

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045639.D
 Acq On : 09 Nov 2021 01:08
 Operator : SY/MD
 Sample : M4504-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 09 11:15:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

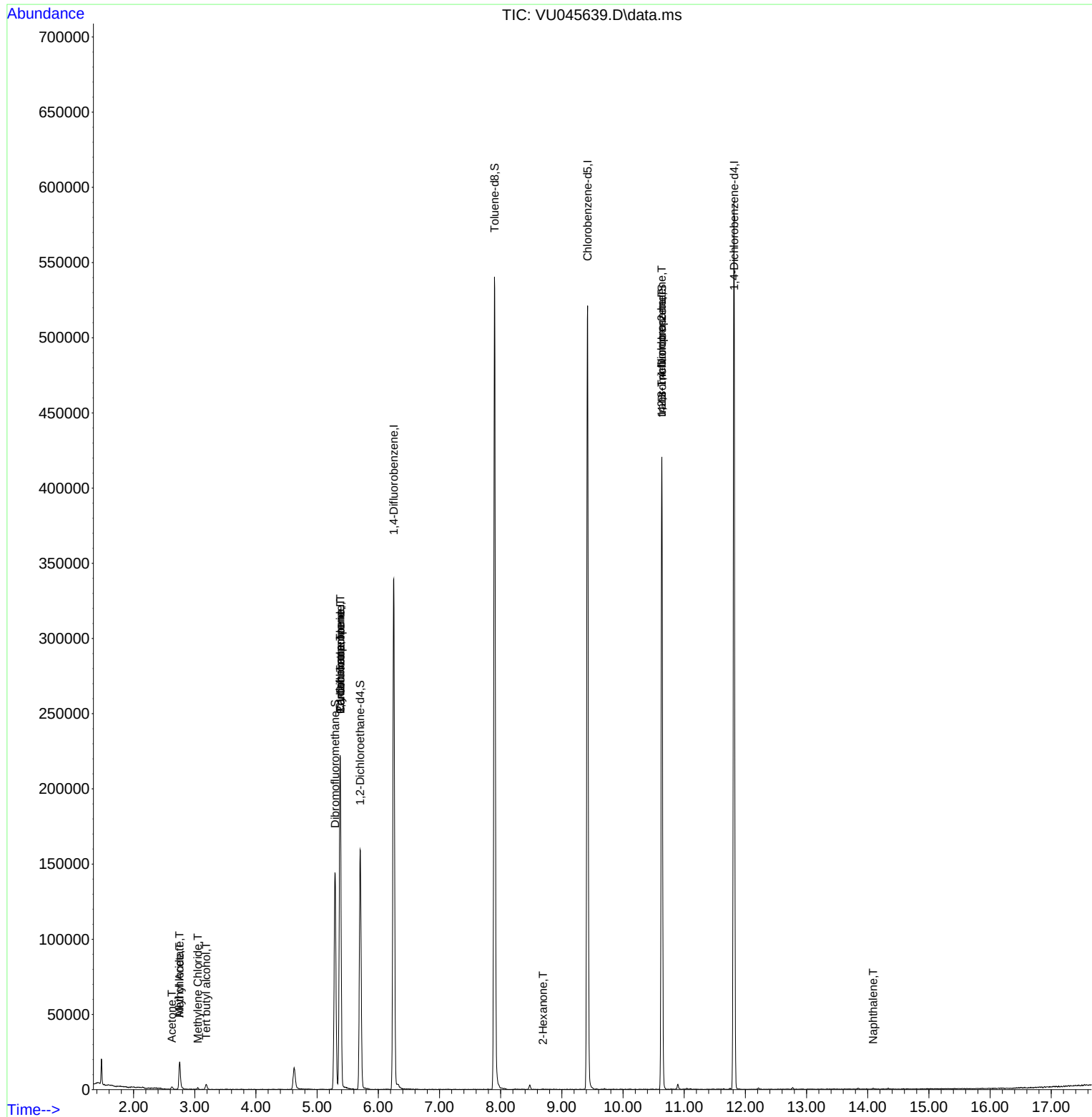
Internal Standards						
1) Pentafluorobenzene	5.379	168	148266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	274915	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	282995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	144587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	119482	53.810	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.620%	
35) Dibromofluoromethane	5.292	113	92765	50.540	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.080%	
50) Toluene-d8	7.899	98	360710	52.850	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.700%	
62) 4-Bromofluorobenzene	10.636	95	142940	52.228	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.186	59	2144	4.878	ug/l #	72
14) Allyl chloride	2.752	41	1648	0.566	ug/l #	60
16) Acetone	2.626	43	1962	1.736	ug/l	95
18) Methyl Acetate	2.752	43	4875	1.266	ug/l #	50
20) Methylene Chloride	3.047	84	502	0.256	ug/l	93
31) Cyclohexane	5.375	56	3381	1.044	ug/l #	1
36) 1,1-Dichloropropene	5.379	75	13032	4.862	ug/l #	49
38) Carbon Tetrachloride	5.379	117	15747	5.827	ug/l #	17
59) 2-Hexanone	8.690	43	205	7.608	ug/l #	49
76) 1,2,3-Trichloropropane	10.632	75	73873	16.848	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.632	75	73873	54.882	ug/l #	12
95) Naphthalene	14.089	128	755	1.092	ug/l #	69

