

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045621.D
 Acq On : 08 Nov 2021 17:27
 Operator : SY/MD
 Sample : M4574-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 09 09:59:49 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)

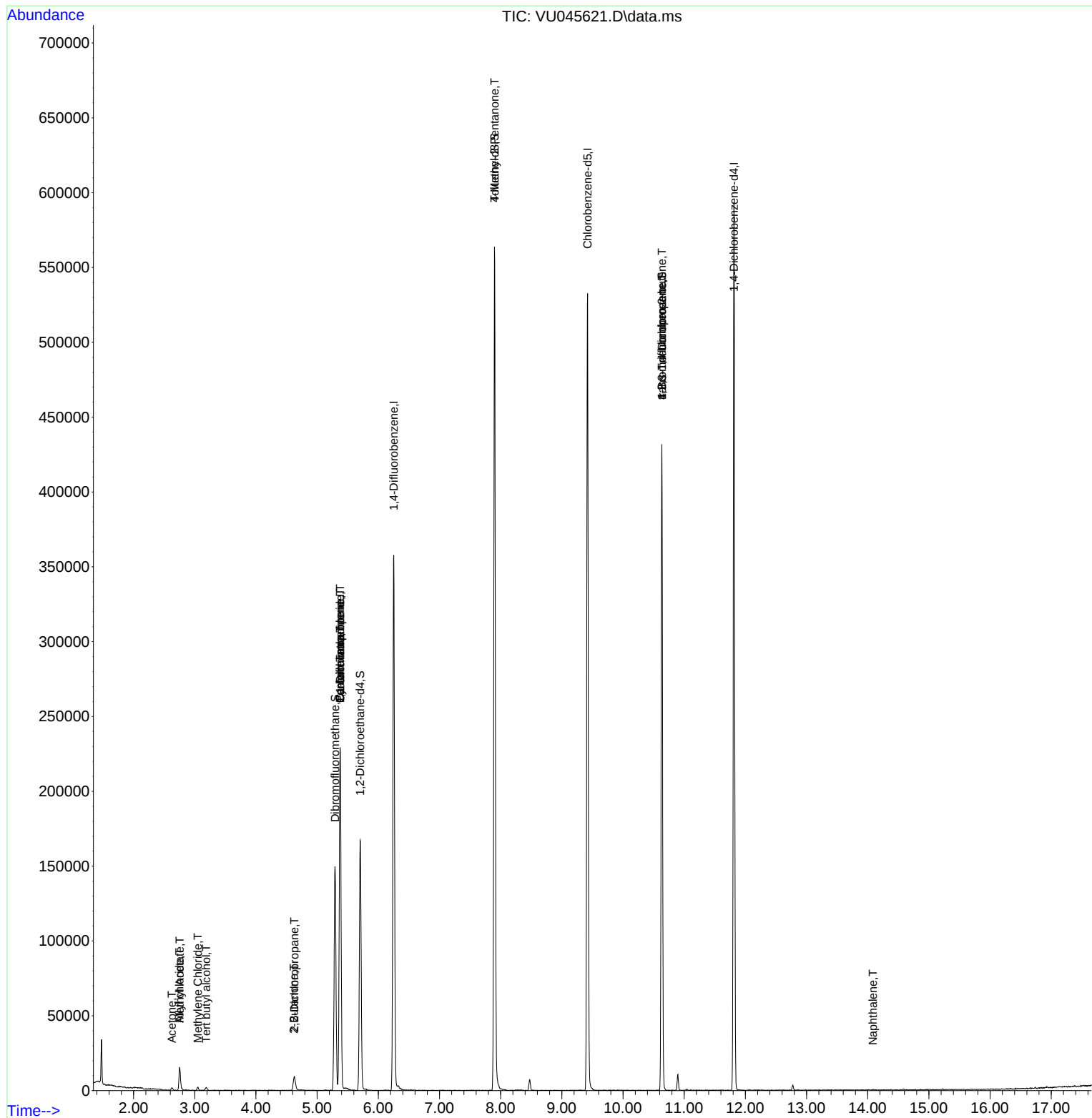
Internal Standards						
1) Pentafluorobenzene	5.375	168	151688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	287177	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	289414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	147893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	123737	54.469	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.940%			
35) Dibromofluoromethane	5.292	113	96910	50.544	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.080%			
50) Toluene-d8	7.899	98	376083	52.750	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.500%			
62) 4-Bromofluorobenzene	10.636	95	146744	51.328	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.660%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.186	59	1538	3.420	ug/l #	72
14) Allyl chloride	2.752	41	1575	0.529	ug/l #	65
16) Acetone	2.626	43	2055	1.777	ug/l	97
18) Methyl Acetate	2.755	43	4257	1.081	ug/l #	50
20) Methylene Chloride	3.051	84	1039	0.517	ug/l #	90
25) 2-Butanone	4.620	43	387	0.241	ug/l #	47
26) 2,2-Dichloropropane	4.626	77	626	0.217	ug/l #	53
31) Cyclohexane	5.375	56	3345	1.009	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	13513	4.826	ug/l #	49
38) Carbon Tetrachloride	5.375	117	16267	5.762	ug/l #	16
51) 4-Methyl-2-Pentanone	7.899	43	1719	0.530	ug/l #	1
76) 1,2,3-Trichloropropane	10.636	75	75338	16.798	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	75338	54.728	ug/l #	12
95) Naphthalene	14.086	128	340	1.057	ug/l #	69

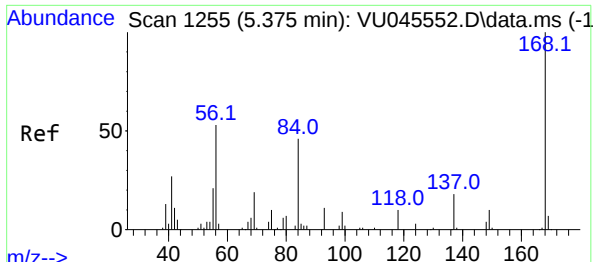
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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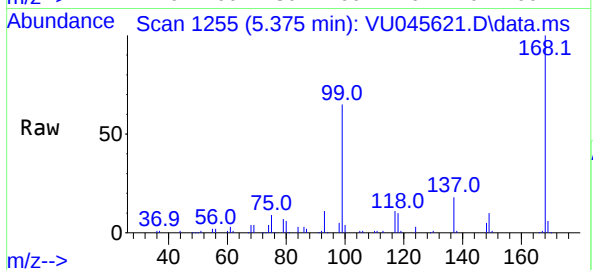
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration



