

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041421\
 Data File : VU043101.D
 Acq On : 14 Apr 2021 17:50
 Operator : SY/MD
 Sample : M2002-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 15 02:08:39 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)

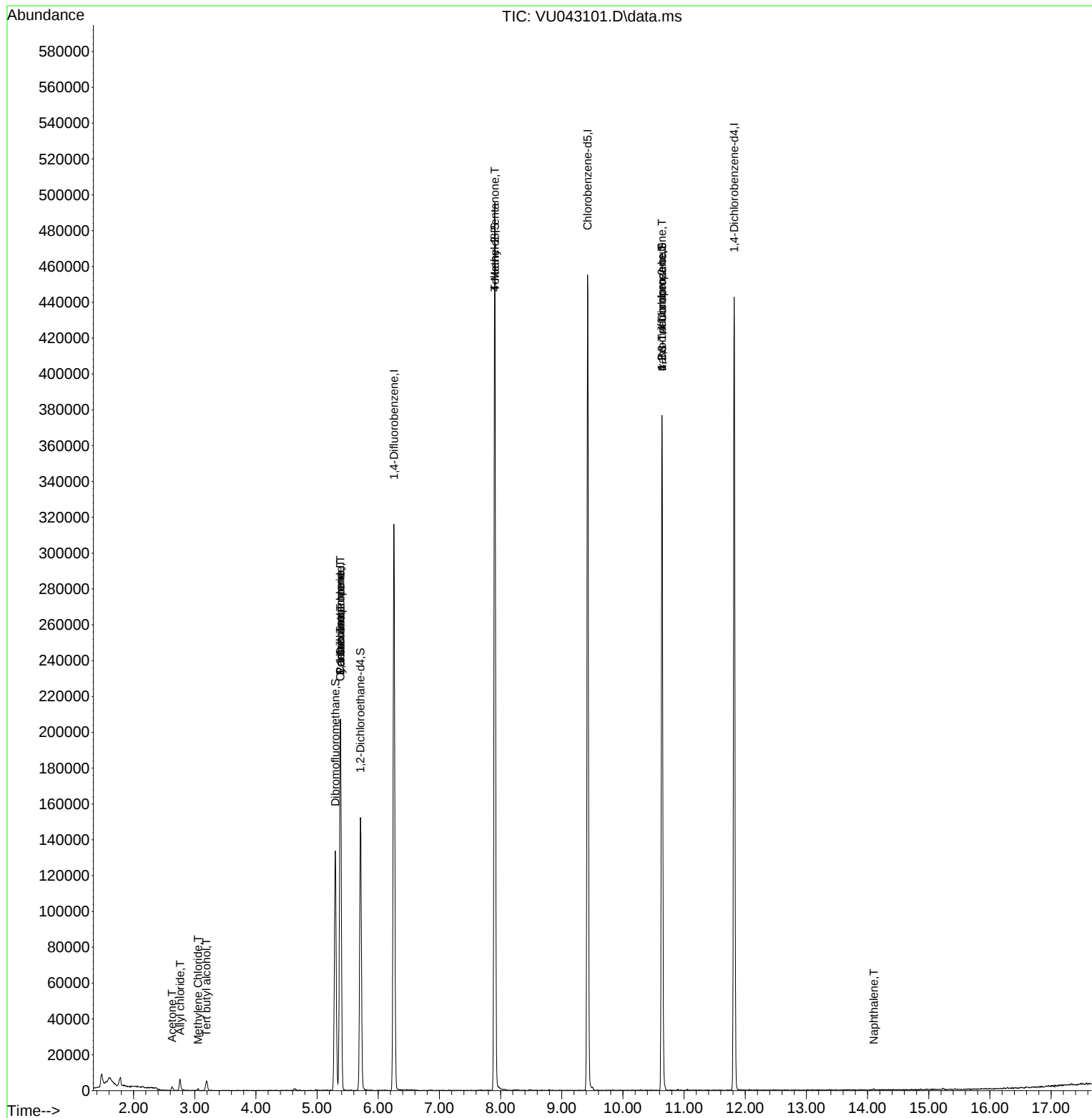
Internal Standards						
1) Pentafluorobenzene	5.382	168	143857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	236290	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	227146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	109461	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	115808	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
35) Dibromofluoromethane	5.298	113	81484	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.78%	
50) Toluene-d8	7.906	98	298999	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
62) 4-Bromofluorobenzene	10.639	95	111999	44.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.04%	
Target Compounds						Qvalue
3) Chloromethane	1.526	50	589	Below Cal	#	41
11) Tert butyl alcohol	3.192	59	3444	5.53	ug/l #	94
14) Allyl chloride	2.761	41	658	0.20	ug/l #	50
16) Acetone	2.629	43	2488	1.45	ug/l	92
20) Methylene Chloride	3.054	84	370	0.22	ug/l #	84
31) Cyclohexane	5.378	56	3649	1.22	ug/l #	28
36) 1,1-Dichloropropene	5.382	75	11679	4.66	ug/l #	51
38) Carbon Tetrachloride	5.382	117	14354	5.34	ug/l #	16
51) 4-Methyl-2-Pentanone	7.906	43	1780	0.39	ug/l #	1
76) 1,2,3-Trichloropropane	10.639	75	64113	20.04	ug/l #	36
81) trans-1,4-Dichloro-2-b...	10.639	75	64113	58.90	ug/l #	7
95) Naphthalene	14.105	128	692	2.82	ug/l #	69

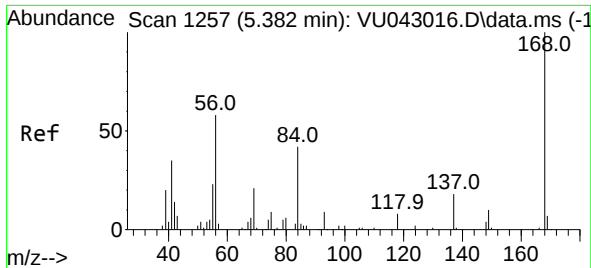
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041421\
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Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 15 02:08:39 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

