

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
 Data File : VU043589.D
 Acq On : 06 May 2021 17:30
 Operator : SY/MD
 Sample : M2267-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DI-WATER

Quant Time: May 07 02:06:25 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)

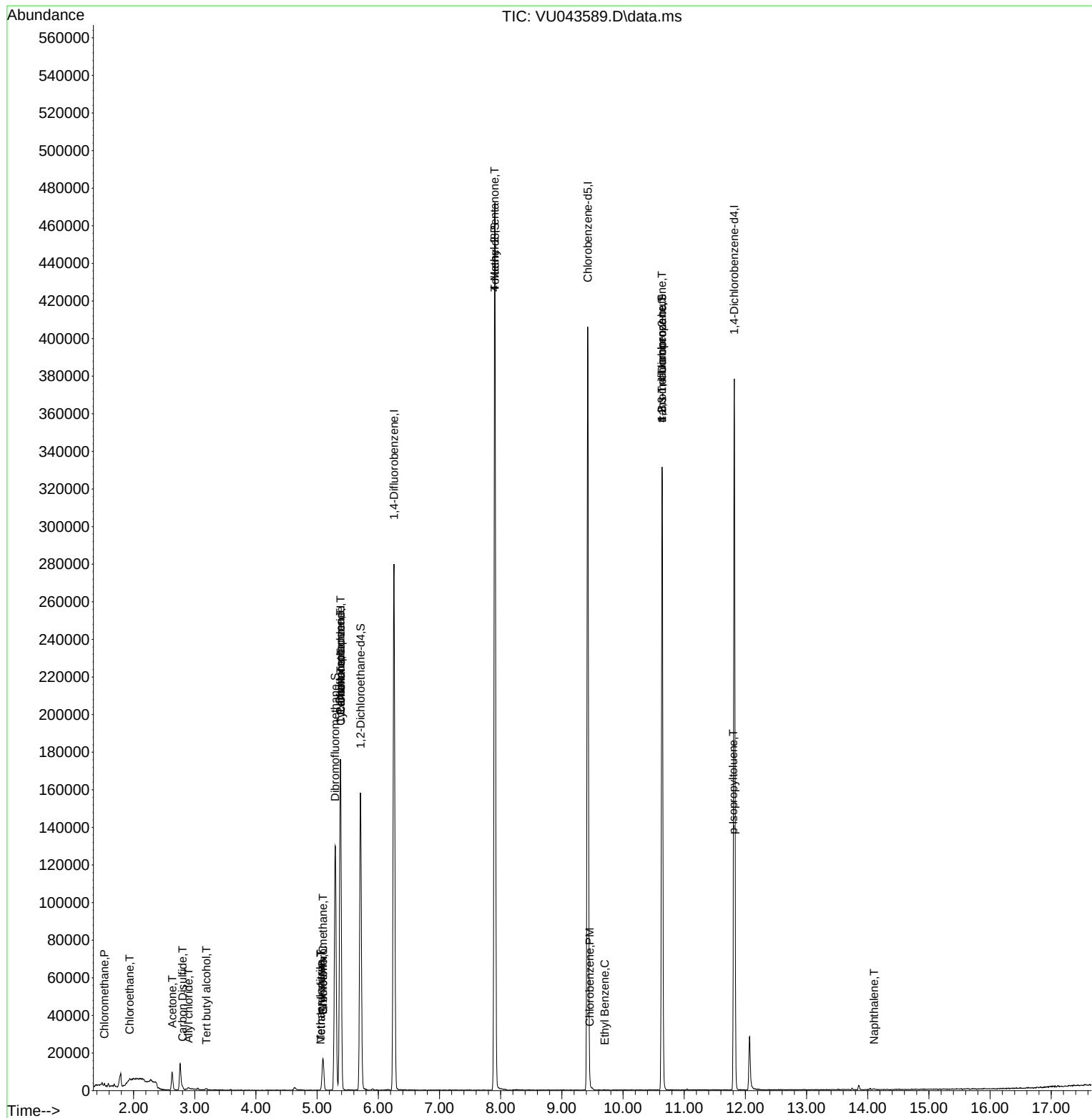
Internal Standards						
1) Pentafluorobenzene	5.382	168	113208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	201547	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	197439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	87095	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	118197	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
35) Dibromofluoromethane	5.295	113	80960	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
50) Toluene-d8	7.906	98	284063	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
62) 4-Bromofluorobenzene	10.639	95	98164	45.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.54%	
Target Compounds						
						Qvalue
3) Chloromethane	1.523	50	1067	0.84	ug/l	91
6) Chloroethane	1.935	64	7603	6.60	ug/l #	54
11) Tert butyl alcohol	3.192	59	492	0.80	ug/l #	73
14) Allyl chloride	2.896	41	708	0.22	ug/l #	42
16) Acetone	2.633	43	10890	8.56	ug/l	99
17) Carbon Disulfide	2.800	76	2029	0.49	ug/l	98
28) Bromochloromethane	5.096	49	1417	0.87	ug/l #	22
29) Tetrahydrofuran	5.067	42	626	0.56	ug/l #	51
30) Chloroform	5.096	83	14174	4.50	ug/l	97
31) Cyclohexane	5.385	56	3258	1.19	ug/l #	8
36) 1,1-Dichloropropene	5.379	75	10631	4.65	ug/l #	50
38) Carbon Tetrachloride	5.382	117	12157	5.24	ug/l #	16
41) Methacrylonitrile	5.057	41	118	1.93	ug/l #	47
51) 4-Methyl-2-Pentanone	7.903	43	1595	19.50	ug/l #	1
65) Chlorobenzene	9.456	112	1631	0.37	ug/l	96
67) Ethyl Benzene	9.700	91	71	1.46	ug/l #	45
76) 1,2,3-Trichloropropane	10.639	75	56753	20.49	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.639	75	56753	66.74	ug/l #	3
86) p-Isopropyltoluene	11.803	119	68	1.48	ug/l #	1
95) Naphthalene	14.105	128	453	1.58	ug/l #	69

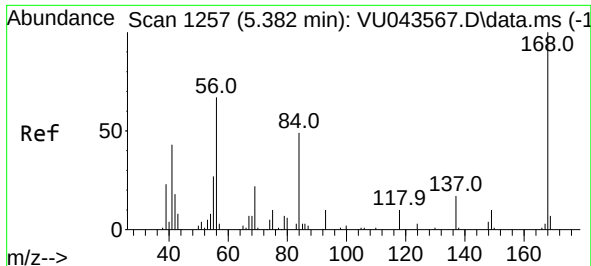
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 06 07:26:23 2021
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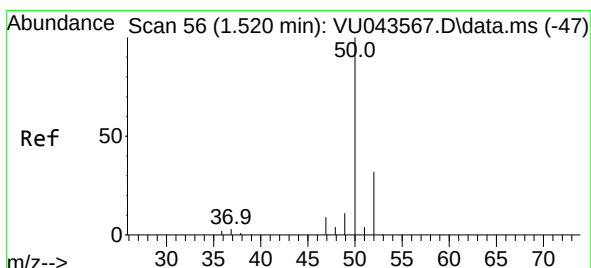
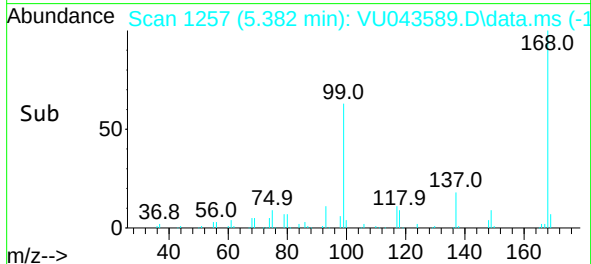
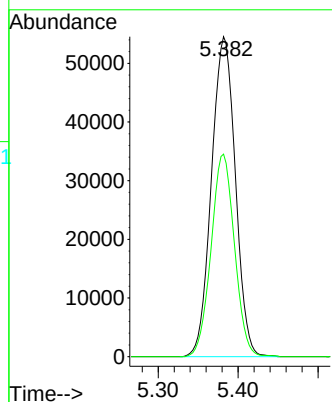
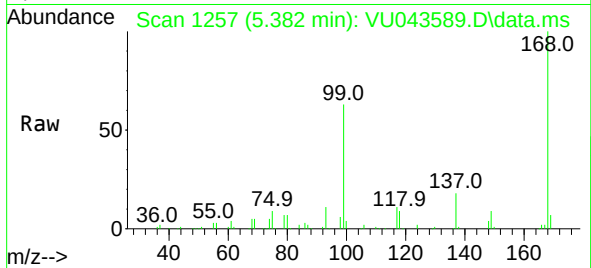




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043589.D
Acq: 06 May 2021 17:30

