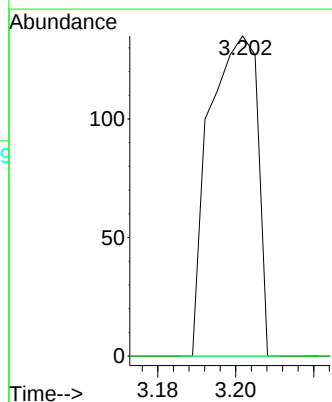
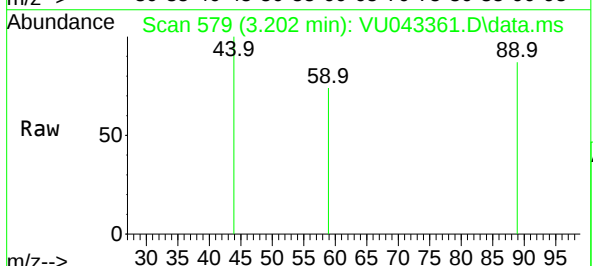
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ118S-20210420

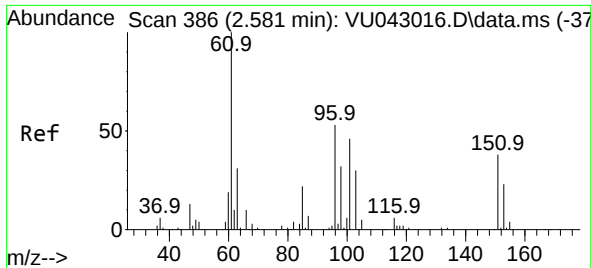
Tgt Ion: 64 Resp: 974
Ion Ratio Lower Upper
64 100
66 41.0 26.4 39.6#



#11
Tert butyl alcohol
Concen: 0.25 ug/l
RT: 3.202 min Scan# 579
Delta R.T. -0.022 min
Lab File: VU043361.D
Acq: 27 Apr 2021 22:32

Tgt Ion: 59 Resp: 116
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#

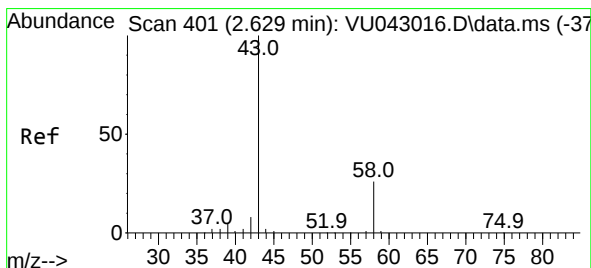
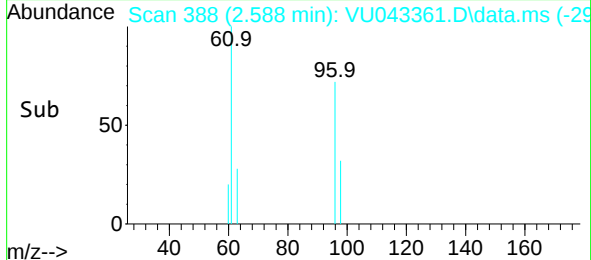
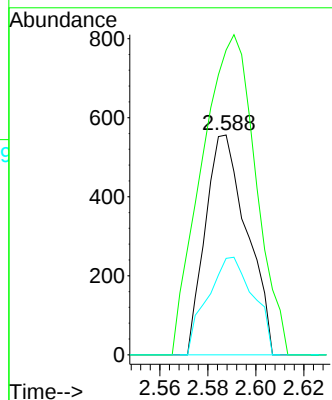
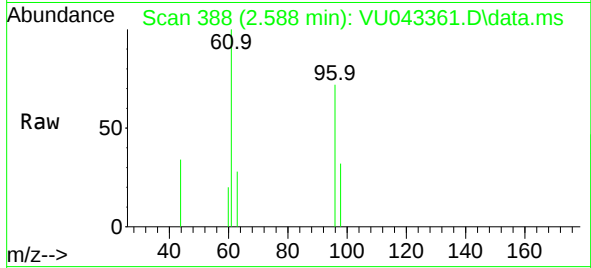




#12
1,1-Dichloroethene
Concen: 0.67 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.007 min
Lab File: VU043361.D
Acq: 27 Apr 2021 22:32

