

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
 Data File : VU043076.D
 Acq On : 14 Apr 2021 01:24
 Operator : SY/MD
 Sample : M1966-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 14 05:10:41 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)

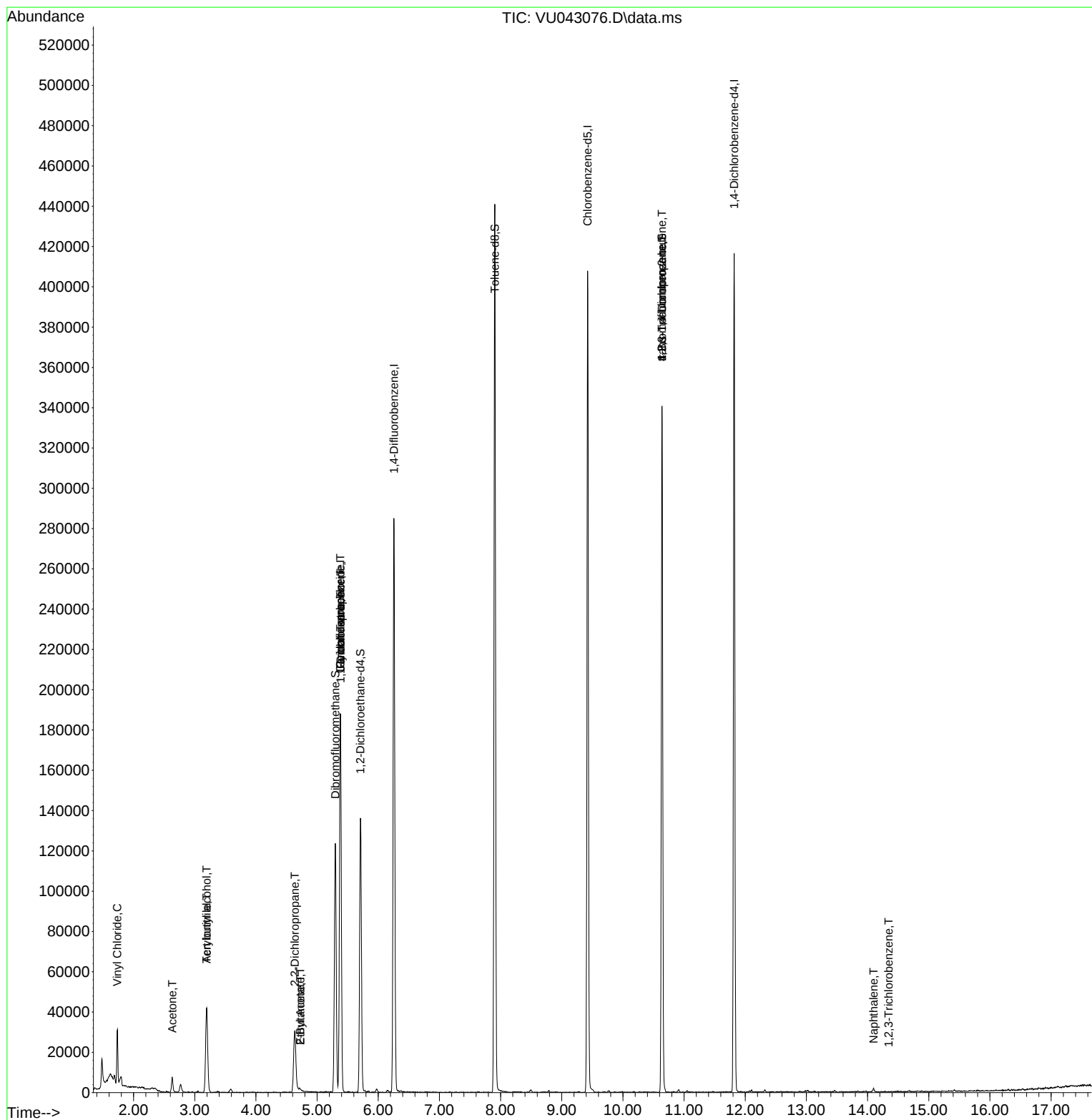
Internal Standards						
1) Pentafluorobenzene	5.382	168	130708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	215431	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	203123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	100518	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	105204	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
35) Dibromofluoromethane	5.298	113	75497	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
50) Toluene-d8	7.906	98	269510	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
62) 4-Bromofluorobenzene	10.639	95	99924	43.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.12%	
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	416	Below Cal	#	41
4) Vinyl Chloride	1.732	62	617	0.42	ug/l #	27
11) Tert butyl alcohol	3.195	59	29533	52.15	ug/l	99
15) Acrylonitrile	3.195	53	526	0.43	ug/l #	18
16) Acetone	2.633	43	8285	6.11	ug/l #	89
25) 2-Butanone	4.726	43	1260	0.63	ug/l #	54
26) 2,2-Dichloropropane	4.636	77	1689	0.67	ug/l #	55
31) Cyclohexane	5.382	56	3075	1.13	ug/l #	32
36) 1,1-Dichloropropene	5.385	75	11105	4.86	ug/l #	50
37) Ethyl Acetate	4.726	43	1260	0.32	ug/l #	71
38) Carbon Tetrachloride	5.378	117	12578	5.13	ug/l #	18
76) 1,2,3-Trichloropropane	10.639	75	56737	19.32	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	56737	56.76	ug/l #	7
95) Naphthalene	14.098	128	1773	2.97	ug/l #	86
96) 1,2,3-Trichlorobenzene	14.343	180	43	1.48	ug/l #	1

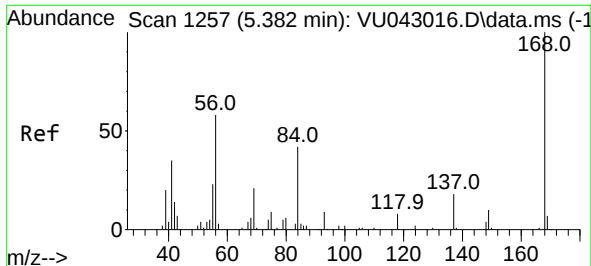
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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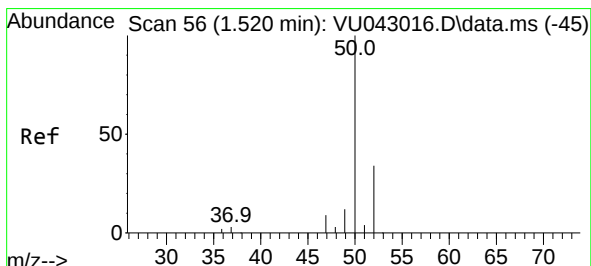
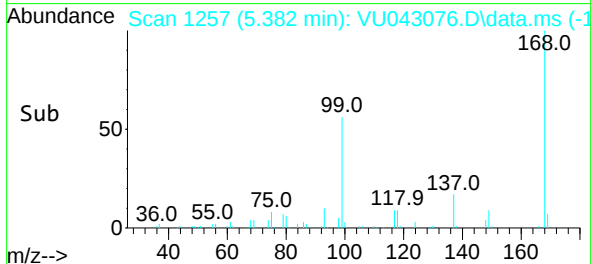
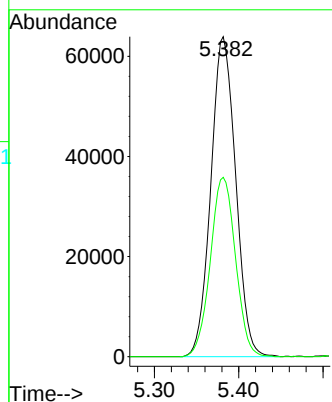
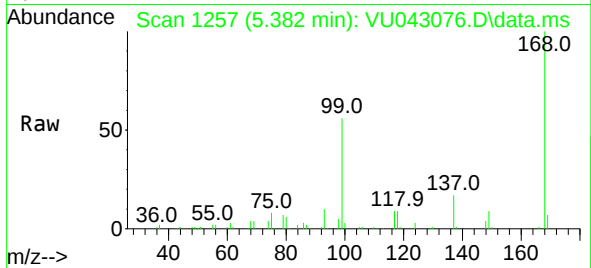




