

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043360.D
 Acq On : 27 Apr 2021 22:09
 Operator : SY/MD
 Sample : M2133-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 28 09:12:18 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)

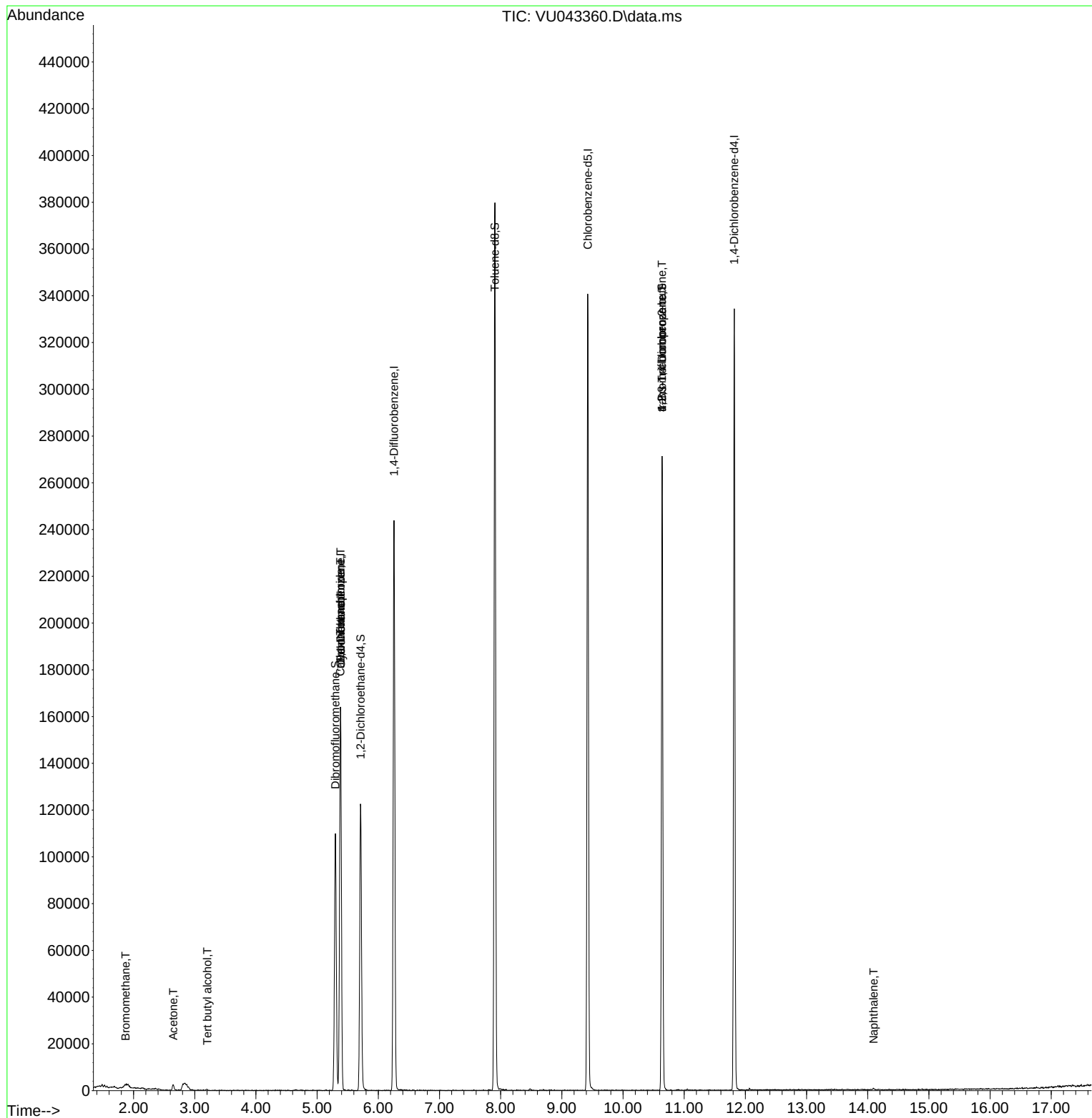
Internal Standards						
1) Pentafluorobenzene	5.382	168	109077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	180548	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	171719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	80996	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	95361	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
35) Dibromofluoromethane	5.298	113	66564	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
50) Toluene-d8	7.906	98	227186	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
62) 4-Bromofluorobenzene	10.639	95	79618	41.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.84%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	779	Below Cal	#	87
5) Bromomethane	1.867	94	152	0.23	ug/l #	2
11) Tert butyl alcohol	3.208	59	149	0.32	ug/l #	94
16) Acetone	2.649	43	3244	2.71	ug/l #	88
31) Cyclohexane	5.385	56	2586	1.14	ug/l #	15
36) 1,1-Dichloropropene	5.382	75	9311	4.86	ug/l #	50
38) Carbon Tetrachloride	5.378	117	11038	5.37	ug/l #	17
76) 1,2,3-Trichloropropane	10.639	75	46290	19.56	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	46290	57.47	ug/l #	7
95) Naphthalene	14.095	128	819	2.87	ug/l #	69

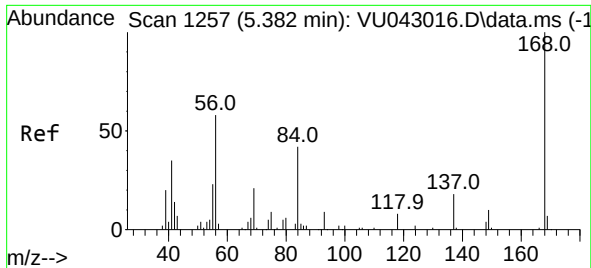
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 28 09:12:18 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