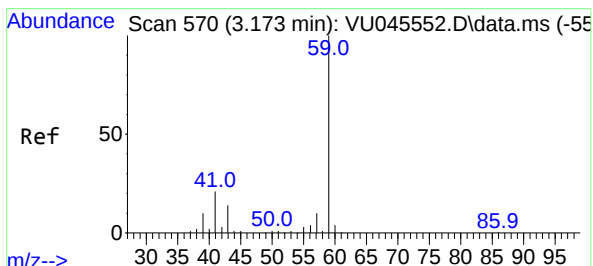
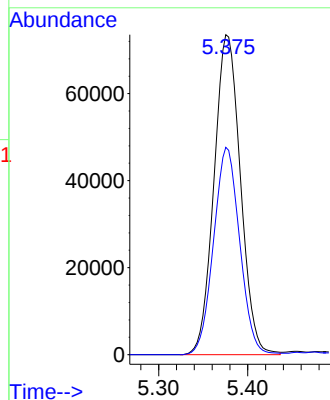
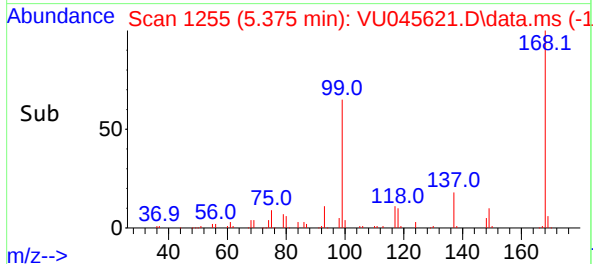


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045621.D
Acq: 08 Nov 2021 17:27

Instrument :
MSVOA_U
ClientSampleId :

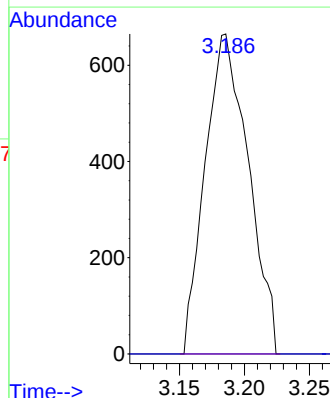
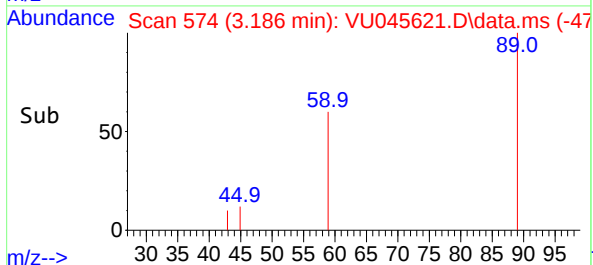
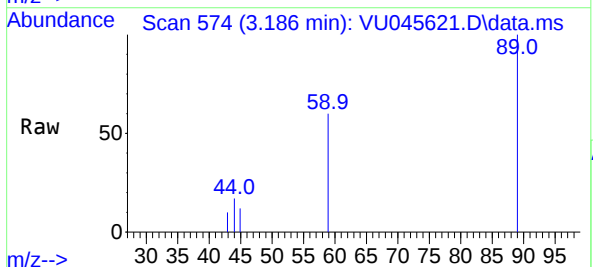


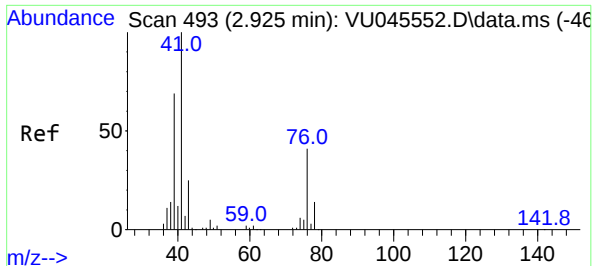
Tgt Ion:168 Resp: 151688
Ion Ratio Lower Upper
168 100
99 64.8 51.0 76.6



#11
Tert butyl alcohol
Concen: 3.420 ug/l
RT: 3.186 min Scan# 574
Delta R.T. 0.013 min
Lab File: VU045621.D
Acq: 08 Nov 2021 17:27

Tgt Ion: 59 Resp: 1538
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#14

Allyl chloride

Concen: 0.529 ug/l

RT: 2.752 min Scan# 41

Delta R.T. -0.174 min

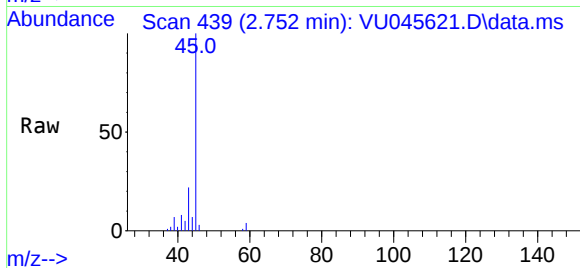
Lab File: VU045621.D

Acq: 08 Nov 2021 17:27

Instrument :

MSVOA_U

ClientSampleId :



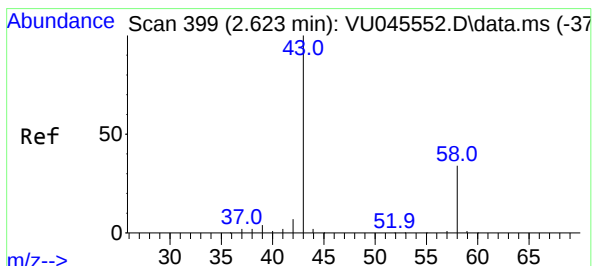
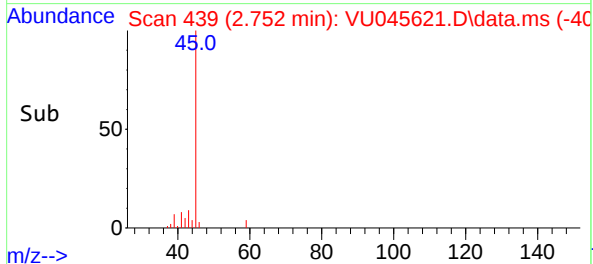
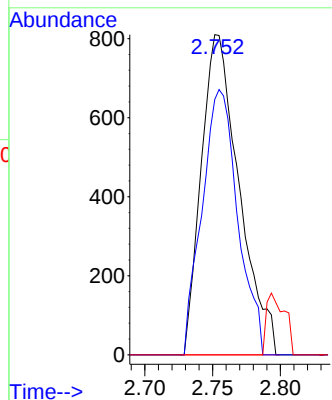
Tgt Ion: 41 Resp: 1575