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043076.D
Acq: 14 Apr 2021 01:24

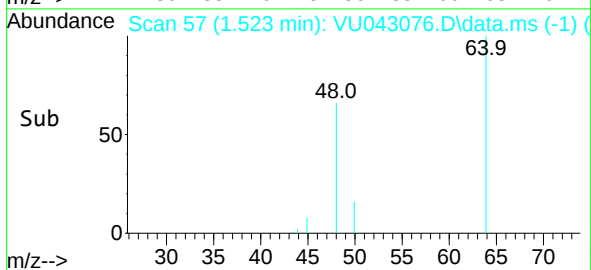
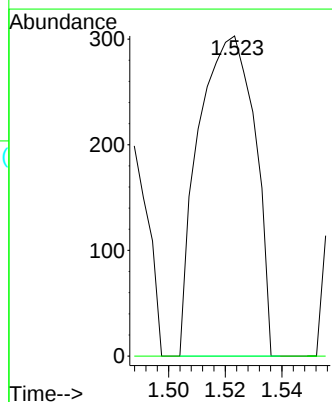
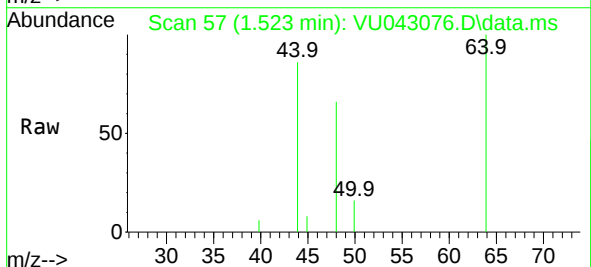
Instrument :
MSVOA_U
ClientSampleId :

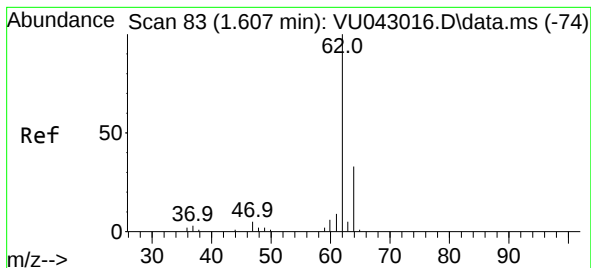
Tgt Ion:168 Resp: 130708
Ion Ratio Lower Upper
168 100
99 56.1 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043076.D
Acq: 14 Apr 2021 01:24

Tgt Ion: 50 Resp: 416
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

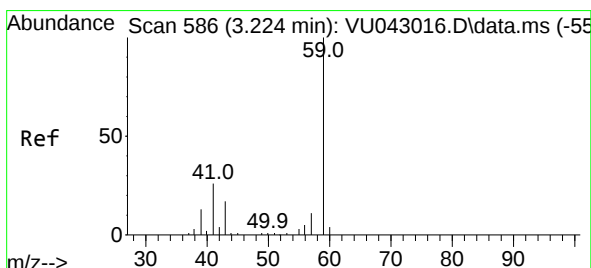
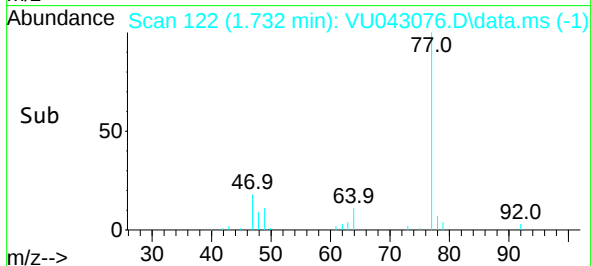
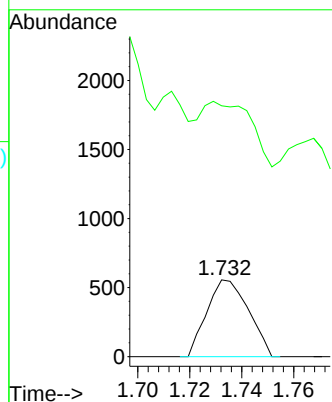
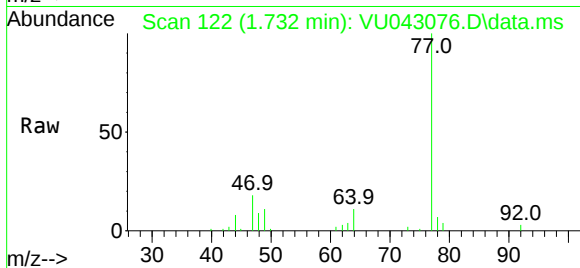




#4
 Vinyl Chloride
 Concen: 0.42 ug/l
 RT: 1.732 min Scan# 122
 Delta R.T. 0.125 min
 Lab File: VU043076.D
 Acq: 14 Apr 2021 01:24

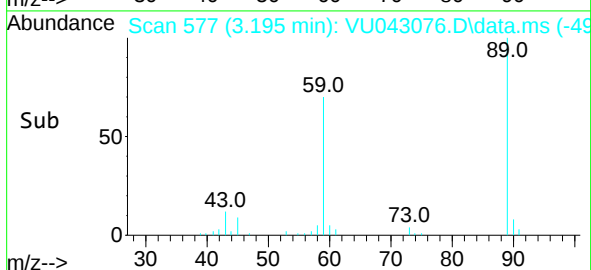
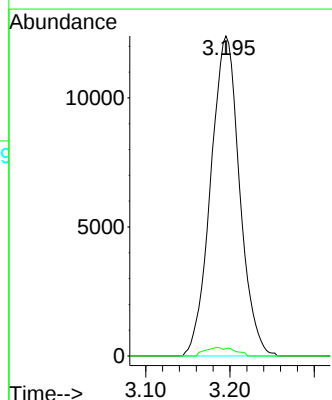
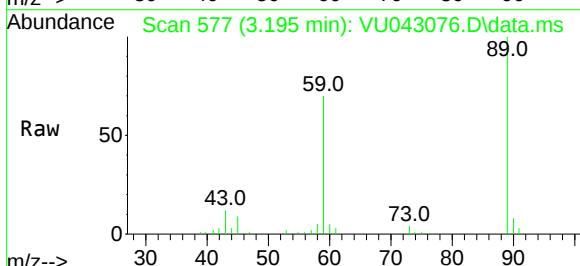
Instrument :
 MSVOA_U
 ClientSampled :