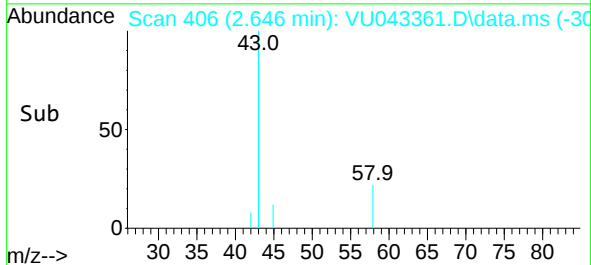
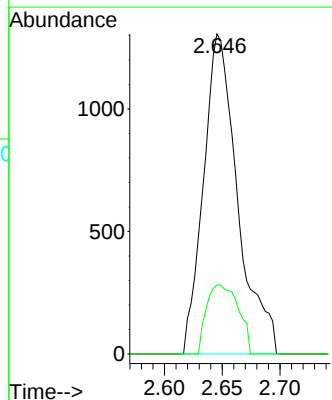
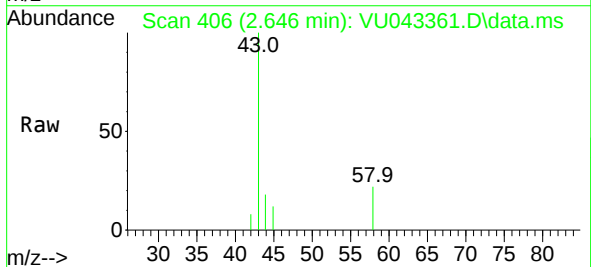
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ118S-20210420

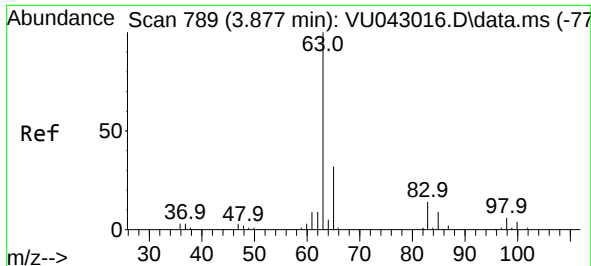
Tgt Ion: 96 Resp: 669
Ion Ratio Lower Upper
96 100
61 118.3 147.4 221.0#
98 43.9 51.4 77.2#



#16
Acetone
Concen: 2.26 ug/l
RT: 2.646 min Scan# 406
Delta R.T. 0.017 min
Lab File: VU043361.D
Acq: 27 Apr 2021 22:32

Tgt Ion: 43 Resp: 2688
Ion Ratio Lower Upper
43 100
58 21.6 21.5 32.3

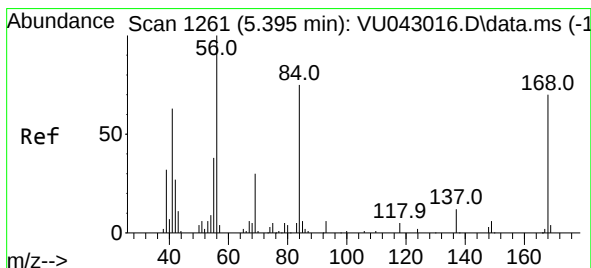
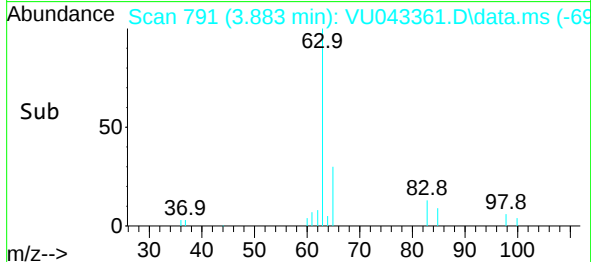
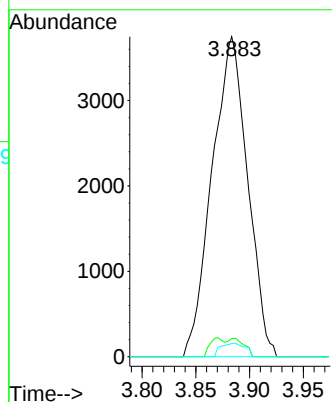
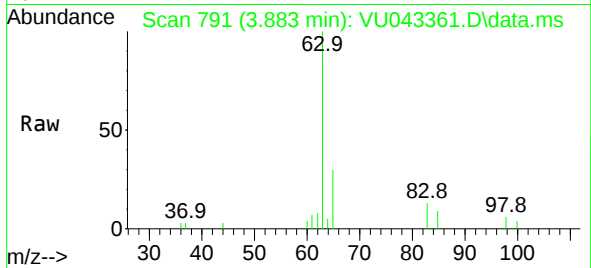




#24
1,1-Dichloroethane
Concen: 3.69 ug/l
RT: 3.883 min Scan# 791
Delta R.T. 0.006 min
Lab File: VU043361.D
Acq: 27 Apr 2021 22:32