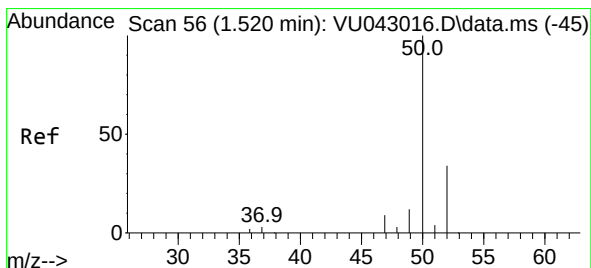
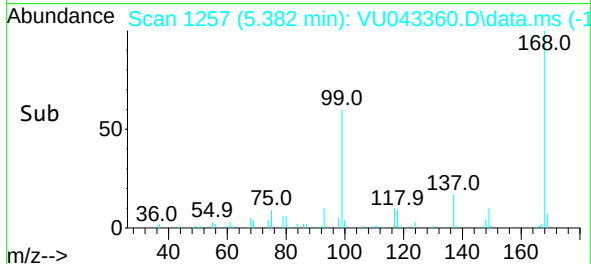
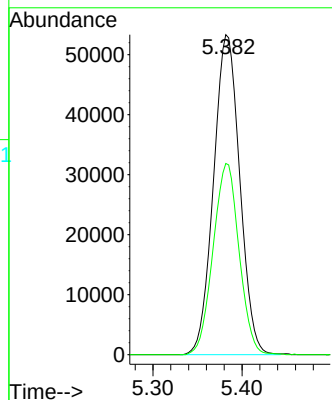
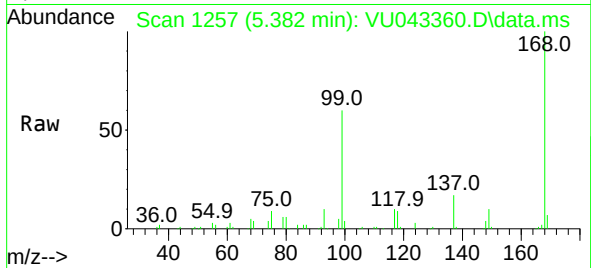




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043360.D
Acq: 27 Apr 2021 22:09

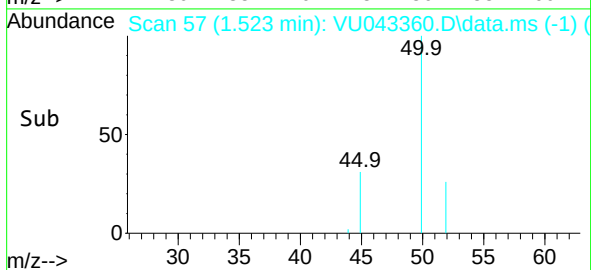
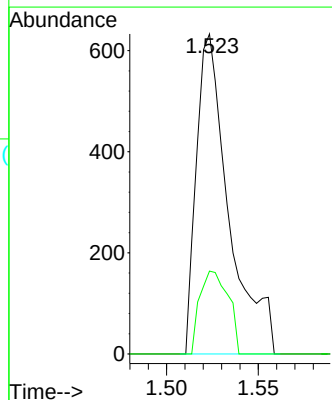
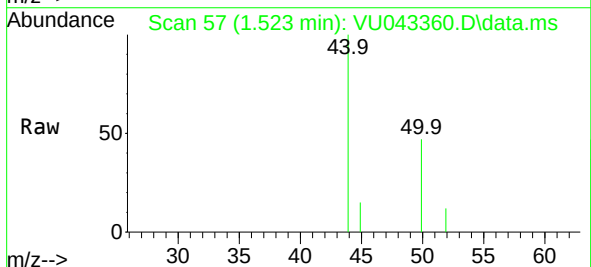
Instrument :
MSVOA_U
ClientSampled :

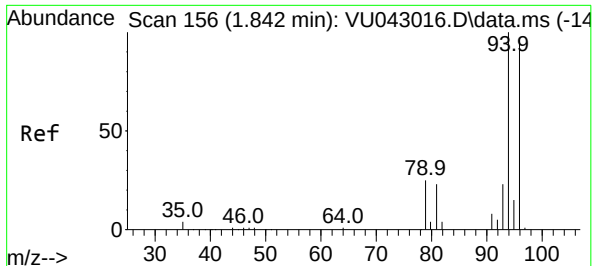
Tgt Ion:168 Resp: 109077
Ion Ratio Lower Upper
168 100
99 59.7 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043360.D
Acq: 27 Apr 2021 22:09

Tgt Ion: 50 Resp: 779
Ion Ratio Lower Upper
50 100
52 25.9 26.6 40.0#

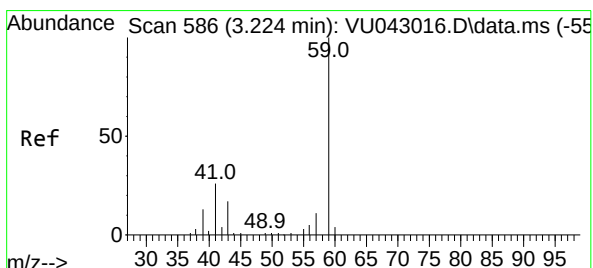
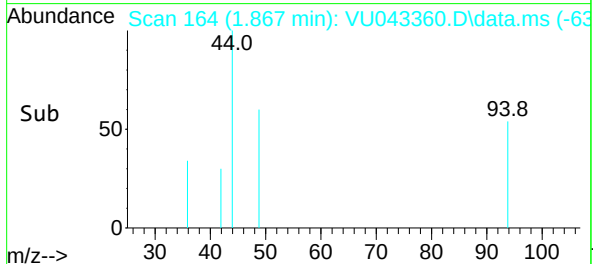
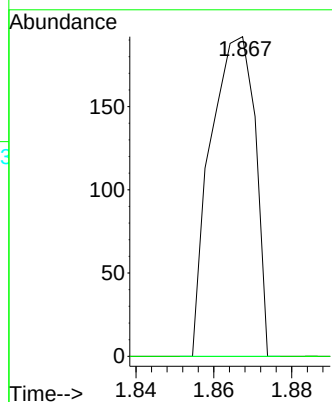
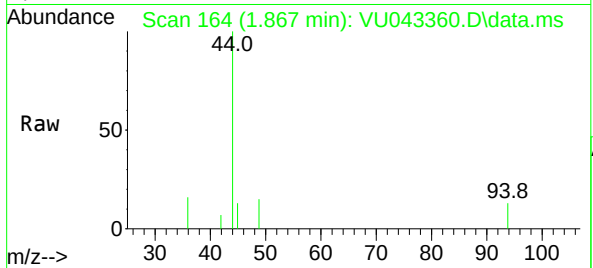