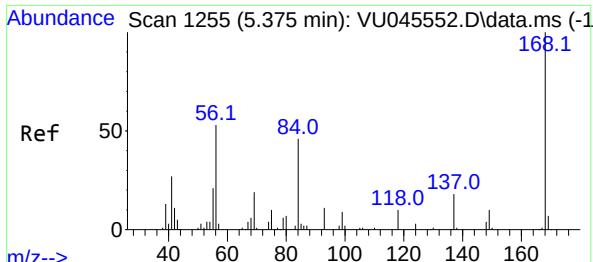
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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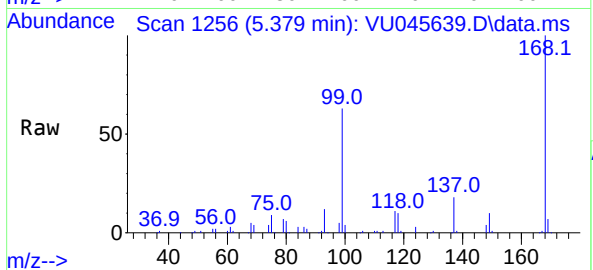
Quant Time: Nov 09 11:15:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
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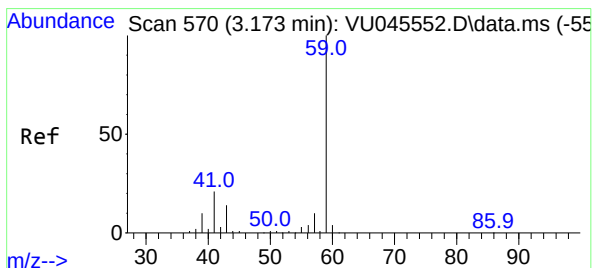
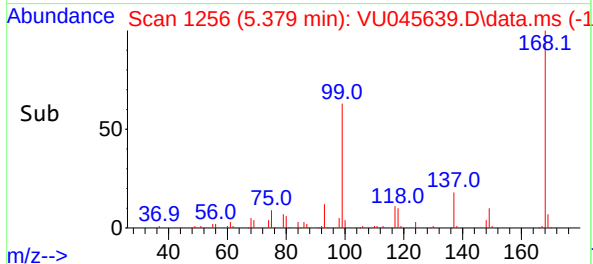
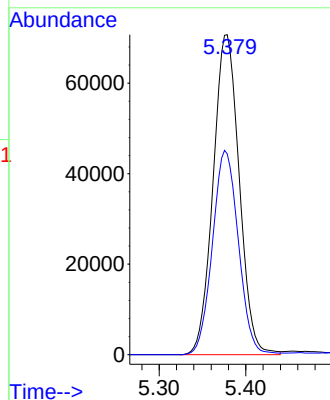


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045639.D
Acq: 09 Nov 2021 01:08

Instrument :
MSVOA_U
ClientSampleId :

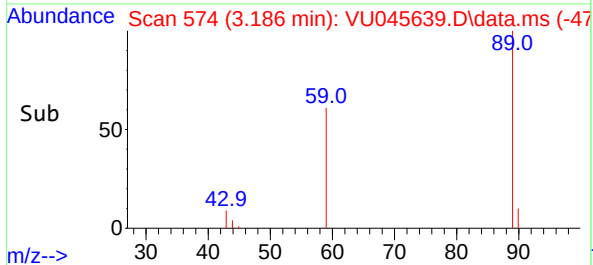
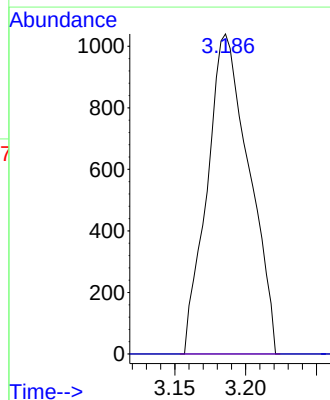
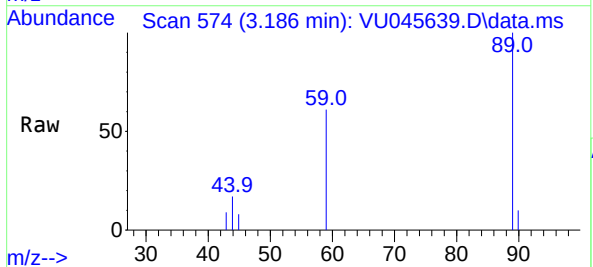


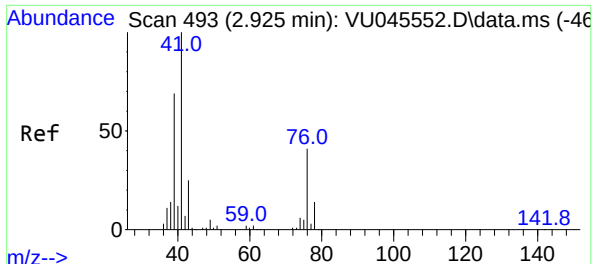
Tgt Ion:168 Resp: 148266
Ion Ratio Lower Upper
168 100
99 62.8 51.0 76.6



#11
Tert butyl alcohol
Concen: 4.878 ug/l
RT: 3.186 min Scan# 574
Delta R.T. 0.013 min
Lab File: VU045639.D
Acq: 09 Nov 2021 01:08

Tgt Ion: 59 Resp: 2144
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#14

Allyl chloride

Concen: 0.566 ug/l

RT: 2.752 min Scan# 41

Delta R.T. -0.174 min

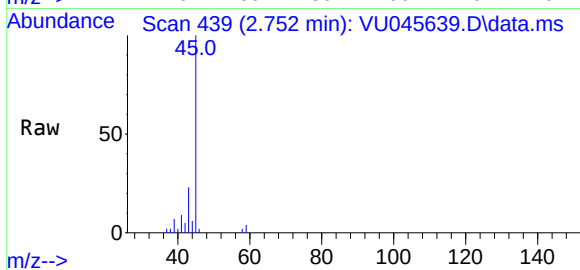
Lab File: VU045639.D

Acq: 09 Nov 2021 01:08

Instrument :

MSVOA_U

ClientSampleId :



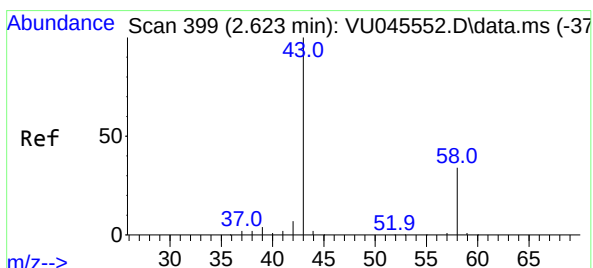
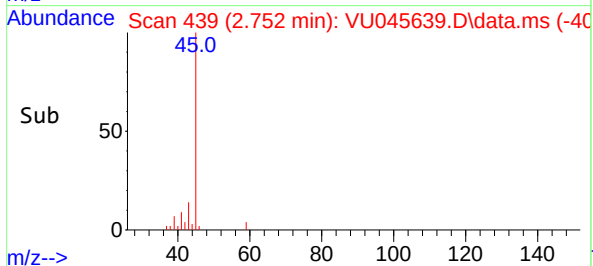
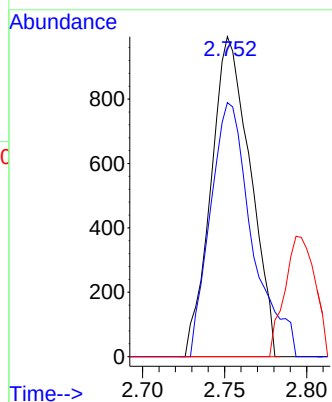
Tgt Ion: 41 Resp: 1648

