

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
 Data File : VU043679.D
 Acq On : 12 May 2021 15:53
 Operator : SY/MD
 Sample : M2322-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 13 01:33:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 09:51:45 2021
 Response via : Initial Calibration

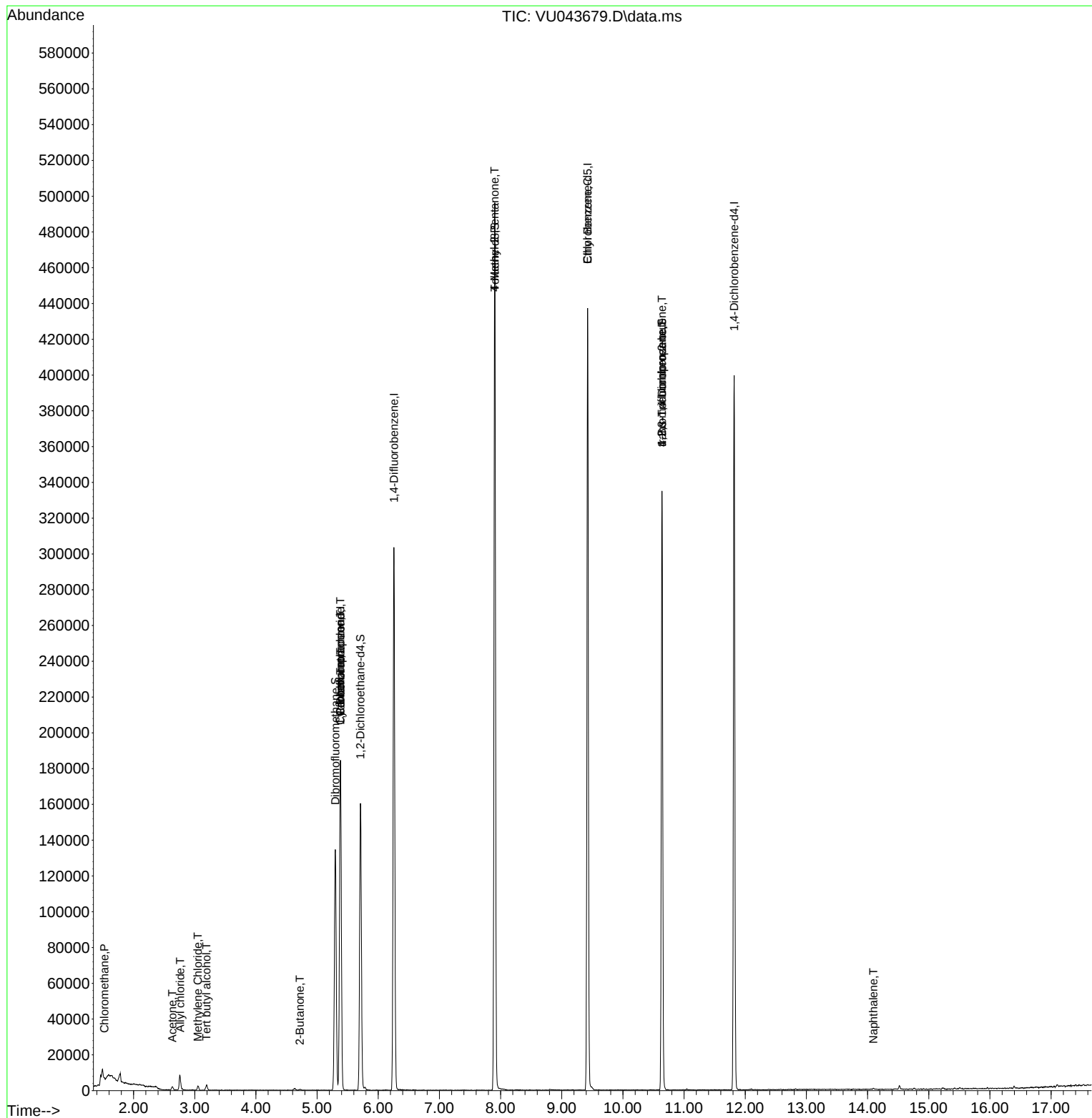
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.382	168	118291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	218502	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	213213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	94498	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	119652	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
35) Dibromofluoromethane	5.298	113	84302	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
50) Toluene-d8	7.906	98	296157	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	10.639	95	103969	43.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.94%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	756	0.66	ug/l #	87
11) Tert butyl alcohol	3.192	59	1897	2.95	ug/l #	73
14) Allyl chloride	2.761	41	929	0.27	ug/l #	81
16) Acetone	2.632	43	2437	1.83	ug/l #	85
20) Methylene Chloride	3.050	84	964	0.52	ug/l	87
25) 2-Butanone	4.716	43	800	0.39	ug/l #	56
31) Cyclohexane	5.378	56	3636	1.27	ug/l #	23
36) 1,1-Dichloropropene	5.378	75	11350	4.58	ug/l #	48
38) Carbon Tetrachloride	5.382	117	12425	4.94	ug/l #	17
51) 4-Methyl-2-Pentanone	7.902	43	1834	19.52	ug/l #	1
67) Ethyl Benzene	9.423	91	430	1.50	ug/l #	45
76) 1,2,3-Trichloropropane	10.639	75	58040	19.32	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.639	75	58040	62.91	ug/l #	3
95) Naphthalene	14.095	128	942	1.64	ug/l #	69

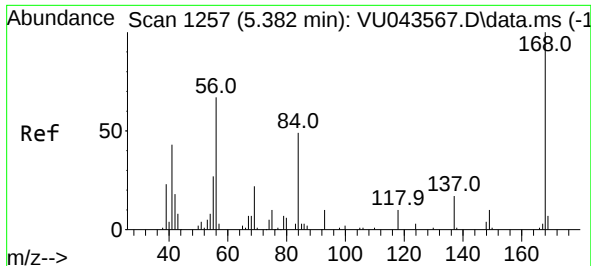
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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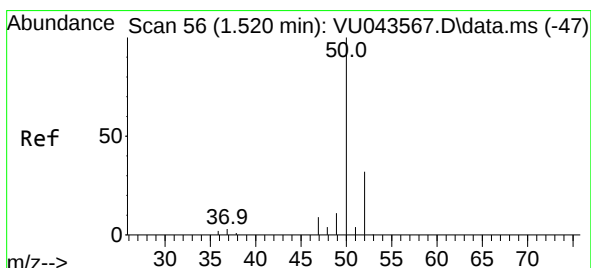
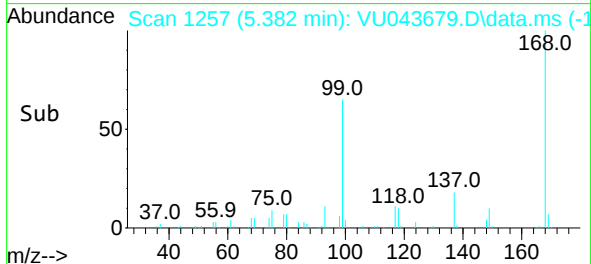
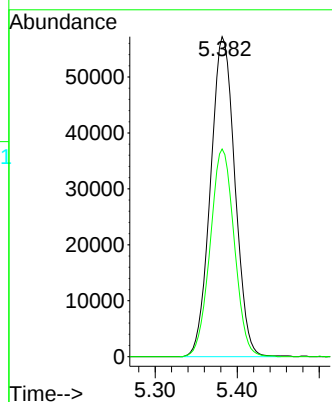
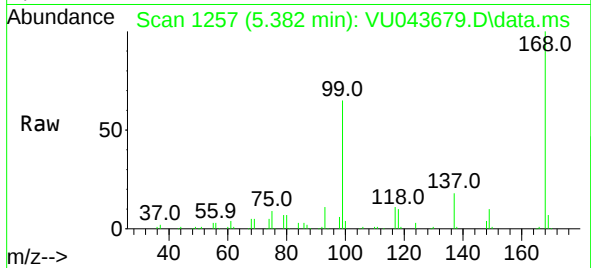