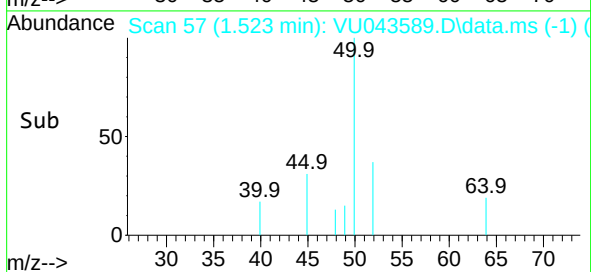
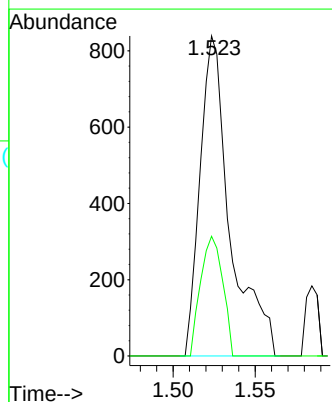
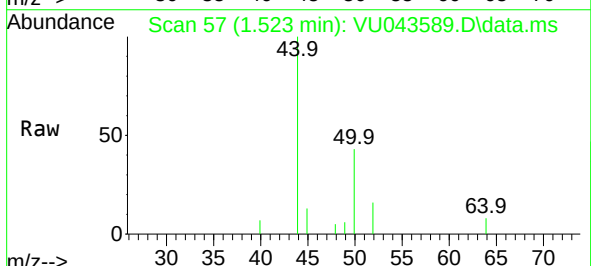
Instrument :
MSVOA_U
ClientSampled :
DI-WATER

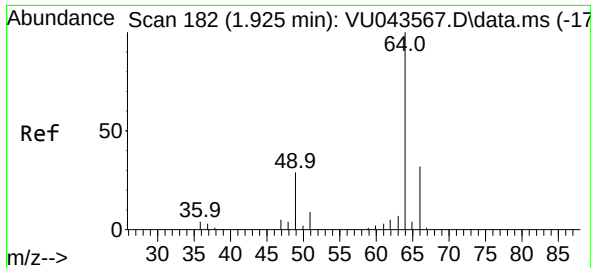
Tgt Ion:168 Resp: 113208
Ion Ratio Lower Upper
168 100
99 63.3 49.0 73.6



#3
Chloromethane
Concen: 0.84 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043589.D
Acq: 06 May 2021 17:30

Tgt Ion: 50 Resp: 1067
Ion Ratio Lower Upper
50 100
52 37.4 25.9 38.9

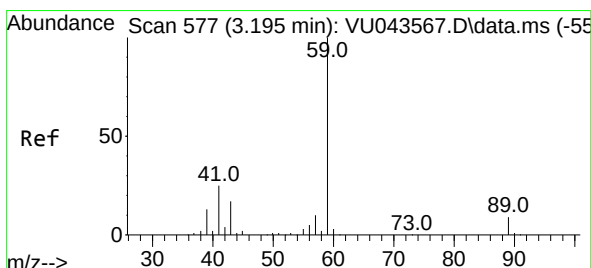
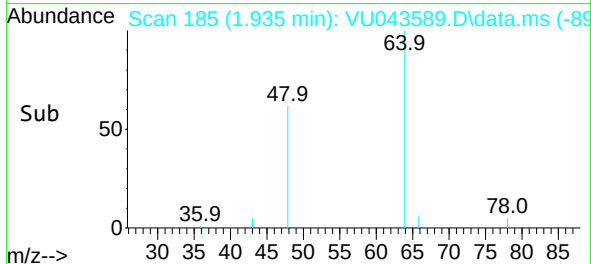
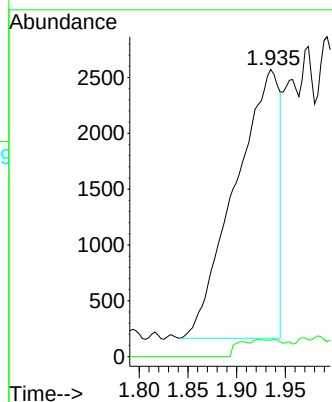
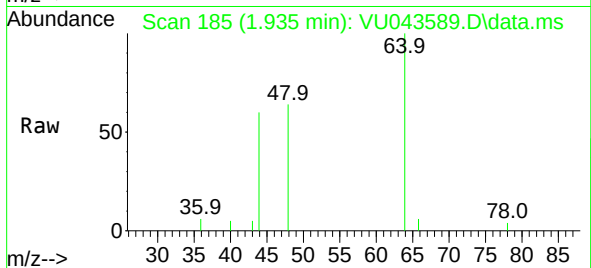




#6
Chloroethane
Concen: 6.60 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.010 min
Lab File: VU043589.D
Acq: 06 May 2021 17:30

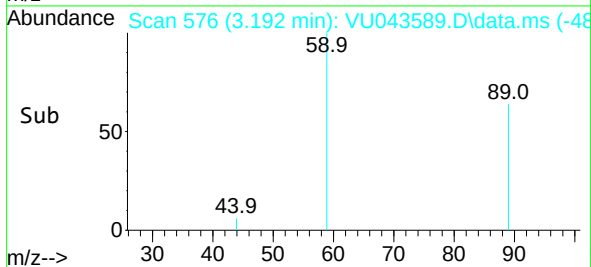
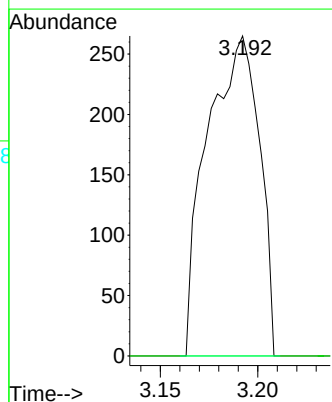
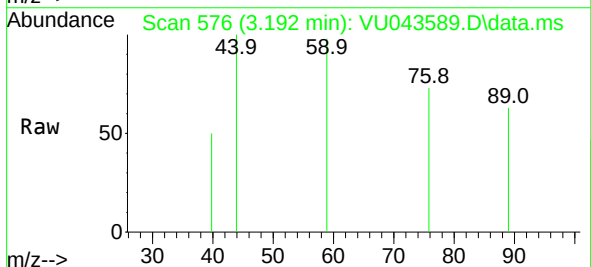
Instrument :
MSVOA_U
ClientSampled :
DI-WATER

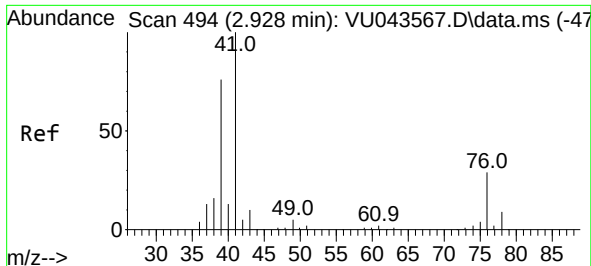
Tgt Ion: 64 Resp: 7603
Ion Ratio Lower Upper
64 100
66 6.2 25.7 38.5#



#11
Tert butyl alcohol
Concen: 0.80 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.003 min
Lab File: VU043589.D
Acq: 06 May 2021 17:30

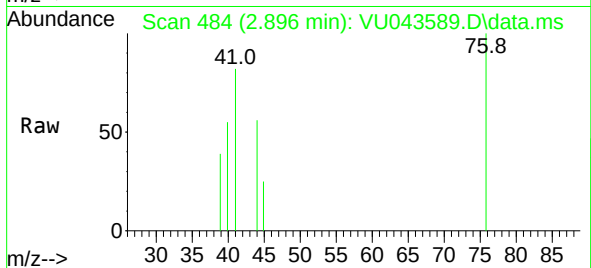
Tgt Ion: 59 Resp: 492
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



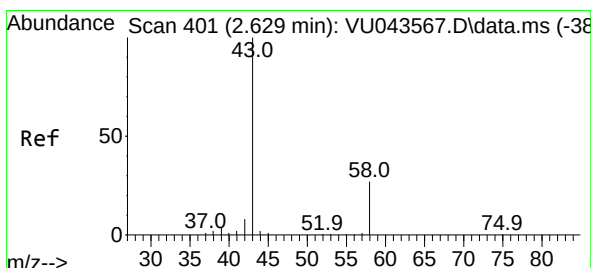
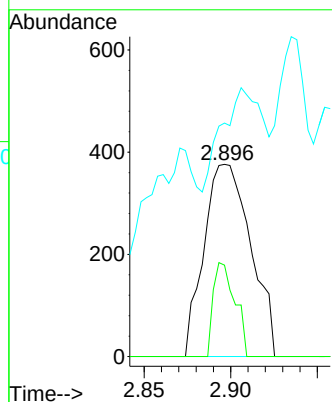
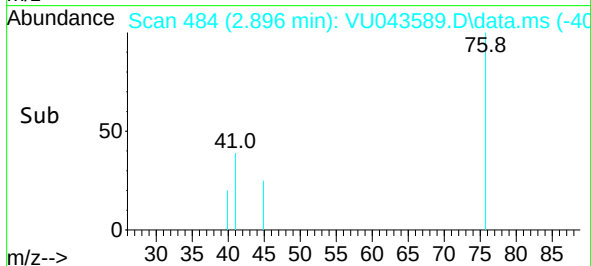