#5
Bromomethane
Concen: 0.23 ug/l
RT: 1.867 min Scan# 164
Delta R.T. 0.025 min
Lab File: VU043360.D
Acq: 27 Apr 2021 22:09

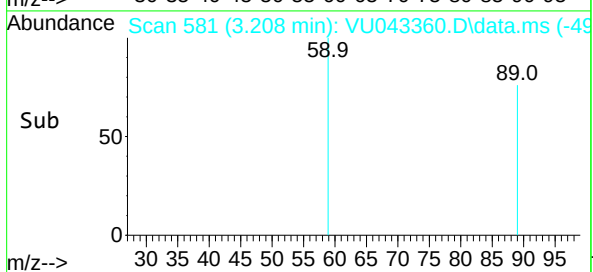
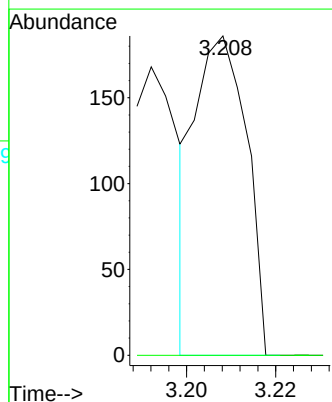
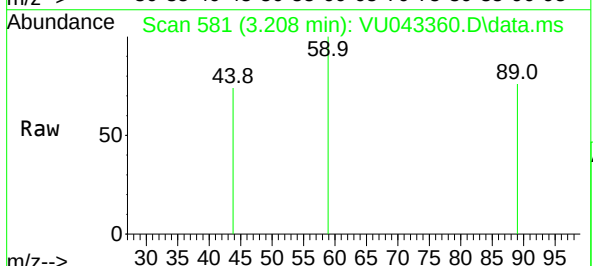
Instrument :
MSVOA_U
ClientSampled :

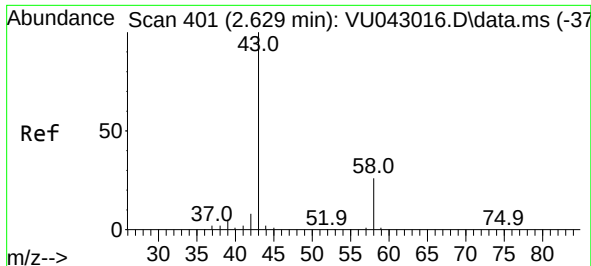
Tgt Ion: 94 Resp: 152
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#



#11
Tert butyl alcohol
Concen: 0.32 ug/l
RT: 3.208 min Scan# 581
Delta R.T. -0.016 min
Lab File: VU043360.D
Acq: 27 Apr 2021 22:09

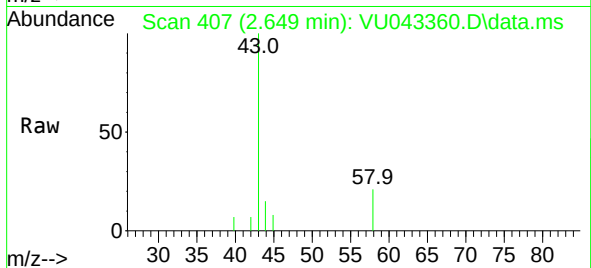
Tgt Ion: 59 Resp: 149
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



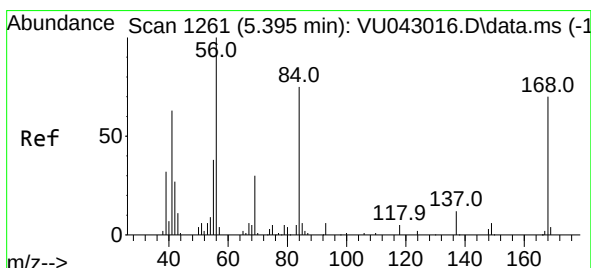
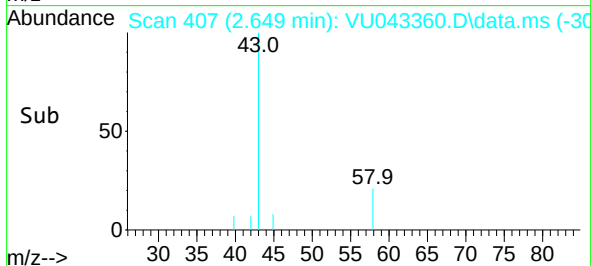
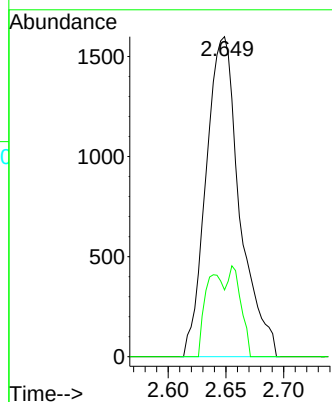


#16
Acetone
Concen: 2.71 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.020 min
Lab File: VU043360.D
Acq: 27 Apr 2021 22:09

Instrument :
MSVOA_U
ClientSampled :