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043679.D
Acq: 12 May 2021 15:53

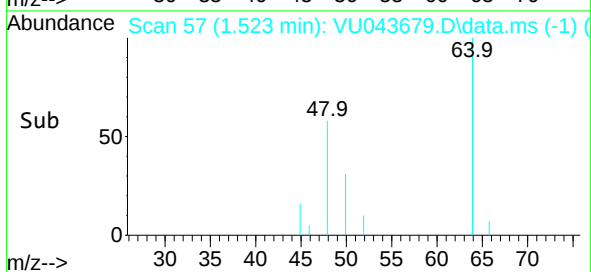
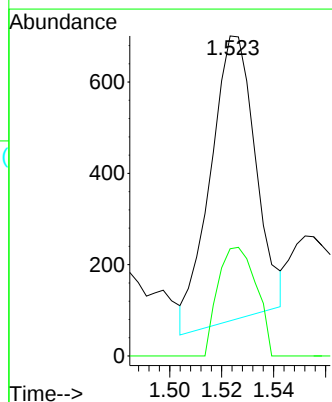
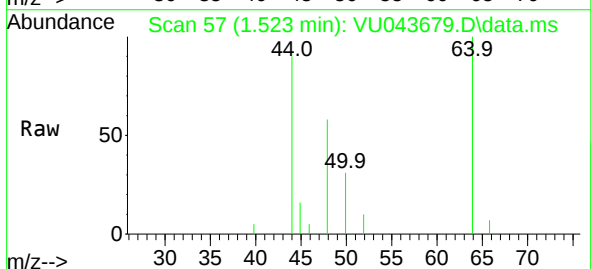
Instrument :
MSVOA_U
ClientSampleId :

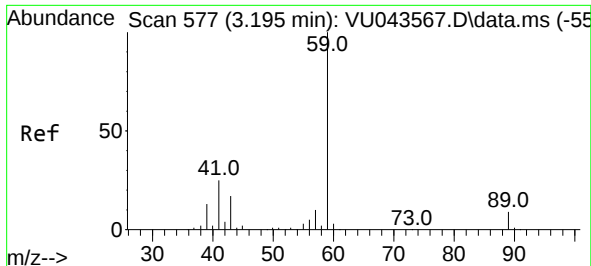
Tgt Ion:168 Resp: 118291
Ion Ratio Lower Upper
168 100
99 64.9 49.0 73.6



#3
Chloromethane
Concen: 0.66 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043679.D
Acq: 12 May 2021 15:53

Tgt Ion: 50 Resp: 756
Ion Ratio Lower Upper
50 100
52 39.8 25.9 38.9#



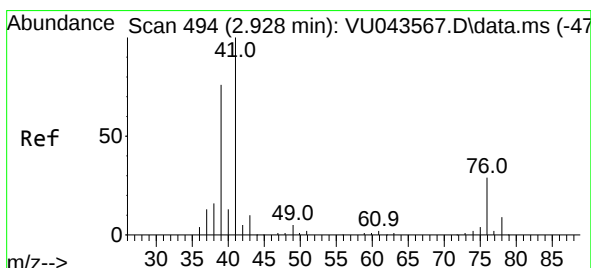
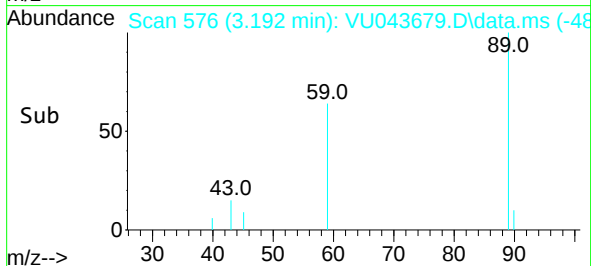
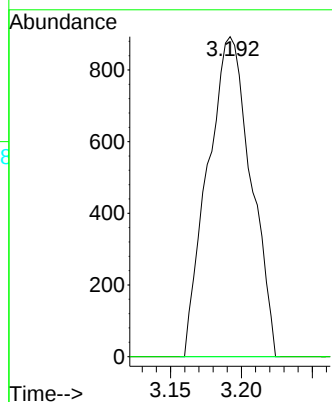
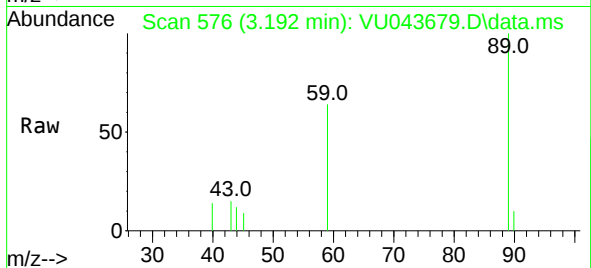


#11

Tert butyl alcohol
Concen: 2.95 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.003 min
Lab File: VU043679.D
Acq: 12 May 2021 15:53

Instrument :
MSVOA_U
ClientSampleId :

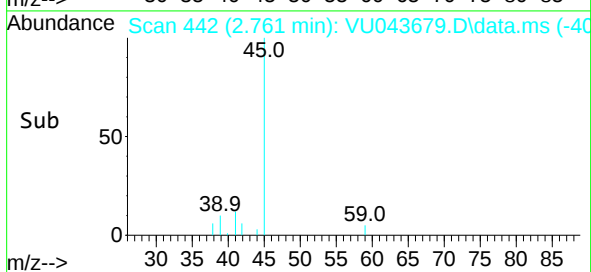
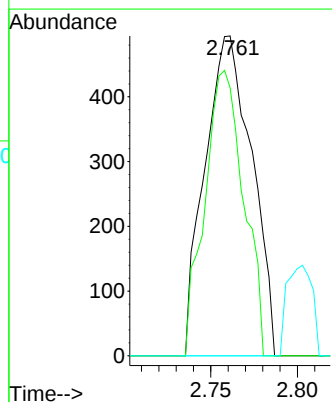
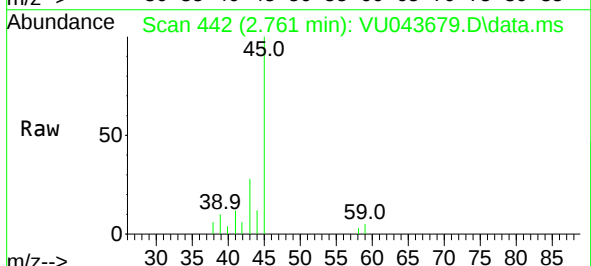
Tgt Ion: 59 Resp: 1897
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