Ion Ratio Lower Upper

41 100

39 84.5 49.7 74.5#

76 0.0 27.7 41.5#



#16

Acetone

Concen: 1.736 ug/l

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU045639.D

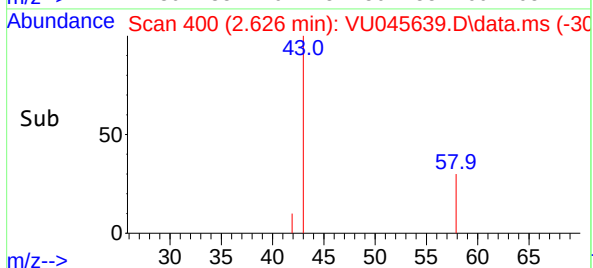
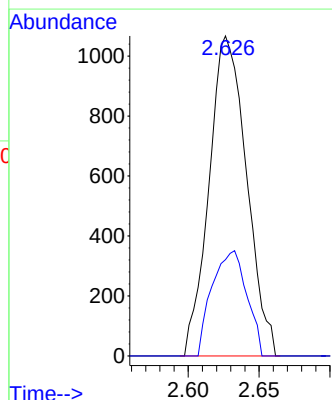
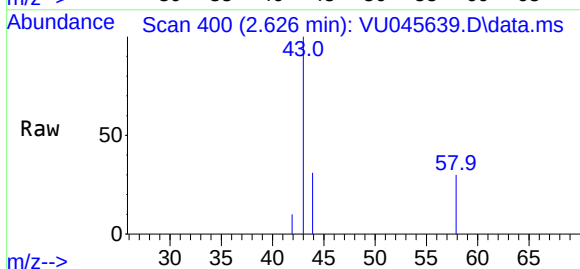
Acq: 09 Nov 2021 01:08

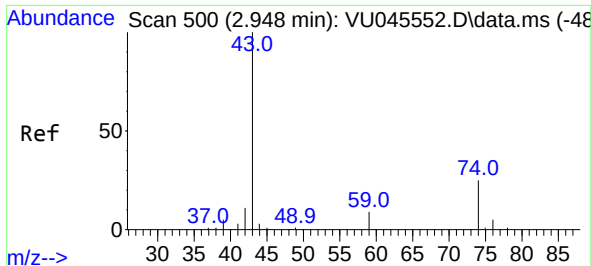
Tgt Ion: 43 Resp: 1962

Ion Ratio Lower Upper

43 100

58 30.1 26.2 39.2

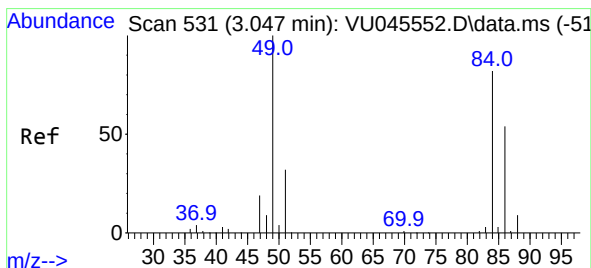
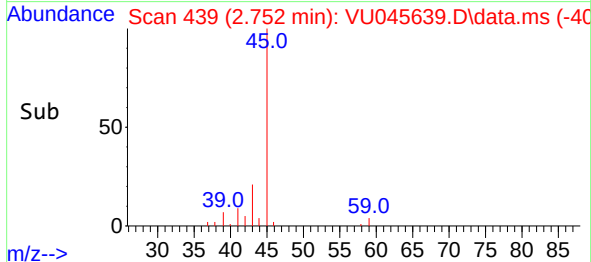
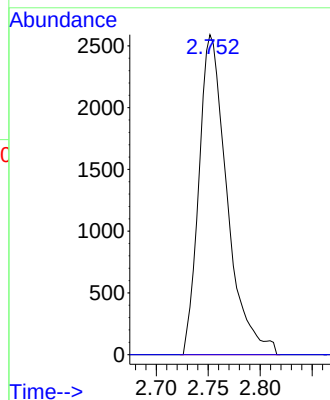
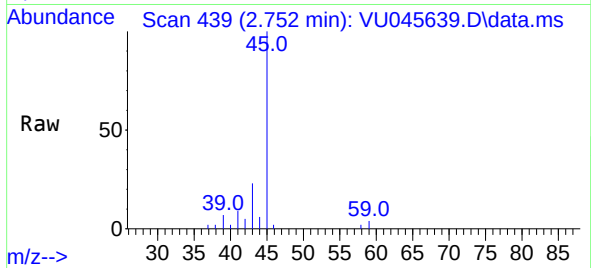




#18
Methyl Acetate
Concen: 1.266 ug/l
RT: 2.752 min Scan# 41
Delta R.T. -0.196 min
Lab File: VU045639.D
Acq: 09 Nov 2021 01:08

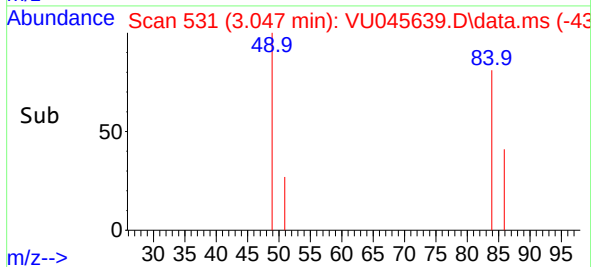
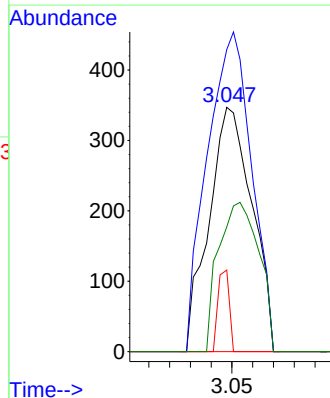
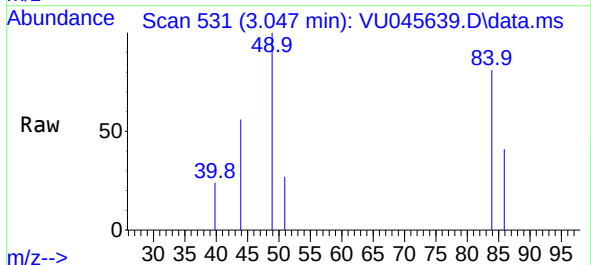
Instrument :
MSVOA_U
ClientSampleId :