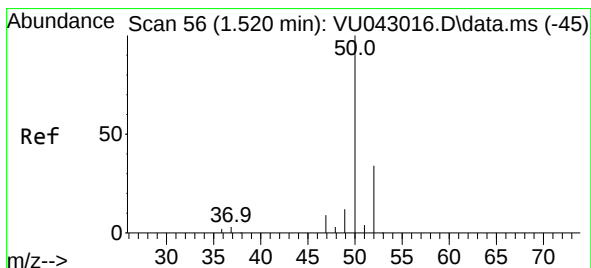
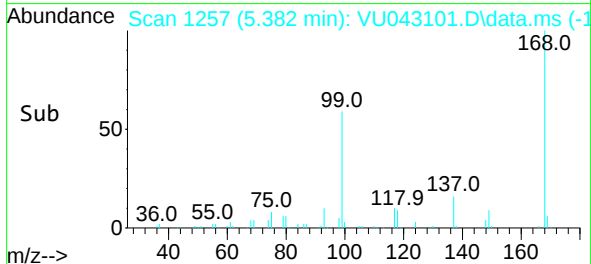
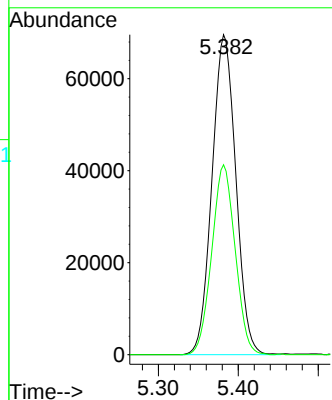
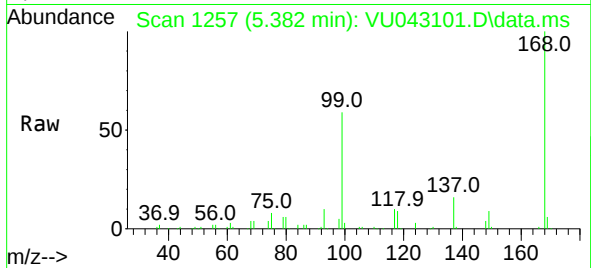




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043101.D
Acq: 14 Apr 2021 17:50

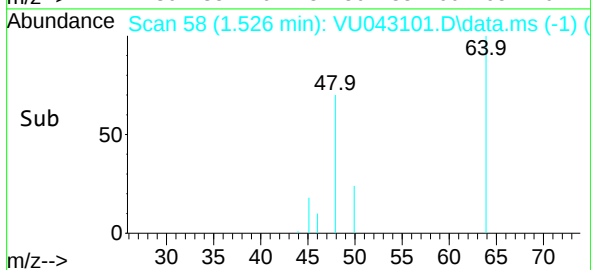
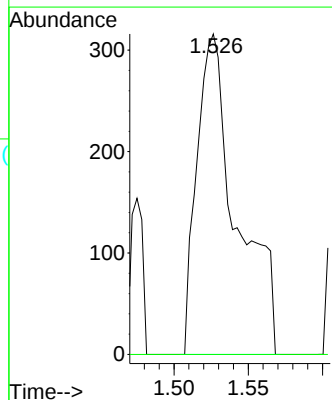
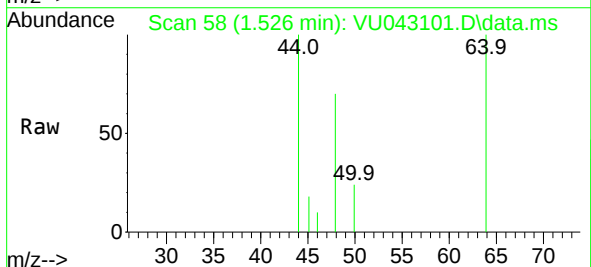
Instrument :
MSVOA_U
ClientSampled :

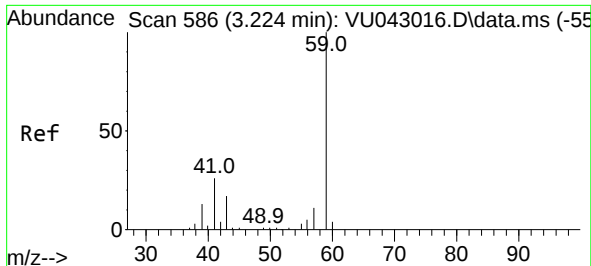
Tgt Ion:168 Resp: 143857
Ion Ratio Lower Upper
168 100
99 59.4 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.526 min Scan# 58
Delta R.T. 0.006 min
Lab File: VU043101.D
Acq: 14 Apr 2021 17:50

Tgt Ion: 50 Resp: 589
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

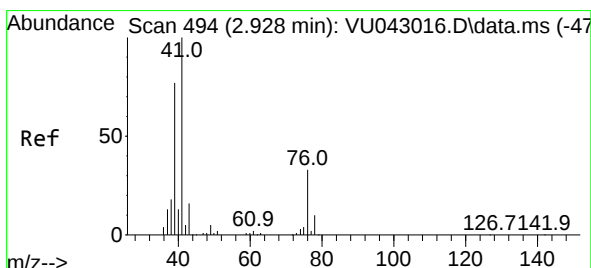
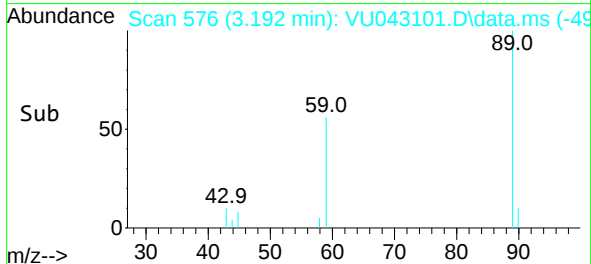
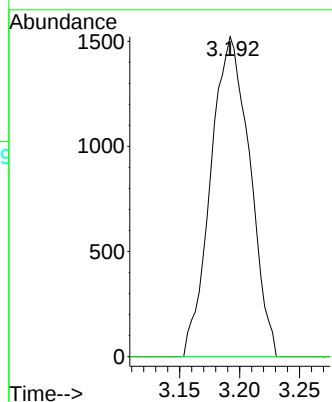
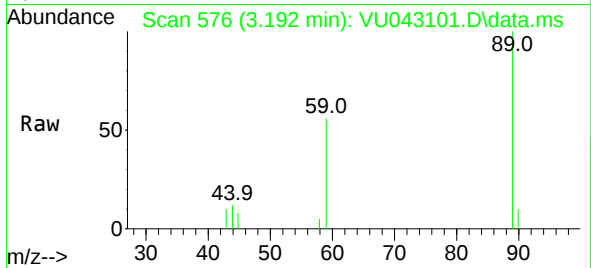