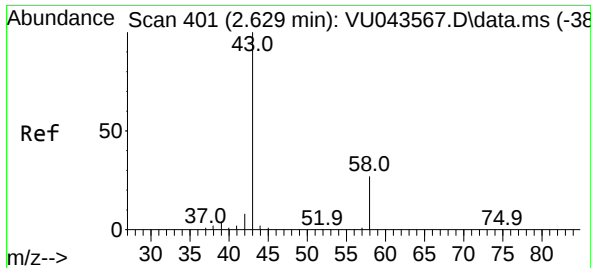


#14

Allyl chloride
Concen: 0.27 ug/l
RT: 2.761 min Scan# 442
Delta R.T. -0.167 min
Lab File: VU043679.D
Acq: 12 May 2021 15:53

Tgt Ion: 41 Resp: 929
Ion Ratio Lower Upper
41 100
39 74.2 54.5 81.7
76 0.0 19.9 29.9#

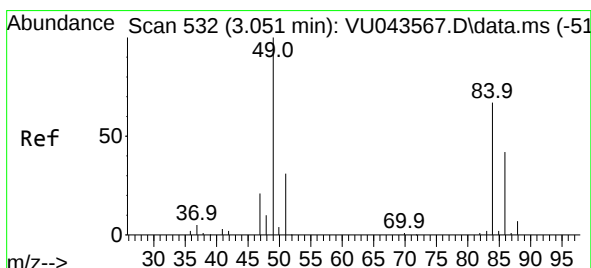
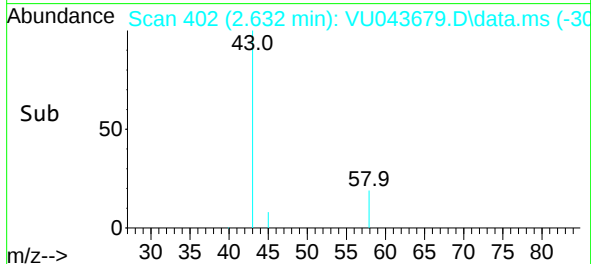
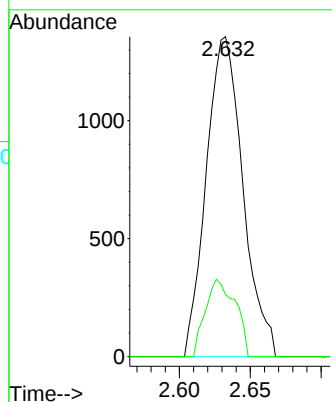
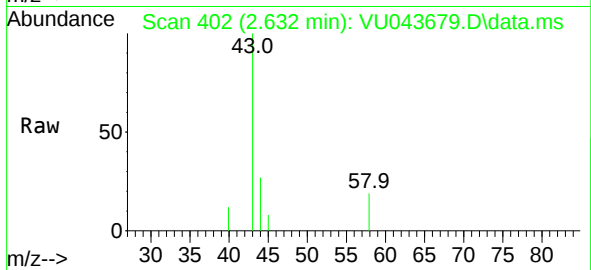




#16
Acetone
Concen: 1.83 ug/l
RT: 2.632 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU043679.D
Acq: 12 May 2021 15:53

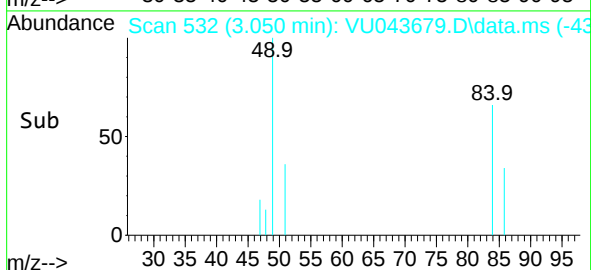
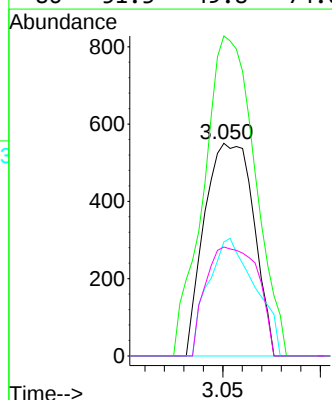
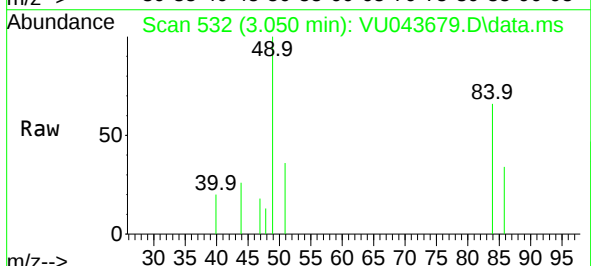
Instrument :
MSVOA_U
ClientSampled :

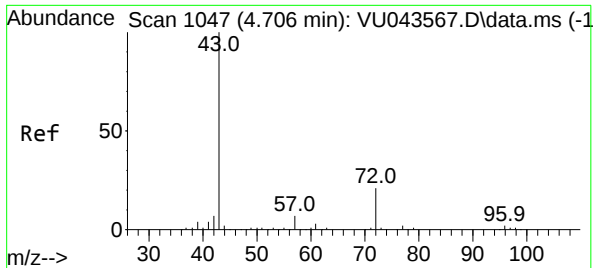
Tgt Ion: 43 Resp: 2437
Ion Ratio Lower Upper
43 100
58 19.4 21.7 32.5#



#20
Methylene Chloride
Concen: 0.52 ug/l
RT: 3.050 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU043679.D
Acq: 12 May 2021 15:53

Tgt Ion: 84 Resp: 964
Ion Ratio Lower Upper
84 100
49 131.3 119.0 178.4
51 53.6 36.8 55.2
86 51.3 49.8 74.6