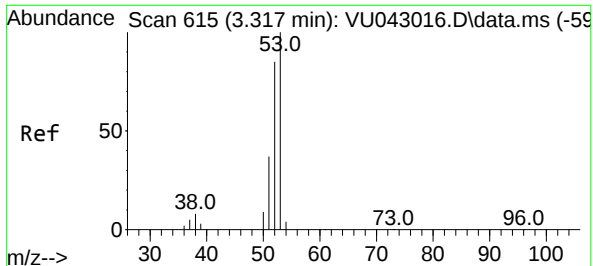
Tgt Ion: 62 Resp: 617
 Ion Ratio Lower Upper
 62 100
 64 72.1 25.2 37.8#



#11
 Tert butyl alcohol
 Concen: 52.15 ug/l
 RT: 3.195 min Scan# 577
 Delta R.T. -0.029 min
 Lab File: VU043076.D
 Acq: 14 Apr 2021 01:24

Tgt Ion: 59 Resp: 29533
 Ion Ratio Lower Upper
 59 100
 57 1.6 1.6 2.4

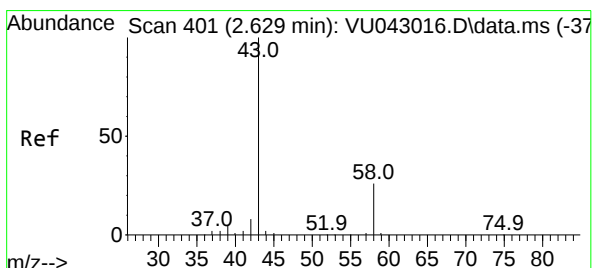
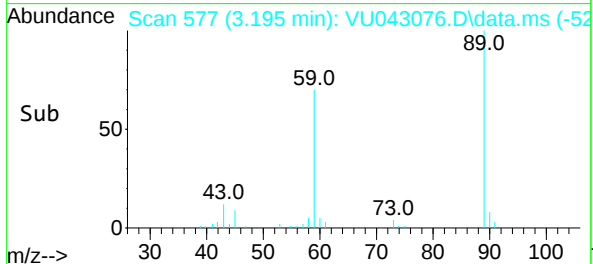
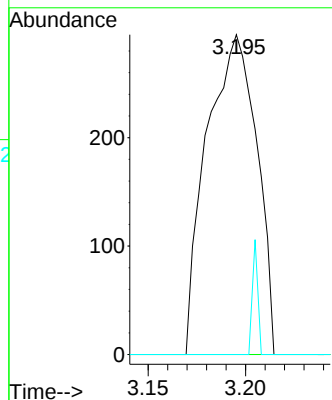
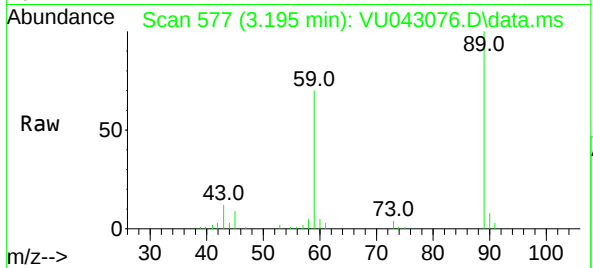




#15
Acrylonitrile
Concen: 0.43 ug/l
RT: 3.195 min Scan# 577
Delta R.T. -0.122 min
Lab File: VU043076.D
Acq: 14 Apr 2021 01:24

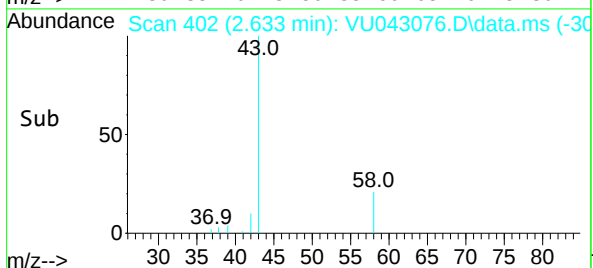
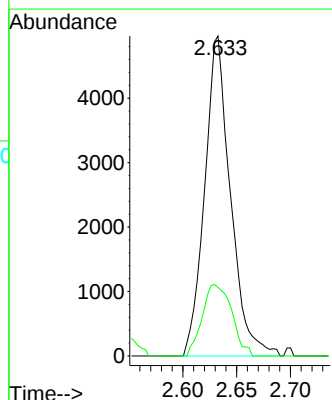
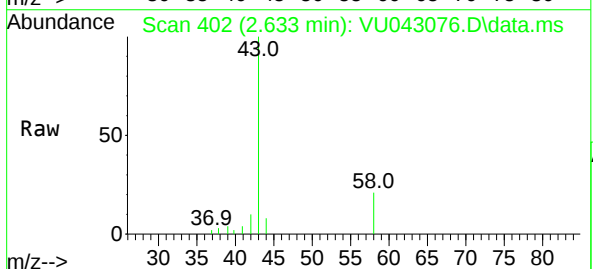
Instrument :
MSVOA_U
ClientSampleId :

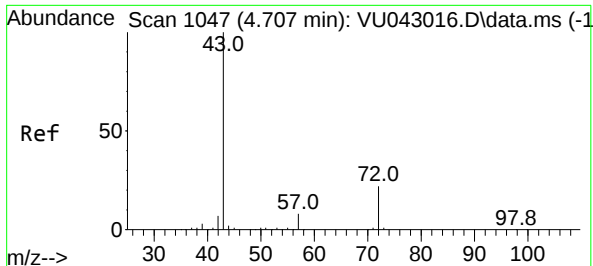
Tgt Ion: 53 Resp: 526
Ion Ratio Lower Upper
53 100
52 0.0 68.2 102.2#
51 3.8 29.2 43.8#



#16
Acetone
Concen: 6.11 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.004 min
Lab File: VU043076.D
Acq: 14 Apr 2021 01:24

Tgt Ion: 43 Resp: 8285
Ion Ratio Lower Upper
43 100
58 21.4 21.5 32.3#





#25

2-Butanone

Concen: 0.63 ug/l

RT: 4.726 min Scan# 1053

Delta R.T. 0.019 min

Lab File: VU043076.D

Acq: 14 Apr 2021 01:24

Tgt Ion: 43 Resp: 1260

Ion Ratio Lower Upper

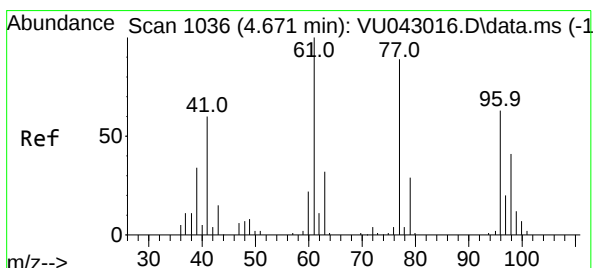
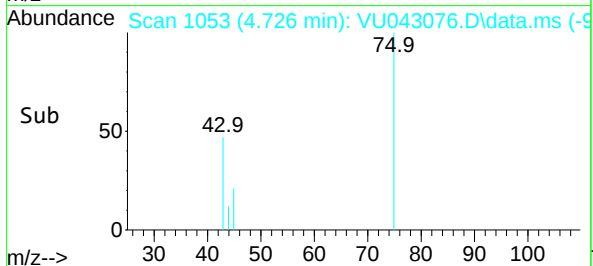
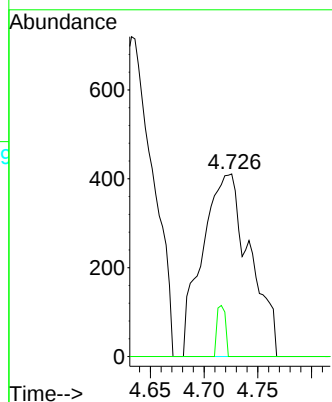
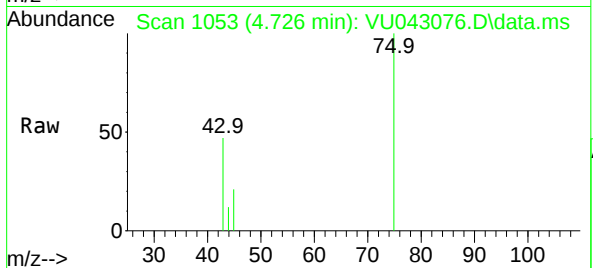
43 100