#11
Tert butyl alcohol
Concen: 5.53 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.032 min
Lab File: VU043101.D
Acq: 14 Apr 2021 17:50

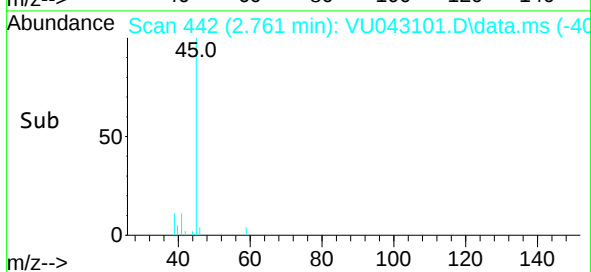
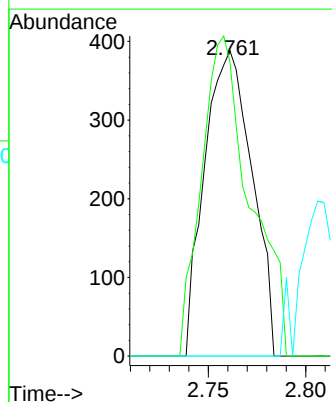
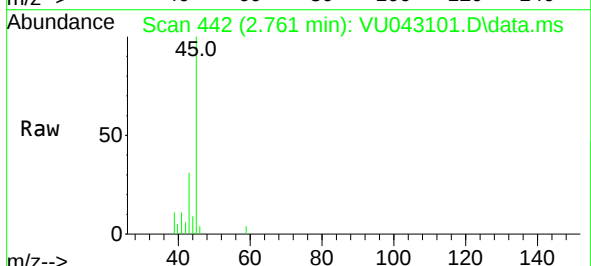
Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 59 Resp: 3444
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#14
Allyl chloride
Concen: 0.20 ug/l
RT: 2.761 min Scan# 442
Delta R.T. -0.167 min
Lab File: VU043101.D
Acq: 14 Apr 2021 17:50

Tgt Ion: 41 Resp: 658
Ion Ratio Lower Upper
41 100
39 107.8 54.9 82.3#
76 0.0 22.5 33.7#

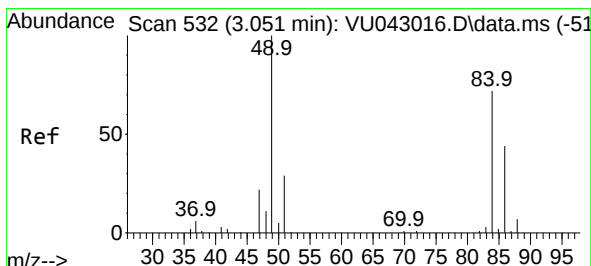
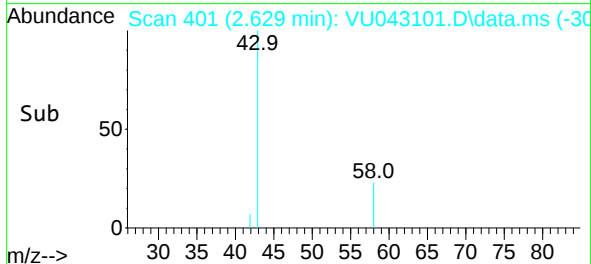
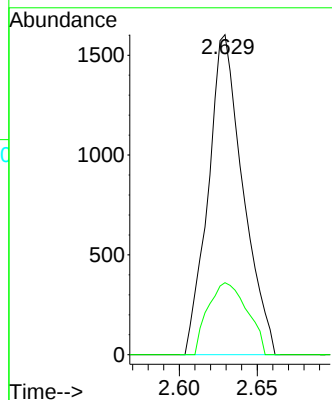
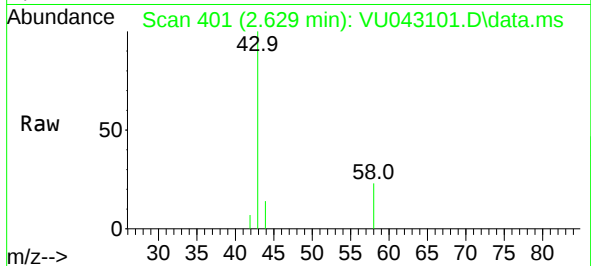




#16
Acetone
Concen: 1.45 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU043101.D
Acq: 14 Apr 2021 17:50

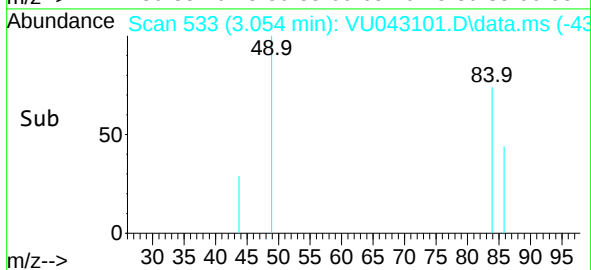
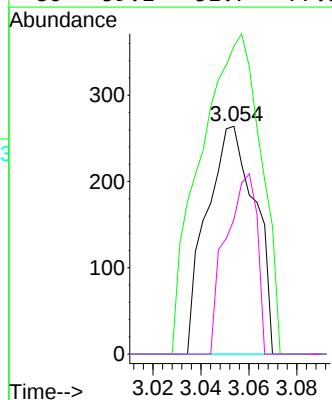
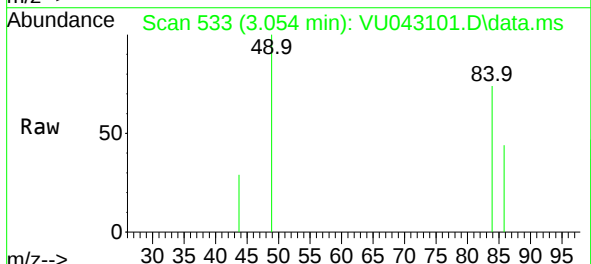
Instrument :
MSVOA_U
ClientSampled :

