

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
 Data File : VU043596.D
 Acq On : 06 May 2021 20:13
 Operator : SY/MD
 Sample : M2307-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-18

Quant Time: May 07 02:08:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 06 07:26:23 2021
 Response via : Initial Calibration

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

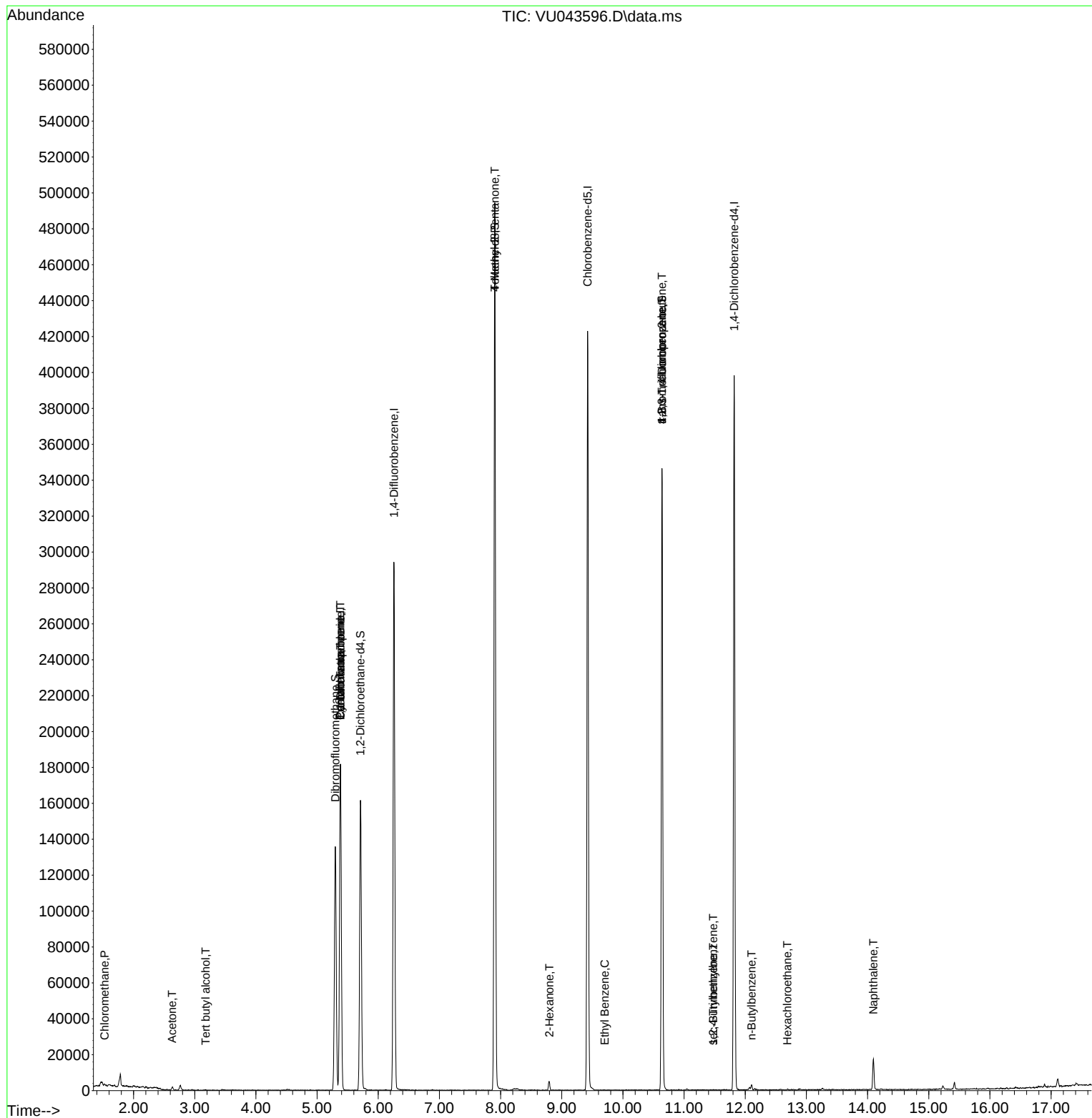
Internal Standards						
1) Pentafluorobenzene	5.382	168	116707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	210411	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	206592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	91944	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	122133	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
35) Dibromofluoromethane	5.298	113	83539	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
50) Toluene-d8	7.906	98	294469	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	10.639	95	103586	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.52%	
Target Compounds						
						Qvalue
3) Chloromethane	1.527	50	558	0.57	ug/l	98
11) Tert butyl alcohol	3.179	59	195	0.31	ug/l #	73
16) Acetone	2.629	43	2022	1.54	ug/l	94
31) Cyclohexane	5.382	56	3358	1.19	ug/l #	29
36) 1,1-Dichloropropene	5.382	75	10970	4.59	ug/l #	50
38) Carbon Tetrachloride	5.382	117	12221	5.05	ug/l #	17
51) 4-Methyl-2-Pentanone	7.906	43	1898	19.55	ug/l #	1
59) 2-Hexanone	8.796	43	839	20.91	ug/l #	42
67) Ethyl Benzene	9.703	91	129	1.46	ug/l #	45
76) 1,2,3-Trichloropropane	10.639	75	60215	20.60	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.639	75	60215	67.08	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.478	105	131	1.13	ug/l #	33
85) sec-Butylbenzene	11.478	105	131	1.35	ug/l #	59
89) n-Butylbenzene	12.102	91	122	2.55	ug/l #	35
90) Hexachloroethane	12.687	117	420	0.46	ug/l #	11
95) Naphthalene	14.095	128	13692	3.23	ug/l	98

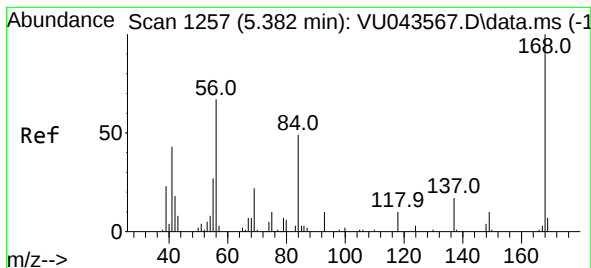
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 06 07:26:23 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: VU043596.D

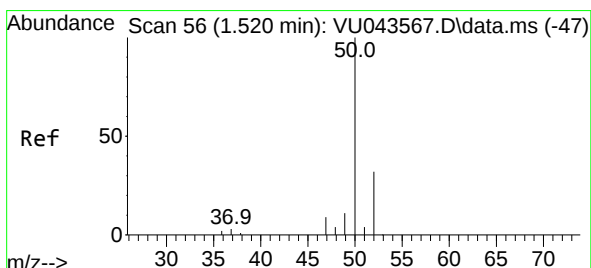
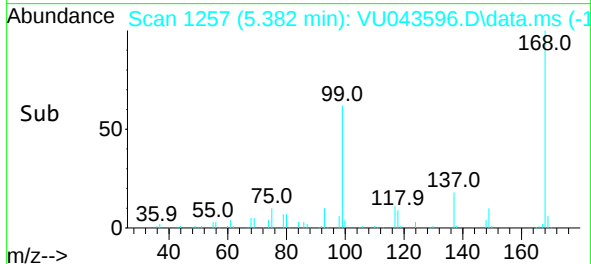
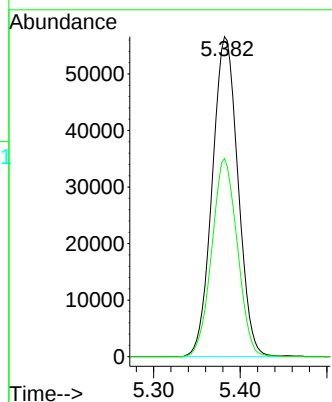
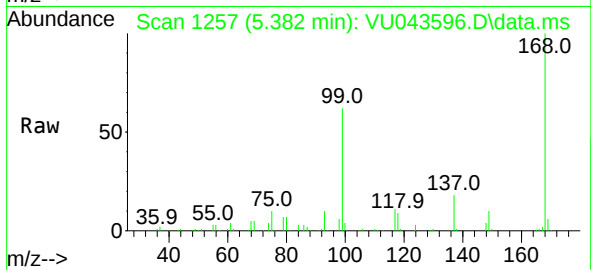
Acq: 06 May 2021 20:13