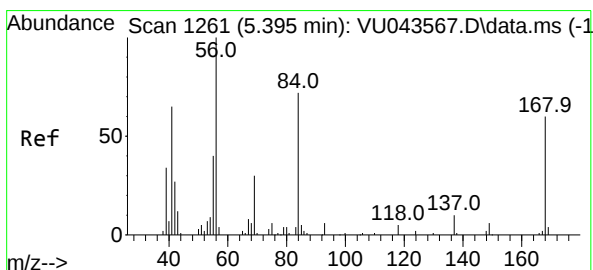
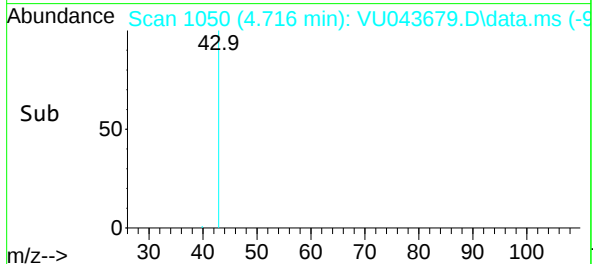
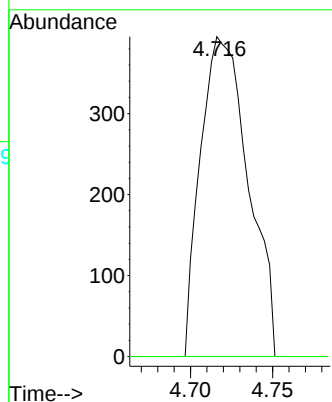
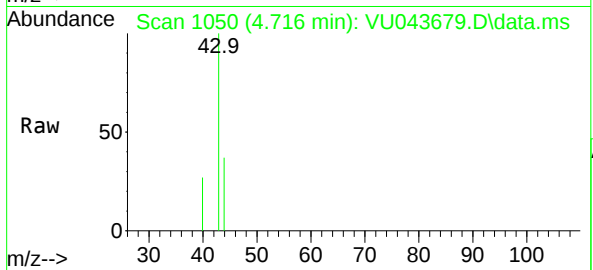




#25
2-Butanone
Concen: 0.39 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU043679.D
Acq: 12 May 2021 15:53

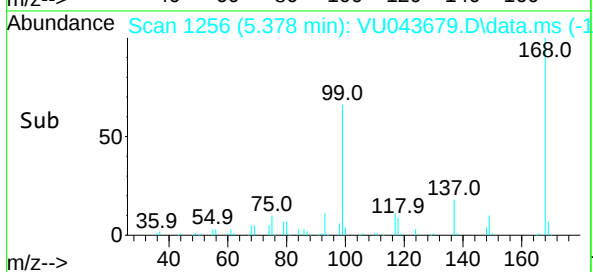
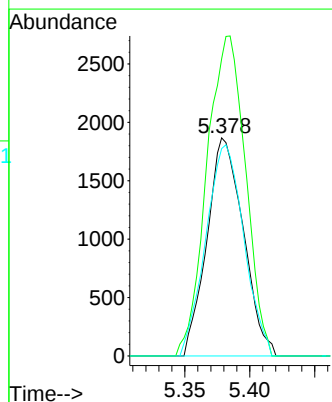
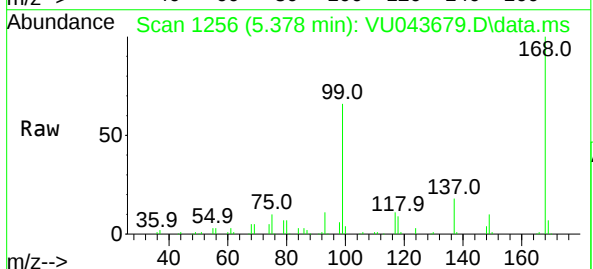
Instrument :
MSVOA_U
ClientSampled :

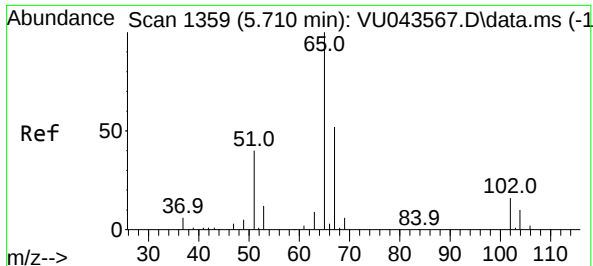
Tgt Ion: 43 Resp: 800
Ion Ratio Lower Upper
43 100
72 0.0 16.5 24.7#



#31
Cyclohexane
Concen: 1.27 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.016 min
Lab File: VU043679.D
Acq: 12 May 2021 15:53

Tgt Ion: 56 Resp: 3636
Ion Ratio Lower Upper
56 100
69 136.3 23.9 35.9#
84 95.1 57.7 86.5#





#33

1,2-Dichloroethane-d4

Concen: 48.90 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043679.D

Acq: 12 May 2021 15:53

Tgt Ion: 65 Resp: 119652

Ion Ratio Lower Upper

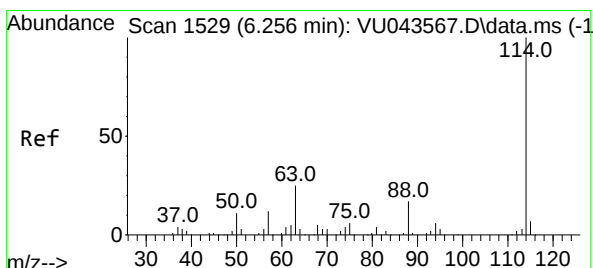
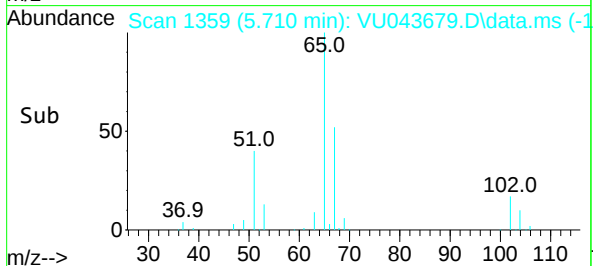
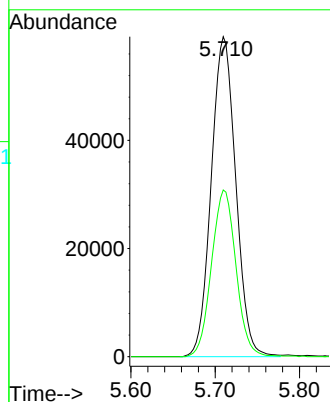
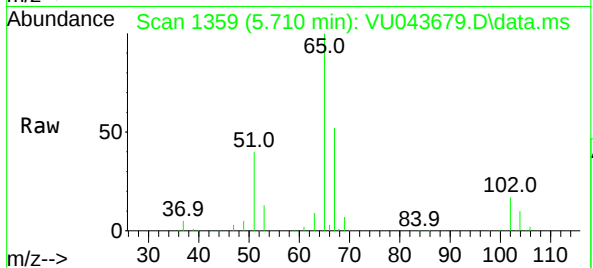
65 100

67 51.9 0.0 104.6

Instrument :