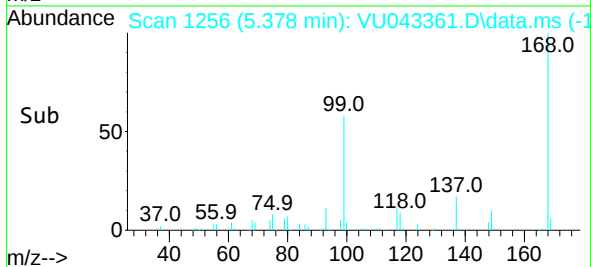
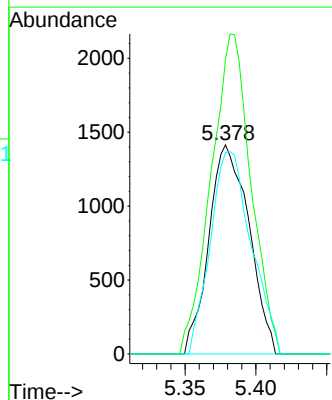
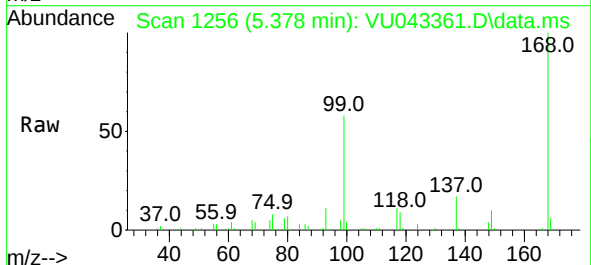
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ118S-20210420

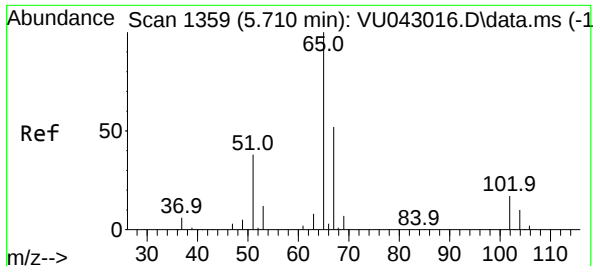
Tgt Ion: 63	Resp: 8621
Ion Ratio	Lower Upper
63 100	
98 5.7	3.1 9.3
100 4.1	2.1 6.2



#31
Cyclohexane
Concen: 1.26 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.016 min
Lab File: VU043361.D
Acq: 27 Apr 2021 22:32

Tgt Ion: 56	Resp: 2778
Ion Ratio	Lower Upper
56 100	
69 140.8	24.9 37.3#
84 96.3	63.7 95.5#

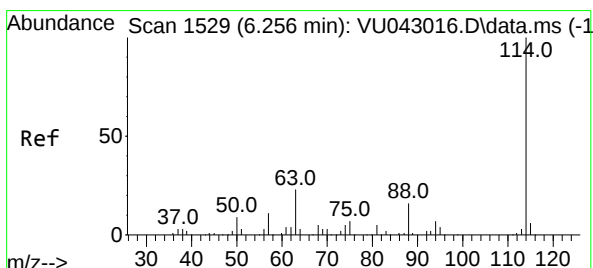
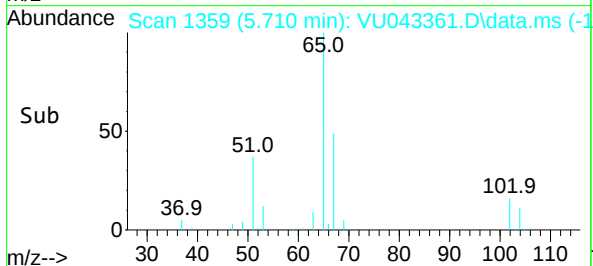
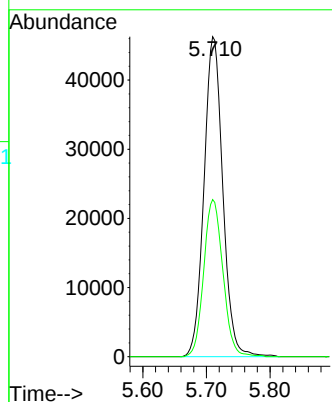
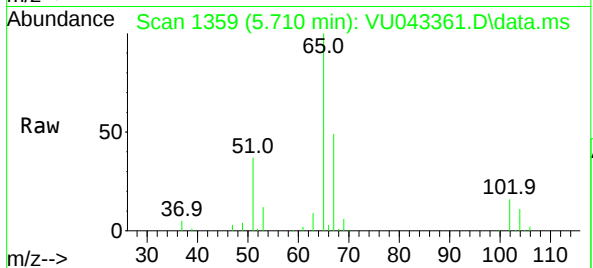




#33
1,2-Dichloroethane-d4
Concen: 53.22 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043361.D
Acq: 27 Apr 2021 22:32