Ion Ratio Lower Upper

41 100

39 78.1 49.7 74.5#

76 0.0 27.7 41.5#



#16

Acetone

Concen: 1.777 ug/l

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU045621.D

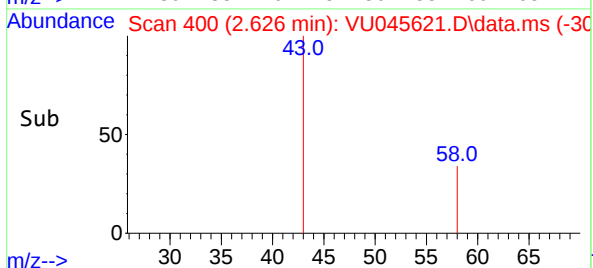
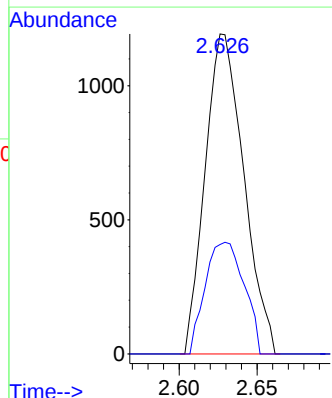
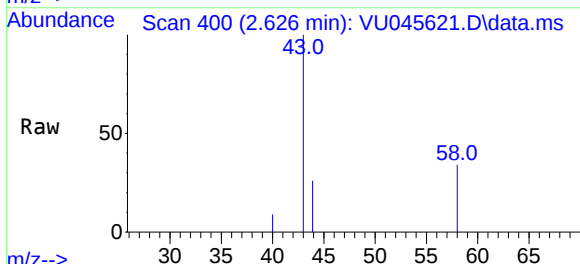
Acq: 08 Nov 2021 17:27

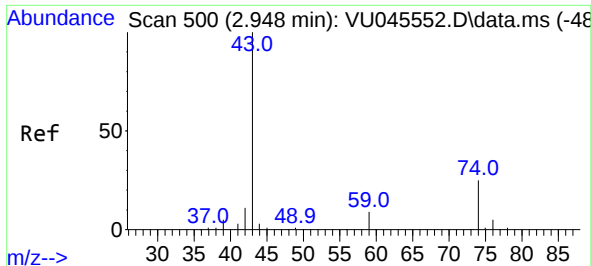
Tgt Ion: 43 Resp: 2055

Ion Ratio Lower Upper

43 100

58 34.2 26.2 39.2

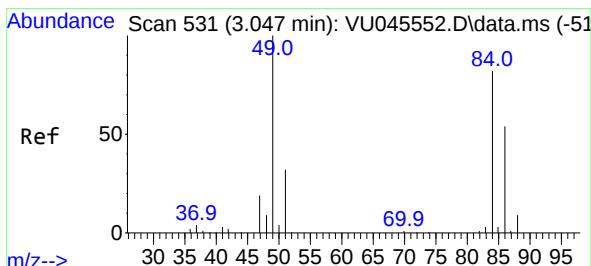
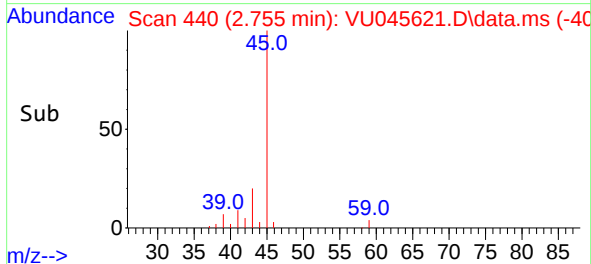
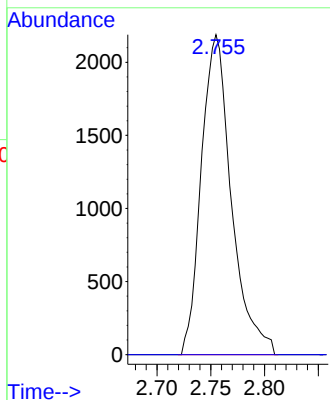
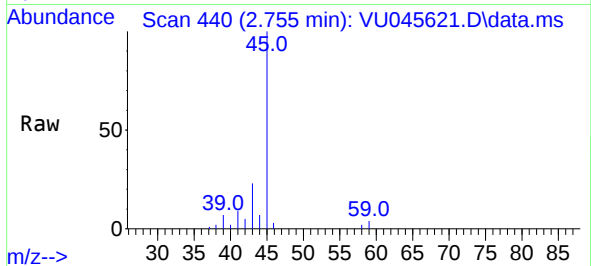




#18
Methyl Acetate
Concen: 1.081 ug/l
RT: 2.755 min Scan# 44
Delta R.T. -0.193 min
Lab File: VU045621.D
Acq: 08 Nov 2021 17:27

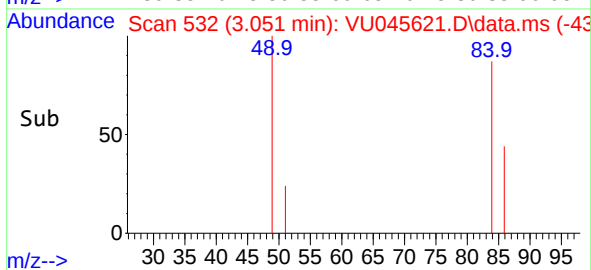
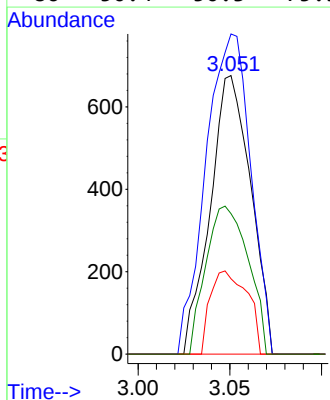
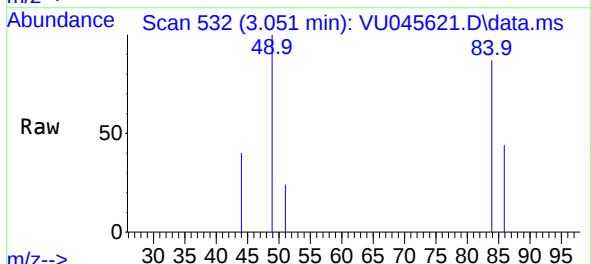
Instrument :
MSVOA_U
ClientSampleId :

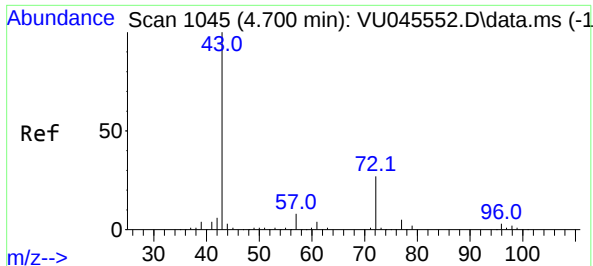
Tgt Ion: 43 Resp: 4257
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 0.517 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045621.D
Acq: 08 Nov 2021 17:27