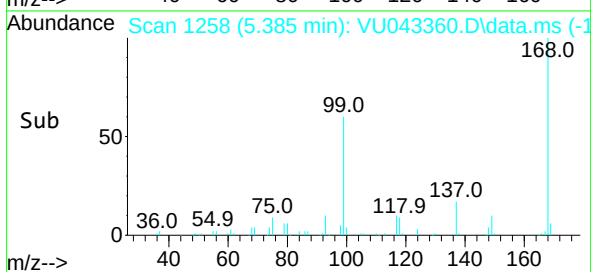
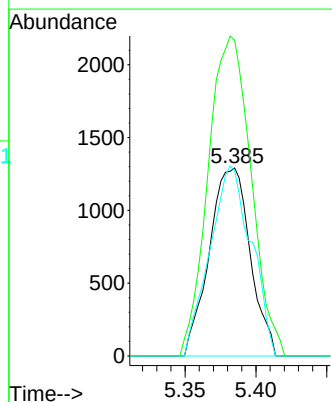
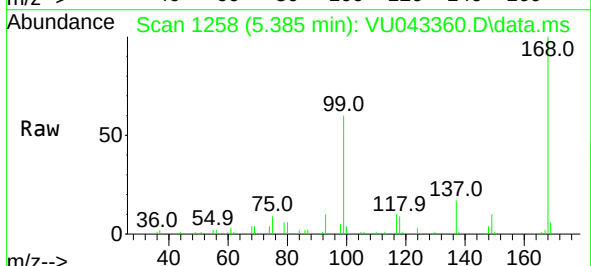


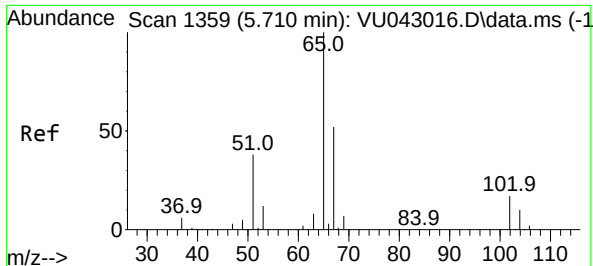
Tgt Ion: 43 Resp: 3244
Ion Ratio Lower Upper
43 100
58 20.8 21.5 32.3#



#31
Cyclohexane
Concen: 1.14 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.010 min
Lab File: VU043360.D
Acq: 27 Apr 2021 22:09

Tgt Ion: 56 Resp: 2586
Ion Ratio Lower Upper
56 100
69 168.0 24.9 37.3#
84 98.7 63.7 95.5#

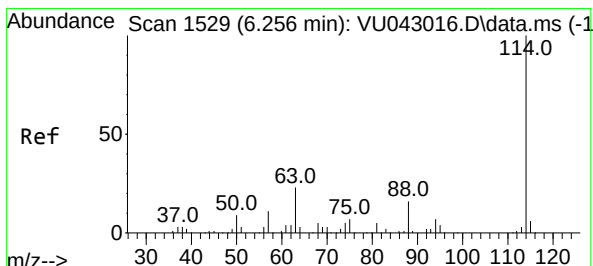
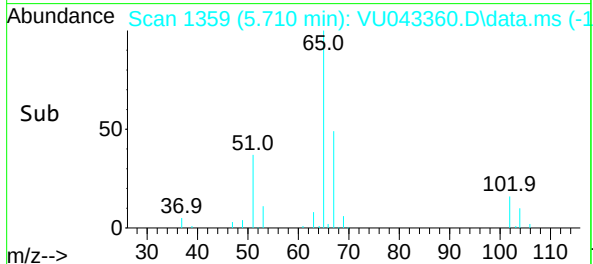
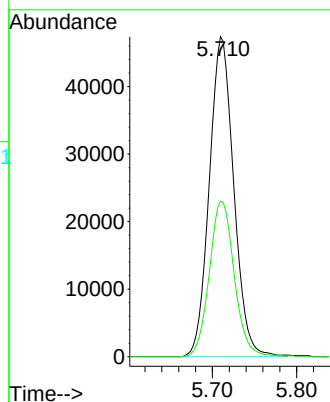
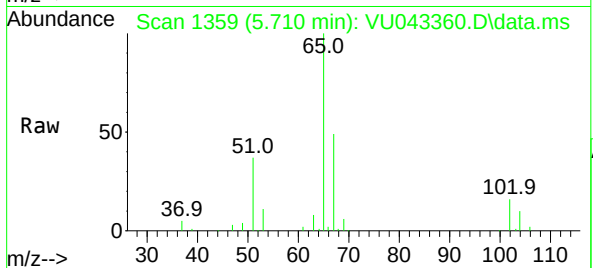




#33
1,2-Dichloroethane-d4
Concen: 52.01 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043360.D
Acq: 27 Apr 2021 22:09

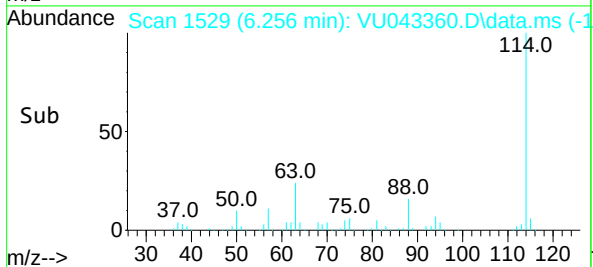
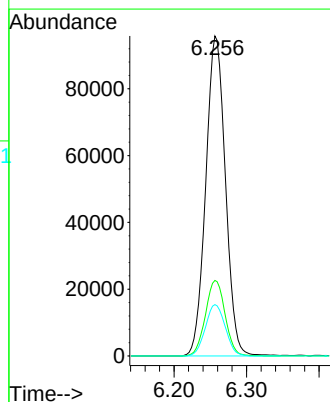
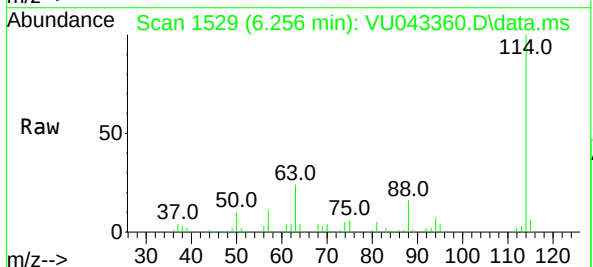
Instrument :
MSVOA_U
ClientSampled :