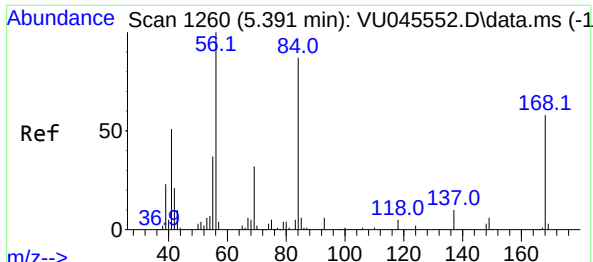
Tgt Ion: 43 Resp: 4875
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 0.256 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045639.D
Acq: 09 Nov 2021 01:08

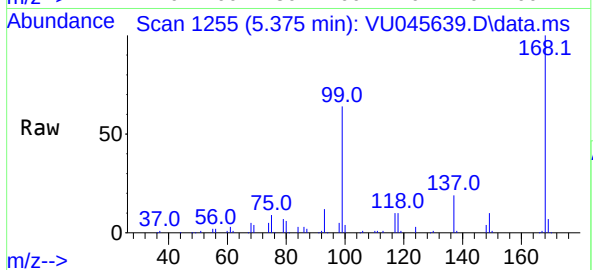
Tgt Ion: 84 Resp: 502
Ion Ratio Lower Upper
84 100
49 123.6 96.4 144.6
51 33.4 30.5 45.7
86 51.0 50.3 75.5



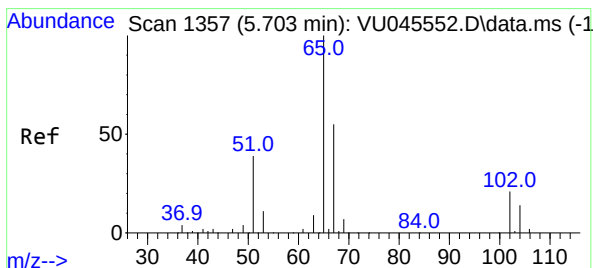
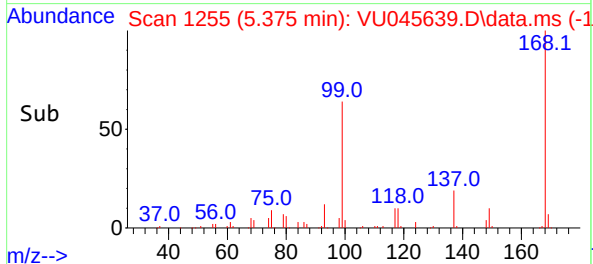
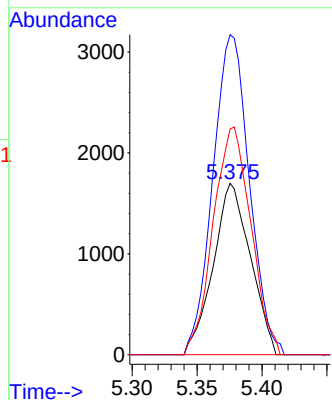


#31
Cyclohexane
Concen: 1.044 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VU045639.D
Acq: 09 Nov 2021 01:08

Instrument :
MSVOA_U
ClientSampleId :

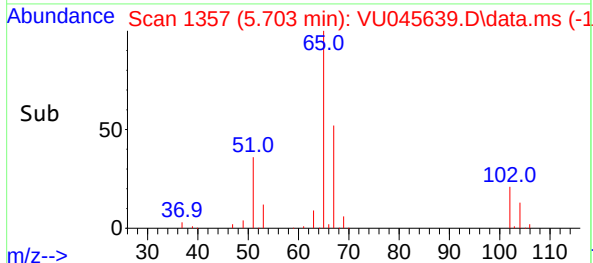
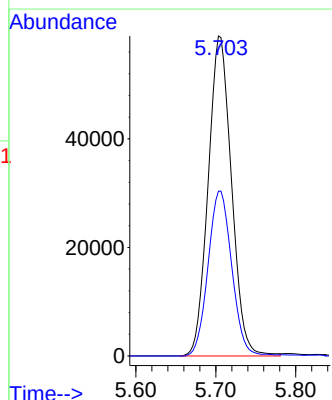
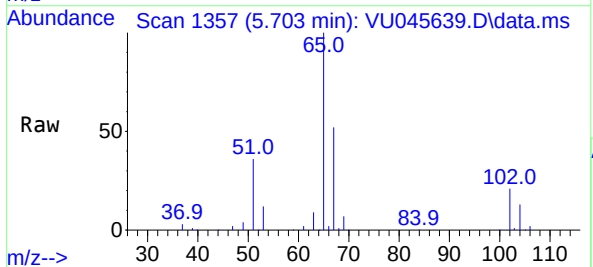


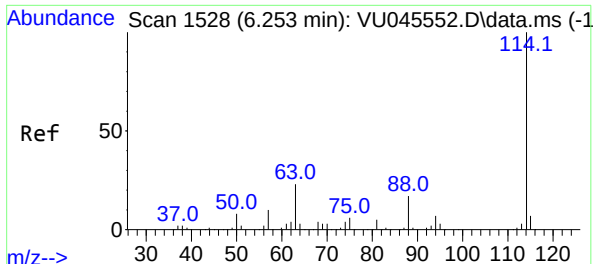
Tgt Ion: 56 Resp: 3381
Ion Ratio Lower Upper
56 100
69 186.8 26.4 39.6#
84 131.8 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 53.810 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VU045639.D
Acq: 09 Nov 2021 01:08

Tgt Ion: 65 Resp: 119482
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045639.D

Acq: 09 Nov 2021 01:08

Instrument :

MSVOA_U

ClientSampleId :