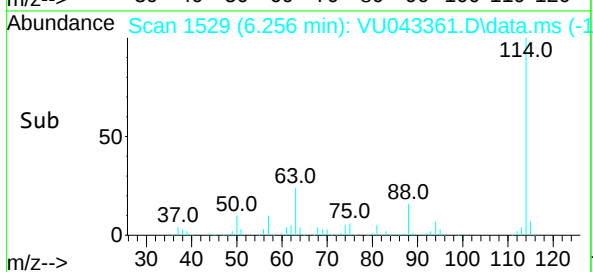
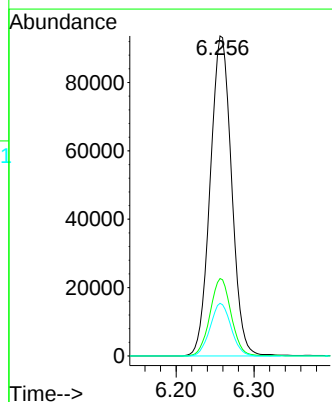
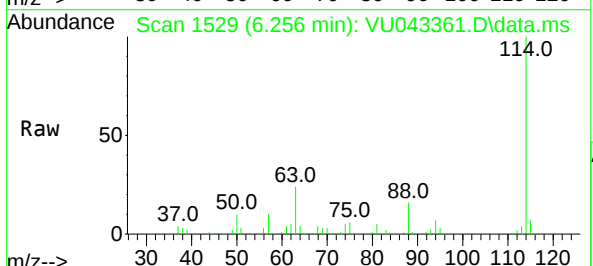
Instrument :
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SA-PZ118S-20210420

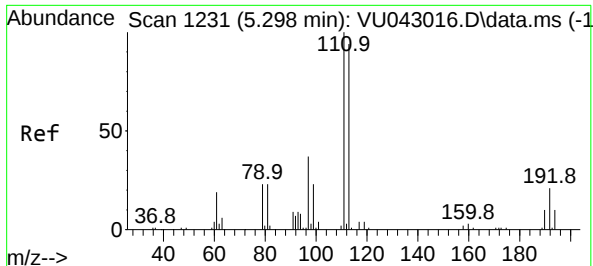
Tgt Ion: 65 Resp: 95059
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043361.D
Acq: 27 Apr 2021 22:32

Tgt Ion: 114 Resp: 177745
Ion Ratio Lower Upper
114 100
63 24.2 0.0 44.2
88 16.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.07 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043361.D

Acq: 27 Apr 2021 22:32

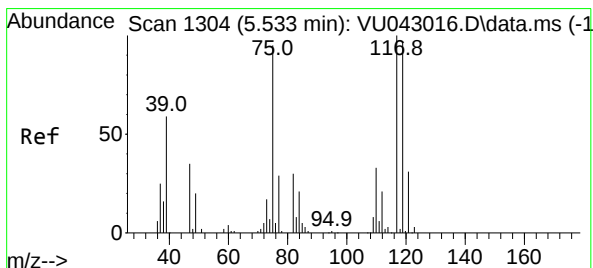
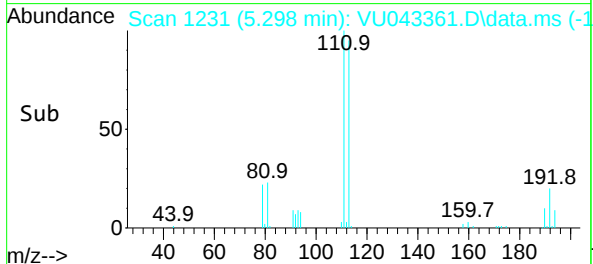
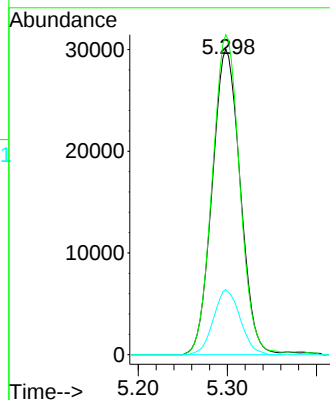
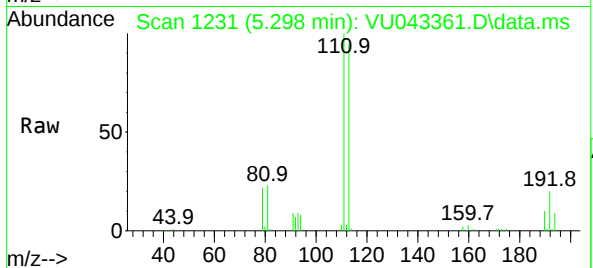
Tgt Ion:113 Resp: 65545