#14
 Allyl chloride
 Concen: 0.22 ug/l
 RT: 2.896 min Scan# 484
 Delta R.T. -0.032 min
 Lab File: VU043589.D
 Acq: 06 May 2021 17:30

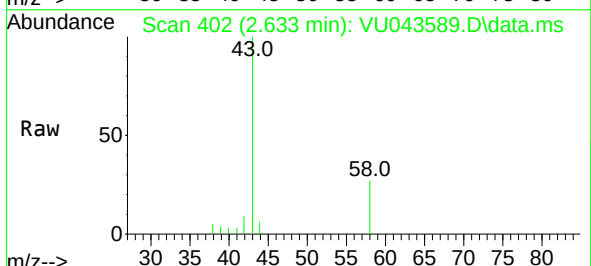
Instrument :
 MSVOA_U
 ClientSampleId :
 DI-WATER



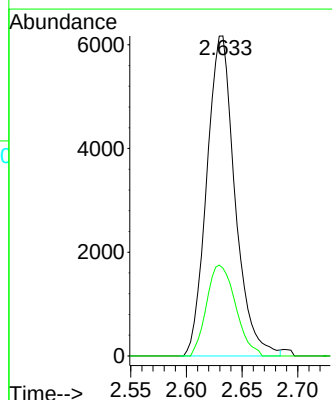
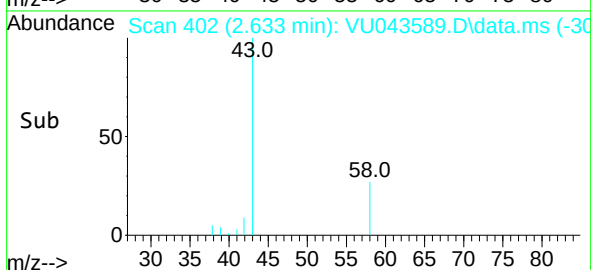
Tgt Ion: 41	Resp: 708
Ion Ratio	Lower Upper
41 100	
39 22.5	54.5 81.7#
76 55.2	19.9 29.9#

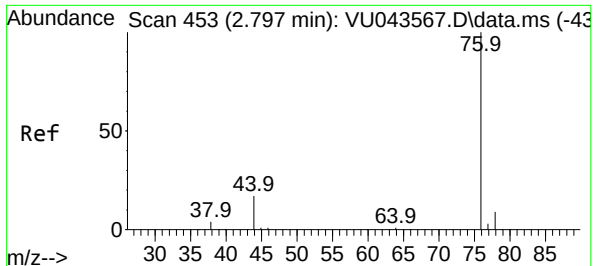


#16
 Acetone
 Concen: 8.56 ug/l
 RT: 2.633 min Scan# 402
 Delta R.T. 0.003 min
 Lab File: VU043589.D
 Acq: 06 May 2021 17:30



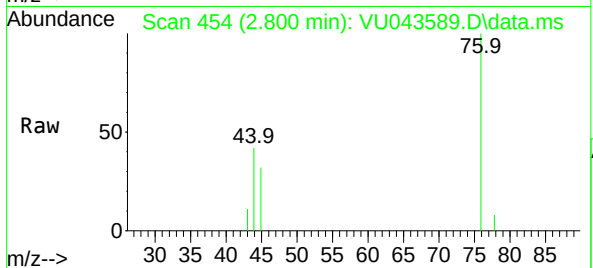
Tgt Ion: 43	Resp: 10890
Ion Ratio	Lower Upper
43 100	
58 27.4	21.7 32.5



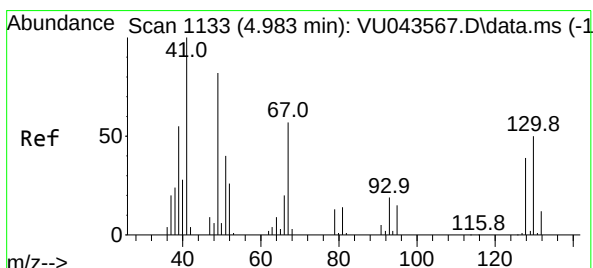
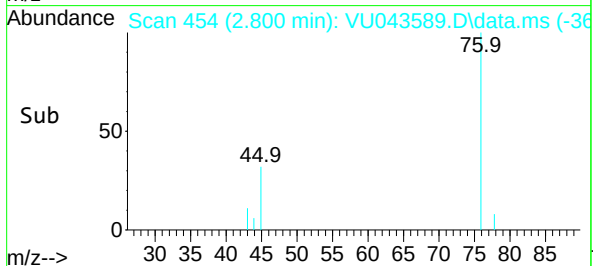
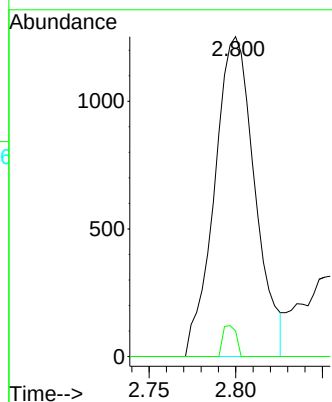


#17
Carbon Disulfide
Concen: 0.49 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU043589.D
Acq: 06 May 2021 17:30

Instrument :
MSVOA_U
ClientSampleId :
DI-WATER

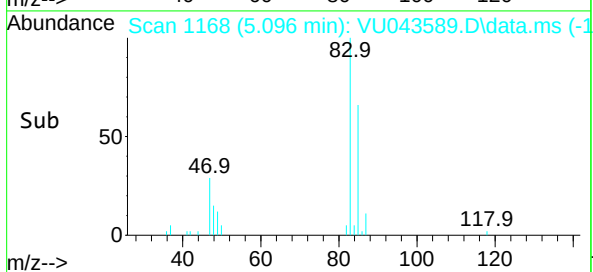
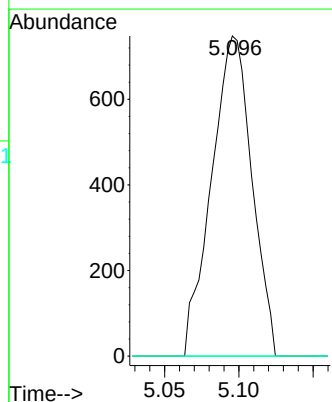
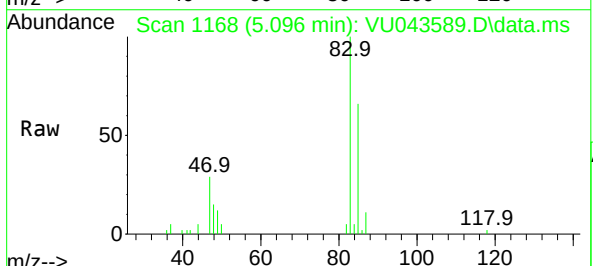


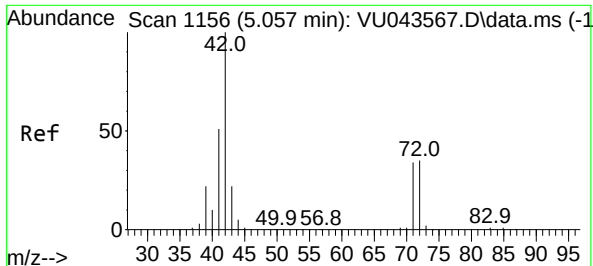
Tgt Ion: 76 Resp: 2029
Ion Ratio Lower Upper
76 100
78 8.1 7.0 10.6



#28
Bromochloromethane
Concen: 0.87 ug/l
RT: 5.096 min Scan# 1168
Delta R.T. 0.113 min
Lab File: VU043589.D
Acq: 06 May 2021 17:30

Tgt Ion: 49 Resp: 1417
Ion Ratio Lower Upper
49 100
129 0.0 0.0 1.8
130 0.0 48.1 72.1#