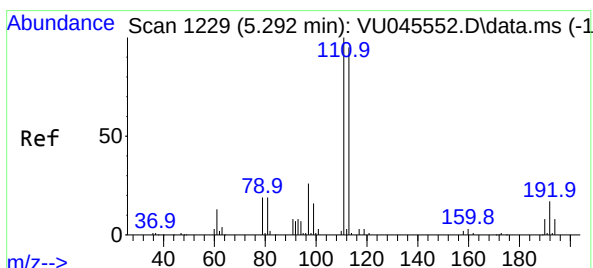
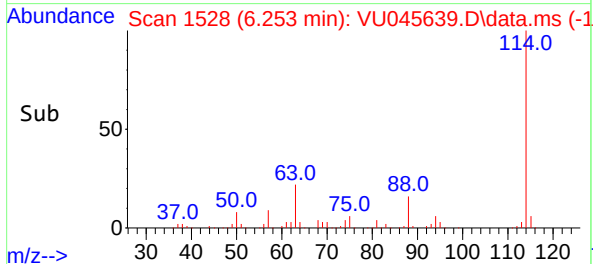
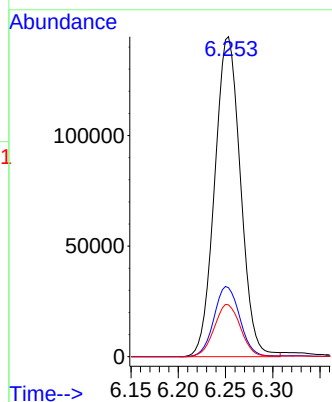
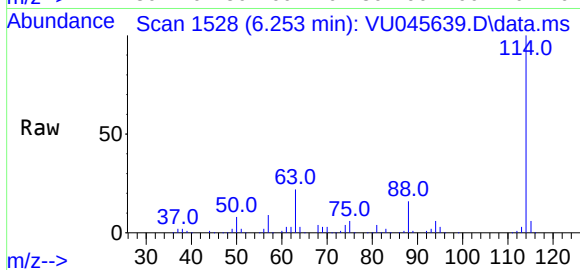
Tgt Ion:114 Resp: 274915

Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.6

88 16.2 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.540 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045639.D

Acq: 09 Nov 2021 01:08

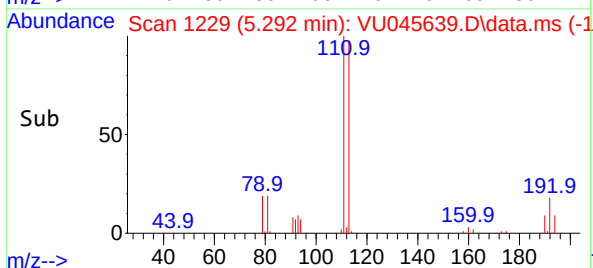
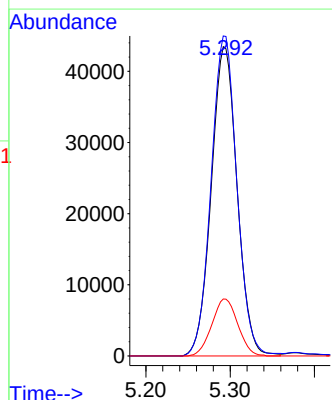
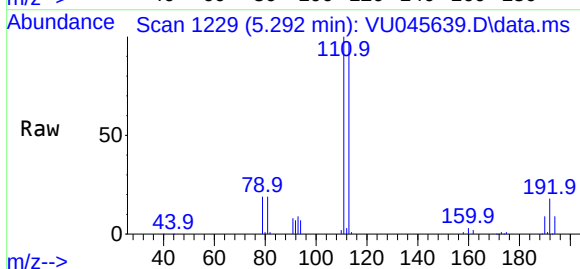
Tgt Ion:113 Resp: 92765

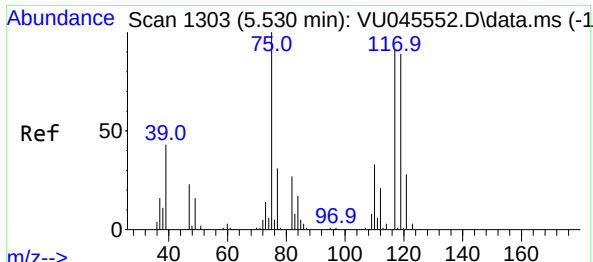
Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

192 18.5 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.862 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. -0.151 min

Lab File: VU045639.D

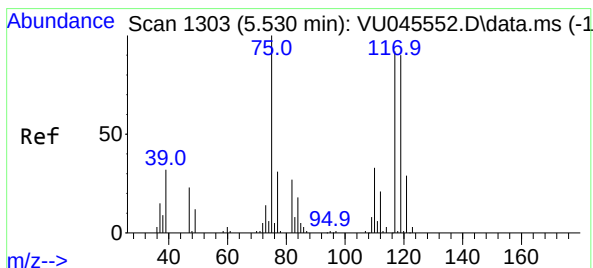
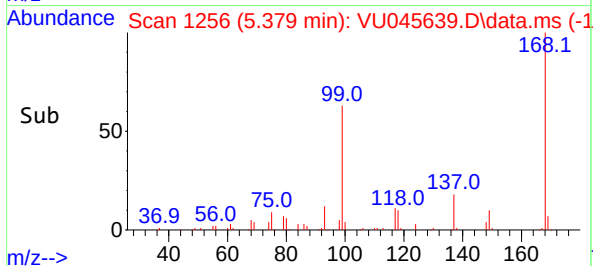
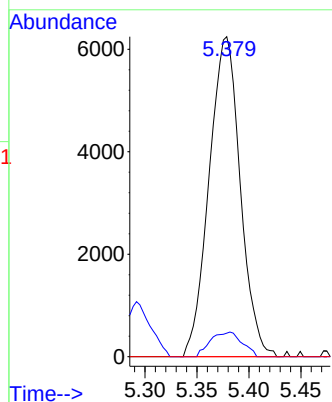
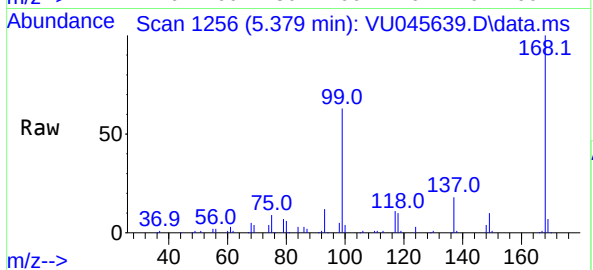
Acq: 09 Nov 2021 01:08

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 75	Resp: 13032
Ion Ratio	Lower Upper
75 100	
110 7.8	16.7 50.0#
77 0.0	25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.827 ug/l