Tgt Ion:168 Resp: 116707

Ion Ratio Lower Upper

168 100

99 61.9 49.0 73.6



#3

Chloromethane

Concen: 0.57 ug/l

RT: 1.527 min Scan# 58

Delta R.T. 0.007 min

Lab File: VU043596.D

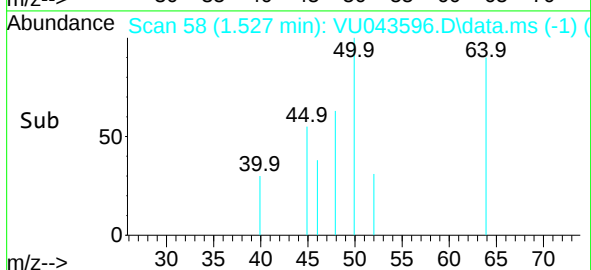
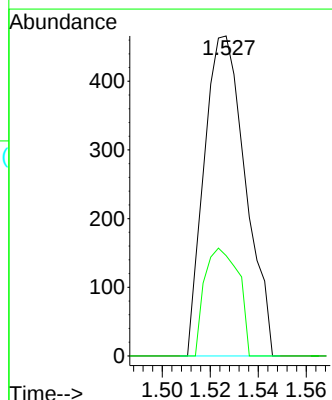
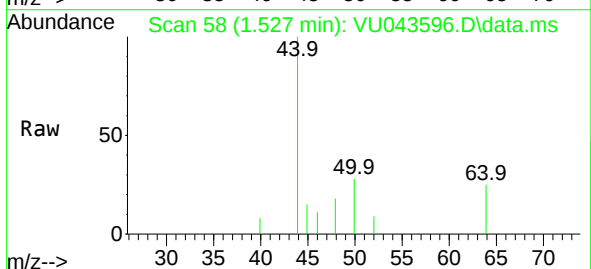
Acq: 06 May 2021 20:13

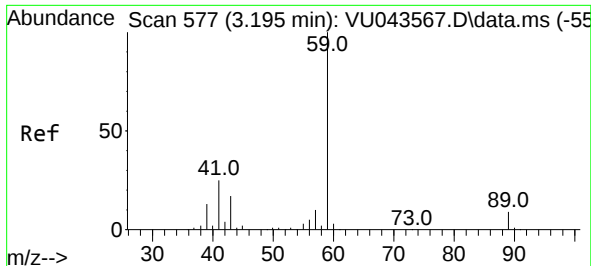
Tgt Ion: 50 Resp: 558

Ion Ratio Lower Upper

50 100

52 31.3 25.9 38.9

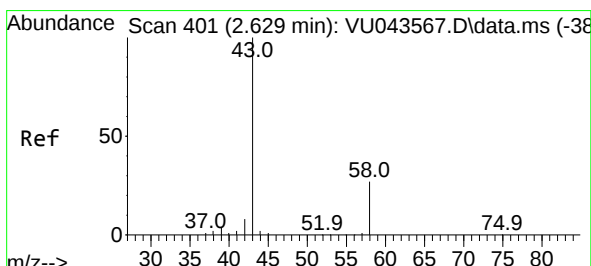
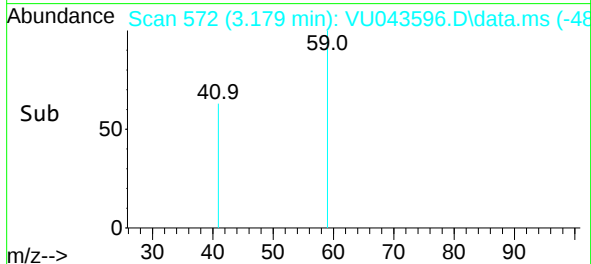
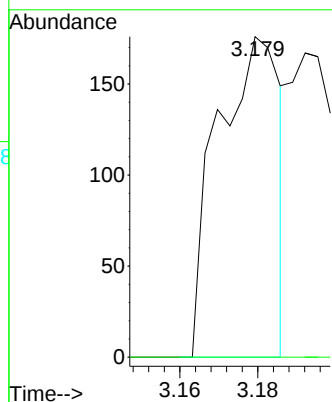
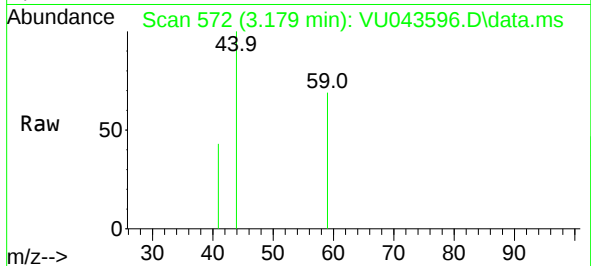




#11
Tert butyl alcohol
Concen: 0.31 ug/l
RT: 3.179 min Scan# 572
Delta R.T. -0.016 min
Lab File: VU043596.D
Acq: 06 May 2021 20:13

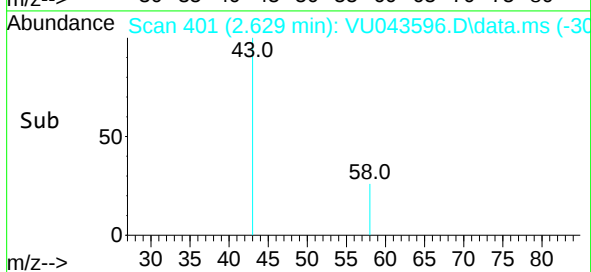
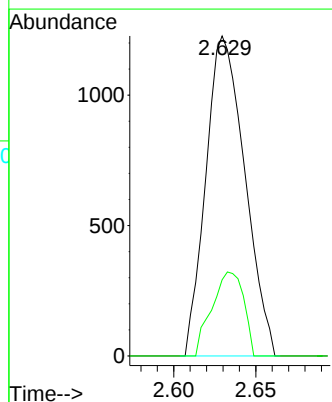
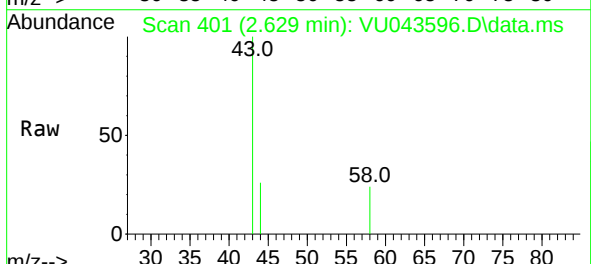
Instrument :
MSVOA_U
ClientSampled :
MW-18

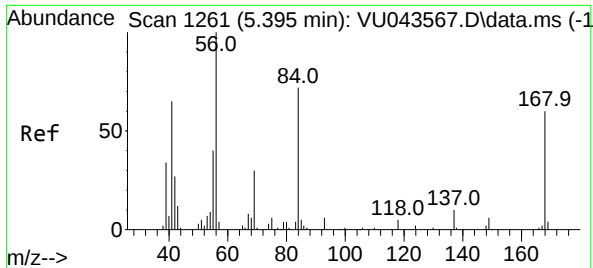
Tgt Ion: 59 Resp: 195
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#16
Acetone
Concen: 1.54 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU043596.D
Acq: 06 May 2021 20:13