72 0.0 17.4 26.0#

Instrument :

MSVOA_U

ClientSampled :



#26

2,2-Dichloropropane

Concen: 0.67 ug/l

RT: 4.636 min Scan# 1025

Delta R.T. -0.035 min

Lab File: VU043076.D

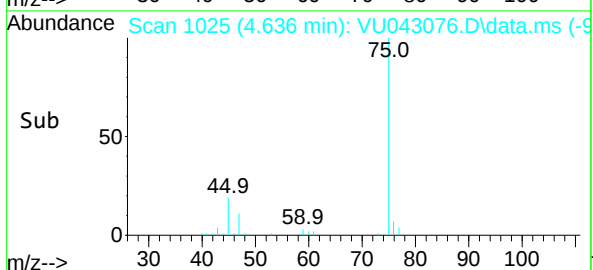
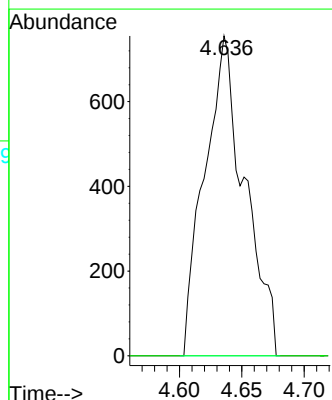
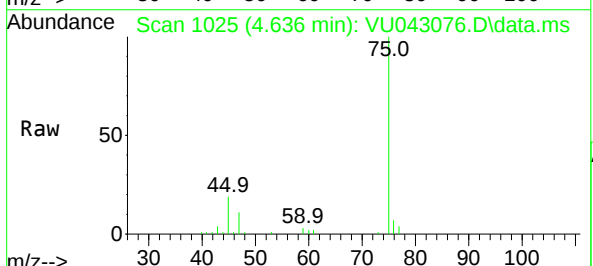
Acq: 14 Apr 2021 01:24

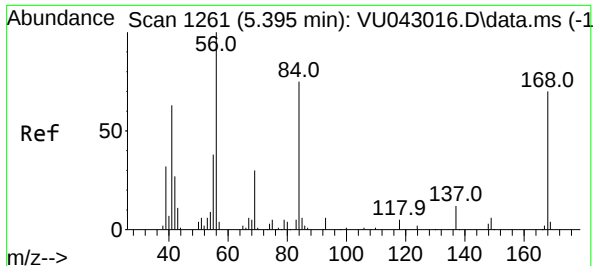
Tgt Ion: 77 Resp: 1689

Ion Ratio Lower Upper

77 100

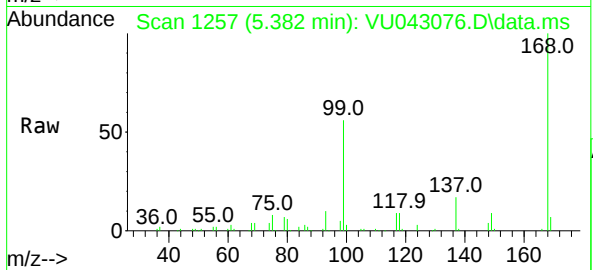
97 0.0 10.6 31.8#



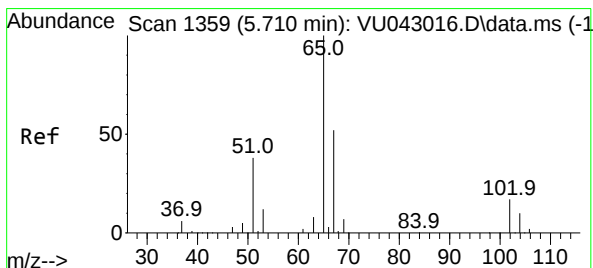
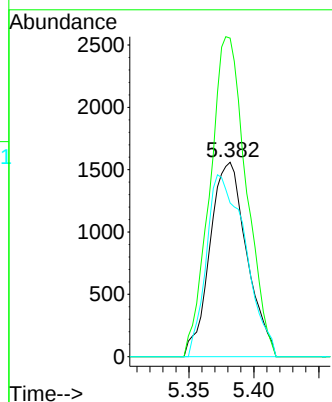
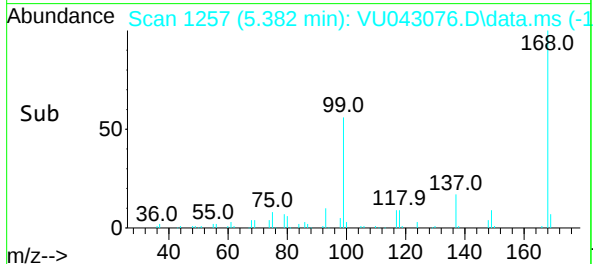


#31
Cyclohexane
Concen: 1.13 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043076.D
Acq: 14 Apr 2021 01:24

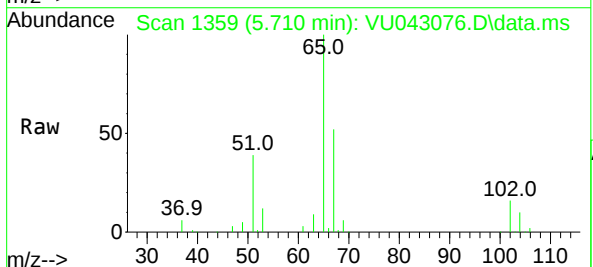
Instrument :
MSVOA_U
ClientSampleId :



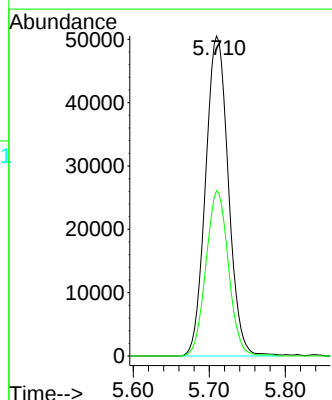
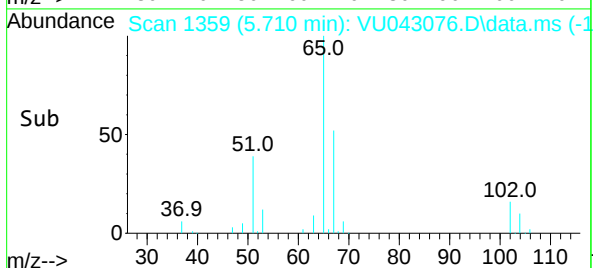
Tgt Ion: 56 Resp: 3075
Ion Ratio Lower Upper
56 100
69 164.0 24.9 37.3#
84 79.1 63.7 95.5