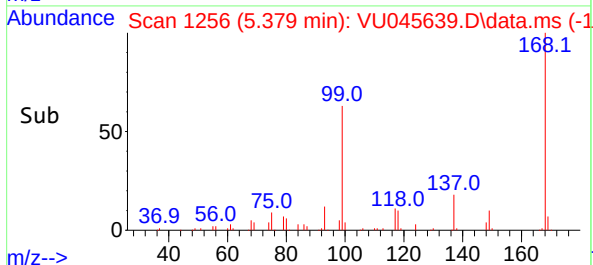
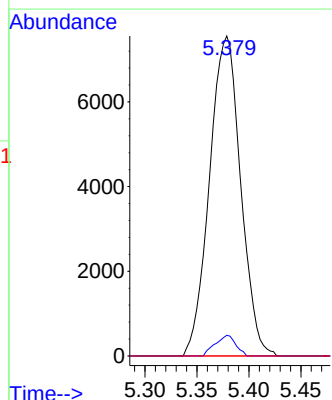
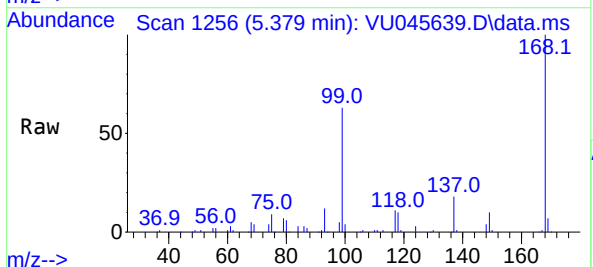
RT: 5.379 min Scan# 1256

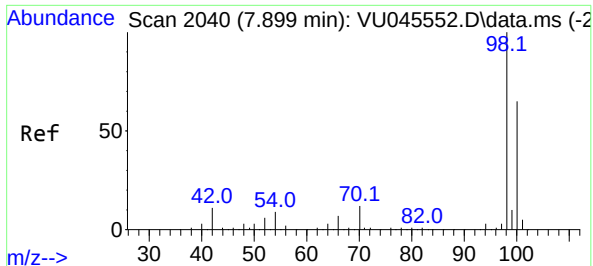
Delta R.T. -0.151 min

Lab File: VU045639.D

Acq: 09 Nov 2021 01:08

Tgt Ion: 117	Resp: 15747
Ion Ratio	Lower Upper
117 100	
119 6.4	77.4 116.0#
121 0.0	24.8 37.2#

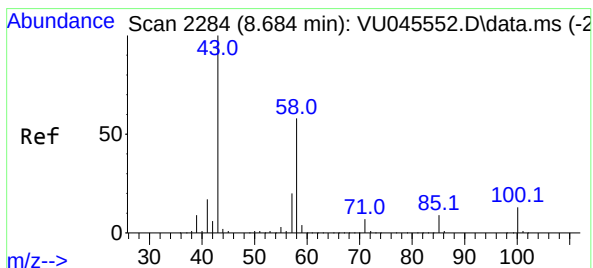
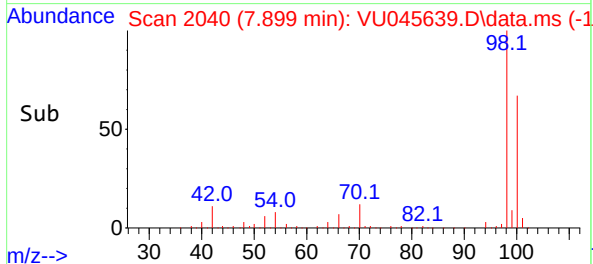
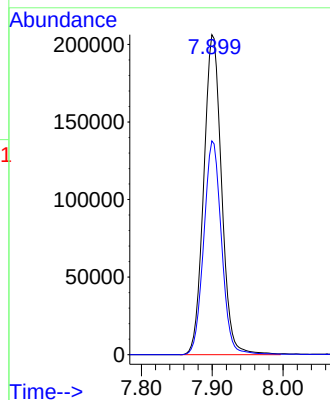
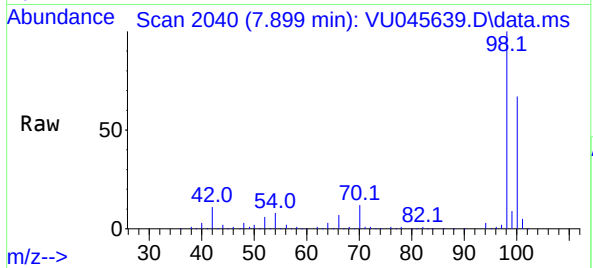




#50
Toluene-d8
Concen: 52.850 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045639.D
Acq: 09 Nov 2021 01:08

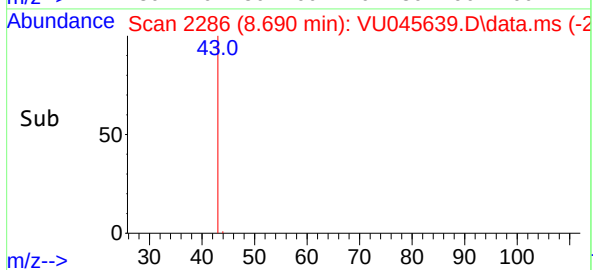
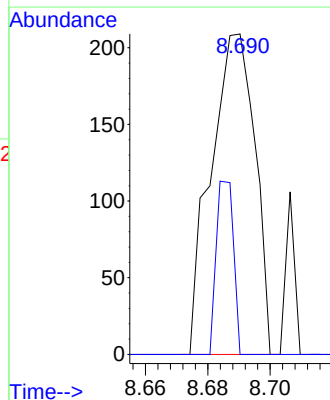
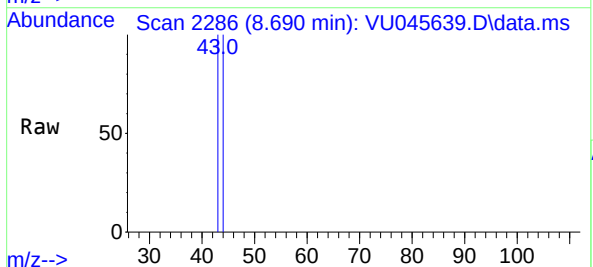
Instrument :
MSVOA_U
ClientSampleId :