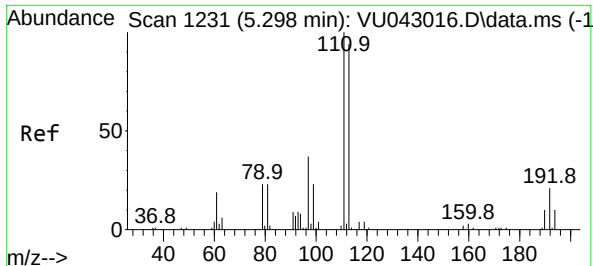
Tgt Ion: 65 Resp: 95361
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043360.D
Acq: 27 Apr 2021 22:09

Tgt Ion: 114 Resp: 180548
Ion Ratio Lower Upper
114 100
63 23.6 0.0 44.2
88 16.0 0.0 33.4

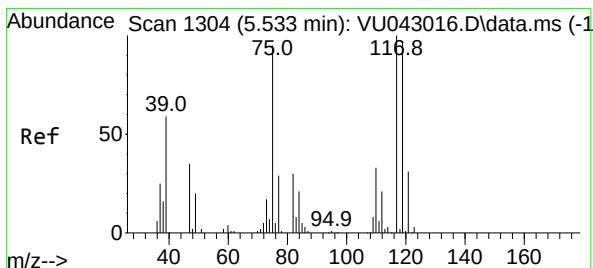
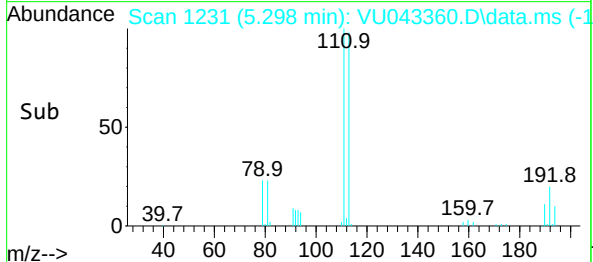
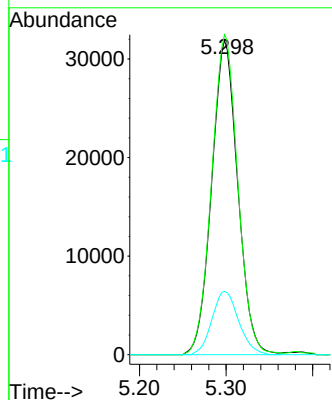
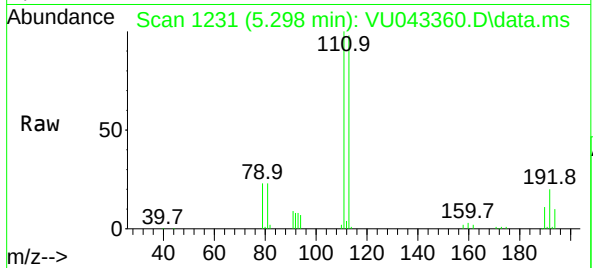




#35
Dibromofluoromethane
Concen: 49.06 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043360.D
Acq: 27 Apr 2021 22:09

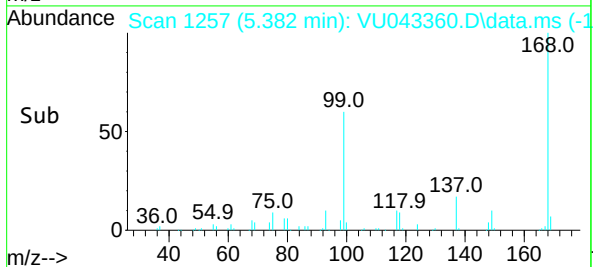
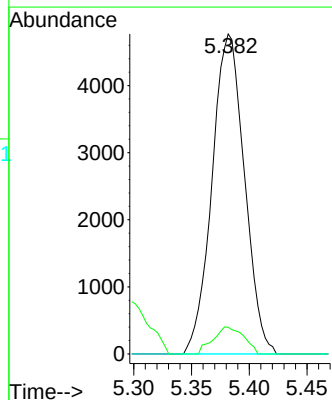
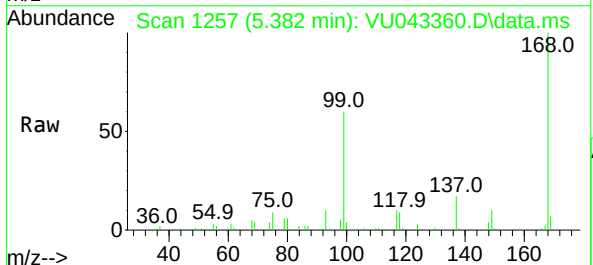
Instrument :
MSVOA_U
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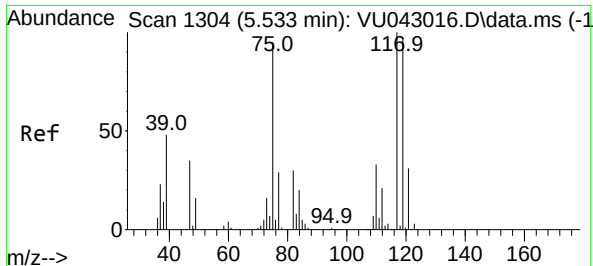
Tgt Ion:113 Resp: 66564
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.8
192 20.7 17.2 25.8