Tgt Ion: 84 Resp: 1039
Ion Ratio Lower Upper
84 100
49 114.9 96.4 144.6
51 27.1 30.5 45.7#
86 50.4 50.3 75.5

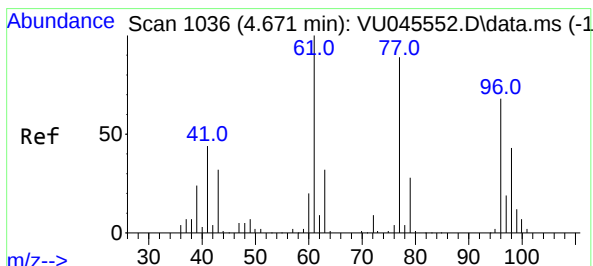
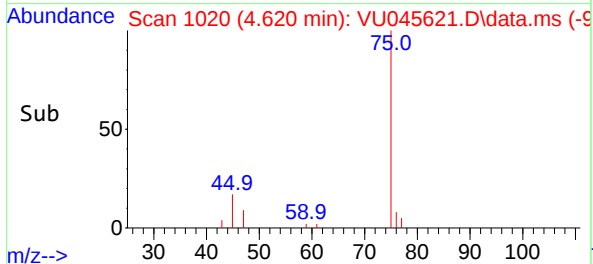
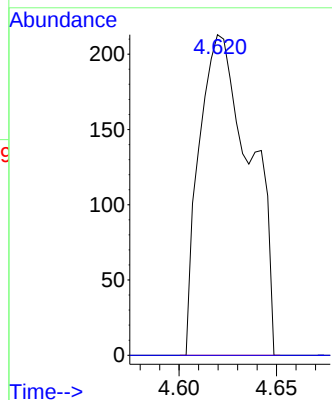
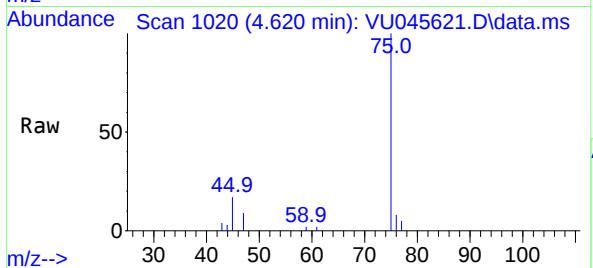




#25
2-Butanone
Concen: 0.241 ug/l
RT: 4.620 min Scan# 1020
Delta R.T. -0.080 min
Lab File: VU045621.D
Acq: 08 Nov 2021 17:27

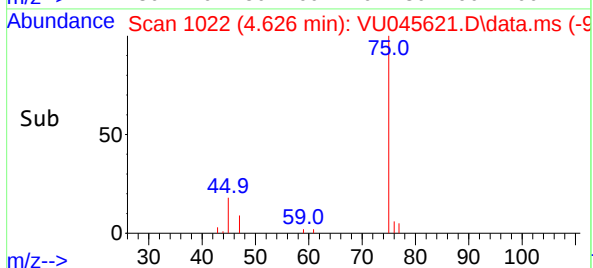
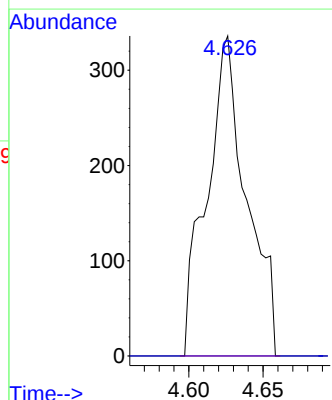
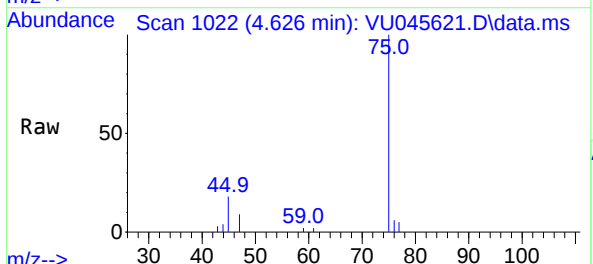
Instrument :
MSVOA_U
ClientSampleId :

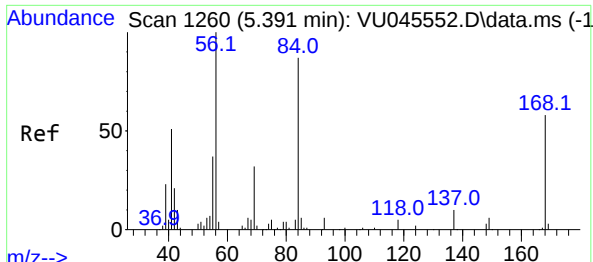
Tgt Ion: 43 Resp: 387
Ion Ratio Lower Upper
43 100
72 0.0 22.0 33.0#



#26
2,2-Dichloropropane
Concen: 0.217 ug/l
RT: 4.626 min Scan# 1022
Delta R.T. -0.045 min
Lab File: VU045621.D
Acq: 08 Nov 2021 17:27

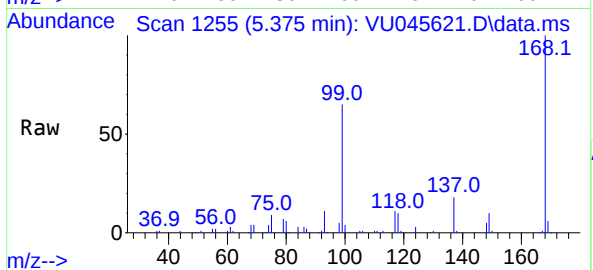
Tgt Ion: 77 Resp: 626
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.1#



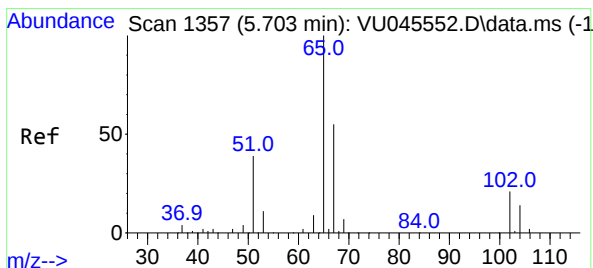
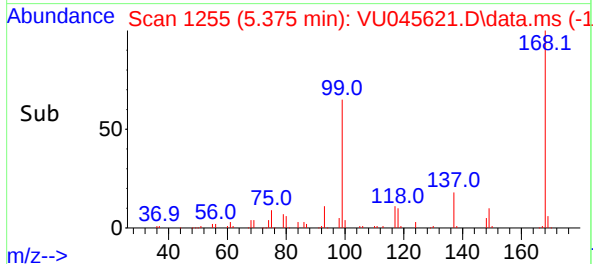
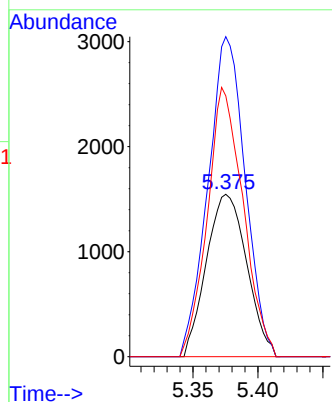