#29

Tetrahydrofuran

Concen: 0.56 ug/l

RT: 5.067 min Scan# 1159

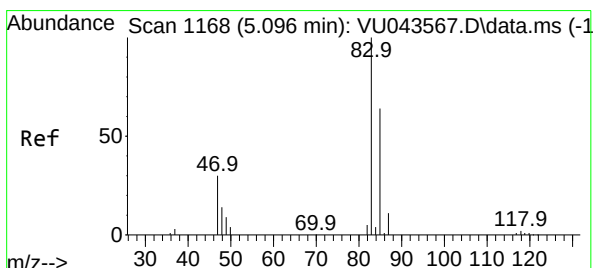
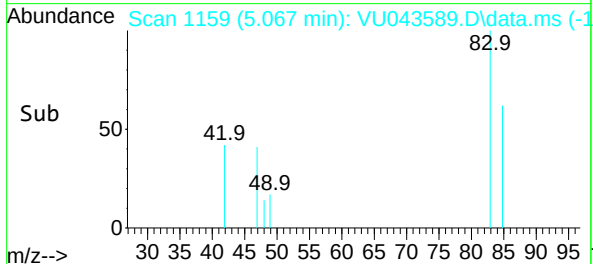
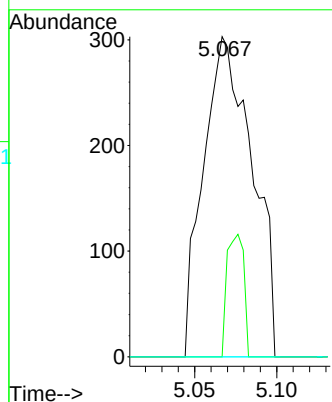
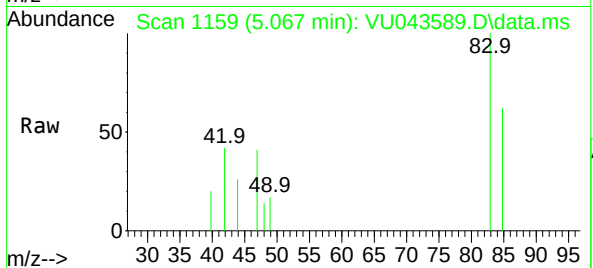
Delta R.T. 0.010 min

Lab File: VU043589.D

Acq: 06 May 2021 17:30

Instrument :
MSVOA_U
ClientSampled :
DI-WATER

Tgt Ion:	42	Resp:	626
Ion	Ratio	Lower	Upper
42	100		
72	13.1	28.5	42.7#
71	0.0	27.4	41.2#



#30

Chloroform

Concen: 4.50 ug/l

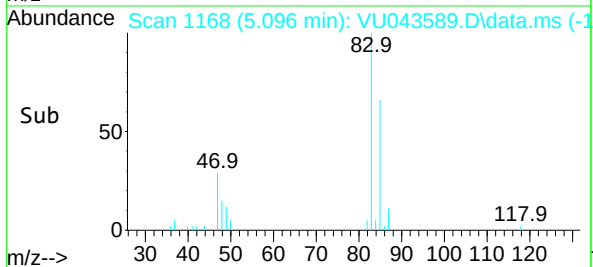
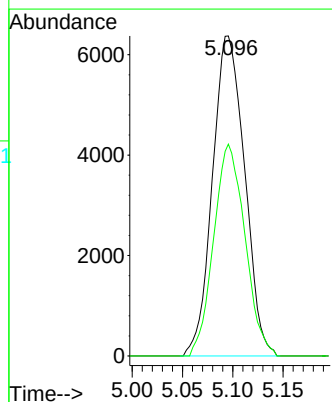
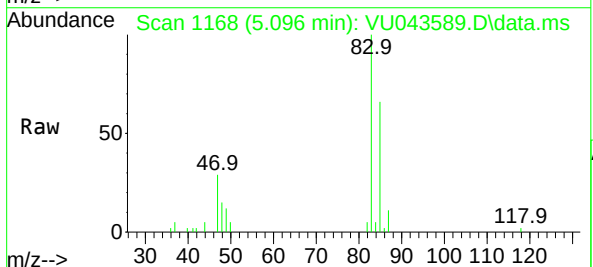
RT: 5.096 min Scan# 1168

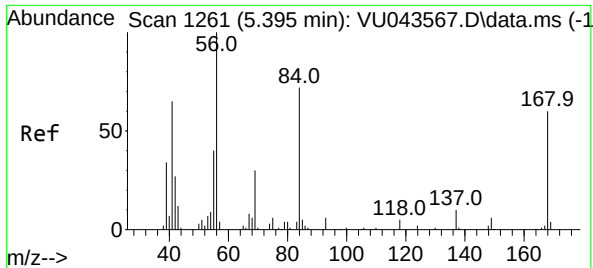
Delta R.T. 0.000 min

Lab File: VU043589.D

Acq: 06 May 2021 17:30

Tgt Ion:	83	Resp:	14174
Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.2	76.8

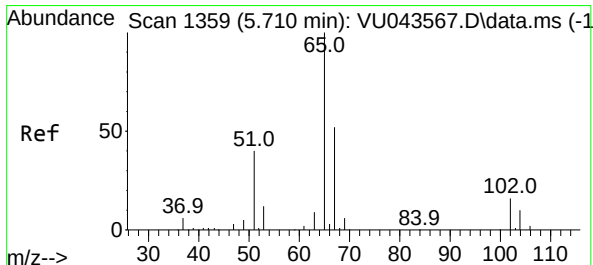
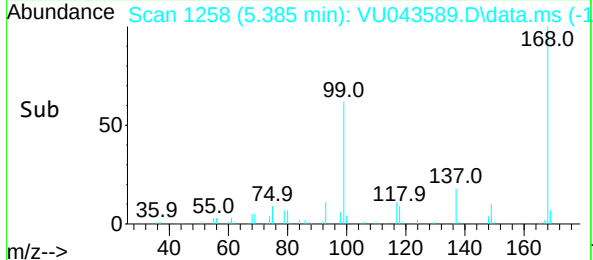
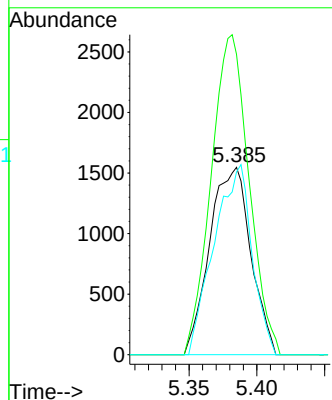
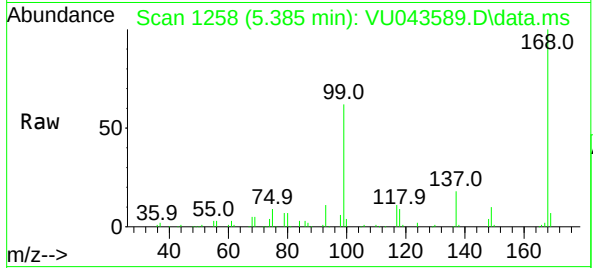




#31
Cyclohexane
Concen: 1.19 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.010 min
Lab File: VU043589.D
Acq: 06 May 2021 17:30

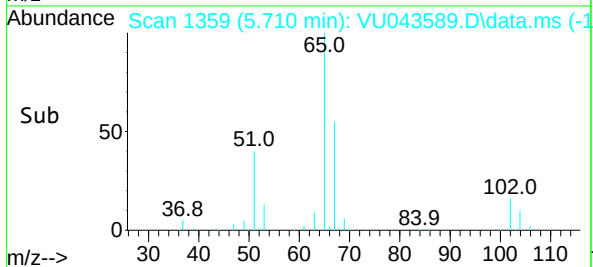
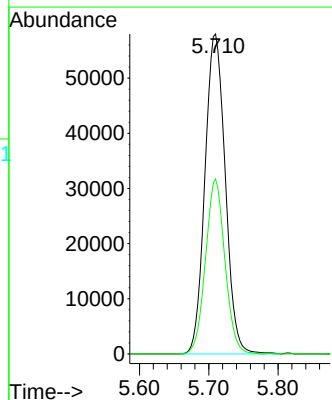
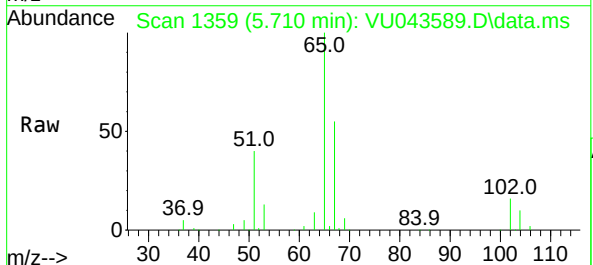
Instrument :
MSVOA_U
ClientSampleId :
DI-WATER

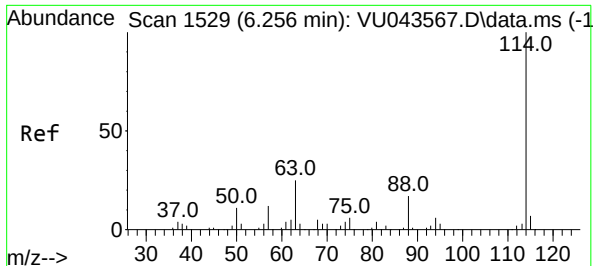
Tgt Ion: 56 Resp: 3258
Ion Ratio Lower Upper
56 100
69 160.3 23.9 35.9#
84 97.5 57.7 86.5#



#33
1,2-Dichloroethane-d4
Concen: 51.58 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VU043589.D
Acq: 06 May 2021 17:30

Tgt Ion: 65 Resp: 118197
Ion Ratio Lower Upper
65 100
67 52.1 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: VU043589.D