#36
1,1-Dichloropropene
Concen: 4.86 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043360.D
Acq: 27 Apr 2021 22:09

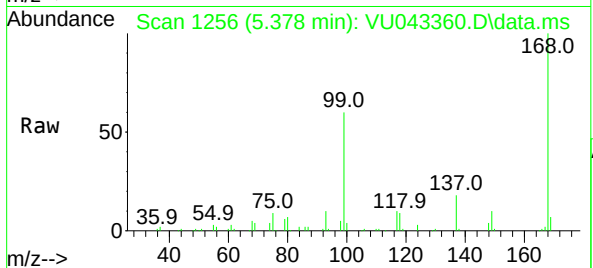
Tgt Ion: 75 Resp: 9311
Ion Ratio Lower Upper
75 100
110 8.0 16.8 50.3#
77 0.0 24.8 37.2#



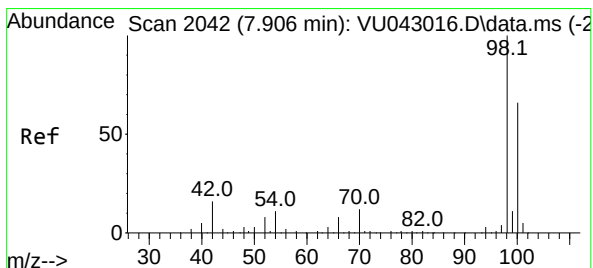
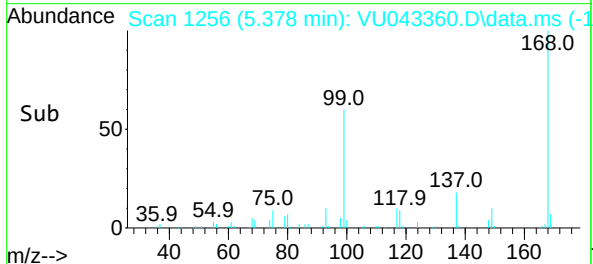
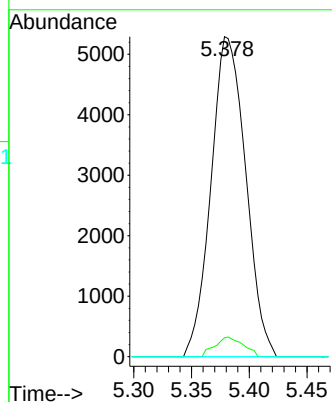


#38
Carbon Tetrachloride
Concen: 5.37 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.155 min
Lab File: VU043360.D
Acq: 27 Apr 2021 22:09

Instrument :
MSVOA_U
ClientSampled :

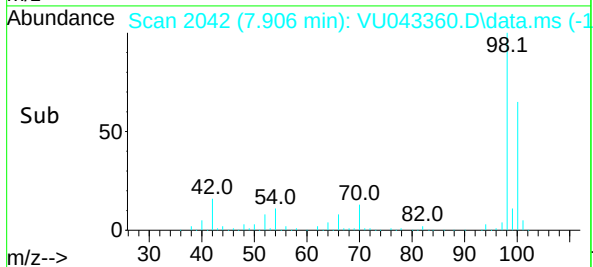
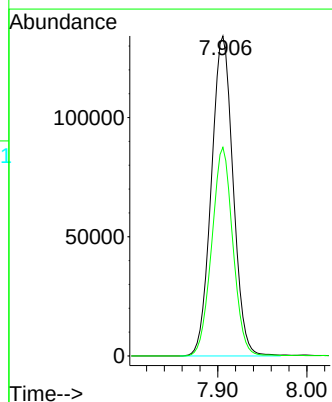
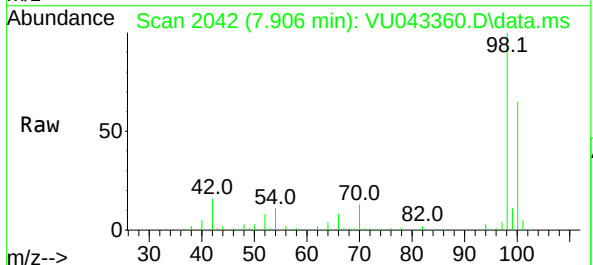


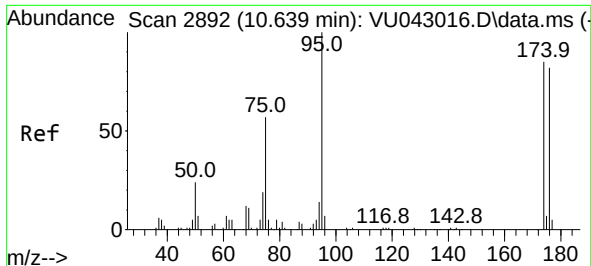
Tgt Ion:117 Resp: 11038
Ion Ratio Lower Upper
117 100
119 5.9 75.5 113.3#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 47.32 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043360.D
Acq: 27 Apr 2021 22:09