#31
Cyclohexane
Concen: 1.009 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU045621.D
Acq: 08 Nov 2021 17:27

Instrument :
MSVOA_U
ClientSampleId :

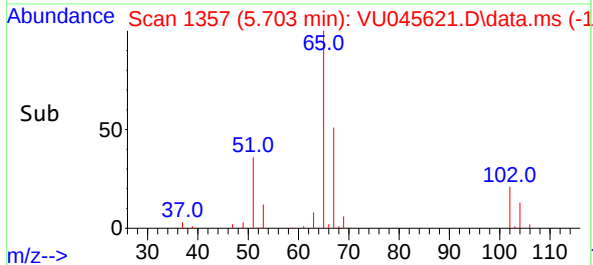
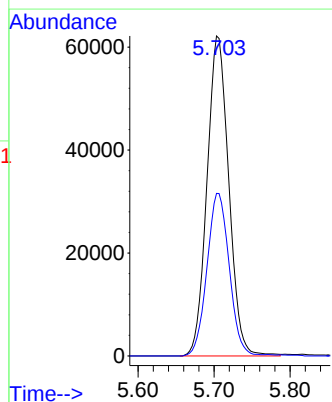
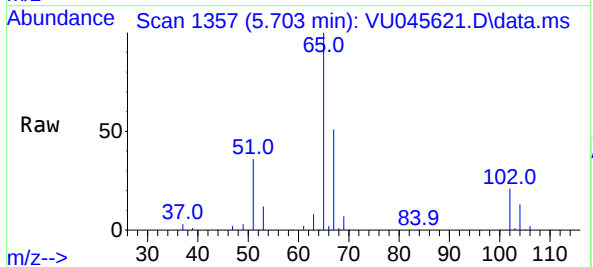


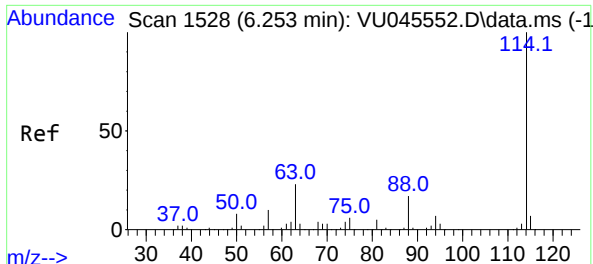
Tgt Ion: 56 Resp: 3345
Ion Ratio Lower Upper
56 100
69 197.0 26.4 39.6#
84 160.6 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 54.469 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VU045621.D
Acq: 08 Nov 2021 17:27

Tgt Ion: 65 Resp: 123737
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045621.D

Acq: 08 Nov 2021 17:27

Instrument :

MSVOA_U

ClientSampleId :

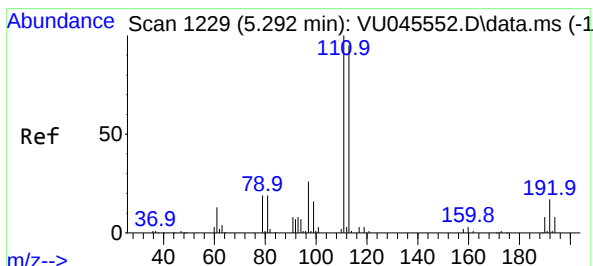
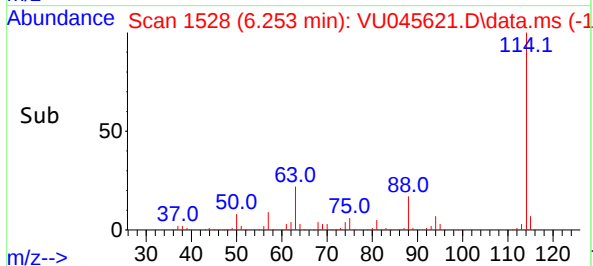
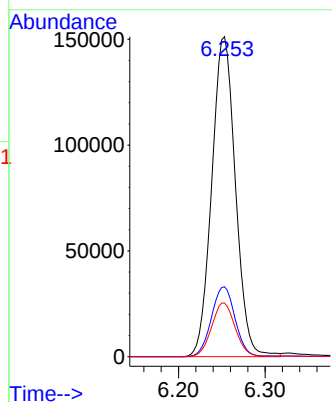
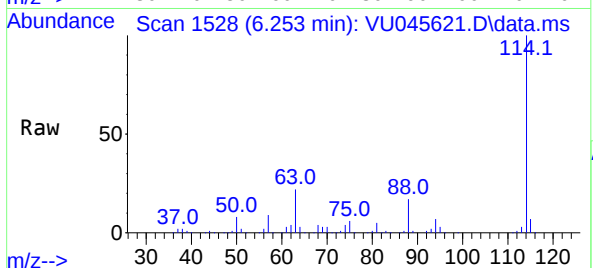
Tgt Ion:114 Resp: 287177

Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.6

88 16.7 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.544 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045621.D

Acq: 08 Nov 2021 17:27

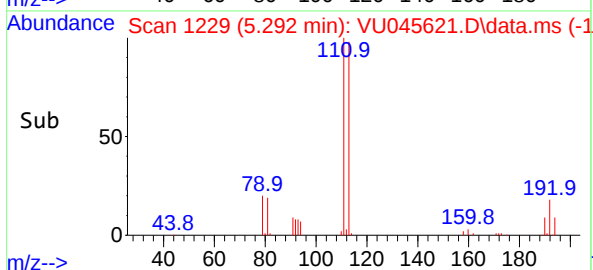
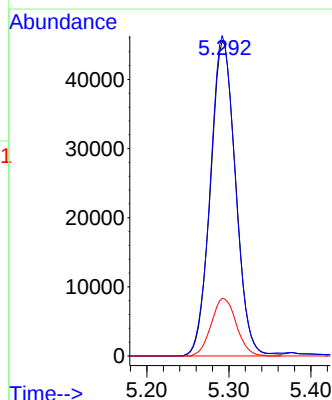
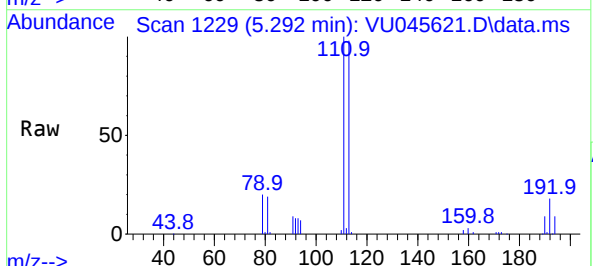
Tgt Ion:113 Resp: 96910