Acq: 06 May 2021 17:30

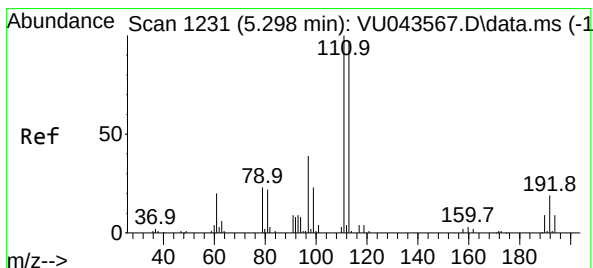
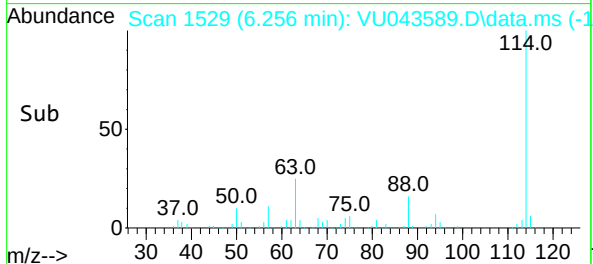
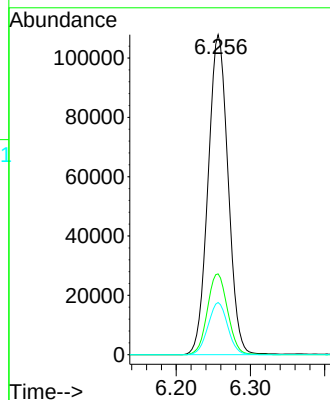
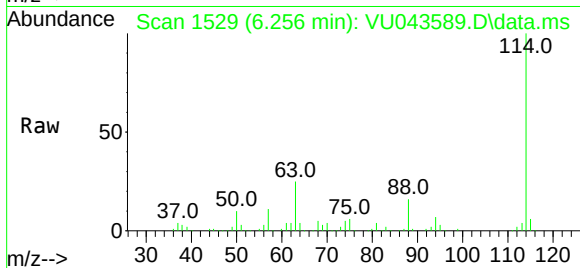
Tgt Ion:114 Resp: 201547

Ion Ratio Lower Upper

114 100

63 25.3 0.0 50.2

88 16.3 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.37 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. -0.003 min

Lab File: VU043589.D

Acq: 06 May 2021 17:30

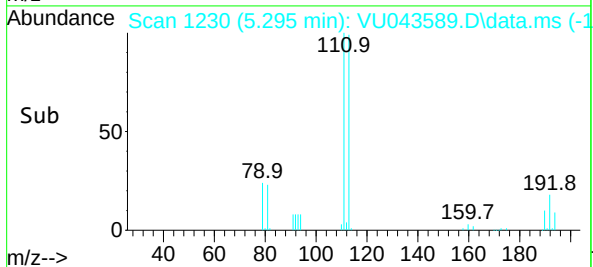
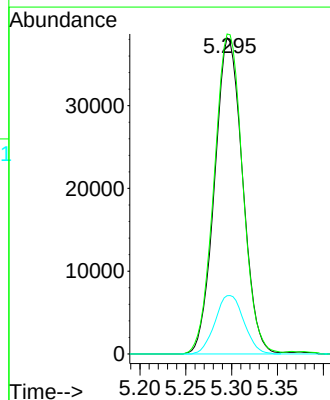
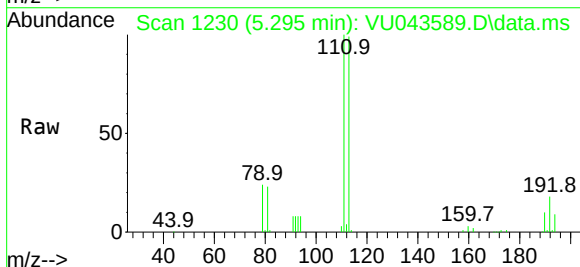
Tgt Ion:113 Resp: 80960

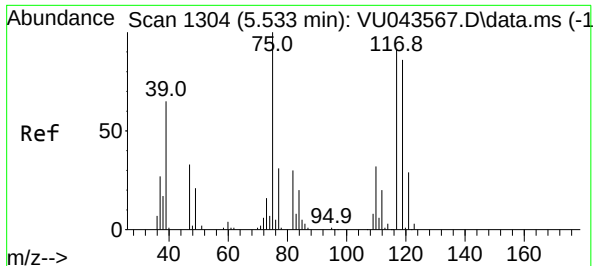
Ion Ratio Lower Upper

113 100

111 103.2 82.3 123.5

192 19.0 15.8 23.6



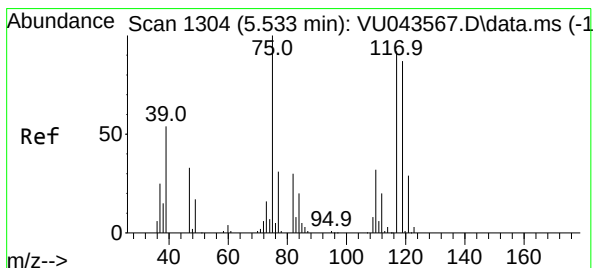
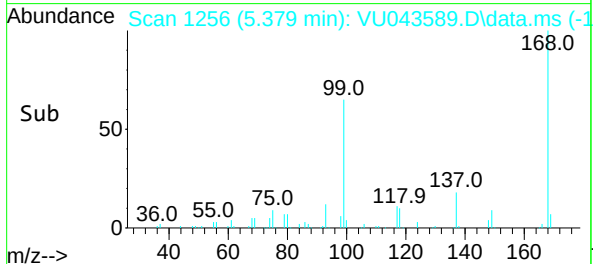
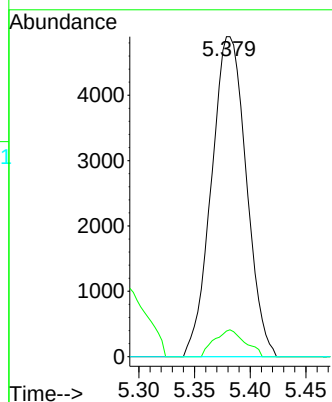
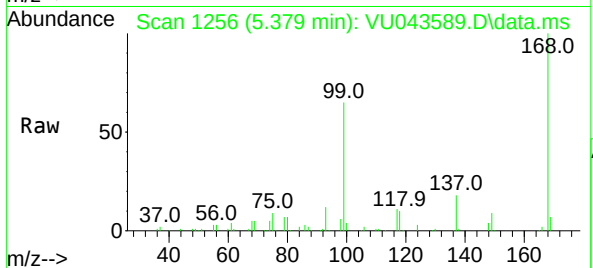


#36

1,1-Dichloropropene
Concen: 4.65 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.154 min
Lab File: VU043589.D
Acq: 06 May 2021 17:30

Instrument :
MSVOA_U
ClientSampleId :
DI-WATER

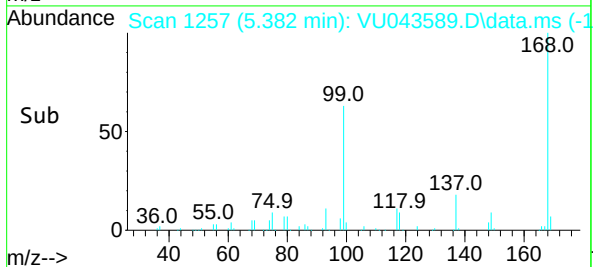
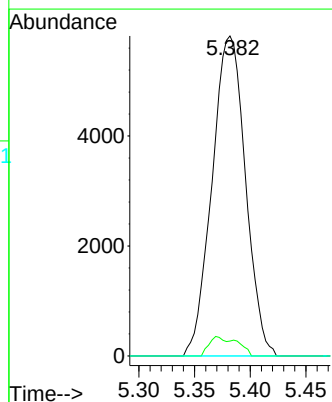
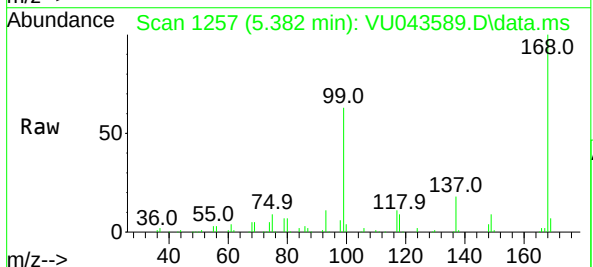
Tgt Ion: 75 Resp: 10631
Ion Ratio Lower Upper
75 100
110 7.4 16.2 48.5#
77 0.0 24.4 36.6#

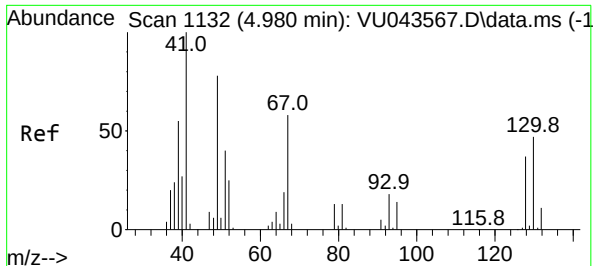


#38

Carbon Tetrachloride
Concen: 5.24 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043589.D
Acq: 06 May 2021 17:30