MSVOA_U

ClientSampleId :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043679.D

Acq: 12 May 2021 15:53

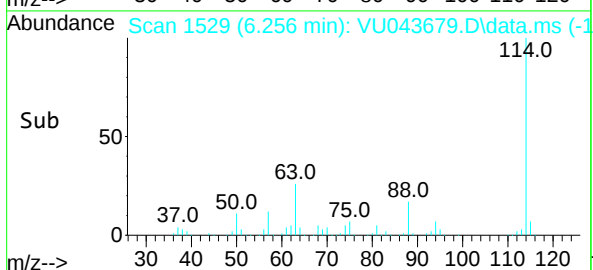
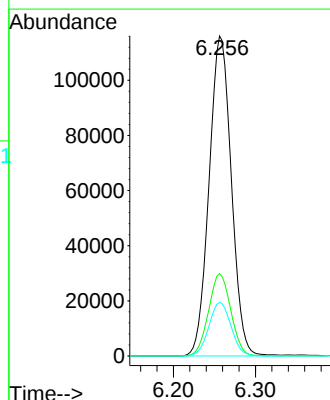
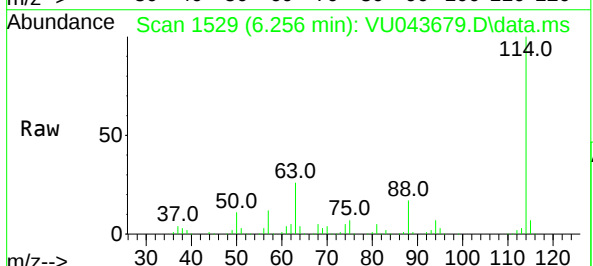
Tgt Ion: 114 Resp: 218502

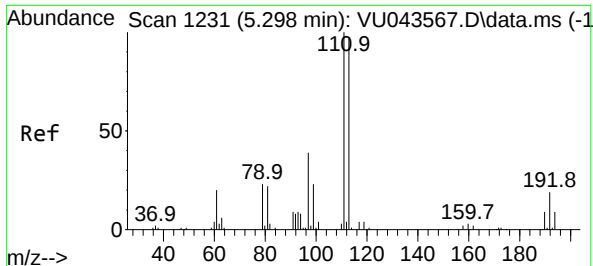
Ion Ratio Lower Upper

114 100

63 25.7 0.0 50.2

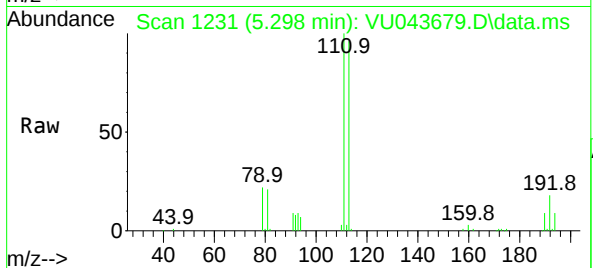
88 16.8 0.0 33.8



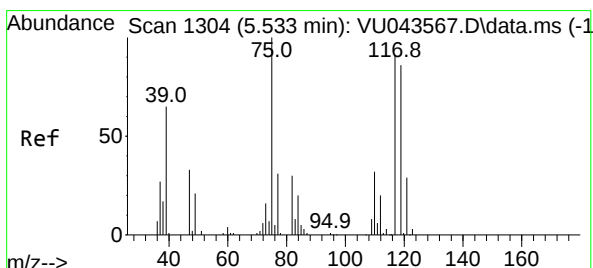
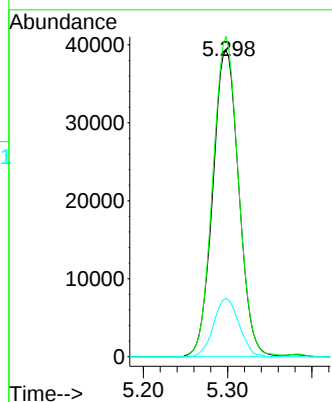
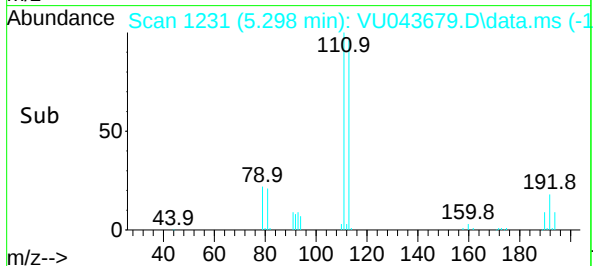


#35
Dibromofluoromethane
Concen: 46.75 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU043679.D
Acq: 12 May 2021 15:53

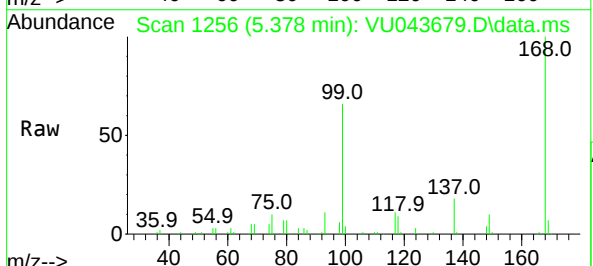
Instrument :
MSVOA_U
ClientSampleId :



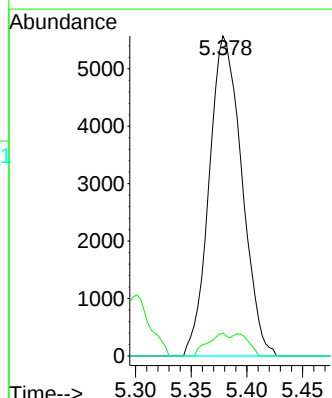
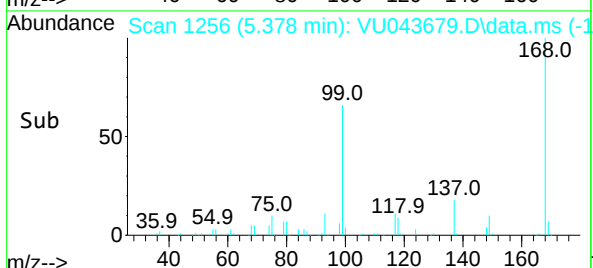
Tgt Ion:113 Resp: 84302
Ion Ratio Lower Upper
113 100
111 103.0 82.3 123.5
192 18.6 15.8 23.6

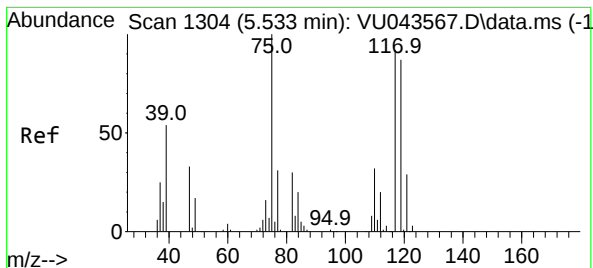


#36
1,1-Dichloropropene
Concen: 4.58 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.154 min
Lab File: VU043679.D
Acq: 12 May 2021 15:53



Tgt Ion: 75 Resp: 11350
Ion Ratio Lower Upper
75 100
110 4.7 16.2 48.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 4.94 ug/l