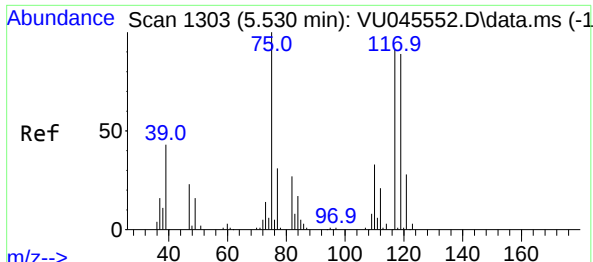
Ion Ratio Lower Upper

113 100

111 100.9 82.8 124.2

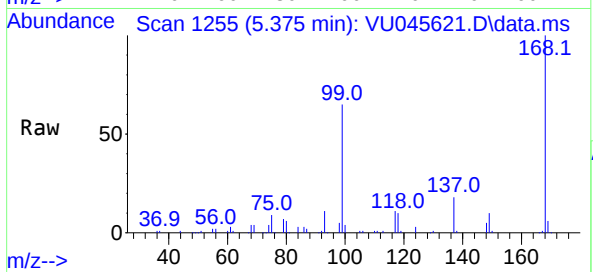
192 18.2 14.8 22.2



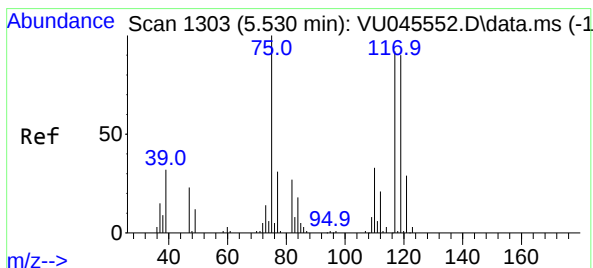
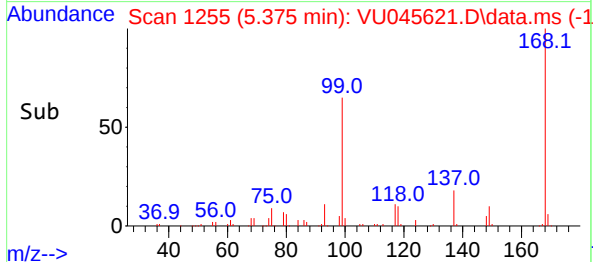
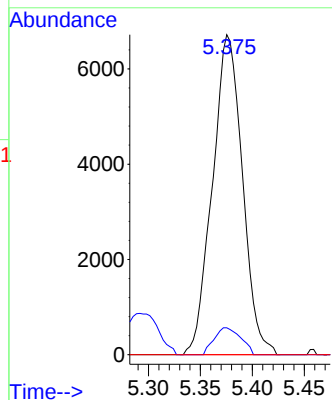


#36
 1,1-Dichloropropene
 Concen: 4.826 ug/l
 RT: 5.375 min Scan# 1255
 Delta R.T. -0.154 min
 Lab File: VU045621.D
 Acq: 08 Nov 2021 17:27

Instrument :
 MSVOA_U
 ClientSampleId :

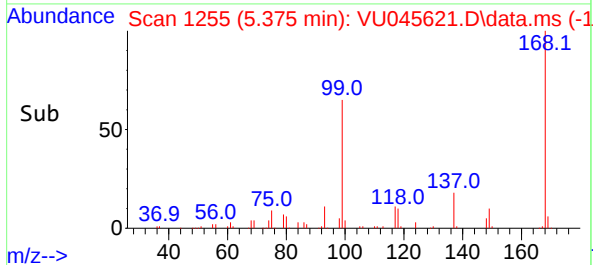
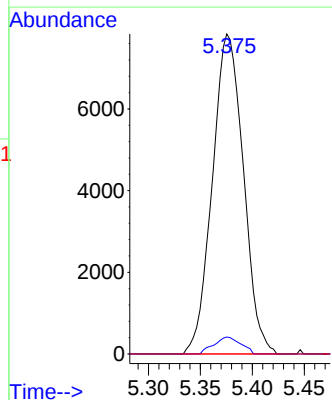
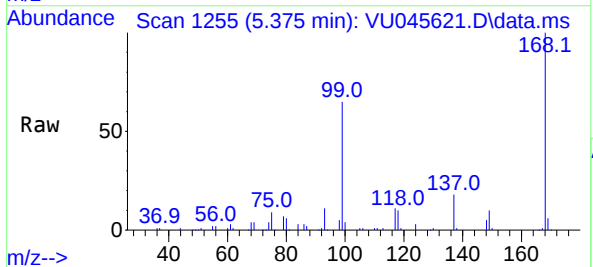


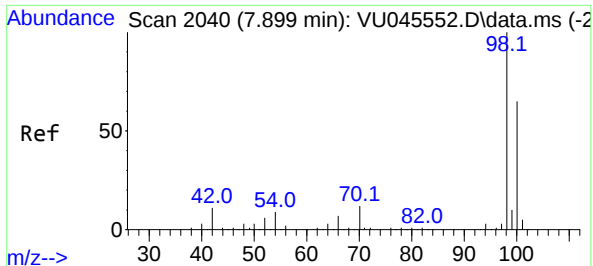
Tgt Ion: 75 Resp: 13513
 Ion Ratio Lower Upper
 75 100
 110 7.5 16.7 50.0#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.762 ug/l
 RT: 5.375 min Scan# 1255
 Delta R.T. -0.154 min
 Lab File: VU045621.D
 Acq: 08 Nov 2021 17:27

Tgt Ion: 117 Resp: 16267
 Ion Ratio Lower Upper
 117 100
 119 5.3 77.4 116.0#
 121 0.0 24.8 37.2#