Tgt Ion: 117 Resp: 12157
Ion Ratio Lower Upper
117 100
119 4.7 75.4 113.0#
121 0.0 25.2 37.8#



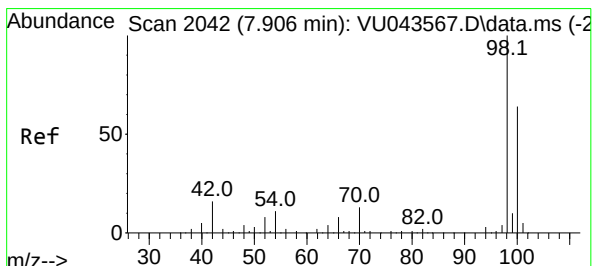
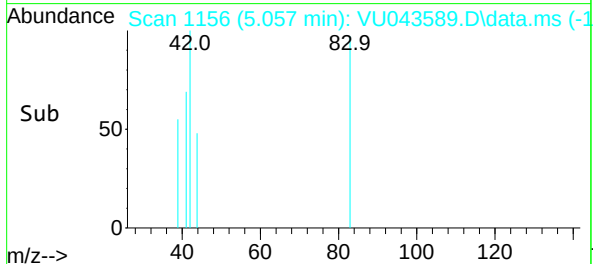
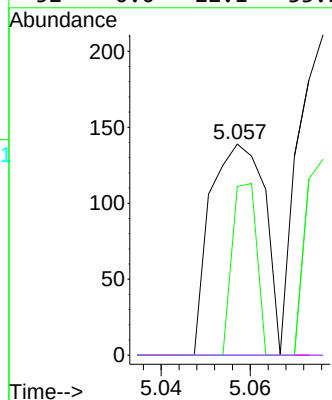
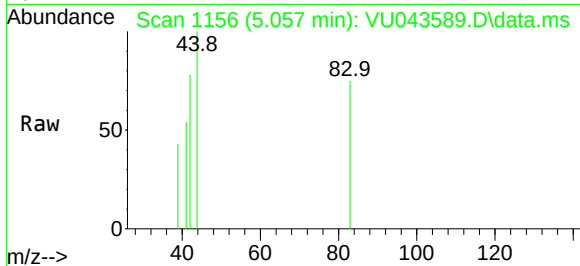


#41
Methacrylonitrile
Concen: 1.93 ug/l
RT: 5.057 min Scan# 1156
Delta R.T. 0.077 min
Lab File: VU043589.D
Acq: 06 May 2021 17:30

Instrument :
MSVOA_U
ClientSampleId :
DI-WATER

Tgt Ion: 41 Resp: 118

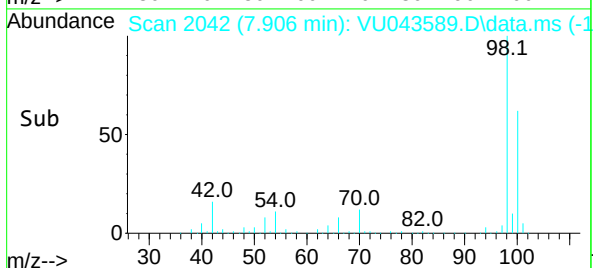
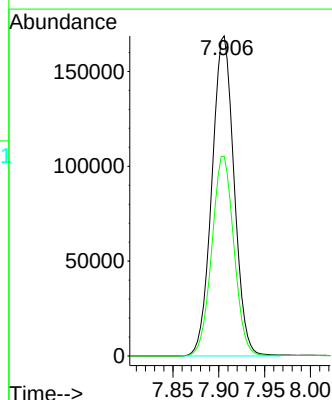
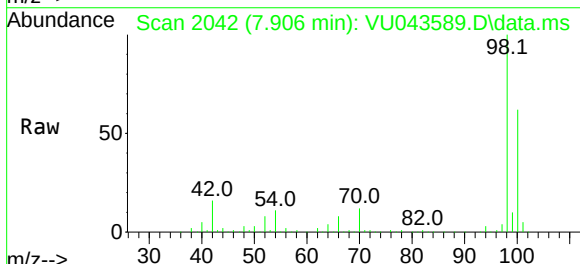
Ion	Ratio	Lower	Upper
41	100		
39	36.4	45.8	68.6#
67	0.0	46.5	69.7#
52	0.0	22.1	33.1#

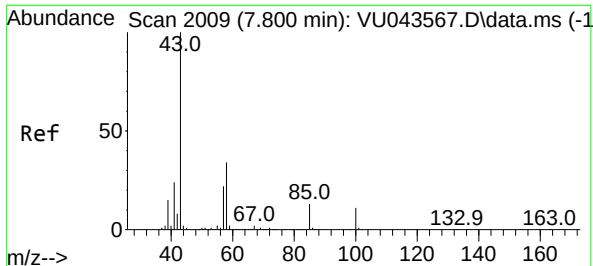


#50
Toluene-d8
Concen: 49.84 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU043589.D
Acq: 06 May 2021 17:30

Tgt Ion: 98 Resp: 284063

Ion	Ratio	Lower	Upper
98	100		
100	62.4	50.5	75.7

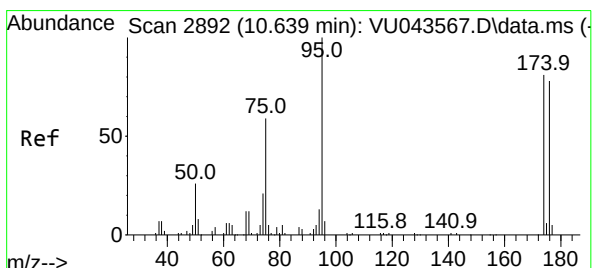
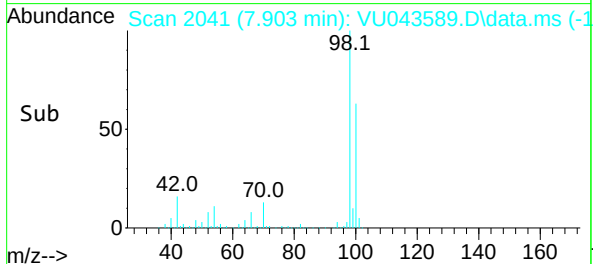
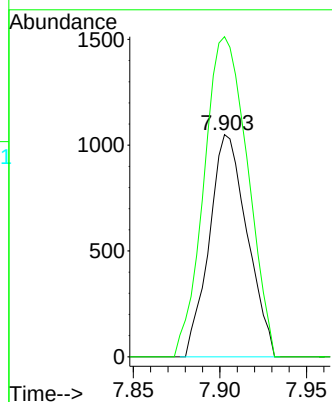
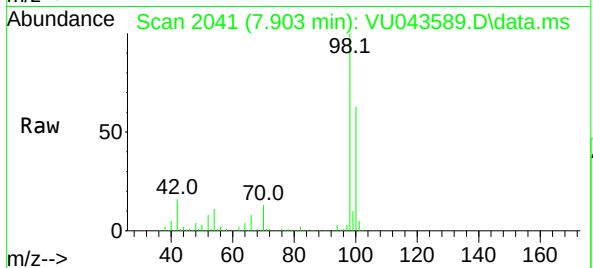




#51
4-Methyl-2-Pentanone
Concen: 19.50 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.103 min
Lab File: VU043589.D
Acq: 06 May 2021 17:30

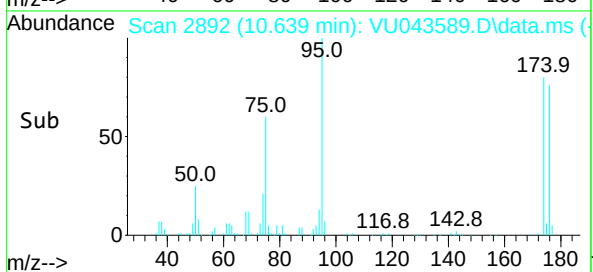
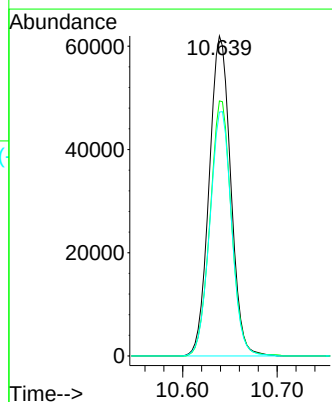
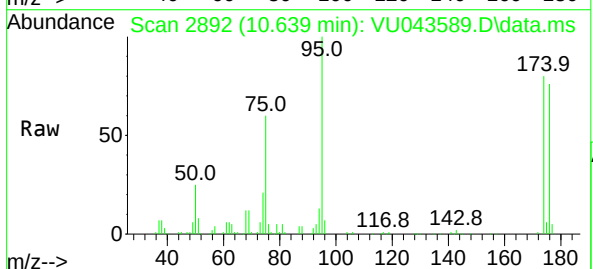
Instrument :
MSVOA_U
ClientSampled :
DI-WATER