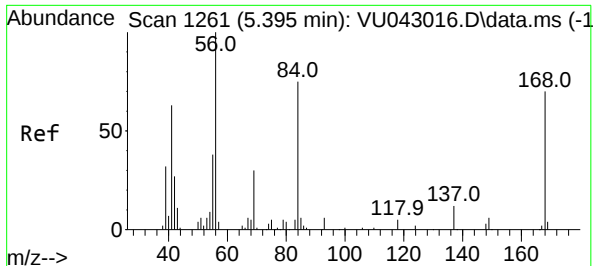
Tgt Ion: 43 Resp: 2488
Ion Ratio Lower Upper
43 100
58 22.5 21.5 32.3



#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU043101.D
Acq: 14 Apr 2021 17:50

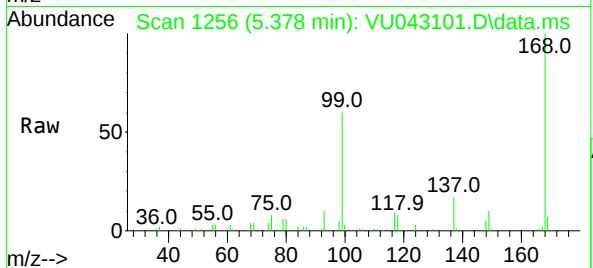
Tgt Ion: 84 Resp: 370
Ion Ratio Lower Upper
84 100
49 135.2 112.6 169.0
51 0.0 33.7 50.5#
86 59.1 51.7 77.5



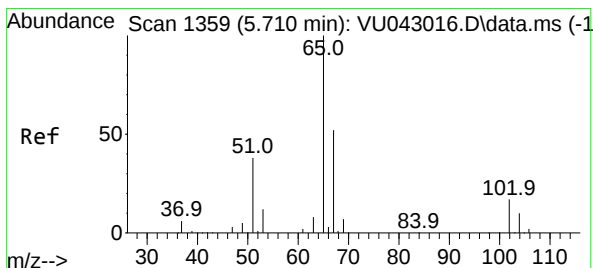
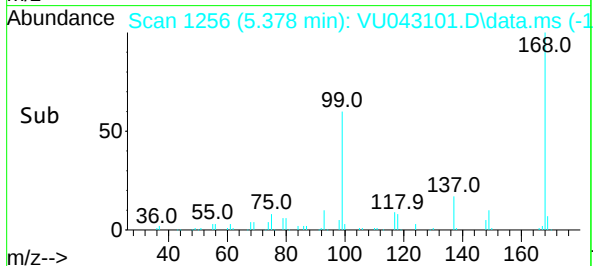
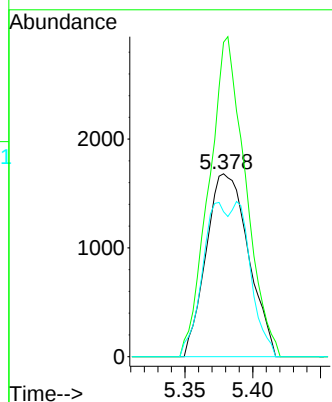


#31
Cyclohexane
Concen: 1.22 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.017 min
Lab File: VU043101.D
Acq: 14 Apr 2021 17:50

Instrument :
MSVOA_U
ClientSampled :

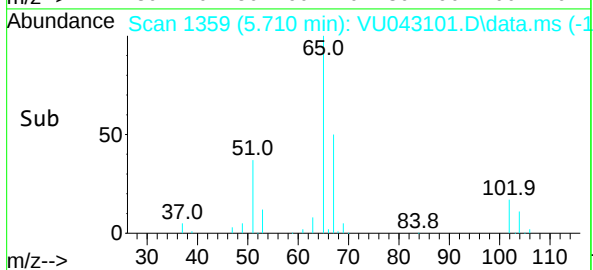
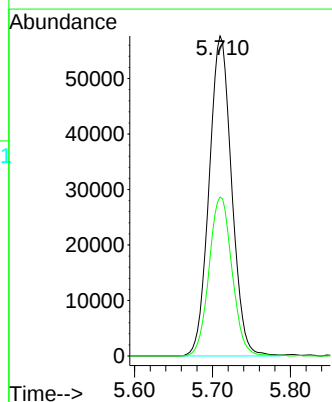
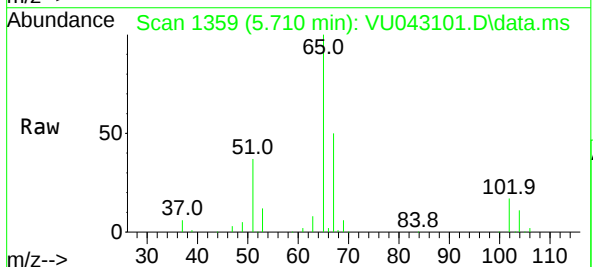


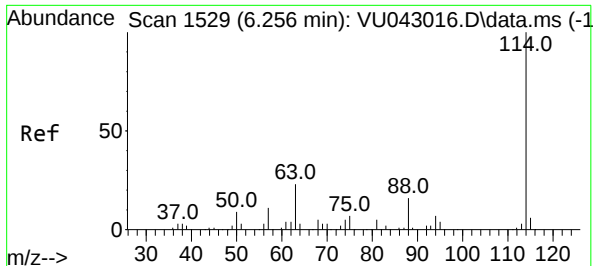
Tgt Ion: 56 Resp: 3649
Ion Ratio Lower Upper
56 100
69 171.8 24.9 37.3#
84 79.3 63.7 95.5



#33
1,2-Dichloroethane-d4
Concen: 47.89 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043101.D
Acq: 14 Apr 2021 17:50