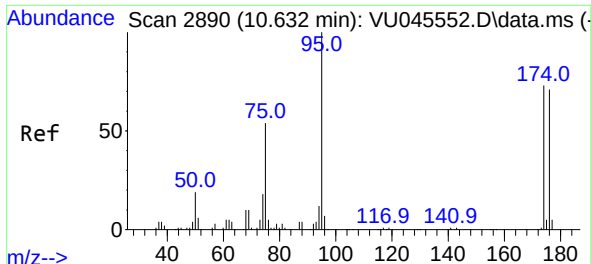
Tgt Ion: 98 Resp: 360710
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7



#59
2-Hexanone
Concen: 7.608 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VU045639.D
Acq: 09 Nov 2021 01:08

Tgt Ion: 43 Resp: 205
Ion Ratio Lower Upper
43 100
58 21.0 29.5 88.6#

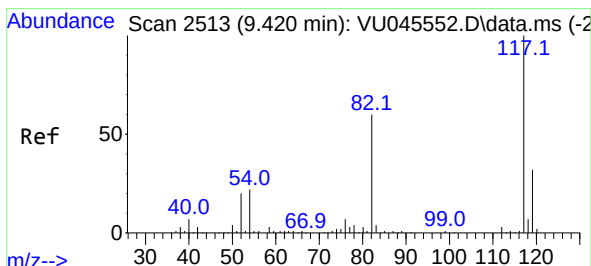
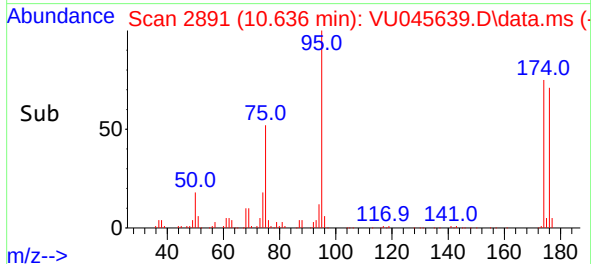
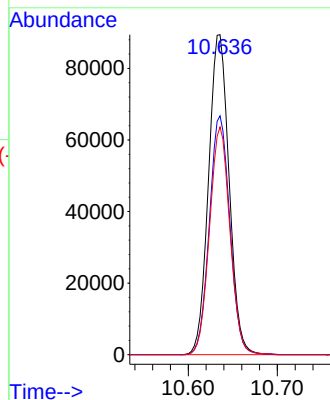
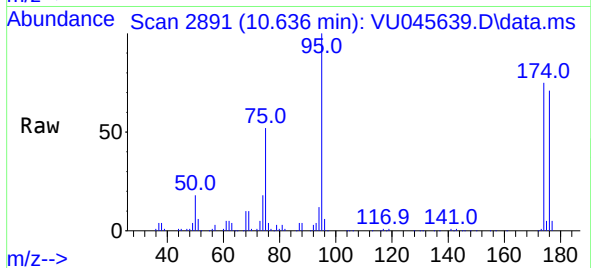




#62
4-Bromofluorobenzene
Concen: 52.228 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045639.D
Acq: 09 Nov 2021 01:08

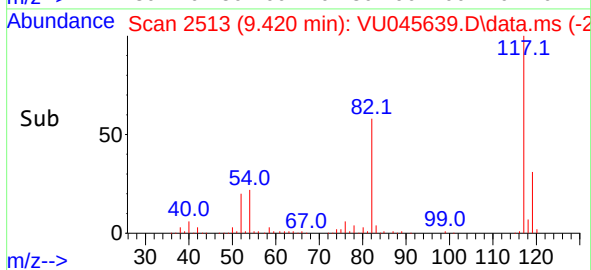
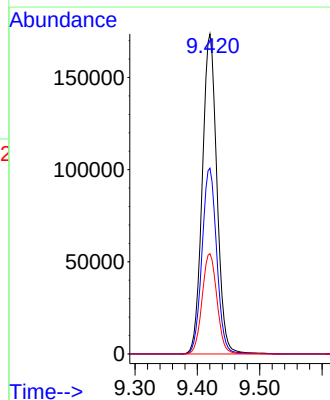
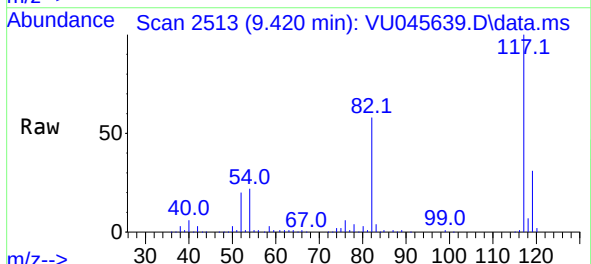
Instrument :
MSVOA_U
ClientSampleId :

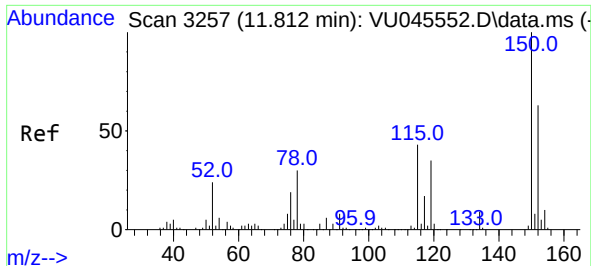
Tgt Ion: 95 Resp: 142940
Ion Ratio Lower Upper
95 100
174 74.6 0.0 141.8
176 70.6 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045639.D
Acq: 09 Nov 2021 01:08

Tgt Ion: 117 Resp: 282995
Ion Ratio Lower Upper
117 100
82 58.0 47.8 71.8
119 31.3 25.8 38.8