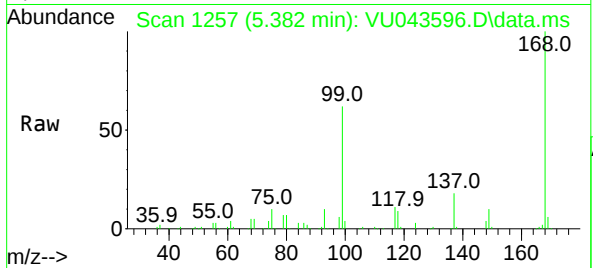
Tgt Ion: 43 Resp: 2022
Ion Ratio Lower Upper
43 100
58 23.8 21.7 32.5



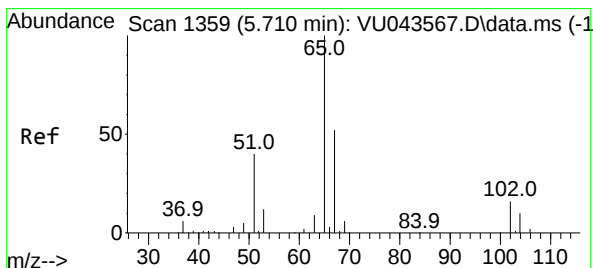
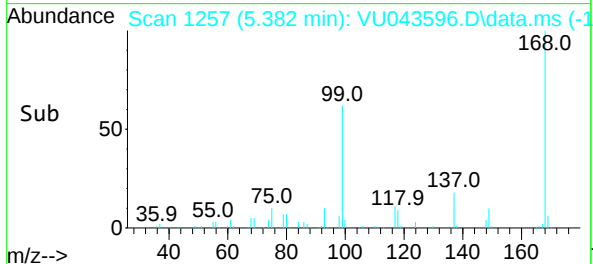
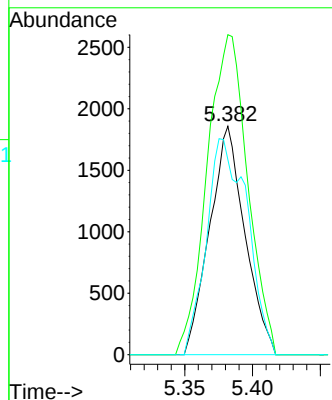


#31
Cyclohexane
Concen: 1.19 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043596.D
Acq: 06 May 2021 20:13

Instrument :
MSVOA_U
ClientSampled :
MW-18

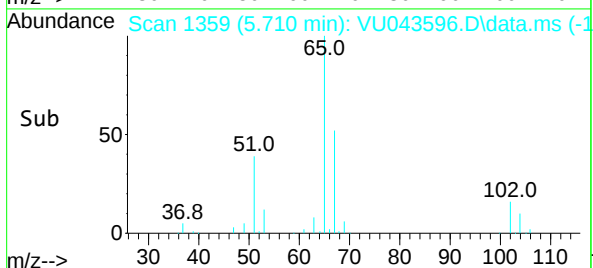
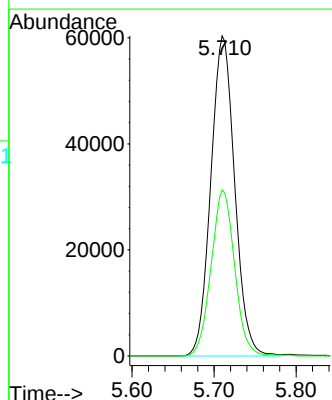
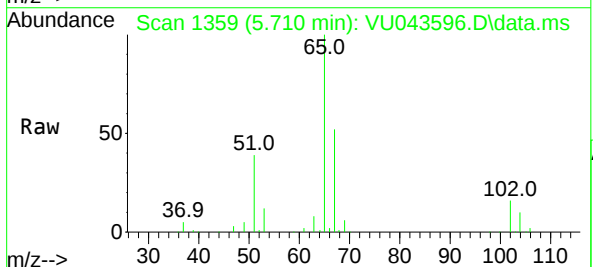


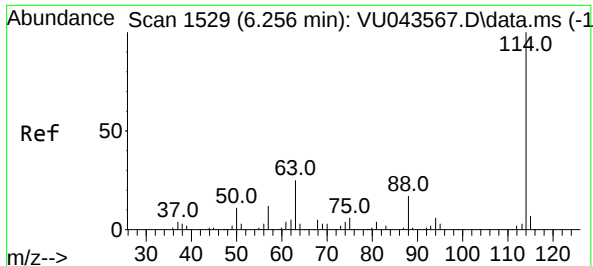
Tgt Ion: 56 Resp: 3358
Ion Ratio Lower Upper
56 100
69 140.0 23.9 35.9#
84 85.4 57.7 86.5



#33
1,2-Dichloroethane-d4
Concen: 51.70 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VU043596.D
Acq: 06 May 2021 20:13

Tgt Ion: 65 Resp: 122133
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.6

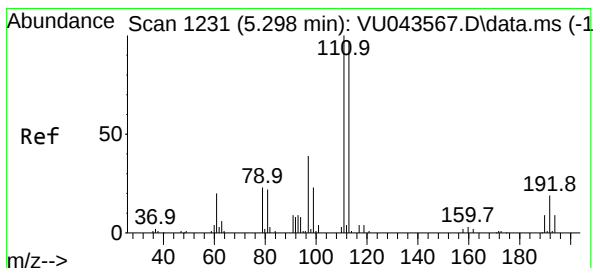
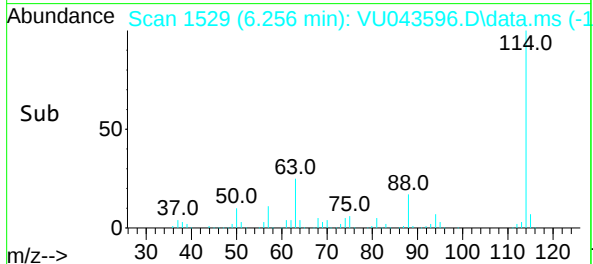
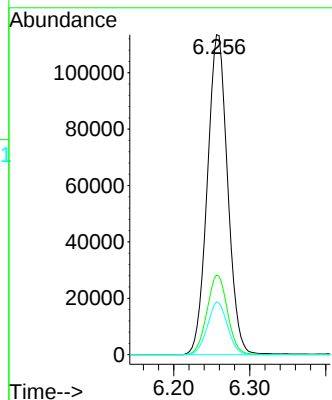
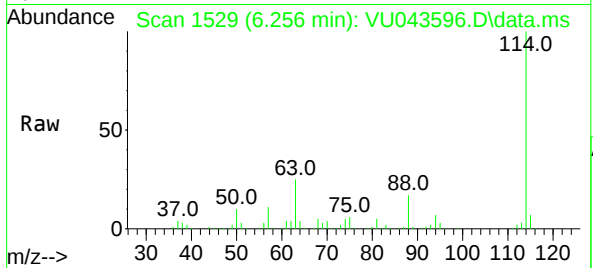




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043596.D
Acq: 06 May 2021 20:13