Tgt Ion: 65 Resp: 115808
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.8

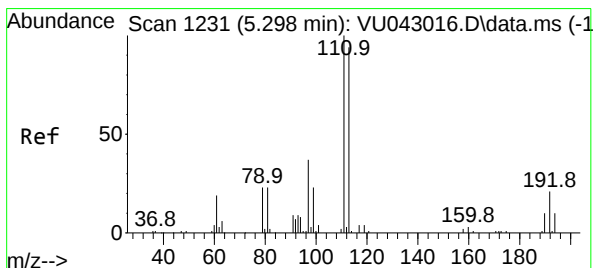
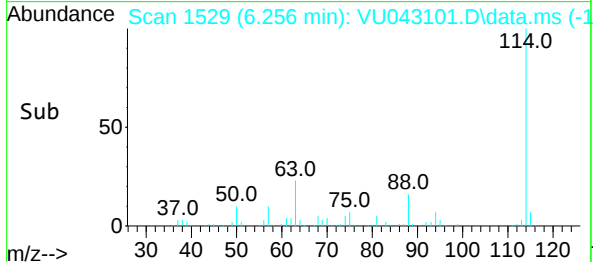
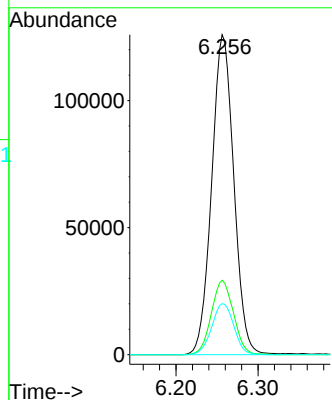
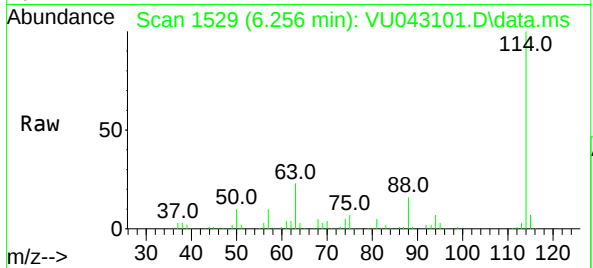




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043101.D
Acq: 14 Apr 2021 17:50

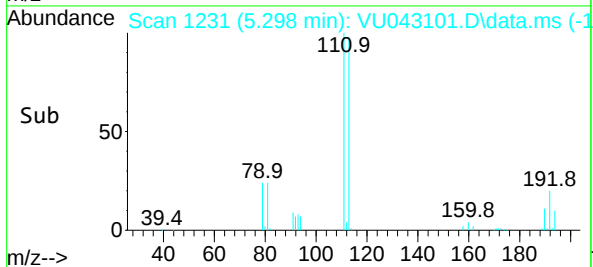
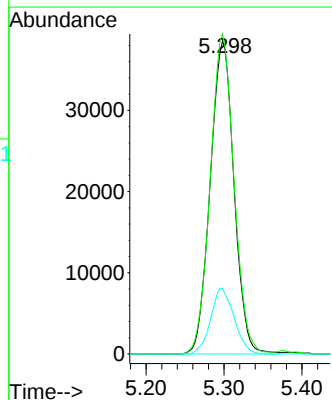
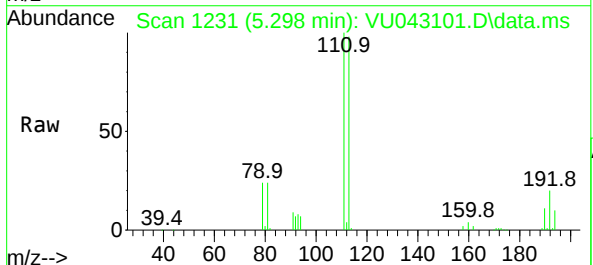
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MSVOA_U
ClientSampleId :

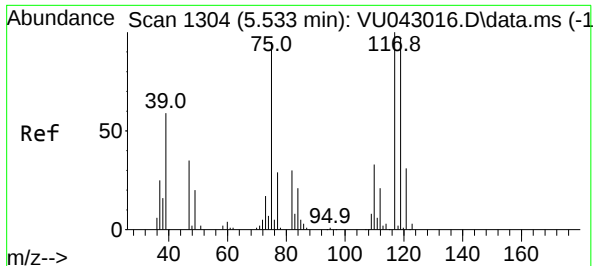
Tgt Ion:114 Resp: 236290
Ion Ratio Lower Upper
114 100
63 23.2 0.0 44.2
88 16.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.89 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043101.D
Acq: 14 Apr 2021 17:50

Tgt Ion:113 Resp: 81484
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.8
192 20.7 17.2 25.8

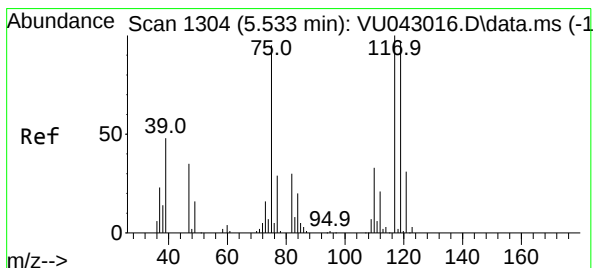
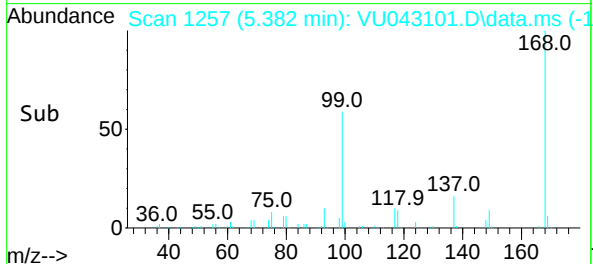
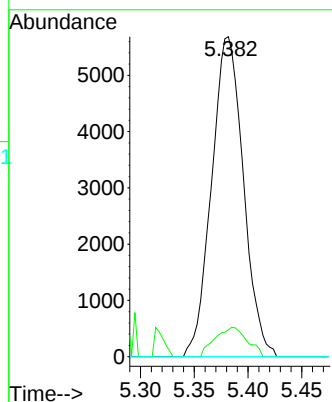
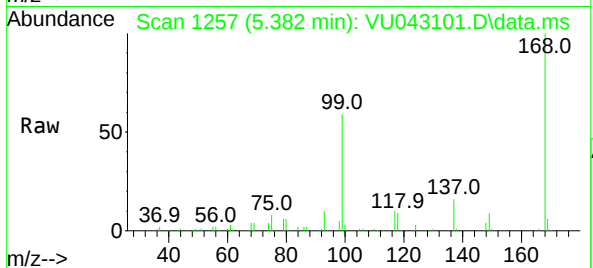




#36
1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043101.D
Acq: 14 Apr 2021 17:50