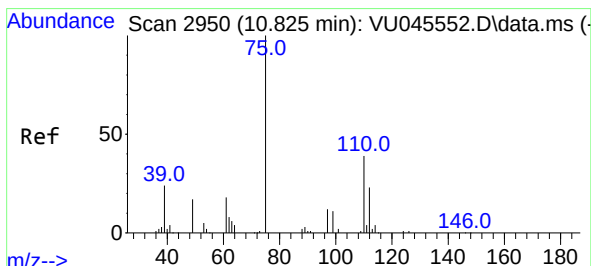
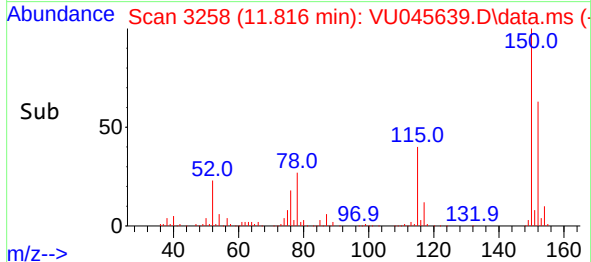
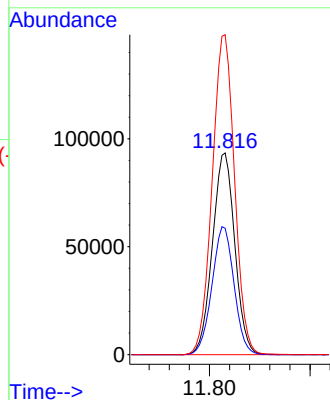
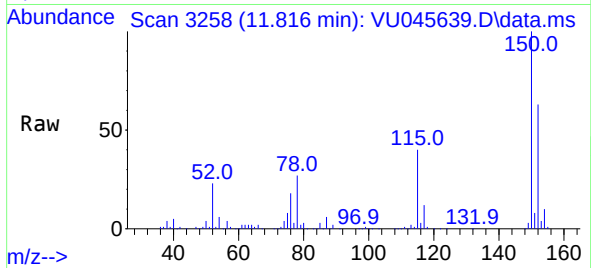




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU045639.D
 Acq: 09 Nov 2021 01:08

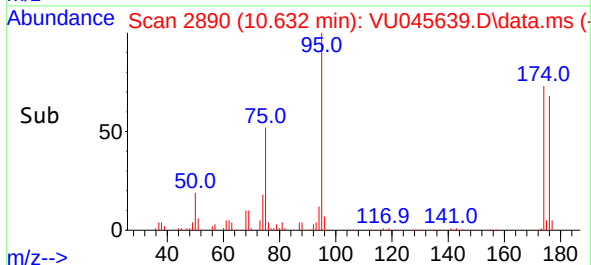
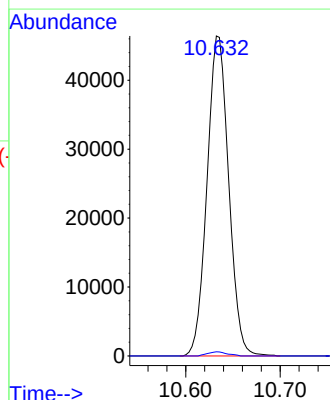
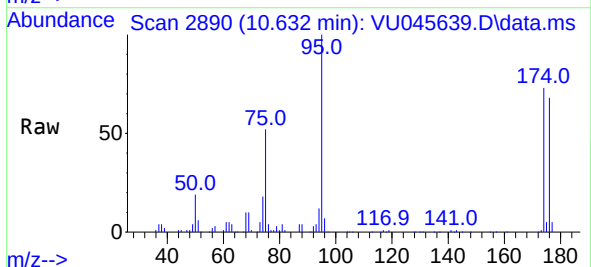
Instrument :
 MSVOA_U
 ClientSampleId :

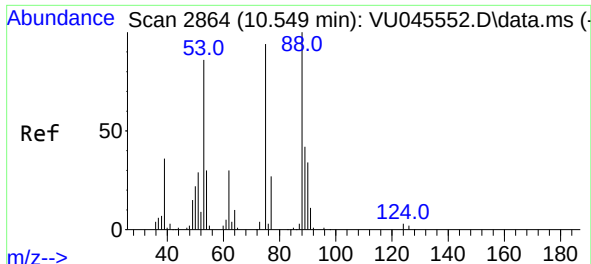
Tgt Ion:152 Resp: 144587
 Ion Ratio Lower Upper
 152 100
 115 62.7 42.7 128.1
 150 158.1 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 16.848 ug/l
 RT: 10.632 min Scan# 2890
 Delta R.T. -0.193 min
 Lab File: VU045639.D
 Acq: 09 Nov 2021 01:08

Tgt Ion: 75 Resp: 73873
 Ion Ratio Lower Upper
 75 100
 77 1.2 17.1 51.3#

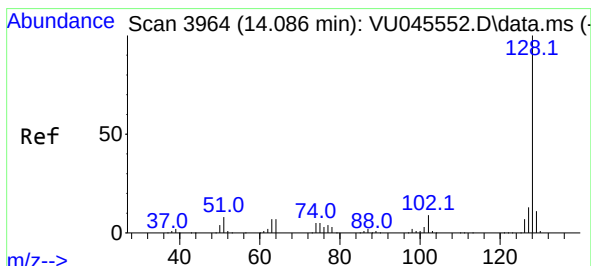
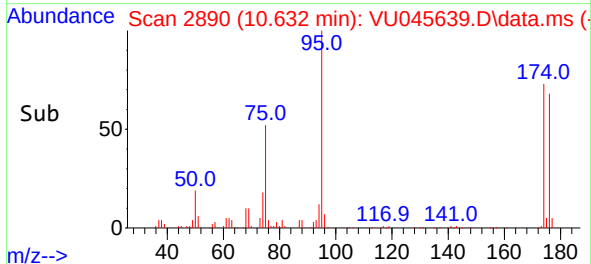
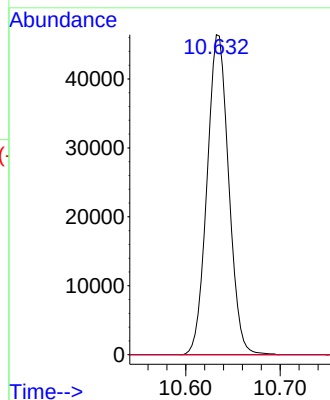
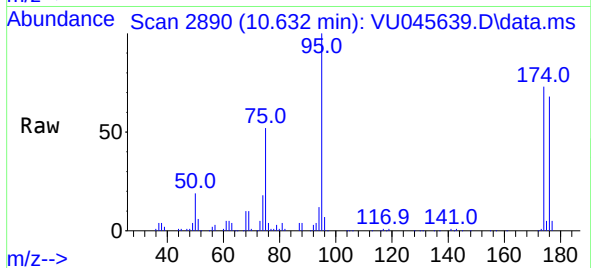




#81
trans-1,4-Dichloro-2-butene
Concen: 54.882 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.083 min
Lab File: VU045639.D
Acq: 09 Nov 2021 01:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 73873
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.092 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU045639.D
Acq: 09 Nov 2021 01:08

Tgt Ion:128 Resp: 755
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