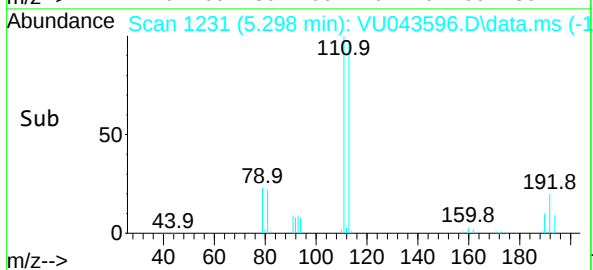
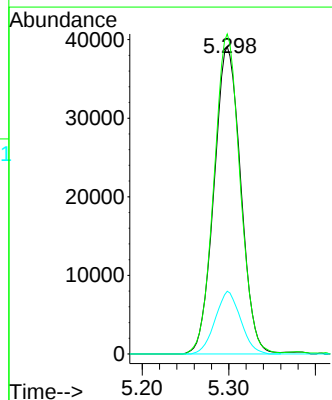
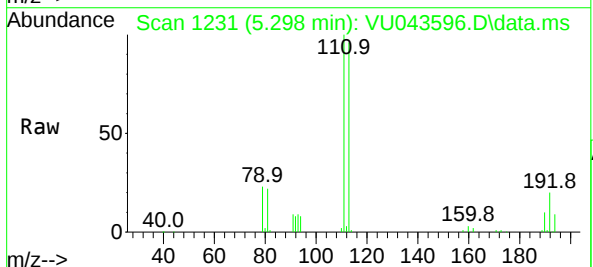
Instrument :
MSVOA_U
ClientSampled :
MW-18

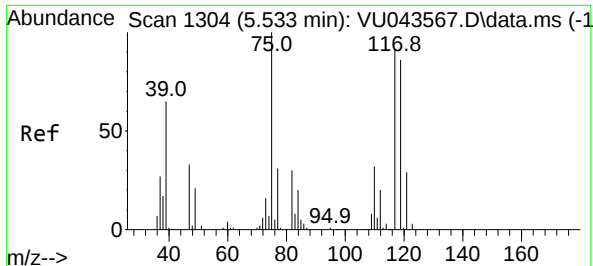
Tgt Ion:114 Resp: 210411
Ion Ratio Lower Upper
114 100
63 24.9 0.0 50.2
88 16.5 0.0 33.8



#35
Dibromofluoromethane
Concen: 49.78 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043596.D
Acq: 06 May 2021 20:13

Tgt Ion:113 Resp: 83539
Ion Ratio Lower Upper
113 100
111 101.9 82.3 123.5
192 19.5 15.8 23.6

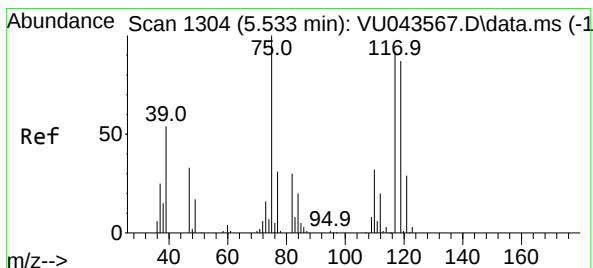
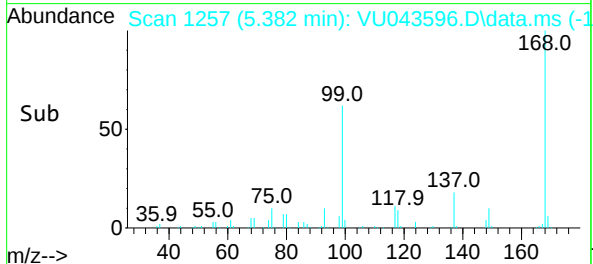
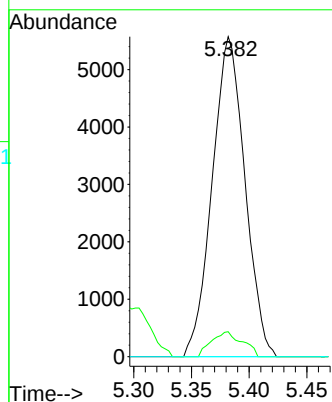
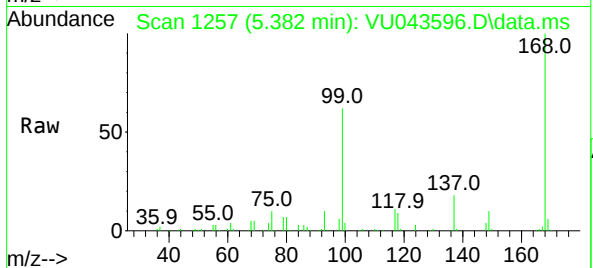




#36
1,1-Dichloropropene
Concen: 4.59 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043596.D
Acq: 06 May 2021 20:13

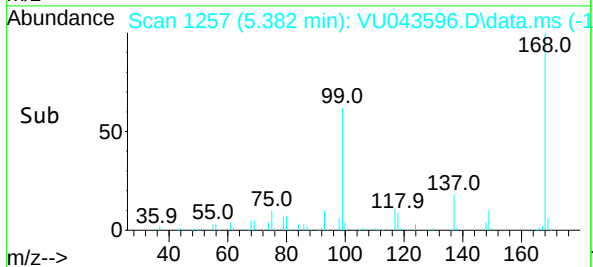
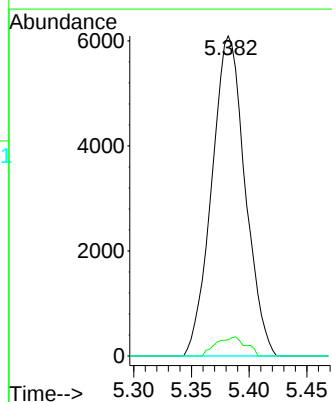
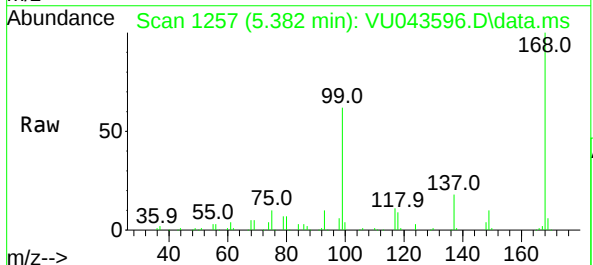
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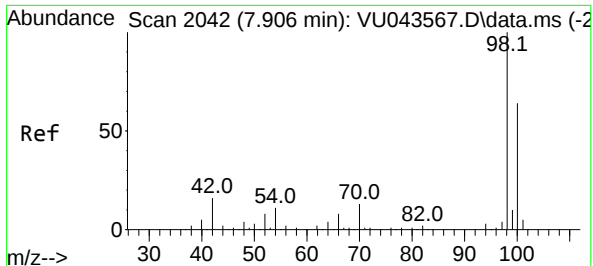
Tgt Ion: 75 Resp: 10970
Ion Ratio Lower Upper
75 100
110 7.4 16.2 48.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.05 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043596.D
Acq: 06 May 2021 20:13

Tgt Ion: 117 Resp: 12221
Ion Ratio Lower Upper
117 100
119 5.1 75.4 113.0#
121 0.0 25.2 37.8#