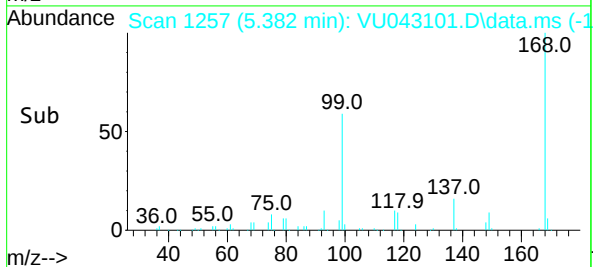
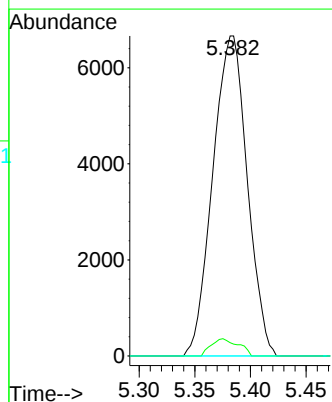
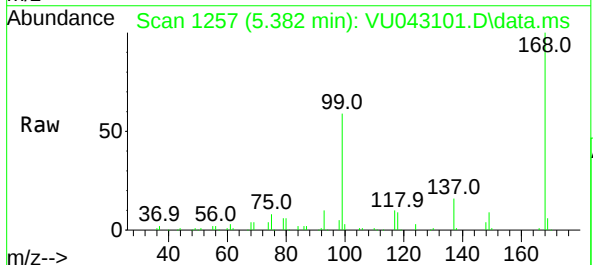
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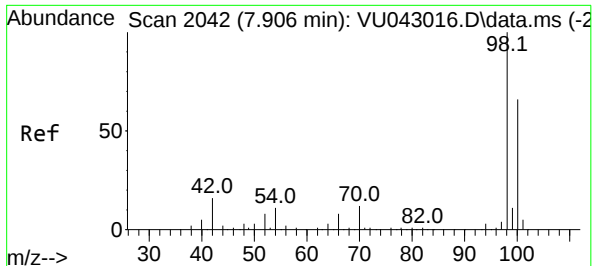
Tgt Ion: 75 Resp: 11679
Ion Ratio Lower Upper
75 100
110 9.3 16.8 50.3#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.34 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043101.D
Acq: 14 Apr 2021 17:50

Tgt Ion: 117 Resp: 14354
Ion Ratio Lower Upper
117 100
119 4.2 75.5 113.3#
121 0.0 24.7 37.1#

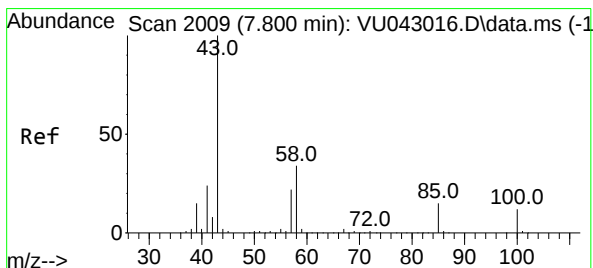
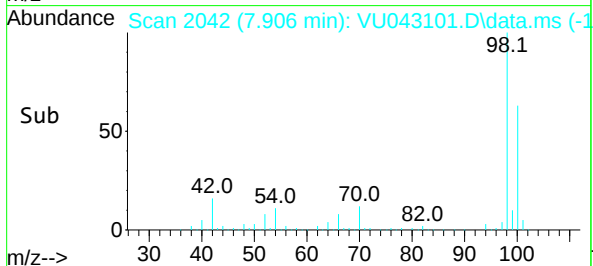
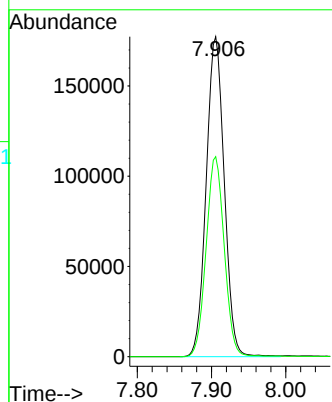
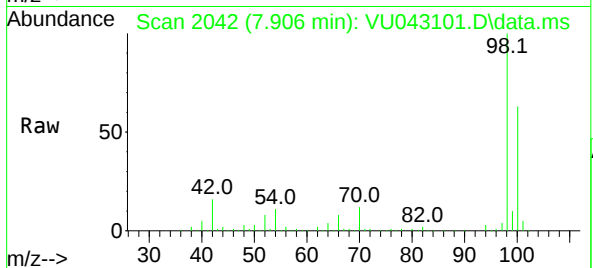




#50
Toluene-d8
Concen: 47.59 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043101.D
Acq: 14 Apr 2021 17:50

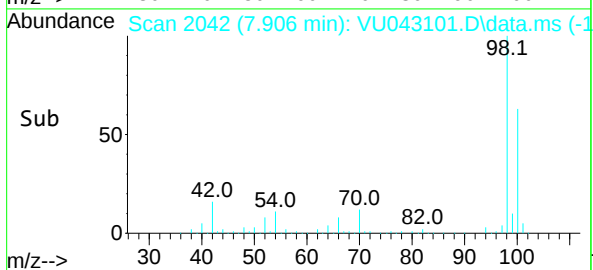
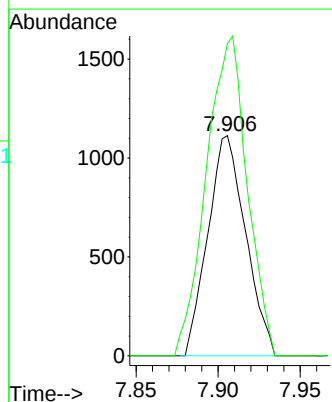
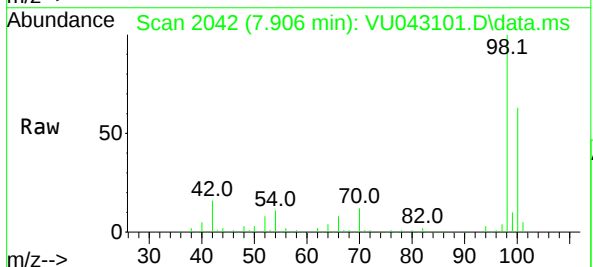
Instrument :
MSVOA_U
ClientSampled :