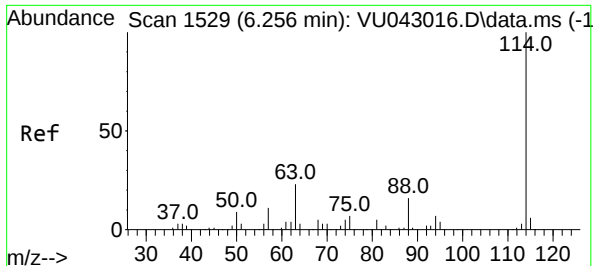


#33
1,2-Dichloroethane-d4
Concen: 47.88 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043076.D
Acq: 14 Apr 2021 01:24



Tgt Ion: 65 Resp: 105204
Ion Ratio Lower Upper
65 100
67 50.8 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: VU043076.D

Acq: 14 Apr 2021 01:24

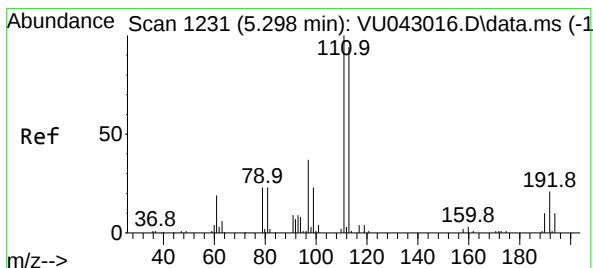
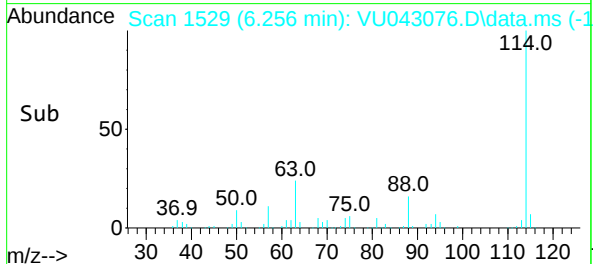
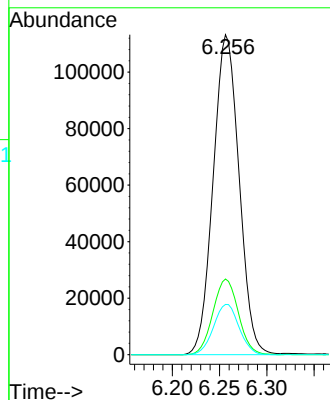
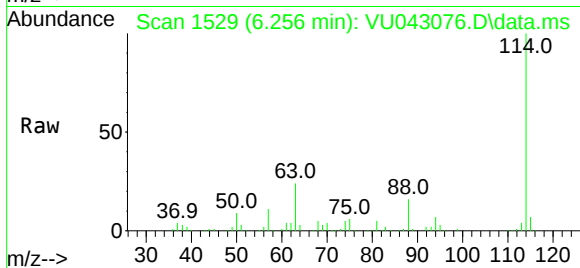
Tgt Ion:114 Resp: 215431

Ion Ratio Lower Upper

114 100

63 23.7 0.0 44.2

88 15.7 0.0 33.4



#35

Dibromofluoromethane

Concen: 46.64 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043076.D

Acq: 14 Apr 2021 01:24

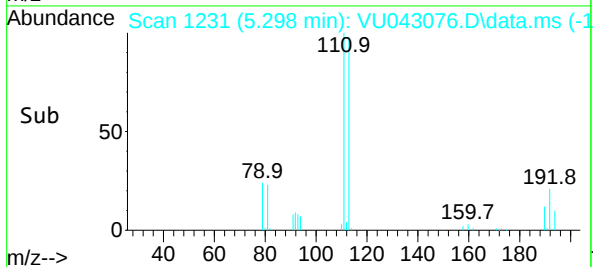
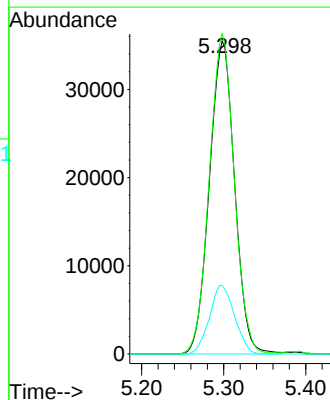
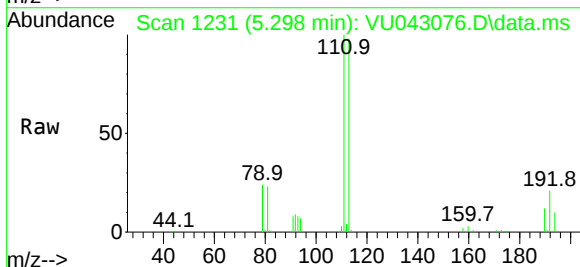
Tgt Ion:113 Resp: 75497

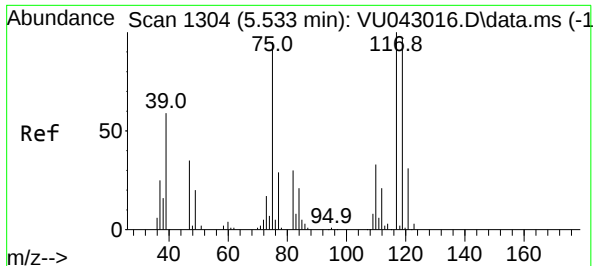
Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.8

192 21.8 17.2 25.8

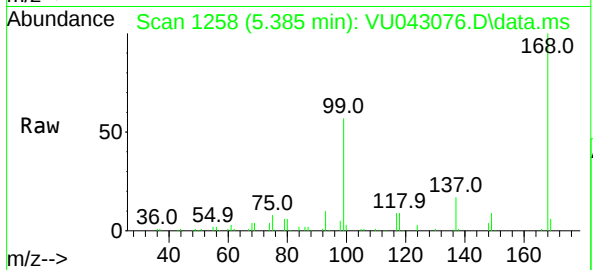




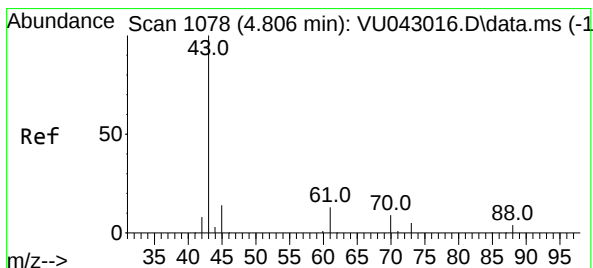
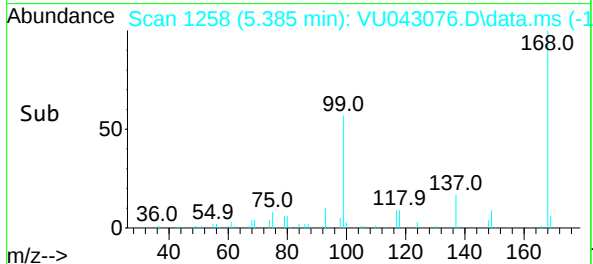
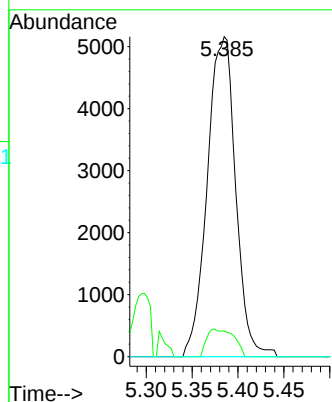
#36