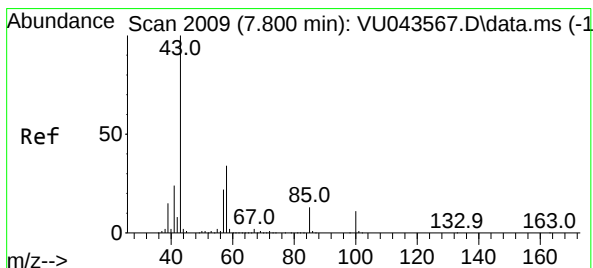
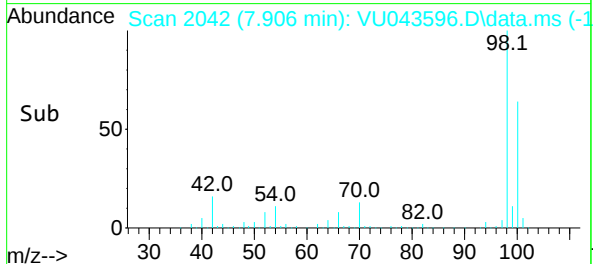
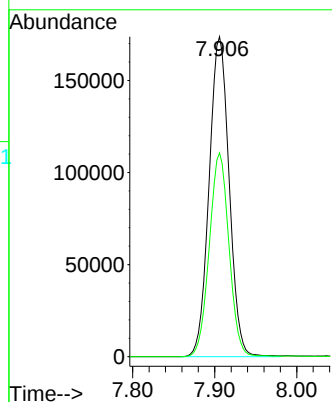
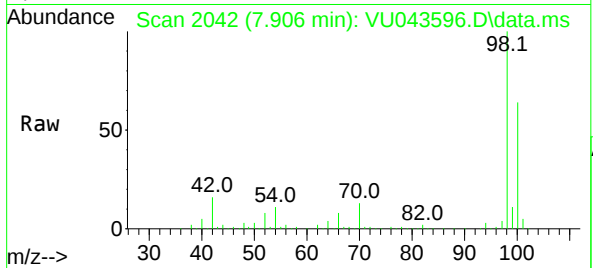




#50
Toluene-d8
Concen: 49.49 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU043596.D
Acq: 06 May 2021 20:13

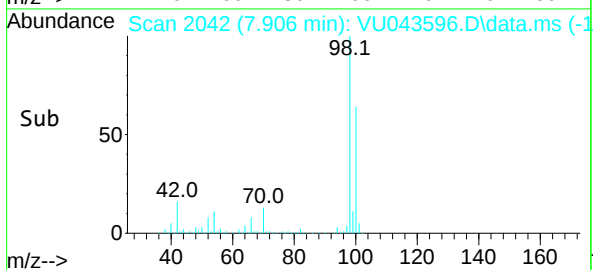
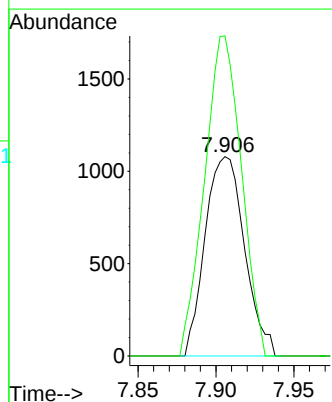
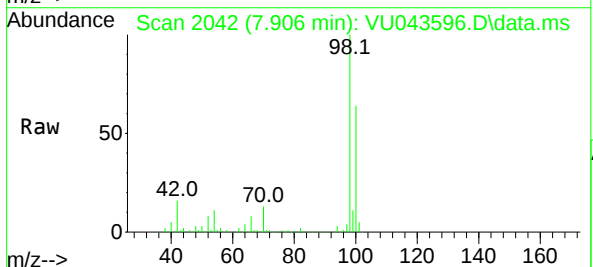
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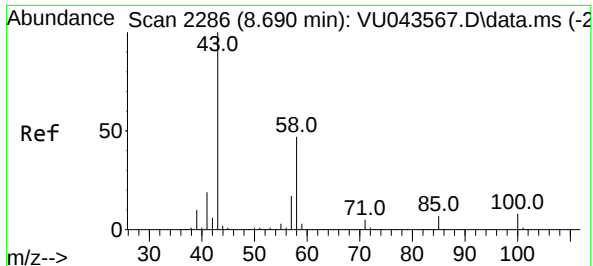
Tgt Ion: 98 Resp: 294469
Ion Ratio Lower Upper
98 100
100 62.7 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 19.55 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.106 min
Lab File: VU043596.D
Acq: 06 May 2021 20:13

Tgt Ion: 43 Resp: 1898
Ion Ratio Lower Upper
43 100
58 150.2 27.2 40.8#

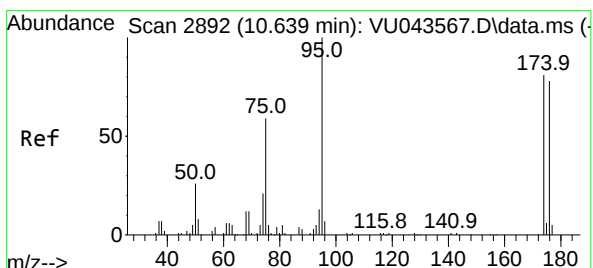
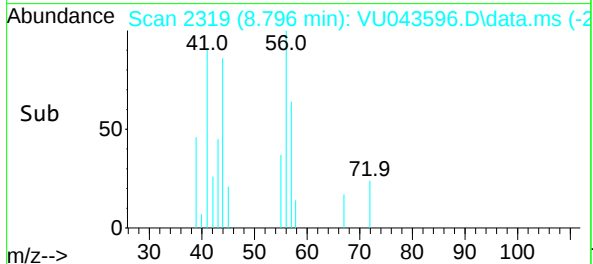
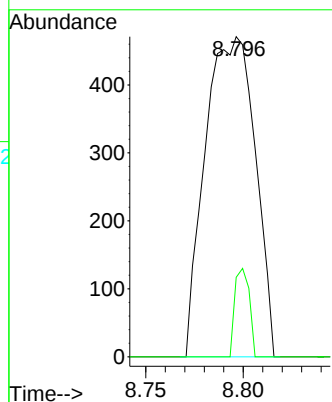
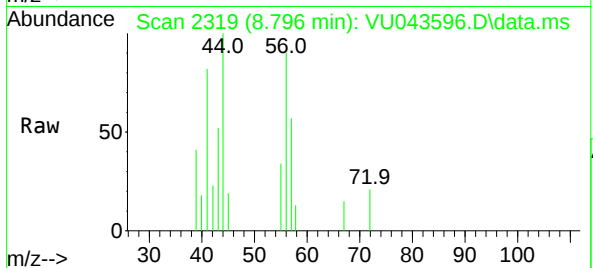




#59
2-Hexanone
Concen: 20.91 ug/l
RT: 8.796 min Scan# 2319
Delta R.T. 0.106 min
Lab File: VU043596.D
Acq: 06 May 2021 20:13

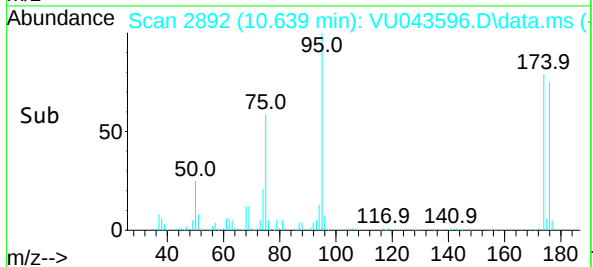
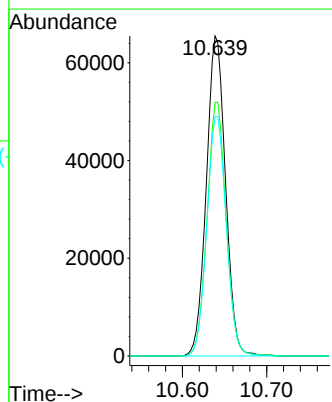
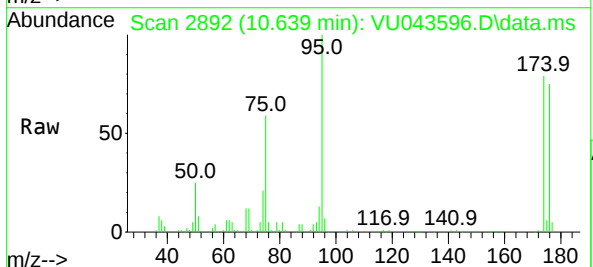
Instrument :
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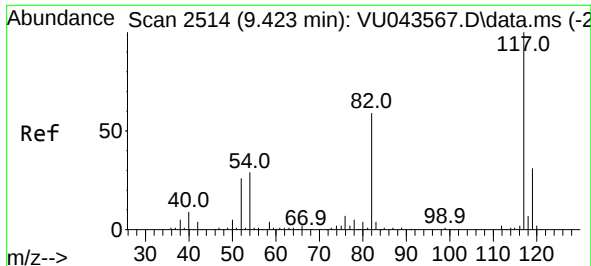
Tgt Ion: 43 Resp: 839
Ion Ratio Lower Upper
43 100
58 8.0 23.4 70.2#