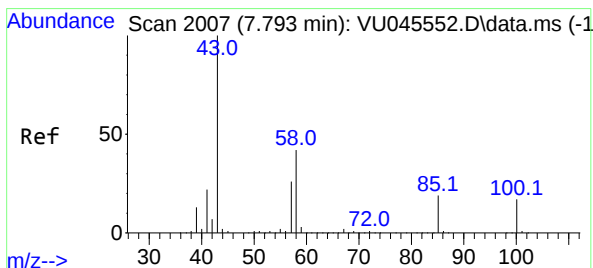
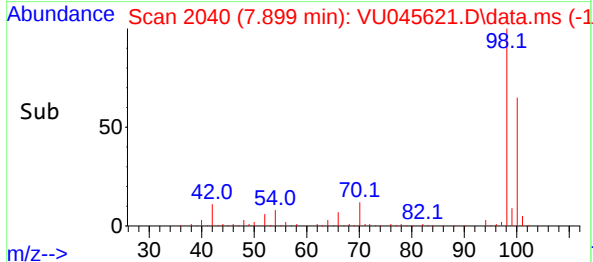
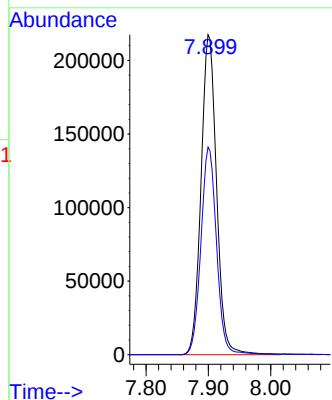
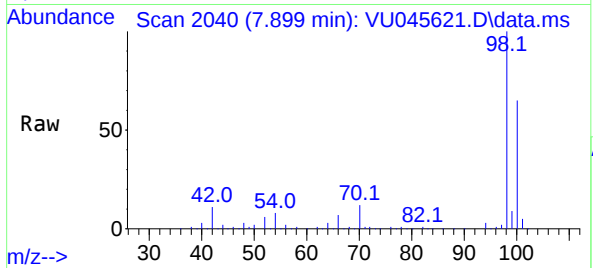




#50
Toluene-d8
Concen: 52.750 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045621.D
Acq: 08 Nov 2021 17:27

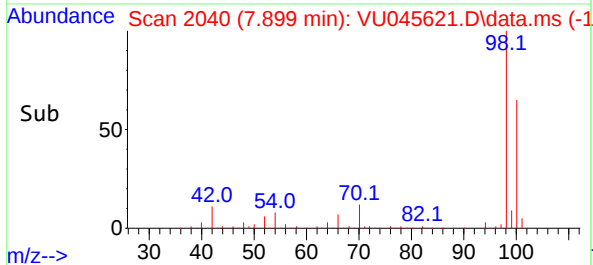
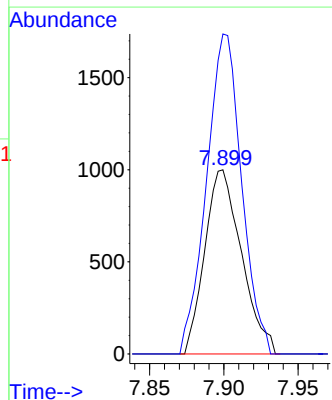
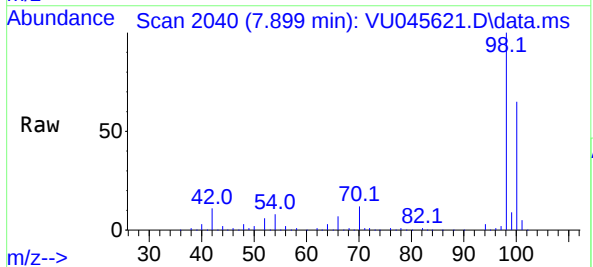
Instrument :
MSVOA_U
ClientSampleId :

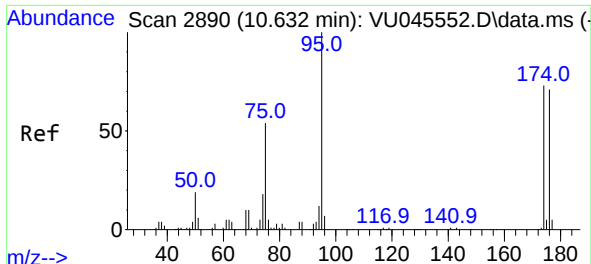
Tgt Ion: 98 Resp: 376083
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.530 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.106 min
Lab File: VU045621.D
Acq: 08 Nov 2021 17:27

Tgt Ion: 43 Resp: 1719
Ion Ratio Lower Upper
43 100
58 166.0 33.8 50.8#





#62

4-Bromofluorobenzene

Concen: 51.328 ug/l

RT: 10.636 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU045621.D

Acq: 08 Nov 2021 17:27

Instrument :

MSVOA_U

ClientSampleId :

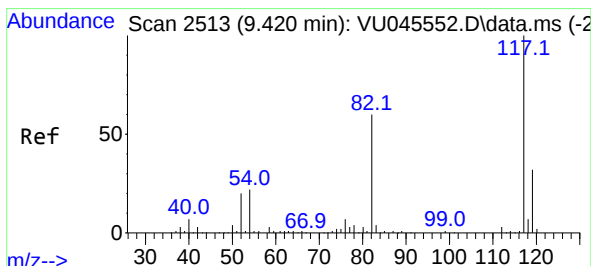
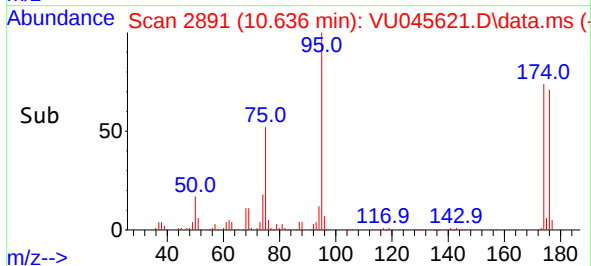
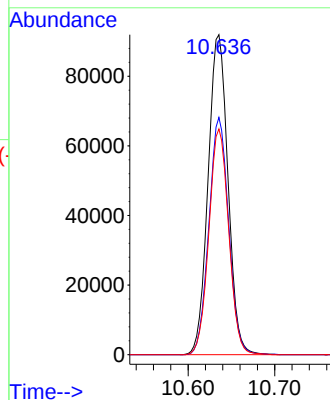
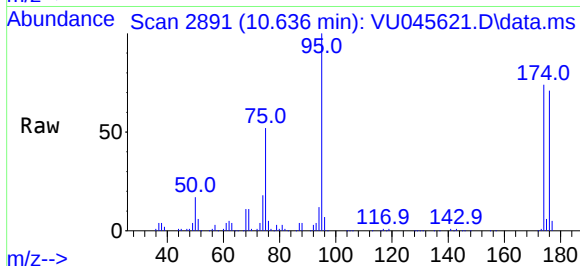
Tgt Ion: 95 Resp: 146744