1,1-Dichloropropene
Concen: 4.86 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU043076.D
Acq: 14 Apr 2021 01:24

Instrument :
MSVOA_U
ClientSampleId :



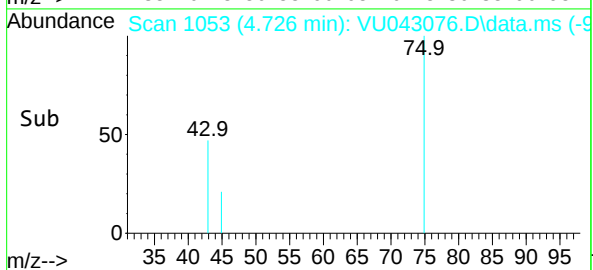
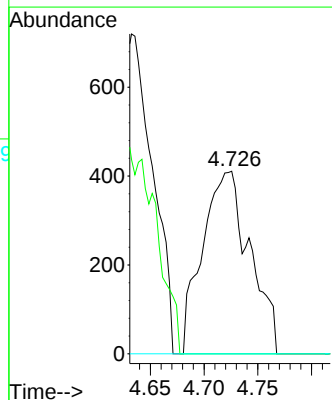
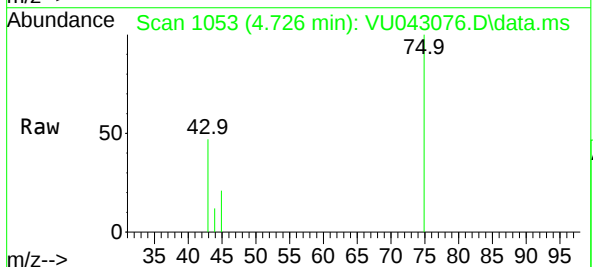
Tgt Ion: 75 Resp: 11105
Ion Ratio Lower Upper
75 100
110 8.2 16.8 50.3#
77 0.0 24.8 37.2#

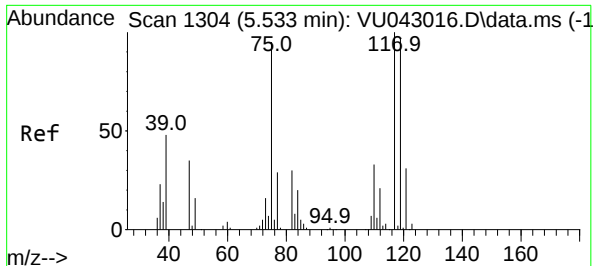


#37

Ethyl Acetate
Concen: 0.32 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. -0.080 min
Lab File: VU043076.D
Acq: 14 Apr 2021 01:24

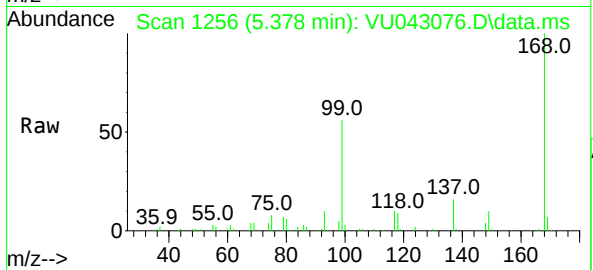
Tgt Ion: 43 Resp: 1260
Ion Ratio Lower Upper
43 100
61 0.0 10.1 15.1#
70 0.0 7.2 10.8#



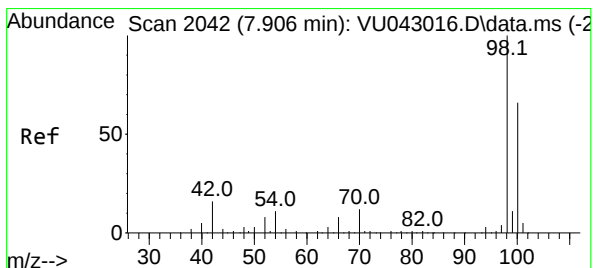
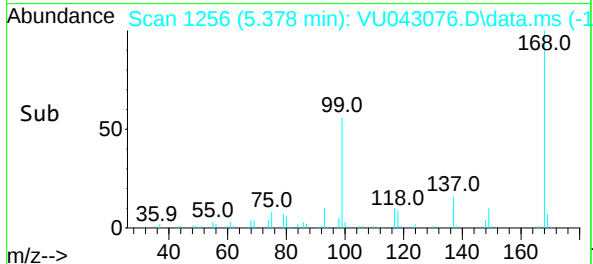
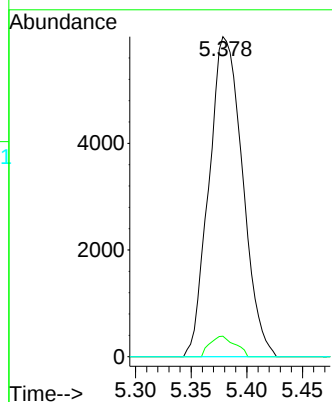


#38
Carbon Tetrachloride
Concen: 5.13 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.155 min
Lab File: VU043076.D
Acq: 14 Apr 2021 01:24

Instrument :
MSVOA_U
ClientSampleId :

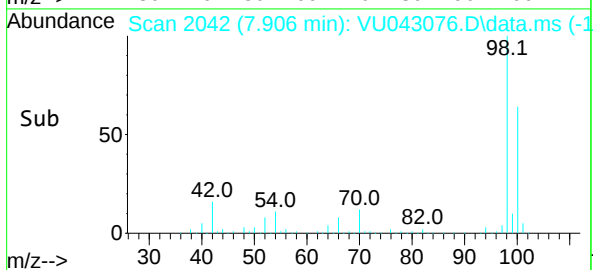
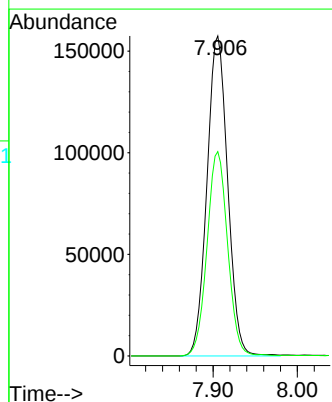
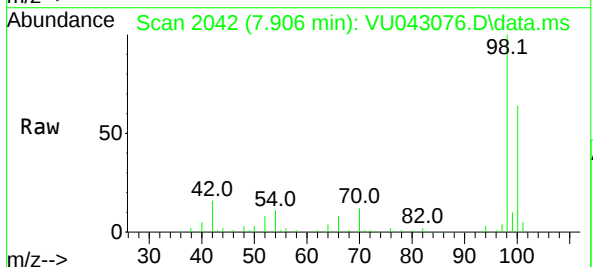