#62
4-Bromofluorobenzene
Concen: 45.76 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043596.D
Acq: 06 May 2021 20:13

Tgt Ion: 95 Resp: 103586
Ion Ratio Lower Upper
95 100
174 79.2 0.0 158.8
176 76.1 0.0 155.6

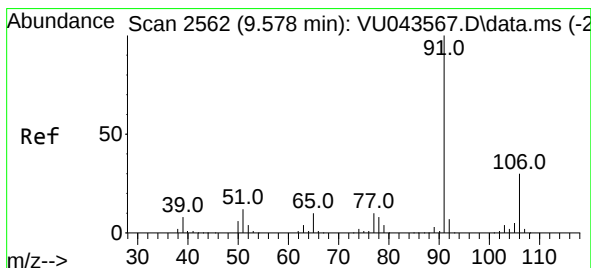
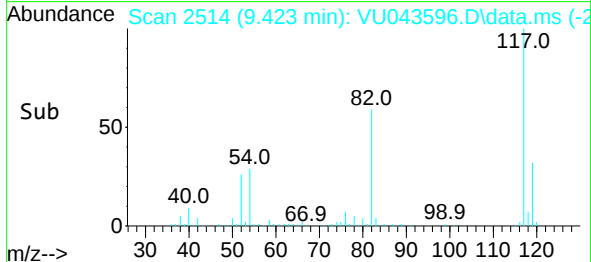
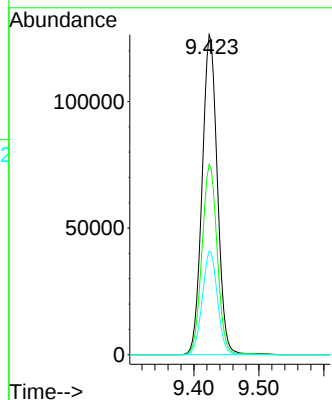
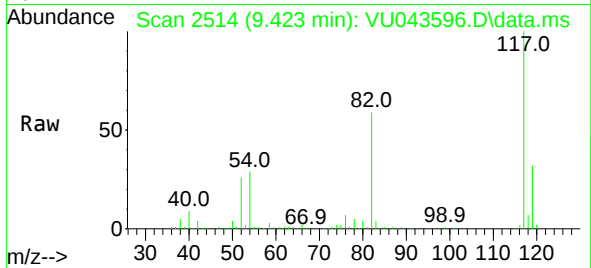




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043596.D
Acq: 06 May 2021 20:13

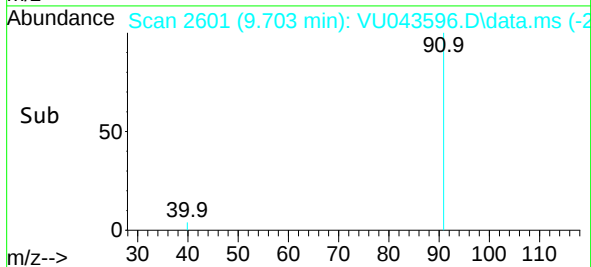
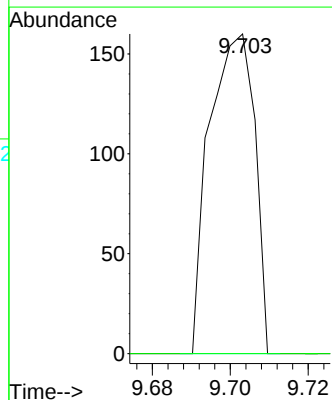
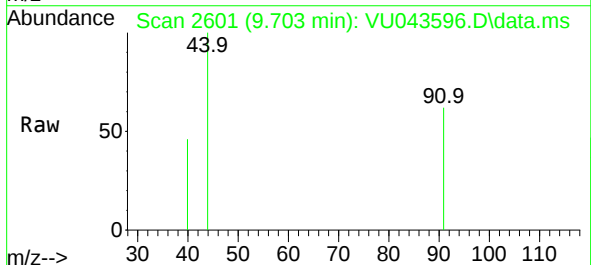
Instrument :
MSVOA_U
ClientSampled :
MW-18

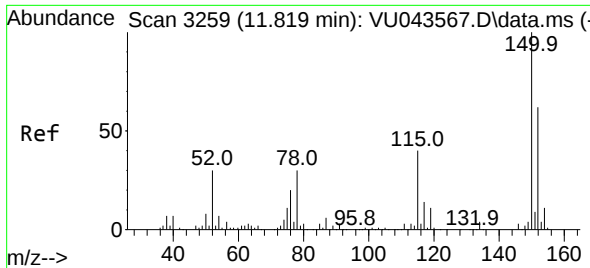
Tgt Ion:117 Resp: 206592
Ion Ratio Lower Upper
117 100
82 59.4 47.5 71.3
119 32.4 24.7 37.1



#67
Ethyl Benzene
Concen: 1.46 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.125 min
Lab File: VU043596.D
Acq: 06 May 2021 20:13

Tgt Ion: 91 Resp: 129
Ion Ratio Lower Upper
91 100
106 0.0 24.0 36.0#

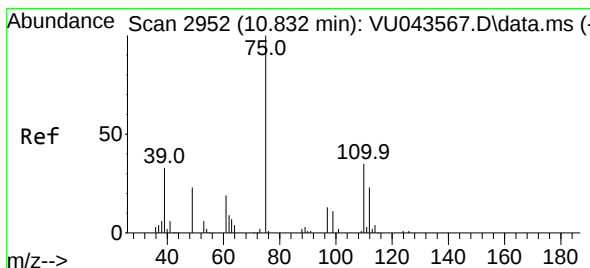
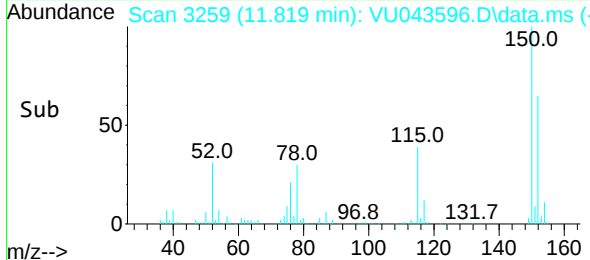
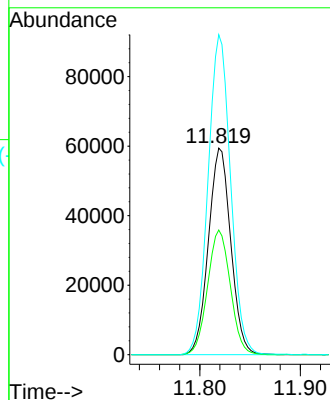
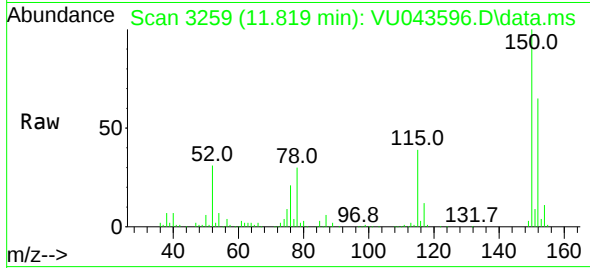