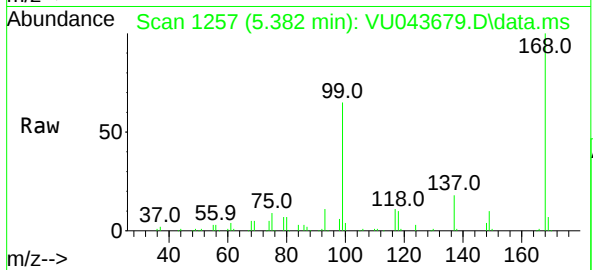
RT: 5.382 min Scan# 1257

Delta R.T. -0.151 min

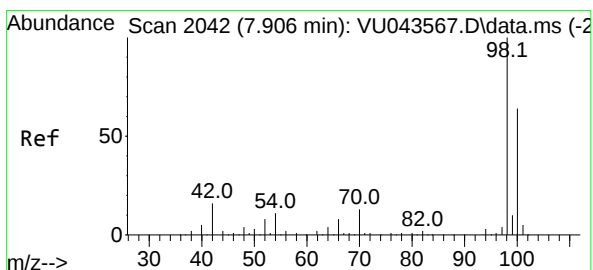
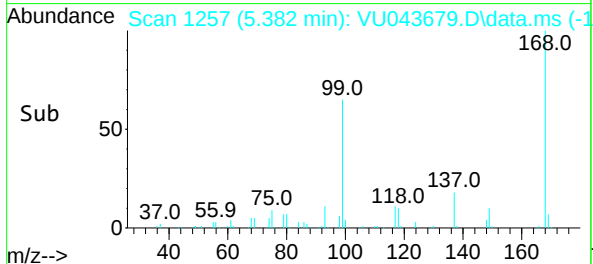
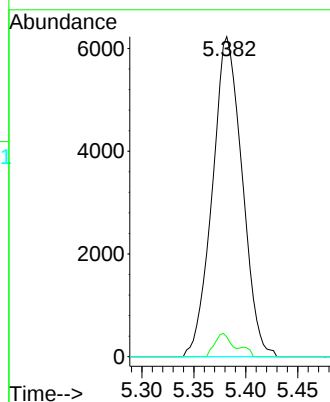
Lab File: VU043679.D

Acq: 12 May 2021 15:53

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	117	Resp:	12425
Ion	Ratio	Lower	Upper
117	100		
119	6.1	75.4	113.0#
121	0.0	25.2	37.8#



#50

Toluene-d8

Concen: 48.81 ug/l

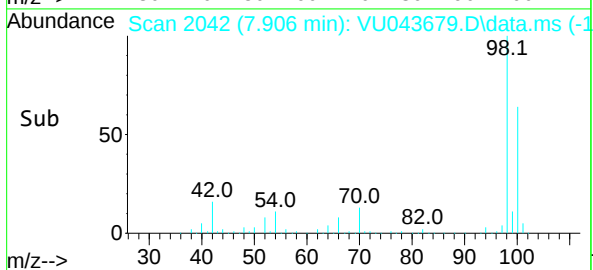
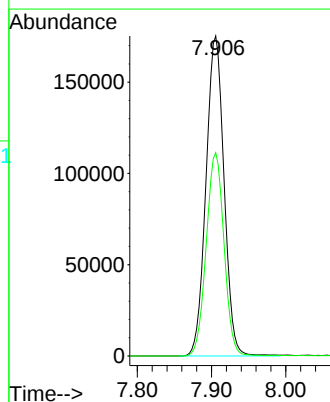
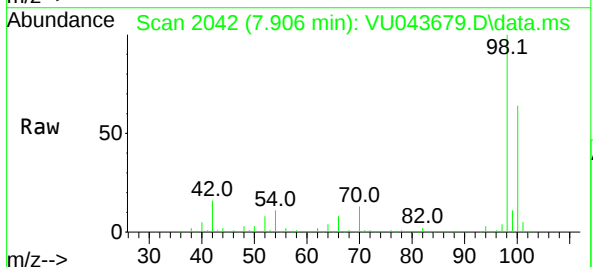
RT: 7.906 min Scan# 2042

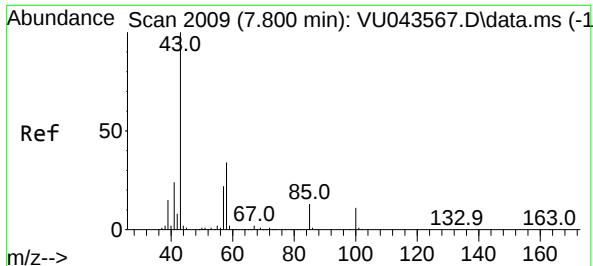
Delta R.T. -0.000 min

Lab File: VU043679.D

Acq: 12 May 2021 15:53

Tgt Ion:	98	Resp:	296157
Ion	Ratio	Lower	Upper
98	100		
100	62.5	50.5	75.7

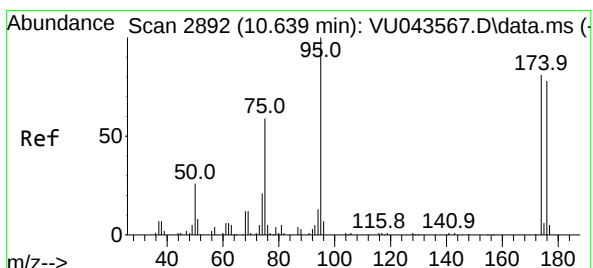
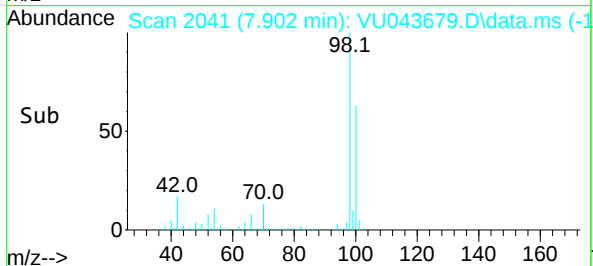
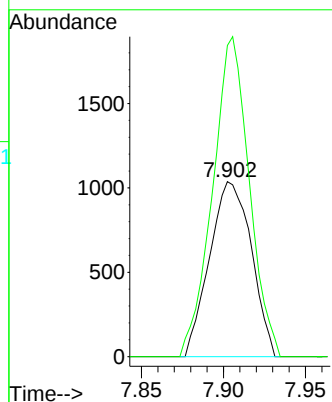
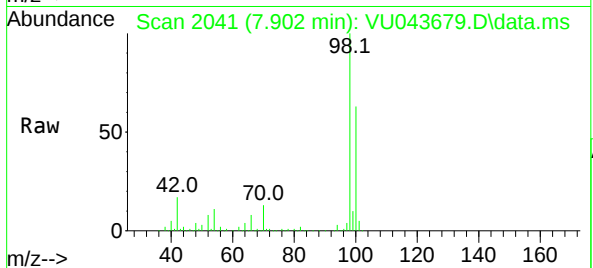




#51
4-Methyl-2-Pentanone
Concen: 19.52 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.102 min
Lab File: VU043679.D
Acq: 12 May 2021 15:53