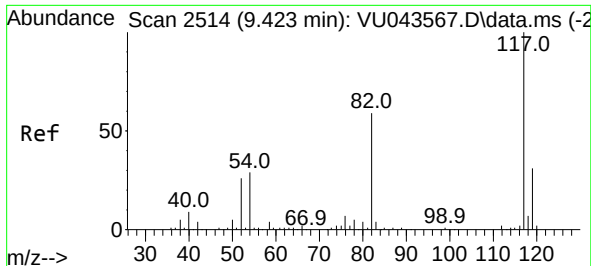
Tgt Ion: 43 Resp: 1595
Ion Ratio Lower Upper
43 100
58 165.7 27.2 40.8#



#62
4-Bromofluorobenzene
Concen: 45.27 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043589.D
Acq: 06 May 2021 17:30

Tgt Ion: 95 Resp: 98164
Ion Ratio Lower Upper
95 100
174 79.3 0.0 158.8
176 76.9 0.0 155.6

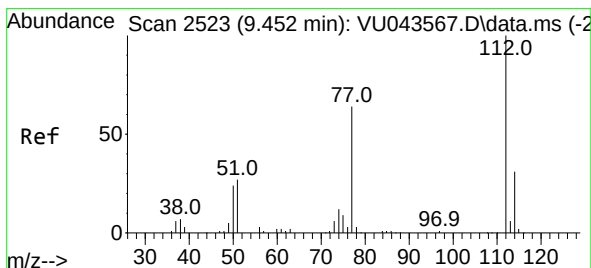
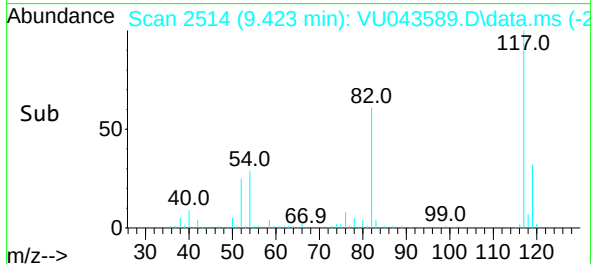
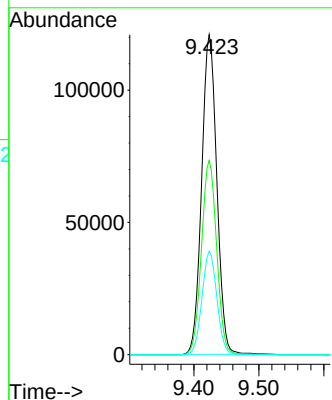
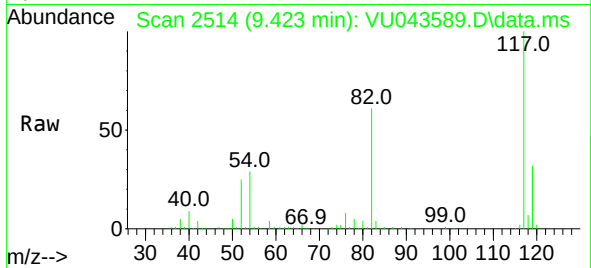




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043589.D
Acq: 06 May 2021 17:30

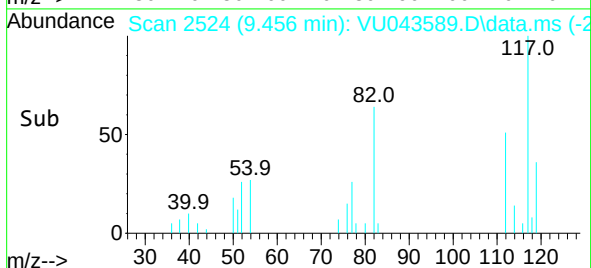
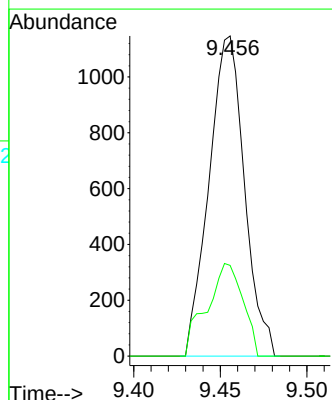
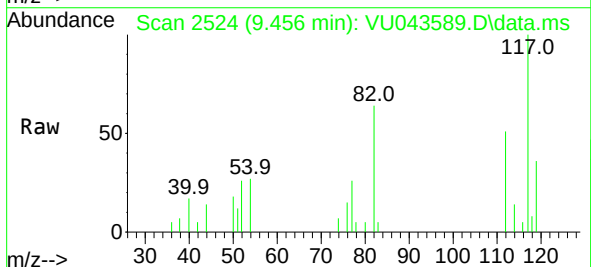
Instrument :
MSVOA_U
ClientSampleId :
DI-WATER

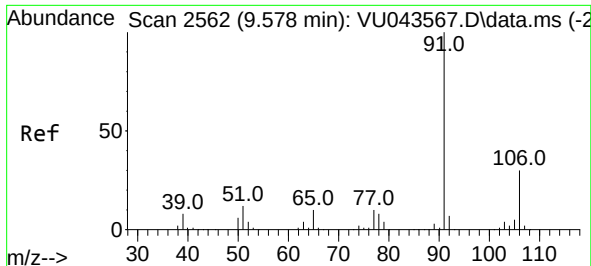
Tgt Ion:117 Resp: 197439
Ion Ratio Lower Upper
117 100
82 60.7 47.5 71.3
119 32.3 24.7 37.1



#65
Chlorobenzene
Concen: 0.37 ug/l
RT: 9.456 min Scan# 2524
Delta R.T. 0.003 min
Lab File: VU043589.D
Acq: 06 May 2021 17:30

Tgt Ion:112 Resp: 1631
Ion Ratio Lower Upper
112 100
114 28.3 24.6 37.0

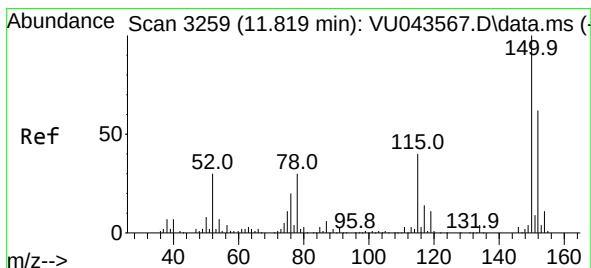
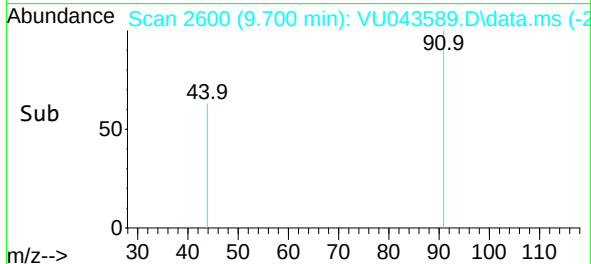
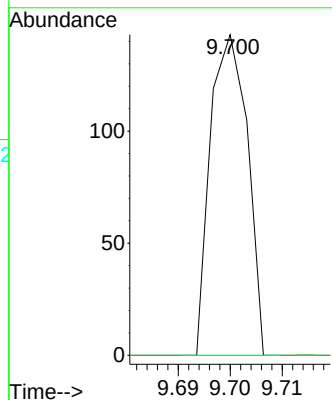
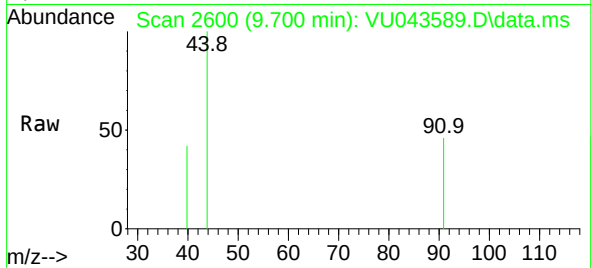




#67
Ethyl Benzene
Concen: 1.46 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. 0.122 min
Lab File: VU043589.D
Acq: 06 May 2021 17:30

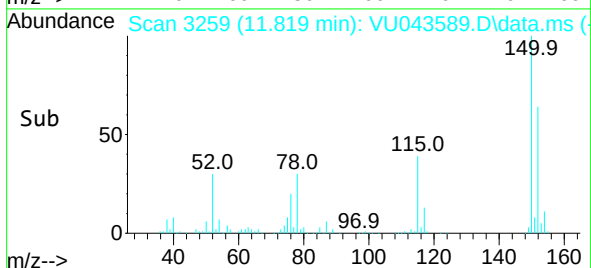
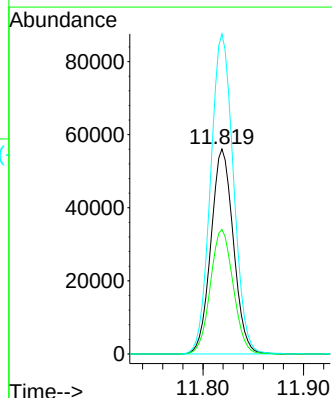
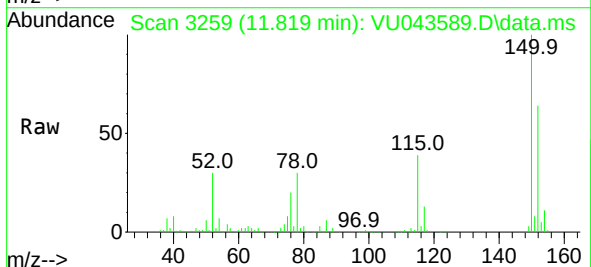
Instrument :
MSVOA_U
ClientSampled :
DI-WATER