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

192 20.3 17.2 25.8



#36

1,1-Dichloropropene

Concen: 4.75 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.151 min

Lab File: VU043361.D

Acq: 27 Apr 2021 22:32

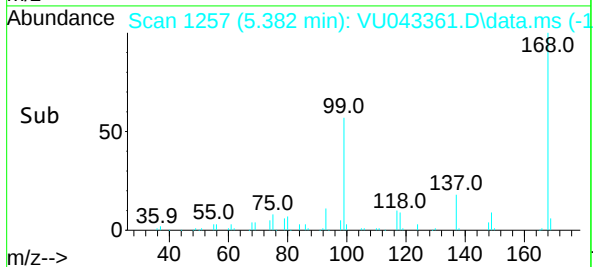
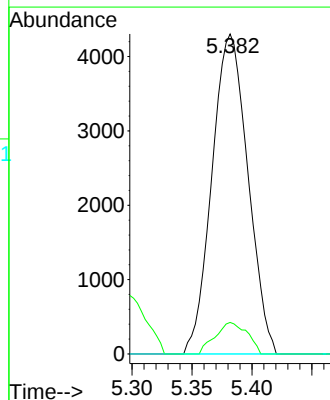
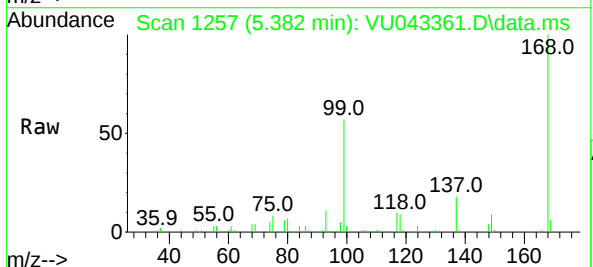
Tgt Ion: 75 Resp: 8964

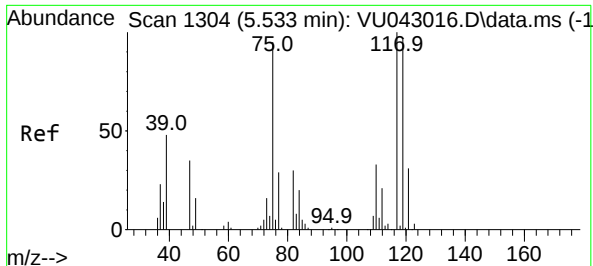
Ion Ratio Lower Upper

75 100

110 8.8 16.8 50.3#

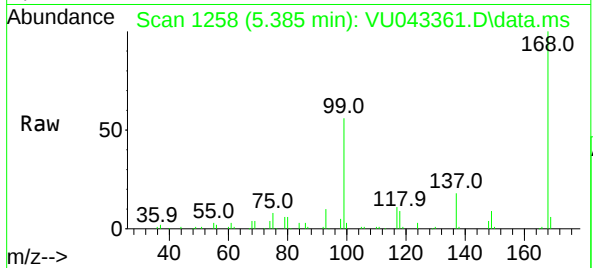
77 0.0 24.8 37.2#



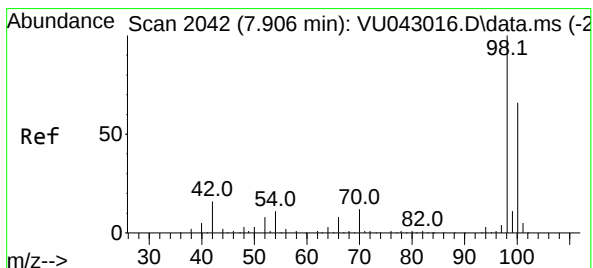
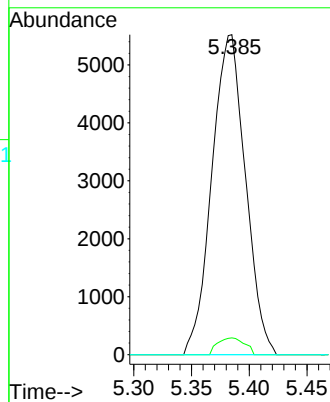
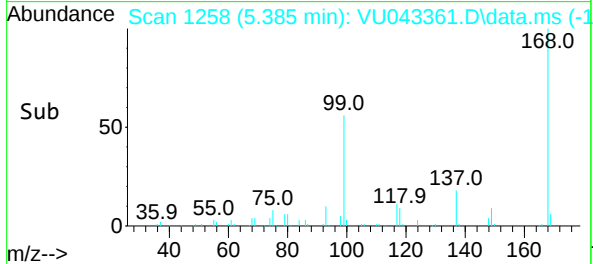


#38
Carbon Tetrachloride
Concen: 5.53 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU043361.D
Acq: 27 Apr 2021 22:32