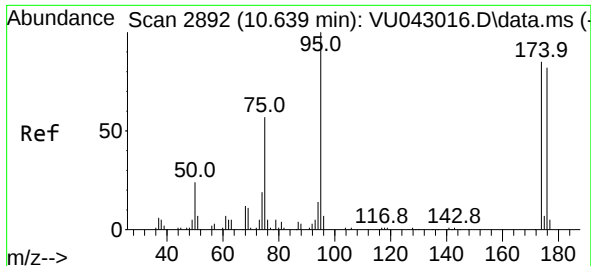
Tgt Ion:117 Resp: 12578
Ion Ratio Lower Upper
117 100
119 6.4 75.5 113.3#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 47.05 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043076.D
Acq: 14 Apr 2021 01:24

Tgt Ion: 98 Resp: 269510
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2

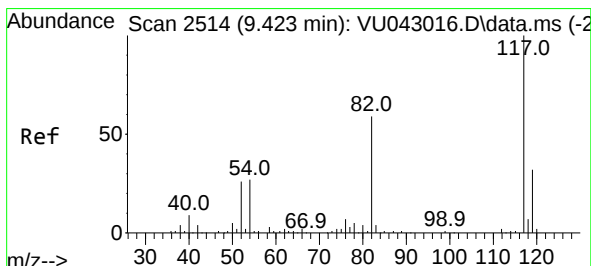
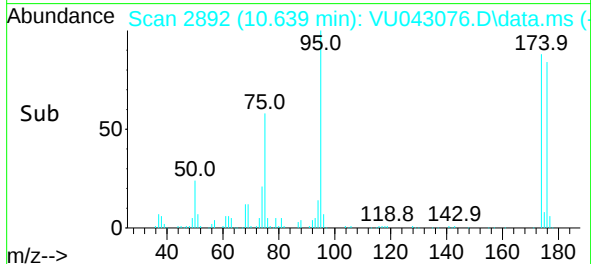
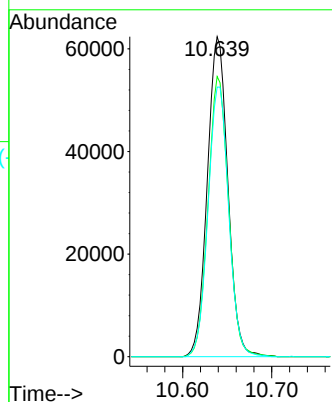
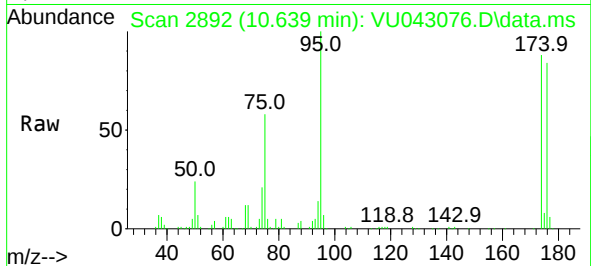




#62
4-Bromofluorobenzene
Concen: 43.56 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043076.D
Acq: 14 Apr 2021 01:24

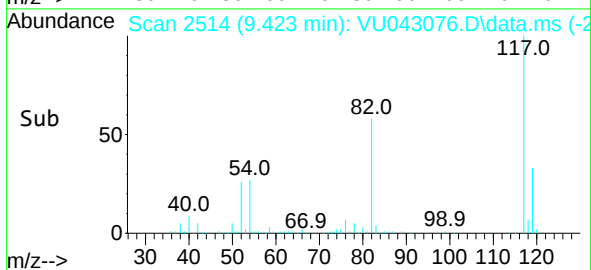
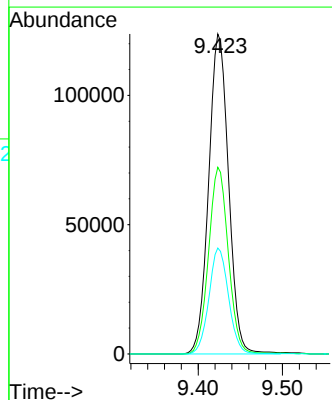
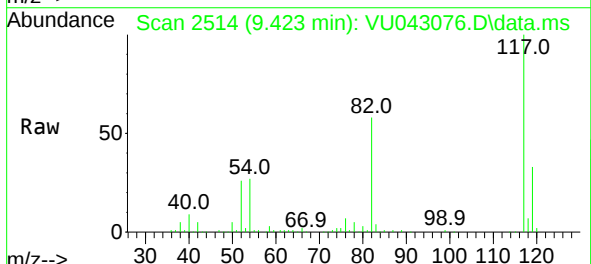
Instrument :
MSVOA_U
ClientSampleId :

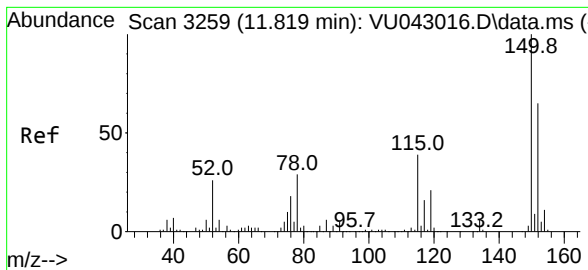
Tgt Ion: 95 Resp: 99924
Ion Ratio Lower Upper
95 100
174 87.0 0.0 172.2
176 84.7 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043076.D
Acq: 14 Apr 2021 01:24

Tgt Ion: 117 Resp: 203123
Ion Ratio Lower Upper
117 100
82 58.4 45.8 68.6
119 33.1 25.8 38.8

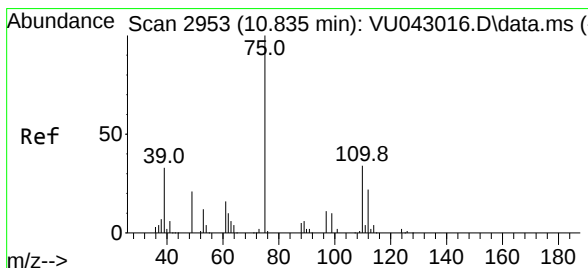
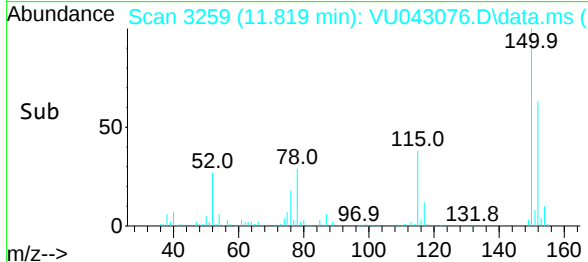
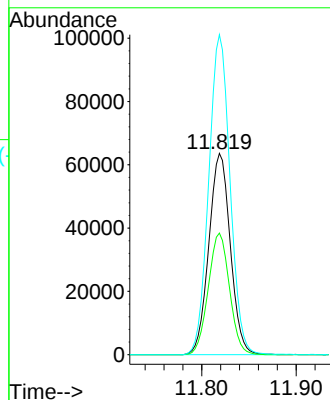
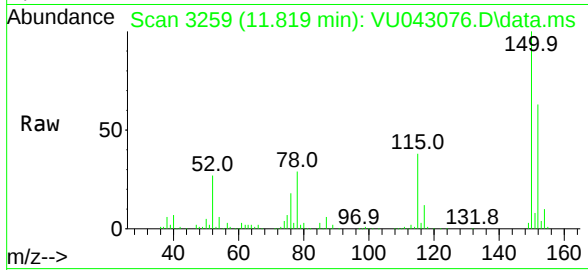




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043076.D
 Acq: 14 Apr 2021 01:24