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.000 min
 Lab File: VU043596.D
 Acq: 06 May 2021 20:13

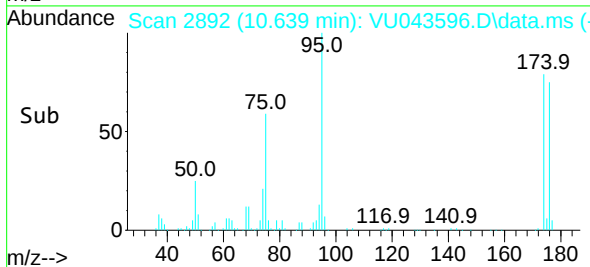
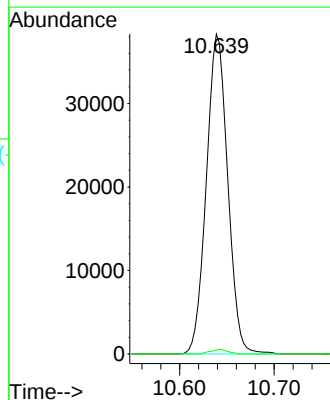
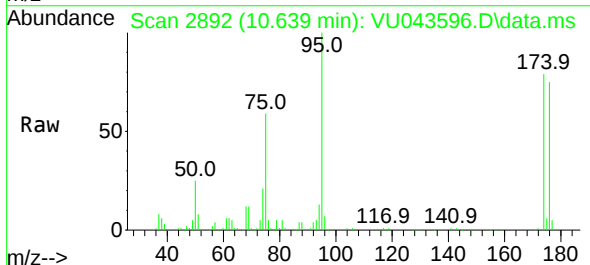
Instrument :
 MSVOA_U
 ClientSampled :
 MW-18

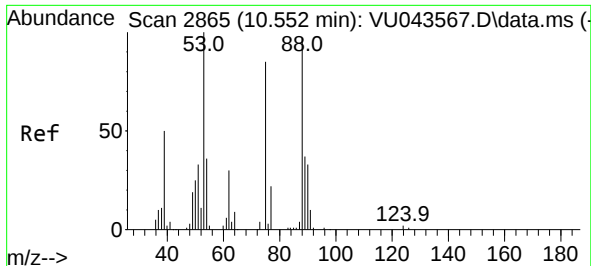
Tgt Ion:152 Resp: 91944
 Ion Ratio Lower Upper
 152 100
 115 61.2 46.1 138.3
 150 155.9 0.0 361.0



#76
 1,2,3-Trichloropropane
 Concen: 20.60 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU043596.D
 Acq: 06 May 2021 20:13

Tgt Ion: 75 Resp: 60215
 Ion Ratio Lower Upper
 75 100
 77 1.1 17.1 51.3#

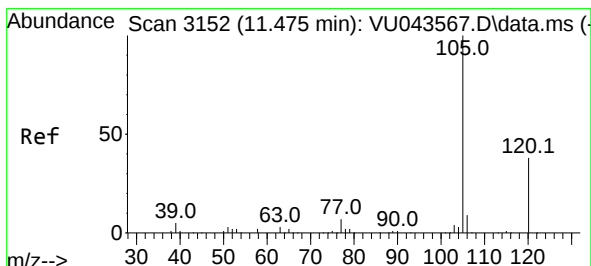
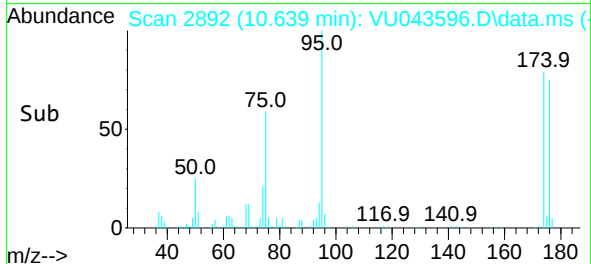
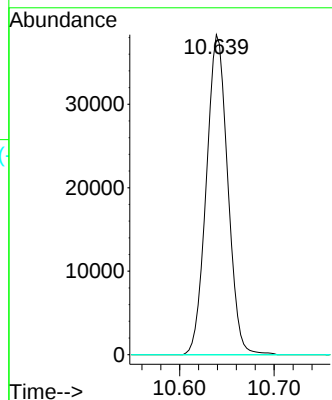
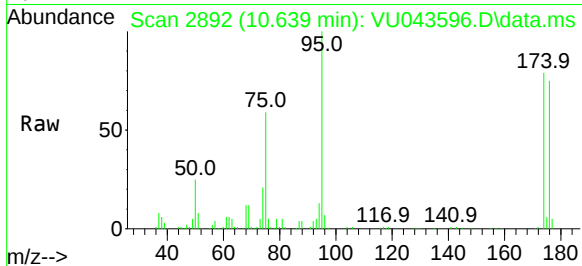




#81
trans-1,4-Dichloro-2-butene
Concen: 67.08 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU043596.D
Acq: 06 May 2021 20:13

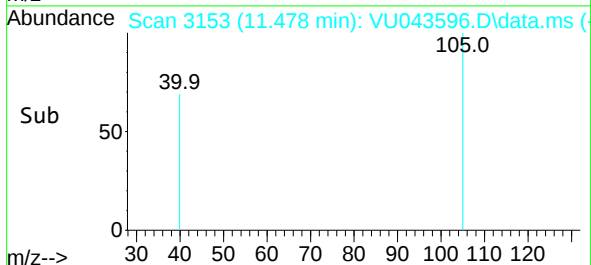
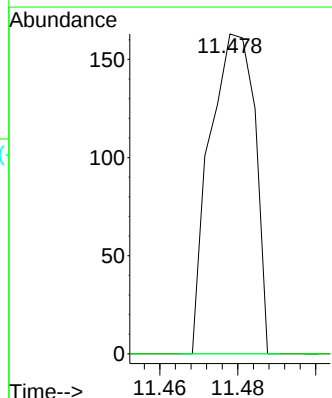
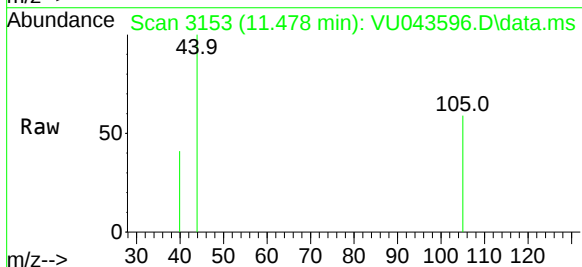
Instrument :
MSVOA_U
ClientSampled :
MW-18

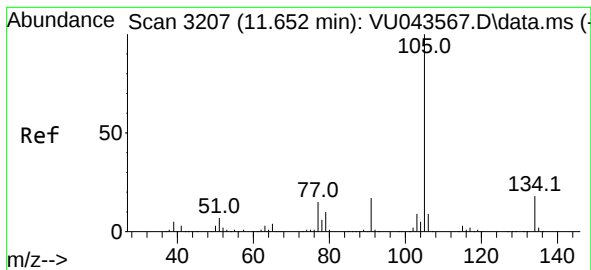
Tgt Ion: 75 Resp: 60215
Ion Ratio Lower Upper
75 100
53 0.0 95.8 143.8#
89 0.0 36.1 54.1#



#84
1,2,4-Trimethylbenzene
Concen: 1.13 ug/l
RT: 11.478 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VU043596.D
Acq: 06 May 2021 20:13