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ118S-20210420

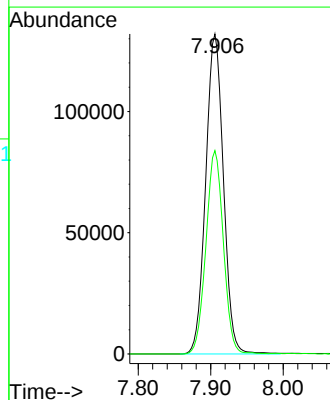
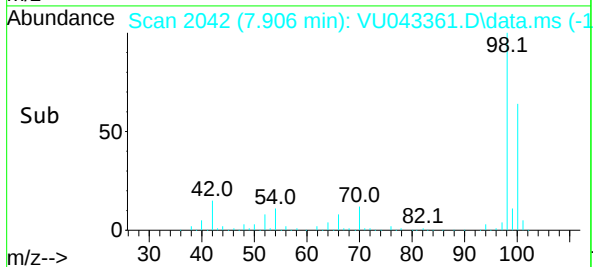
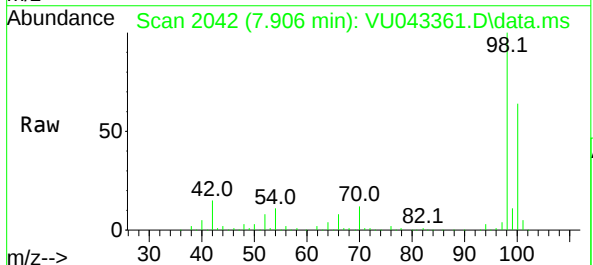


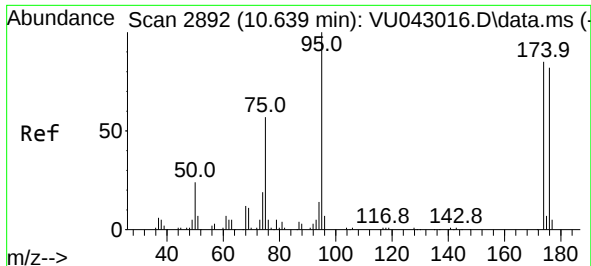
Tgt Ion: 117 Resp: 11182
Ion Ratio Lower Upper
117 100
119 5.3 75.5 113.3#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 47.44 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043361.D
Acq: 27 Apr 2021 22:32

Tgt Ion: 98 Resp: 224205
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.2

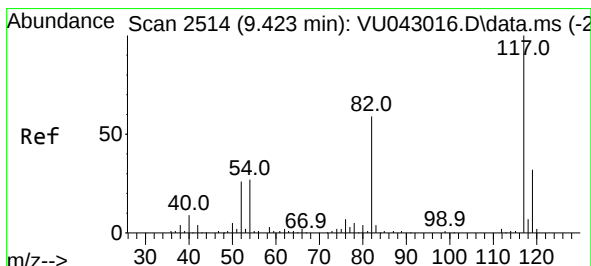
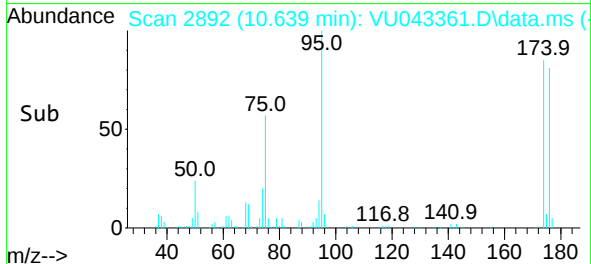
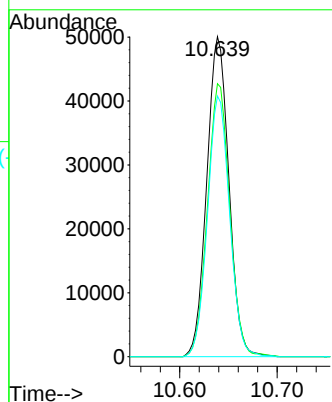
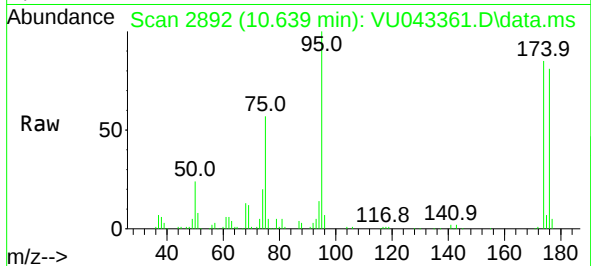




#62
4-Bromofluorobenzene
Concen: 41.76 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043361.D
Acq: 27 Apr 2021 22:32