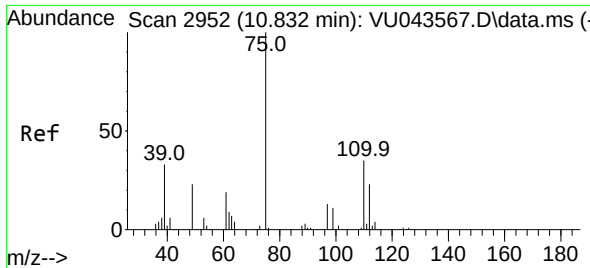
Tgt Ion: 91 Resp: 71
Ion Ratio Lower Upper
91 100
106 0.0 24.0 36.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VU043589.D
Acq: 06 May 2021 17:30

Tgt Ion:152 Resp: 87095
Ion Ratio Lower Upper
152 100
115 61.7 46.1 138.3
150 158.8 0.0 361.0

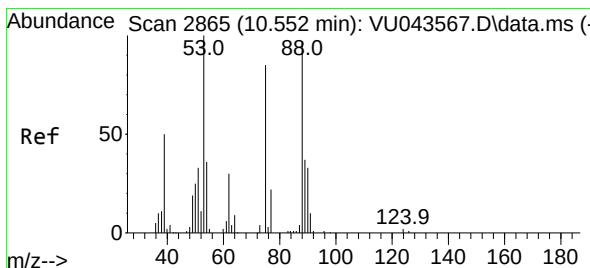
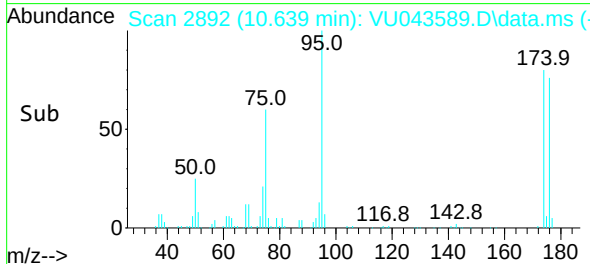
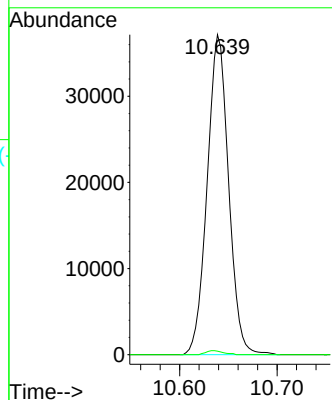
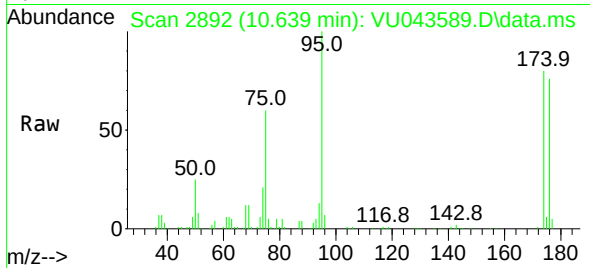




#76
1,2,3-Trichloropropane
Concen: 20.49 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU043589.D
Acq: 06 May 2021 17:30

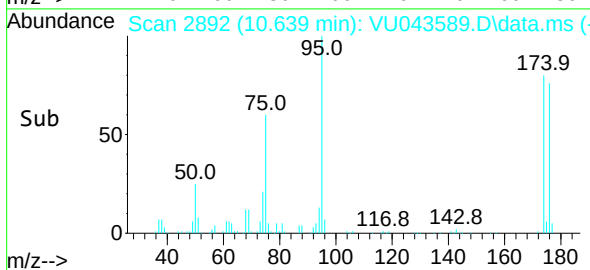
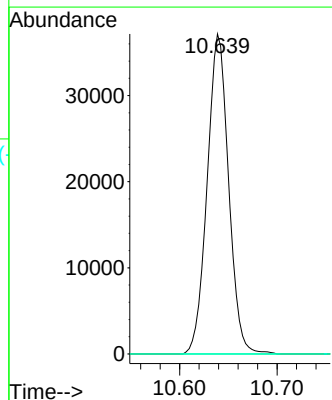
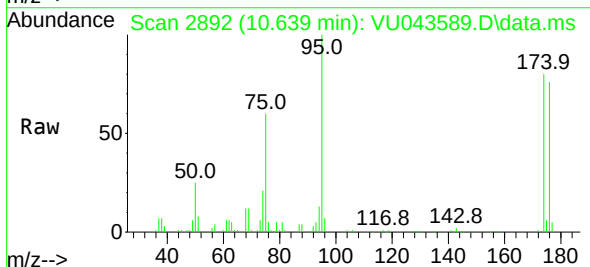
Instrument :
MSVOA_U
ClientSampled :
DI-WATER

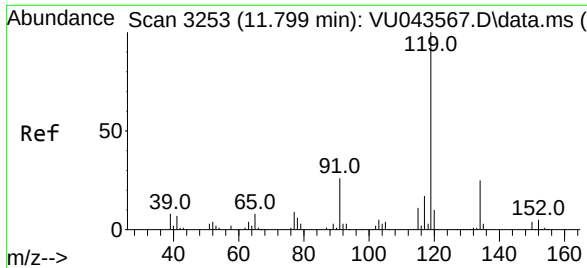
Tgt Ion: 75 Resp: 56753
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.74 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU043589.D
Acq: 06 May 2021 17:30

Tgt Ion: 75 Resp: 56753
Ion Ratio Lower Upper
75 100
53 0.0 95.8 143.8#
89 0.0 36.1 54.1#

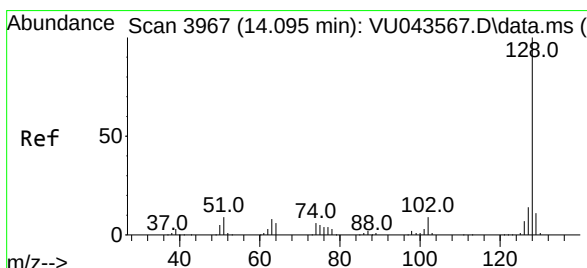
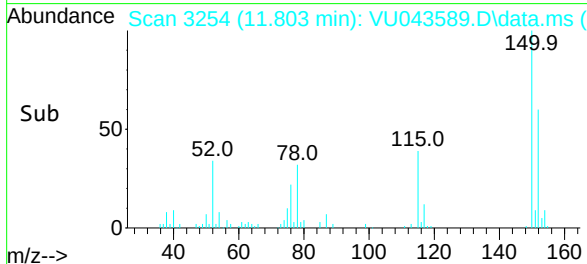
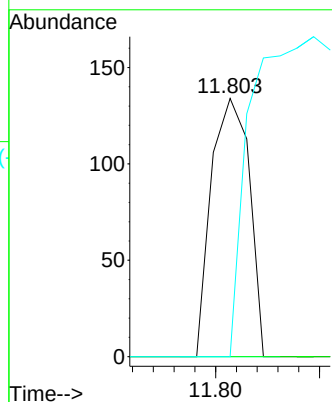
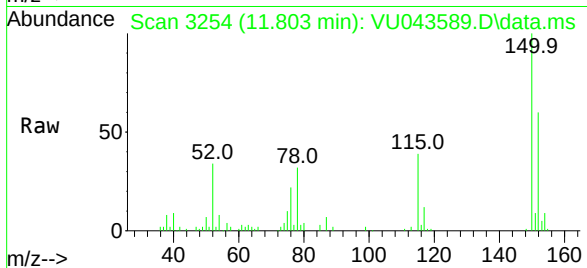




#86
p-Isopropyltoluene
Concen: 1.48 ug/l
RT: 11.803 min Scan# 3254
Delta R.T. 0.004 min
Lab File: VU043589.D
Acq: 06 May 2021 17:30

Instrument :
MSVOA_U
ClientSampleId :
DI-WATER

Tgt Ion:119 Resp: 68
Ion Ratio Lower Upper
119 100
134 0.0 12.7 38.0#
91 297.1 13.3 39.9#



#95
Naphthalene
Concen: 1.58 ug/l
RT: 14.105 min Scan# 3970
Delta R.T. 0.010 min
Lab File: VU043589.D
Acq: 06 May 2021 17:30

Tgt Ion:128 Resp: 453
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.6 12.8#