Tgt Ion: 98 Resp: 227186
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2

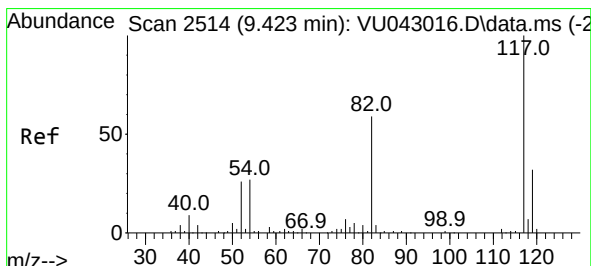
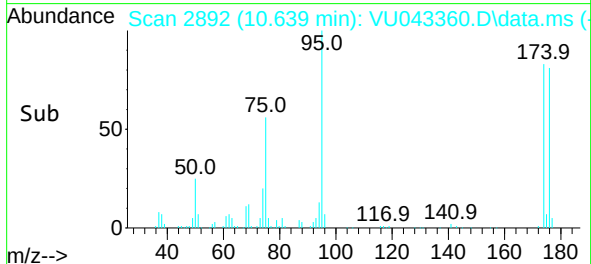
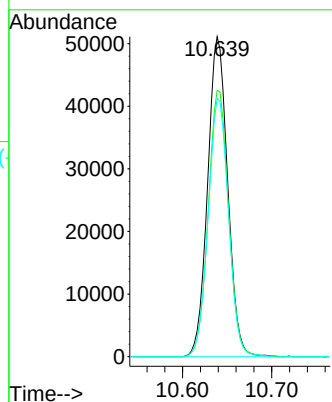
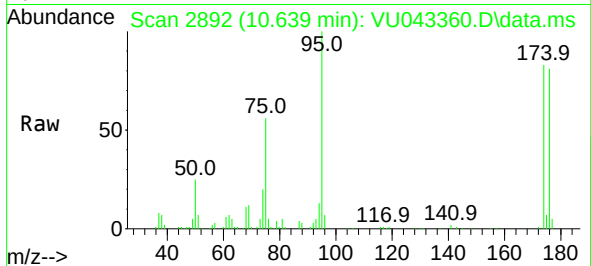




#62
4-Bromofluorobenzene
Concen: 41.42 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043360.D
Acq: 27 Apr 2021 22:09

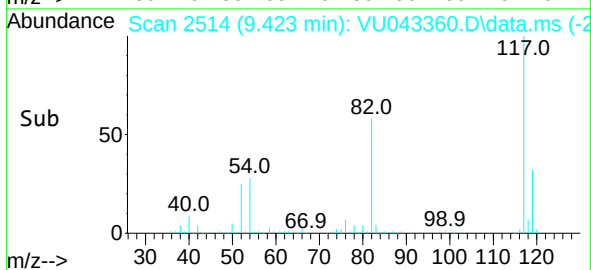
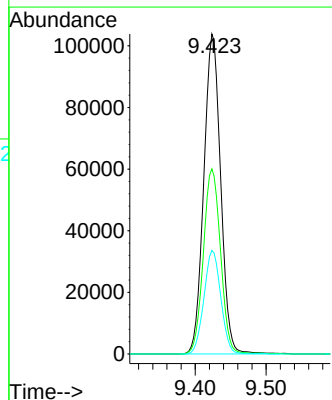
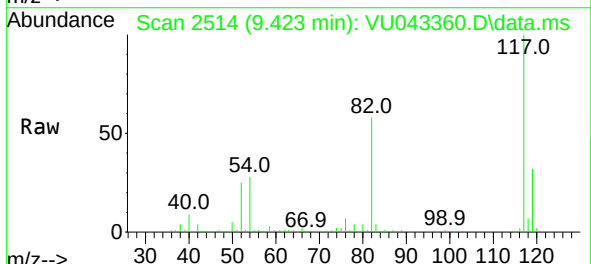
Instrument :
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ClientSampleId :

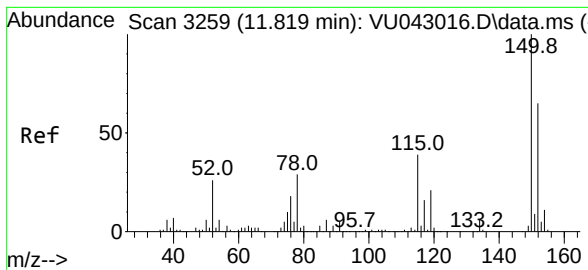
Tgt Ion: 95 Resp: 79618
Ion Ratio Lower Upper
95 100
174 84.7 0.0 172.2
176 82.2 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043360.D
Acq: 27 Apr 2021 22:09

Tgt Ion: 117 Resp: 171719
Ion Ratio Lower Upper
117 100
82 57.9 45.8 68.6
119 32.4 25.8 38.8

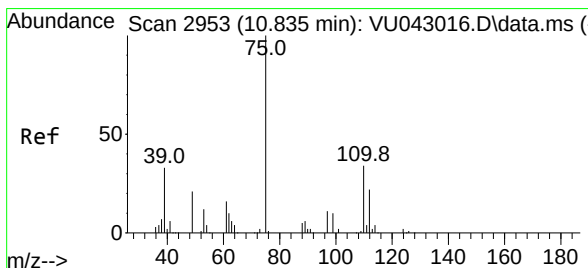
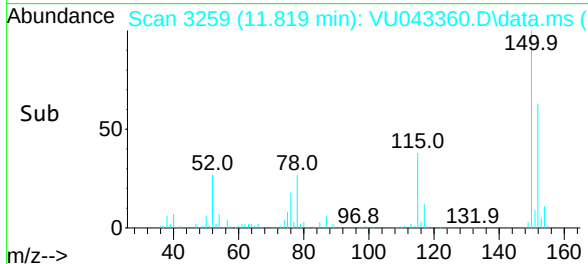
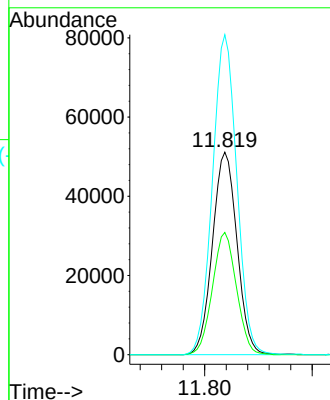
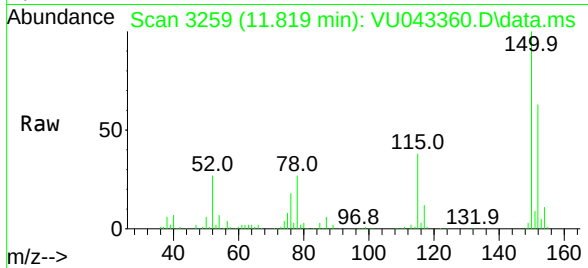