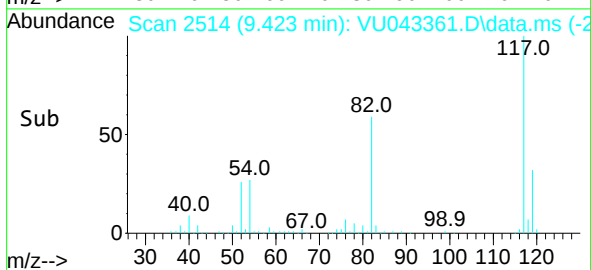
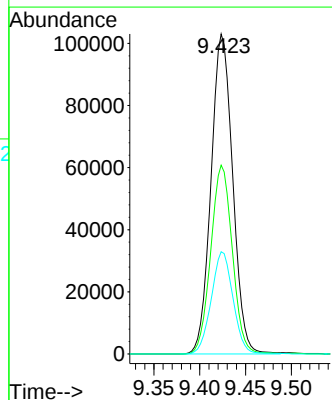
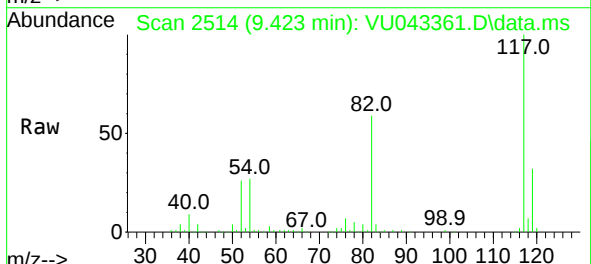
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ118S-20210420

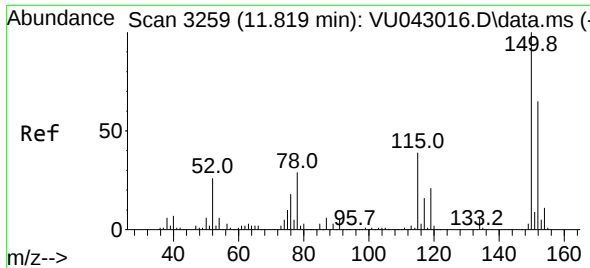
Tgt Ion: 95 Resp: 79041
Ion Ratio Lower Upper
95 100
174 86.1 0.0 172.2
176 81.5 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043361.D
Acq: 27 Apr 2021 22:32

Tgt Ion: 117 Resp: 169760
Ion Ratio Lower Upper
117 100
82 59.0 45.8 68.6
119 32.0 25.8 38.8

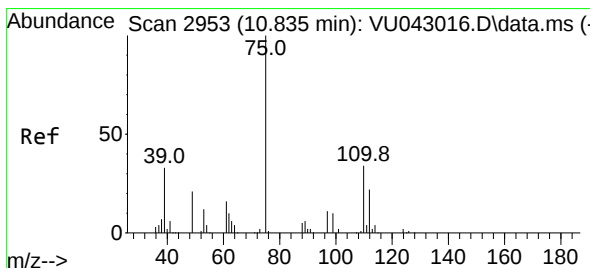
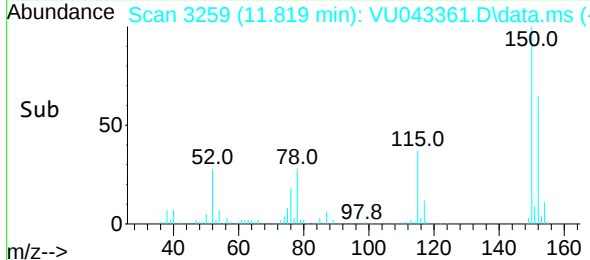
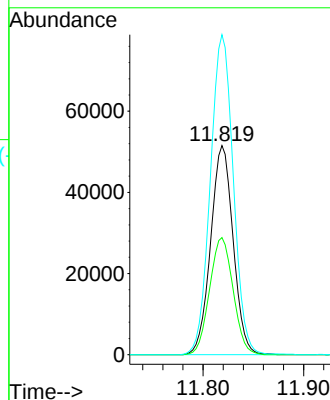
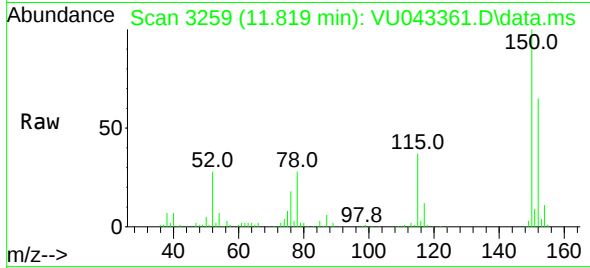




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043361.D
 Acq: 27 Apr 2021 22:32