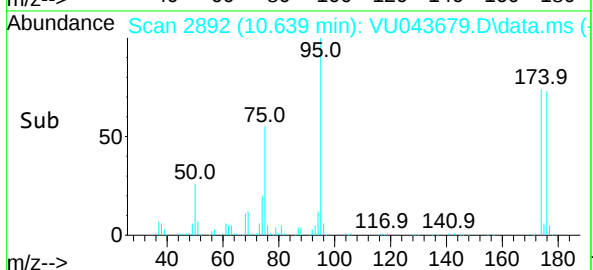
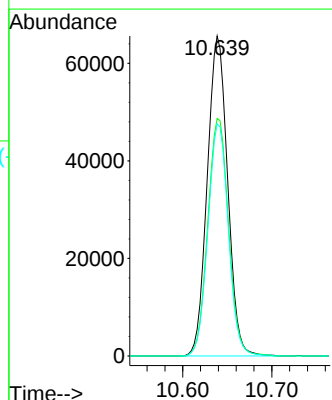
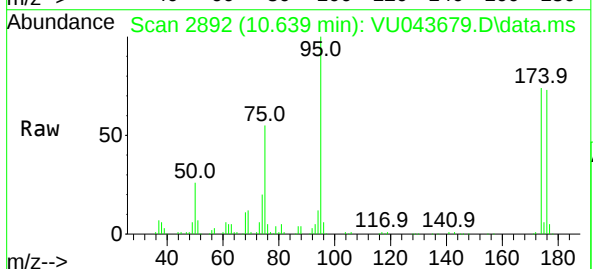
Instrument :
MSVOA_U
ClientSampled :

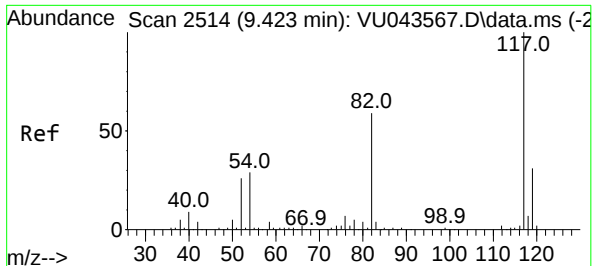
Tgt Ion: 43 Resp: 1834
Ion Ratio Lower Upper
43 100
58 160.4 27.2 40.8#



#62
4-Bromofluorobenzene
Concen: 43.97 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043679.D
Acq: 12 May 2021 15:53

Tgt Ion: 95 Resp: 103969
Ion Ratio Lower Upper
95 100
174 76.0 0.0 158.8
176 72.6 0.0 155.6

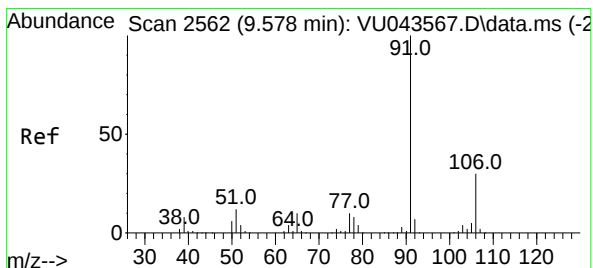
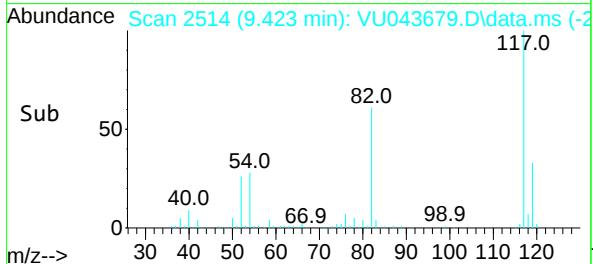
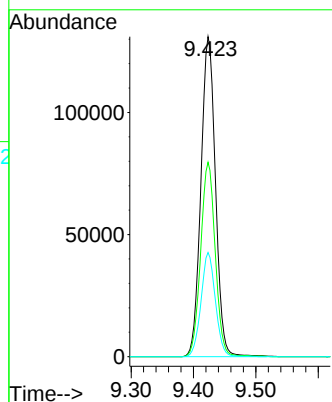
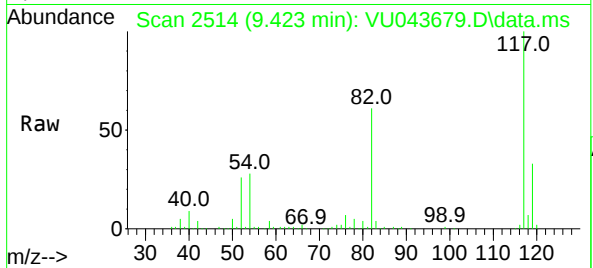




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043679.D
Acq: 12 May 2021 15:53

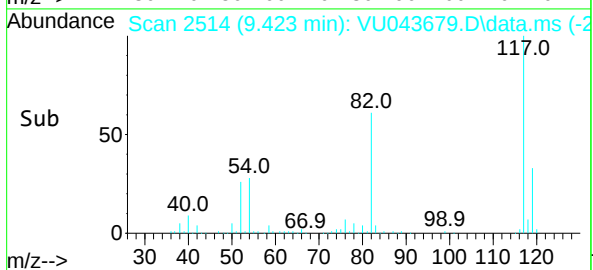
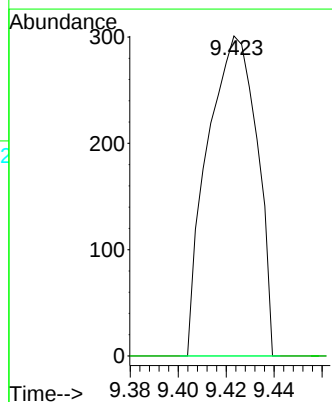
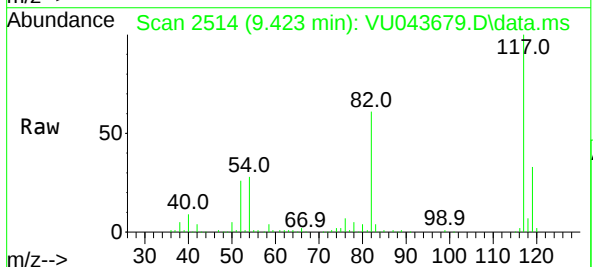
Instrument :
MSVOA_U
ClientSampled :

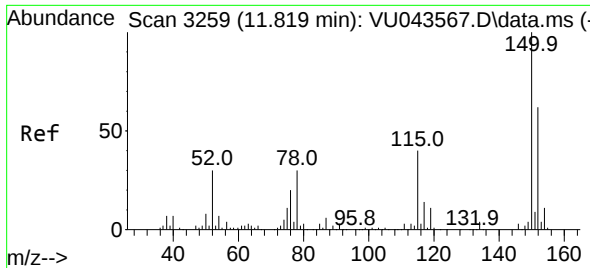
Tgt Ion:117 Resp: 213213
Ion Ratio Lower Upper
117 100
82 60.7 47.5 71.3
119 32.5 24.7 37.1



#67
Ethyl Benzene
Concen: 1.50 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.155 min
Lab File: VU043679.D
Acq: 12 May 2021 15:53