Tgt Ion: 105 Resp: 131
Ion Ratio Lower Upper
105 100
120 0.0 21.4 64.2#

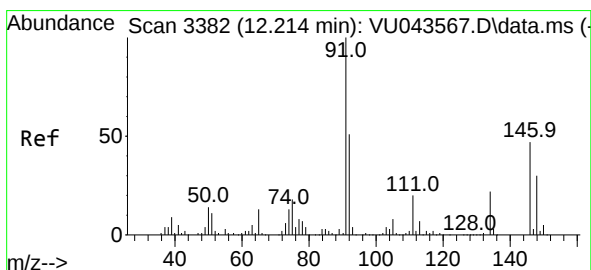
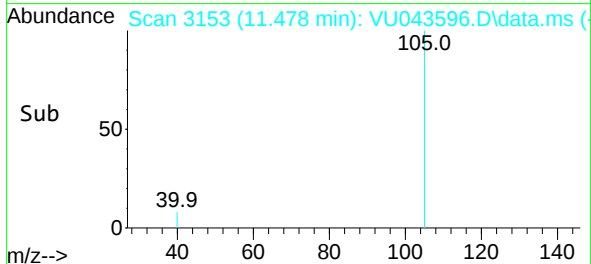
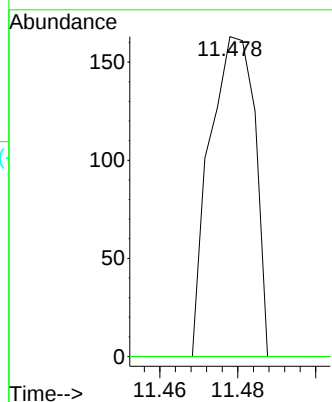
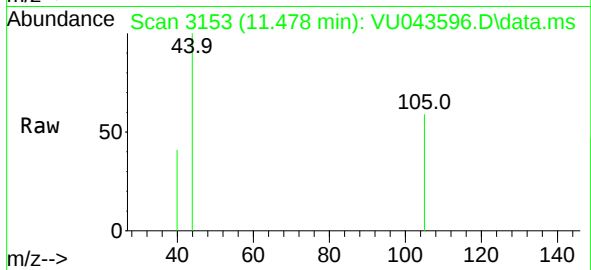




#85
 sec-Butylbenzene
 Concen: 1.35 ug/l
 RT: 11.478 min Scan# 3153
 Delta R.T. -0.174 min
 Lab File: VU043596.D
 Acq: 06 May 2021 20:13

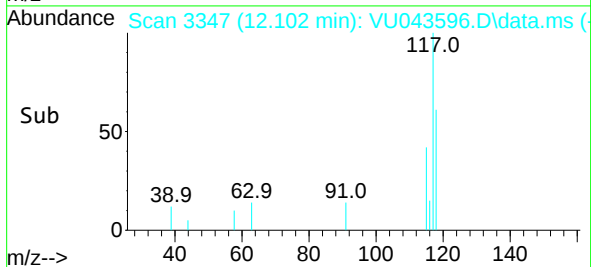
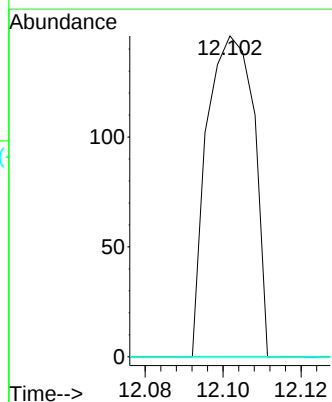
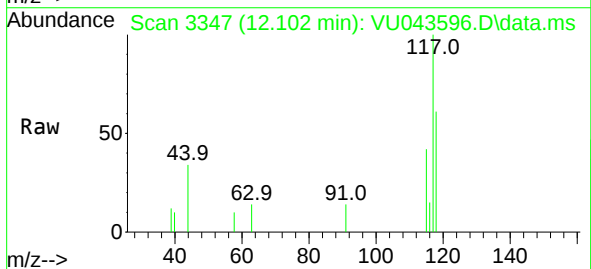
Instrument :
 MSVOA_U
 ClientSampled :
 MW-18

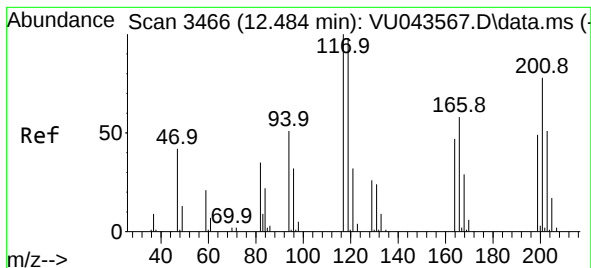
Tgt Ion:105 Resp: 131
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.2 27.6#



#89
 n-Butylbenzene
 Concen: 2.55 ug/l
 RT: 12.102 min Scan# 3347
 Delta R.T. -0.112 min
 Lab File: VU043596.D
 Acq: 06 May 2021 20:13

Tgt Ion: 91 Resp: 122
 Ion Ratio Lower Upper
 91 100
 92 0.0 25.4 76.2#
 134 0.0 11.3 33.9#





#90

Hexachloroethane

Concen: 0.46 ug/l

RT: 12.687 min Scan# 3529

Delta R.T. 0.203 min

Lab File: VU043596.D

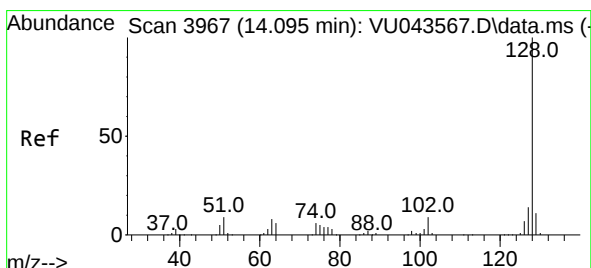
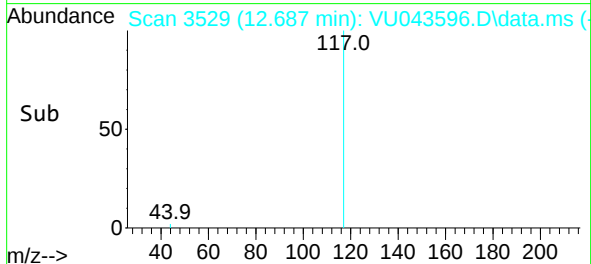
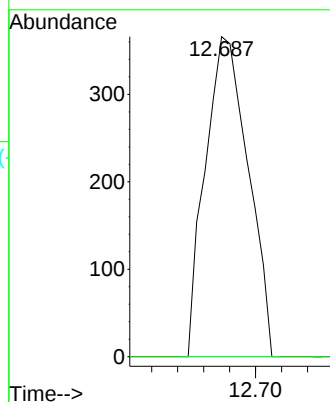
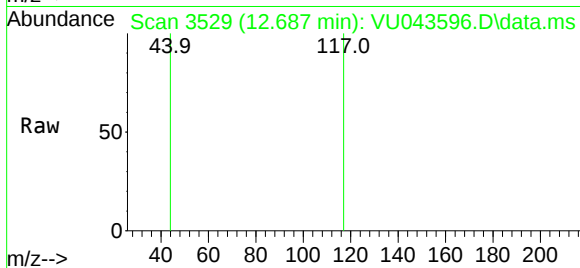
Acq: 06 May 2021 20:13

Tgt Ion:117 Resp: 420

Ion Ratio Lower Upper

117 100

201 0.0 38.6 115.7#



#95

Naphthalene

Concen: 3.23 ug/l

RT: 14.095 min Scan# 3967

Delta R.T. 0.000 min

Lab File: VU043596.D

Acq: 06 May 2021 20:13

Tgt Ion:128 Resp: 13692

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 9.6 8.6 12.8