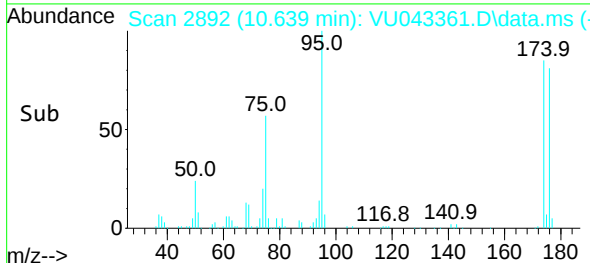
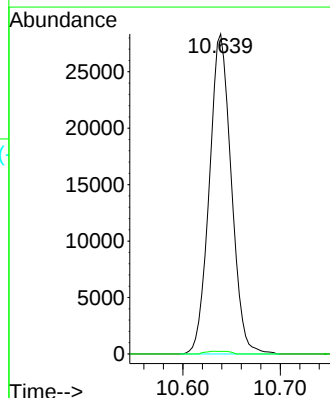
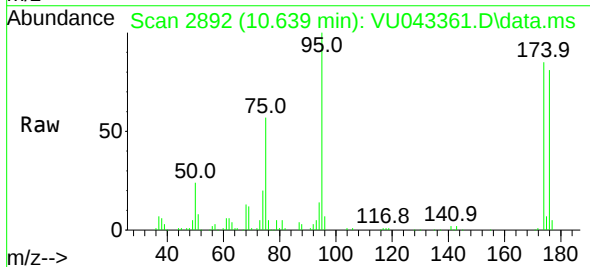
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ118S-20210420

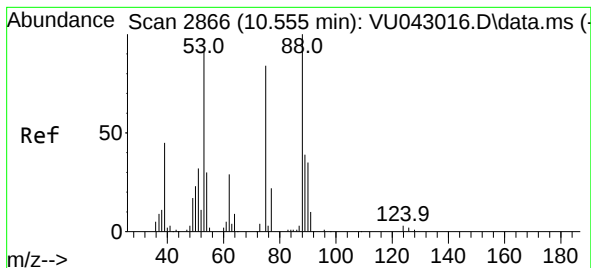
Tgt Ion:152 Resp: 80141
 Ion Ratio Lower Upper
 152 100
 115 58.3 41.5 124.6
 150 156.2 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 18.96 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043361.D
 Acq: 27 Apr 2021 22:32

Tgt Ion: 75 Resp: 44411
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.2 60.5#

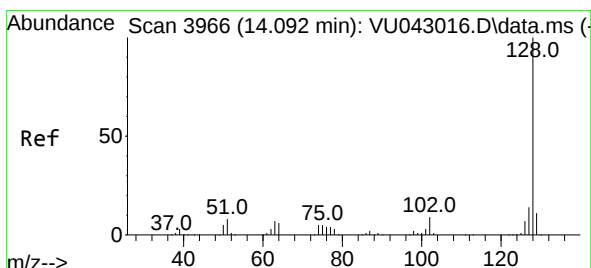
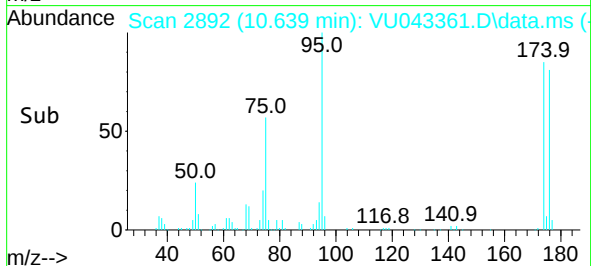
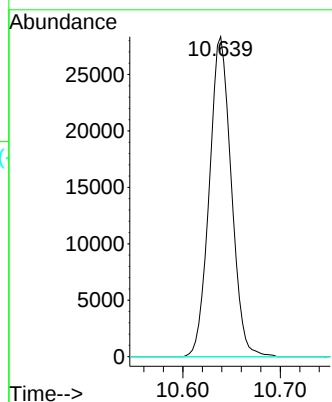
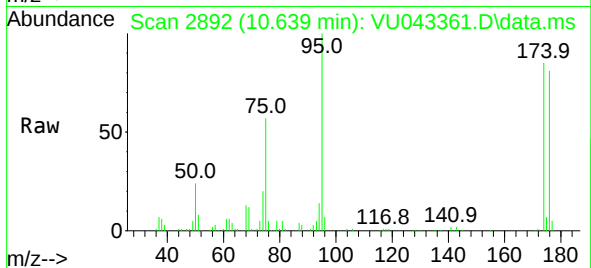




#81
trans-1,4-Dichloro-2-butene
Concen: 55.72 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043361.D
Acq: 27 Apr 2021 22:32

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ118S-20210420

Tgt Ion: 75 Resp: 44411
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.82 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VU043361.D
Acq: 27 Apr 2021 22:32

Tgt Ion:128 Resp: 465
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