Tgt Ion: 91 Resp: 430
Ion Ratio Lower Upper
91 100
106 0.0 24.0 36.0#

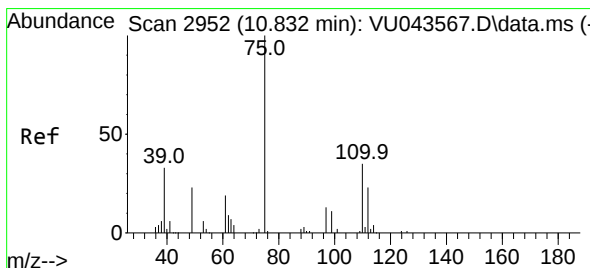
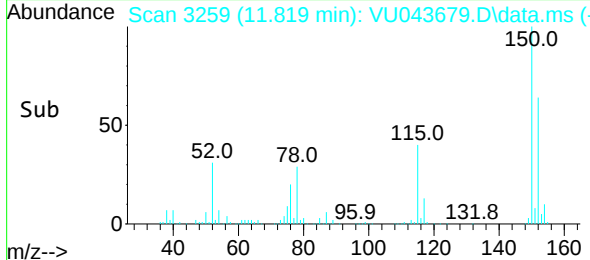
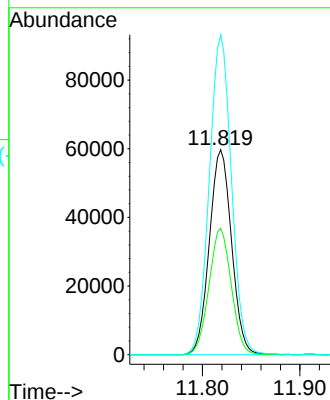
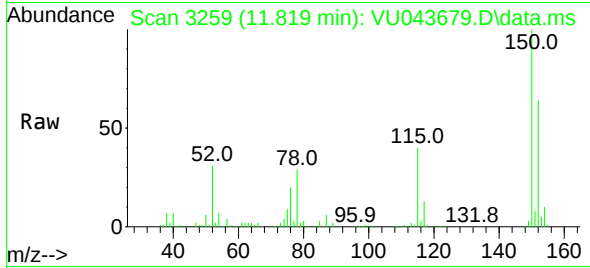




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043679.D
 Acq: 12 May 2021 15:53

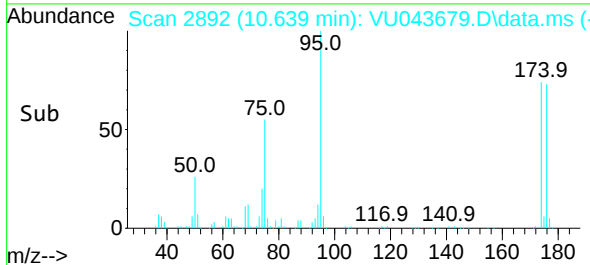
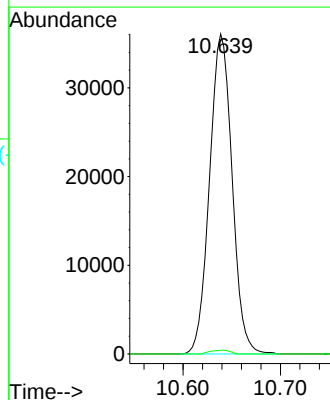
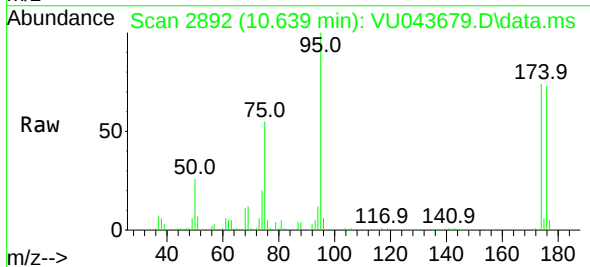
Instrument :
 MSVOA_U
 ClientSampled :

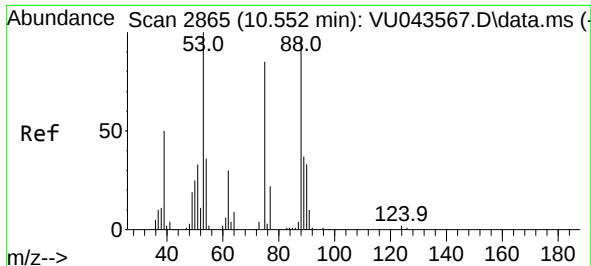
Tgt Ion:152 Resp: 94498
 Ion Ratio Lower Upper
 152 100
 115 61.7 46.1 138.3
 150 155.6 0.0 361.0



#76
 1,2,3-Trichloropropane
 Concen: 19.32 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU043679.D
 Acq: 12 May 2021 15:53

Tgt Ion: 75 Resp: 58040
 Ion Ratio Lower Upper
 75 100
 77 1.0 17.1 51.3#

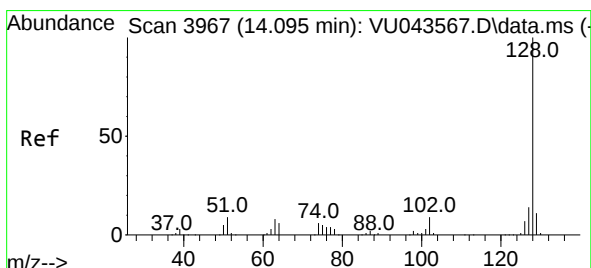
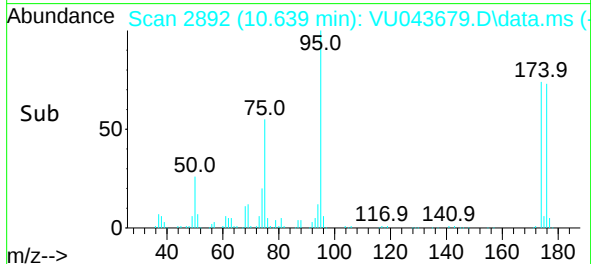
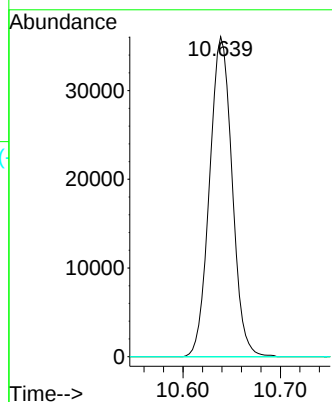
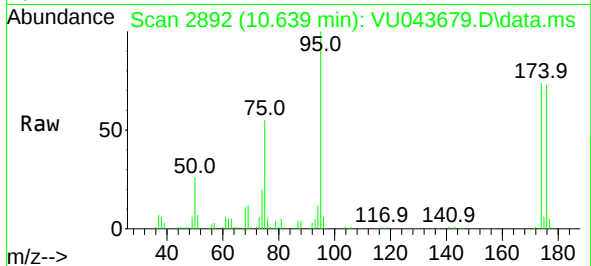




#81
trans-1,4-Dichloro-2-butene
Concen: 62.91 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU043679.D
Acq: 12 May 2021 15:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 58040
Ion Ratio Lower Upper
75 100
53 0.0 95.8 143.8#
89 0.0 36.1 54.1#



#95
Naphthalene
Concen: 1.64 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU043679.D
Acq: 12 May 2021 15:53

Tgt Ion:128 Resp: 942
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.6 12.8#