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043360.D
 Acq: 27 Apr 2021 22:09

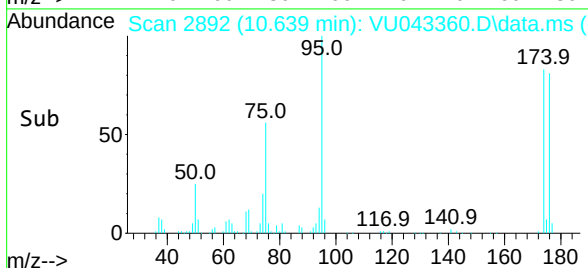
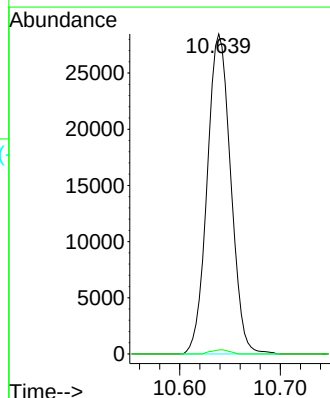
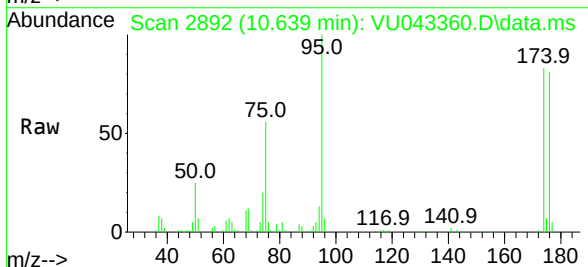
Instrument :
 MSVOA_U
 ClientSampleId :

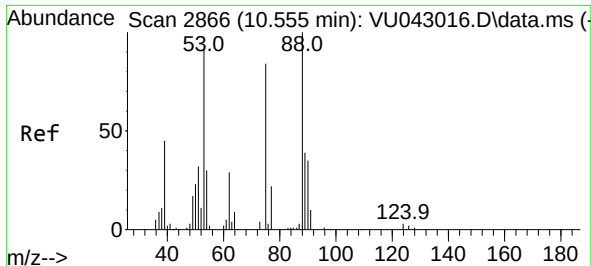
Tgt Ion:152 Resp: 80996
 Ion Ratio Lower Upper
 152 100
 115 59.1 41.5 124.6
 150 156.7 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 19.56 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043360.D
 Acq: 27 Apr 2021 22:09

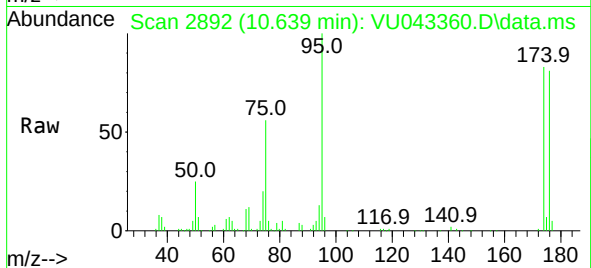
Tgt Ion: 75 Resp: 46290
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.2 60.5#



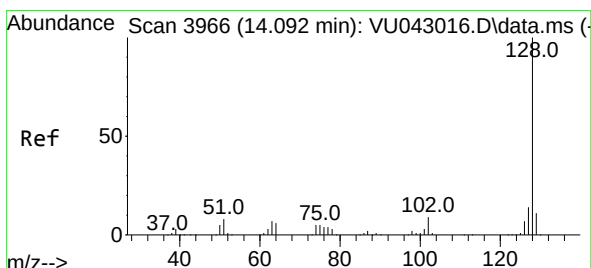
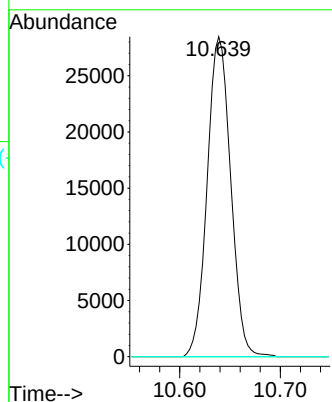
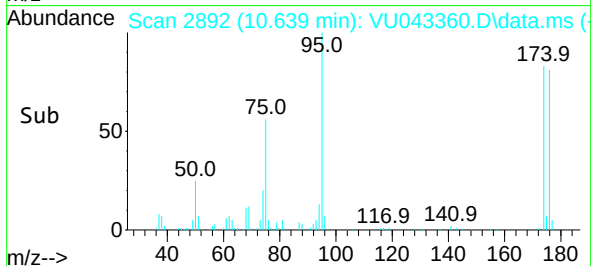


#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.47 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. 0.084 min
 Lab File: VU043360.D
 Acq: 27 Apr 2021 22:09

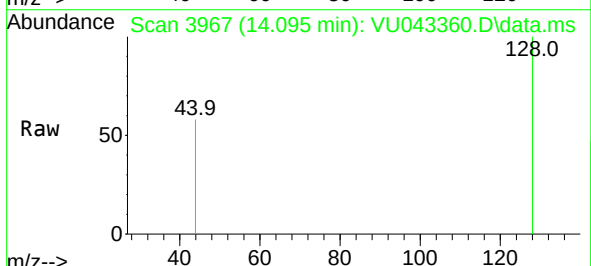
Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 46290
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.6 128.4#
 89 0.0 35.7 53.5#



#95
 Naphthalene
 Concen: 2.87 ug/l
 RT: 14.095 min Scan# 3967
 Delta R.T. 0.003 min
 Lab File: VU043360.D
 Acq: 27 Apr 2021 22:09



Tgt Ion: 128 Resp: 819
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.8 16.2#
 129 0.0 8.6 13.0#