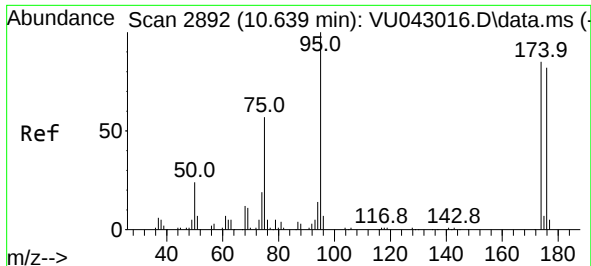
Tgt Ion: 98 Resp: 298999
Ion Ratio Lower Upper
98 100
100 62.6 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 0.39 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.106 min
Lab File: VU043101.D
Acq: 14 Apr 2021 17:50

Tgt Ion: 43 Resp: 1780
Ion Ratio Lower Upper
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58 157.0 28.1 42.1#

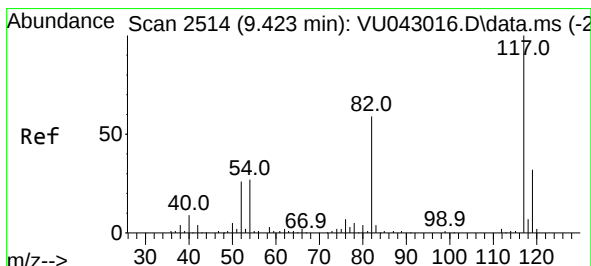
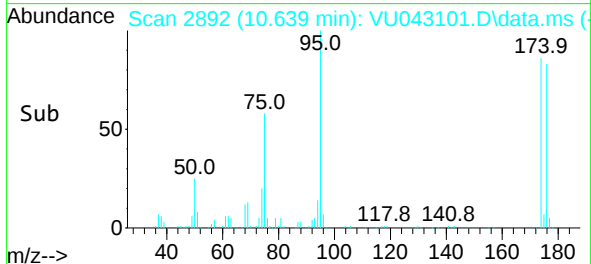
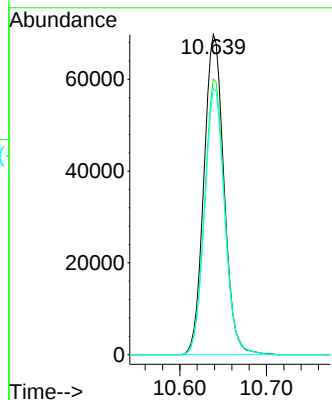
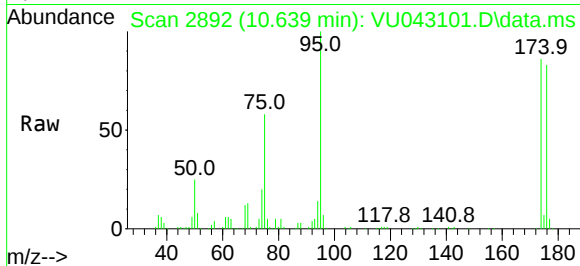




#62
4-Bromofluorobenzene
Concen: 44.52 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043101.D
Acq: 14 Apr 2021 17:50

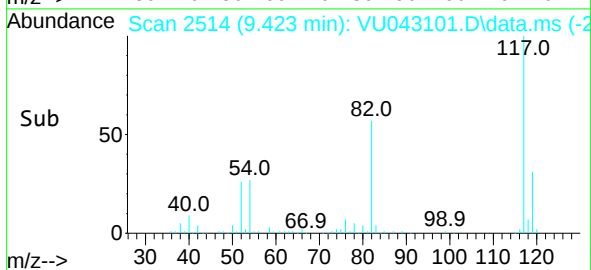
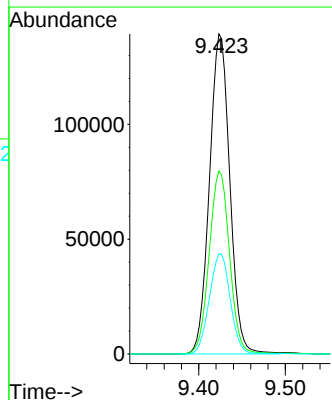
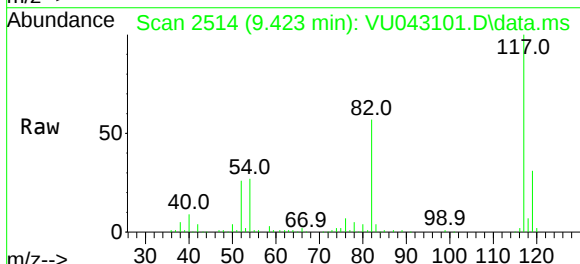
Instrument :
MSVOA_U
ClientSampleId :

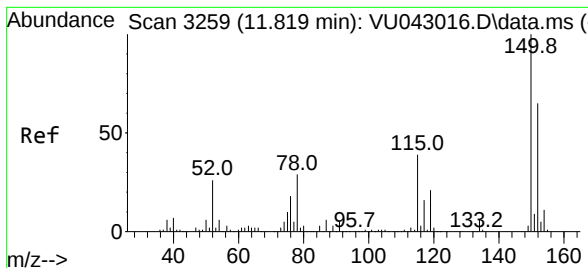
Tgt Ion: 95 Resp: 111999
Ion Ratio Lower Upper
95 100
174 86.7 0.0 172.2
176 83.6 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043101.D
Acq: 14 Apr 2021 17:50

Tgt Ion: 117 Resp: 227146
Ion Ratio Lower Upper
117 100
82 57.2 45.8 68.6
119 31.3 25.8 38.8