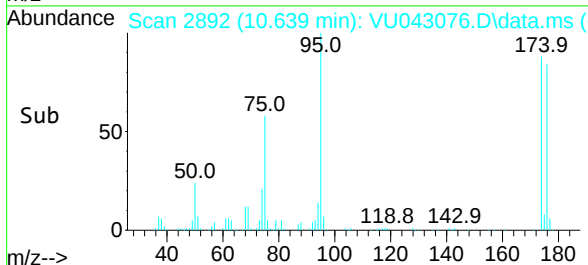
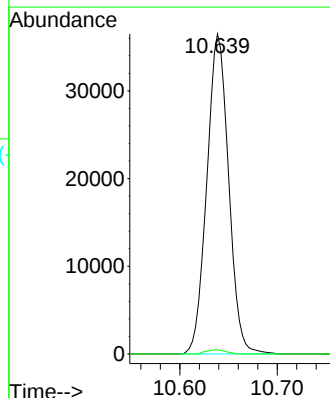
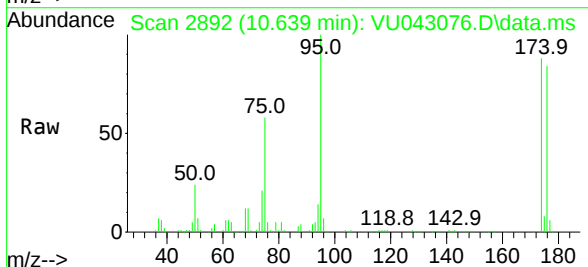
Instrument :
 MSVOA_U
 ClientSampled :

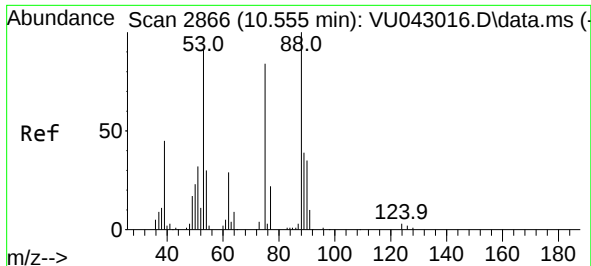
Tgt Ion:152 Resp: 100518
 Ion Ratio Lower Upper
 152 100
 115 59.5 41.5 124.6
 150 157.2 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 19.32 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043076.D
 Acq: 14 Apr 2021 01:24

Tgt Ion: 75 Resp: 56737
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.2 60.5#

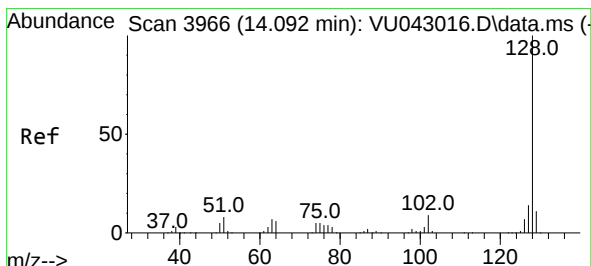
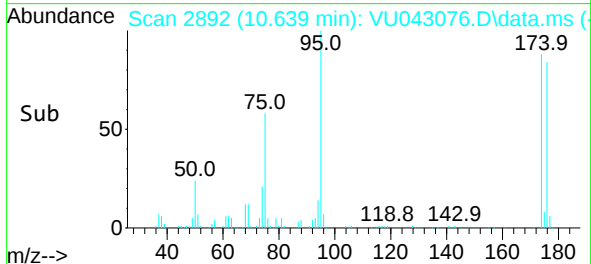
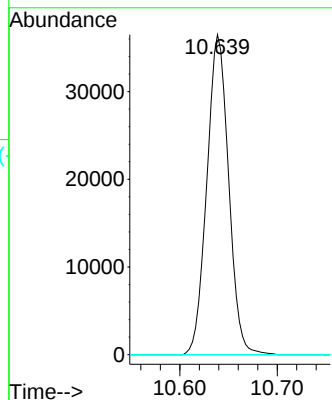
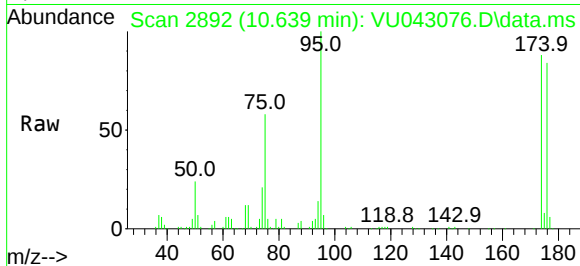




#81
trans-1,4-Dichloro-2-butene
Concen: 56.76 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043076.D
Acq: 14 Apr 2021 01:24

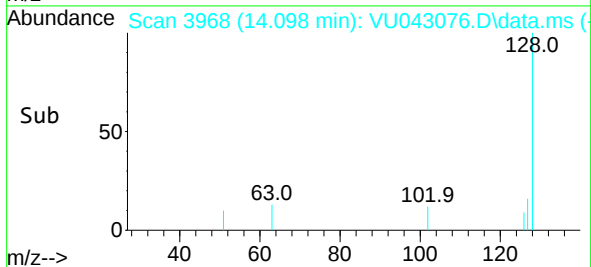
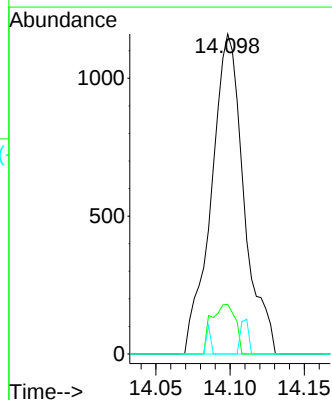
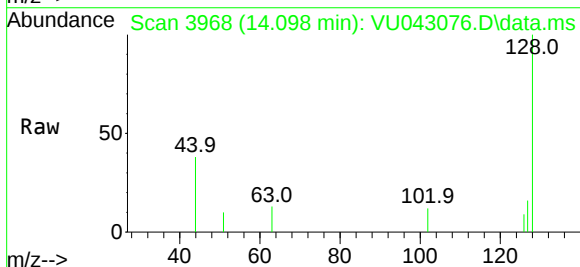
Instrument :
MSVOA_U
ClientSampleId :

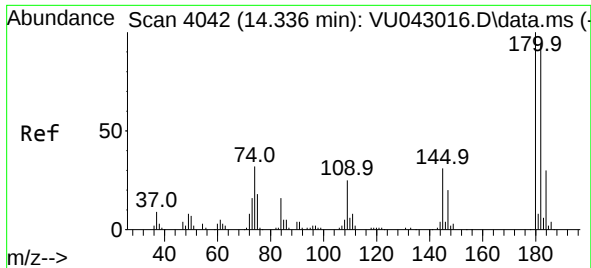
Tgt Ion: 75 Resp: 56737
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.97 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VU043076.D
Acq: 14 Apr 2021 01:24

Tgt Ion:128 Resp: 1773
Ion Ratio Lower Upper
128 100
127 11.3 10.8 16.2
129 1.1 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.48 ug/l
 RT: 14.343 min Scan# 4044
 Delta R.T. 0.007 min
 Lab File: VU043076.D
 Acq: 14 Apr 2021 01:24

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:180 Resp: 43
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.0 144.0#
 145 109.3 15.5 46.5#