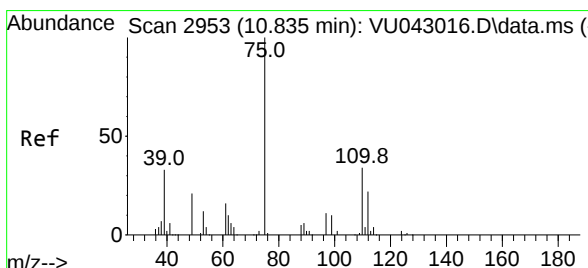
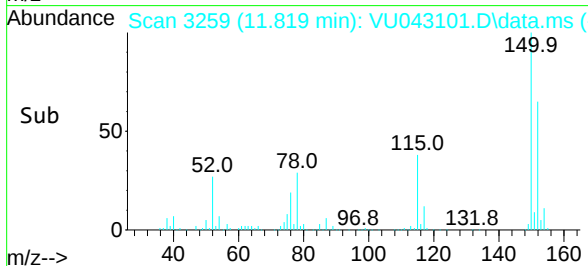
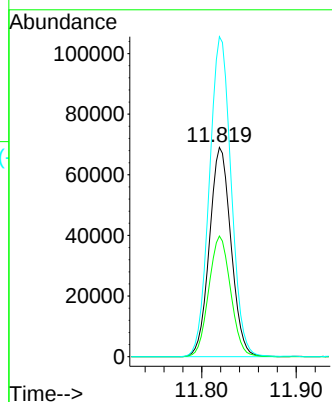
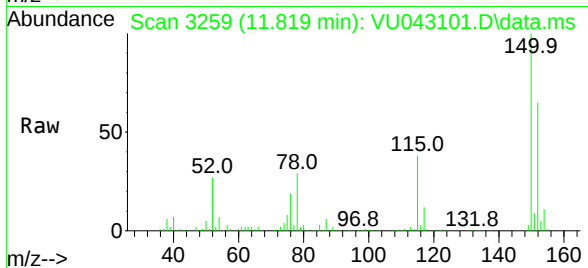




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043101.D
 Acq: 14 Apr 2021 17:50

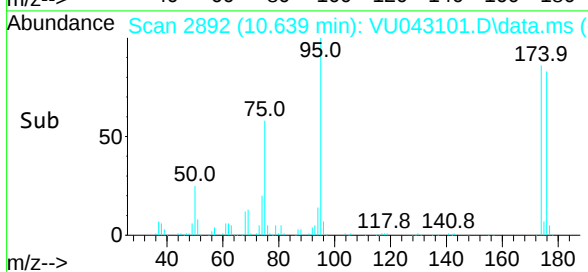
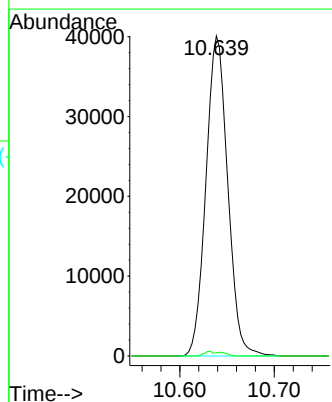
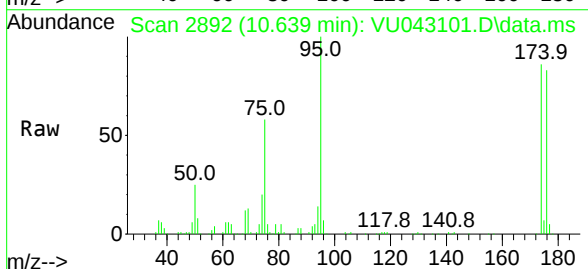
Instrument :
 MSVOA_U
 ClientSampled :

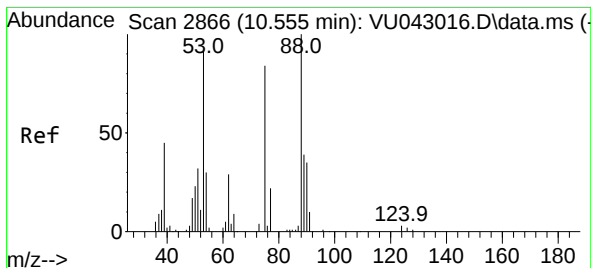
Tgt Ion:152 Resp: 109461
 Ion Ratio Lower Upper
 152 100
 115 58.3 41.5 124.6
 150 154.6 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 20.04 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043101.D
 Acq: 14 Apr 2021 17:50

Tgt Ion: 75 Resp: 64113
 Ion Ratio Lower Upper
 75 100
 77 0.7 20.2 60.5#

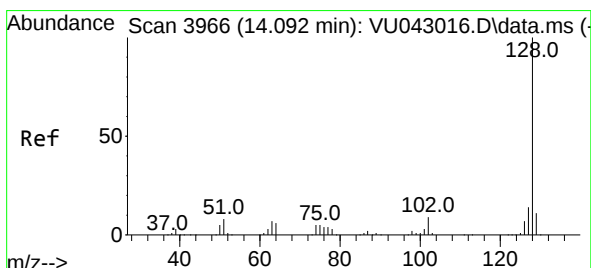
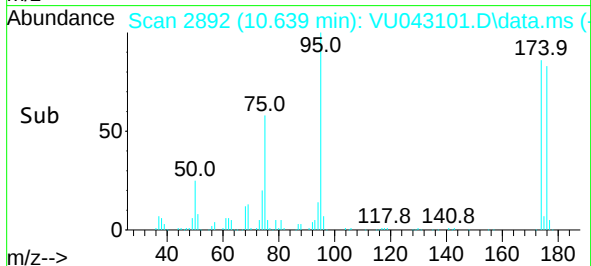
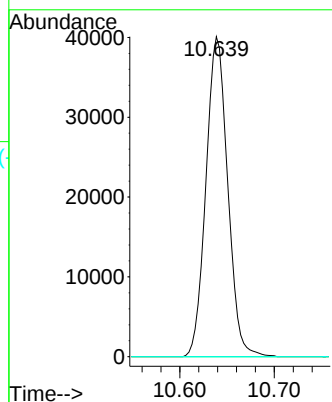
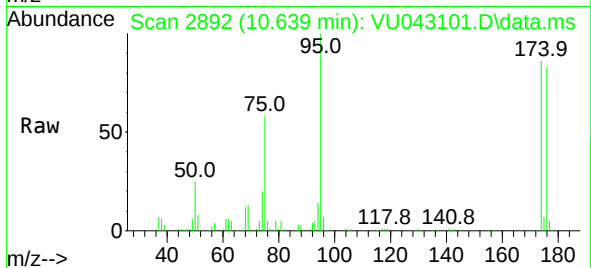




#81
trans-1,4-Dichloro-2-butene
Concen: 58.90 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043101.D
Acq: 14 Apr 2021 17:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 64113
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: 14.105 min Scan# 3970
Delta R.T. 0.013 min
Lab File: VU043101.D
Acq: 14 Apr 2021 17:50

Tgt Ion:128 Resp: 692
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