Ion Ratio Lower Upper

95 100

174 73.9 0.0 141.8

176 70.2 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: VU045621.D

Acq: 08 Nov 2021 17:27

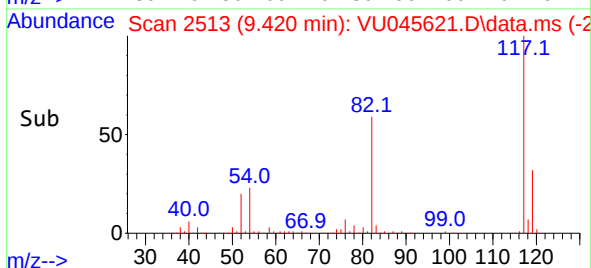
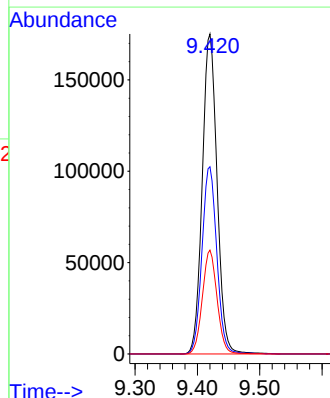
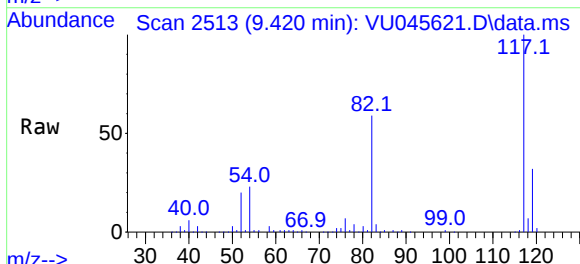
Tgt Ion: 117 Resp: 289414

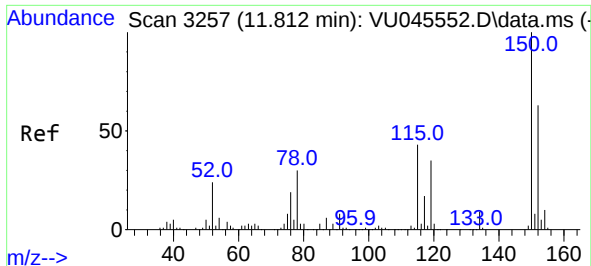
Ion Ratio Lower Upper

117 100

82 58.5 47.8 71.8

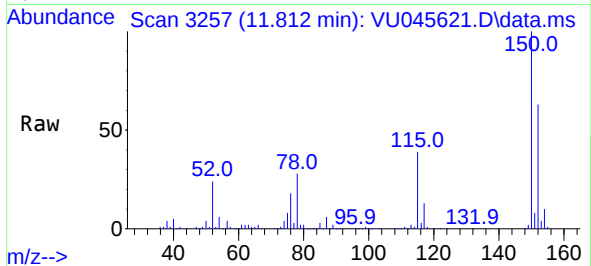
119 32.4 25.8 38.8



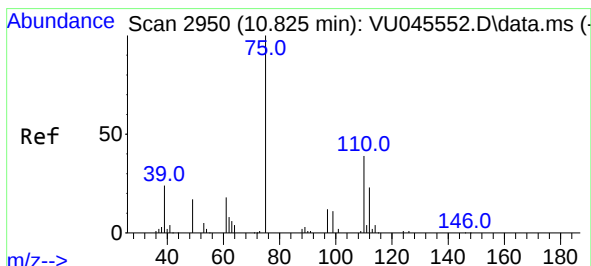
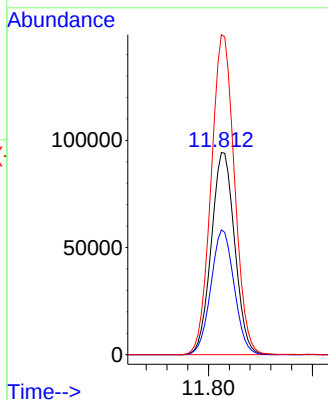
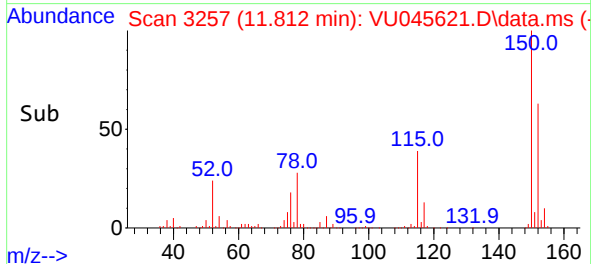


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU045621.D
Acq: 08 Nov 2021 17:27

Instrument :
MSVOA_U
ClientSampleId :

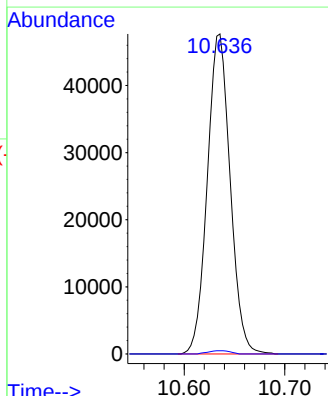
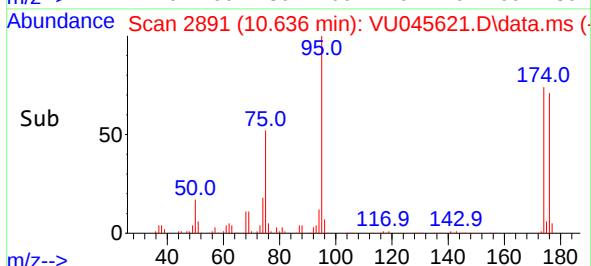
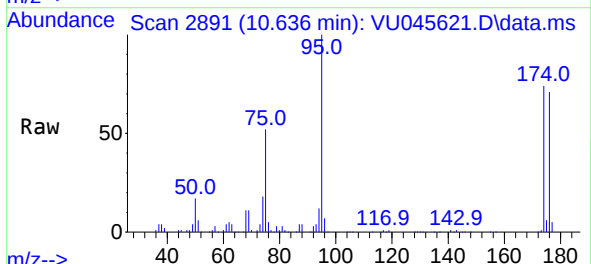


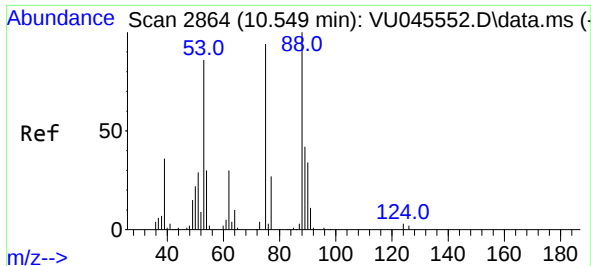
Tgt Ion:152 Resp: 147893
Ion Ratio Lower Upper
152 100
115 61.4 42.7 128.1
150 157.9 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 16.798 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045621.D
Acq: 08 Nov 2021 17:27

Tgt Ion: 75 Resp: 75338
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#

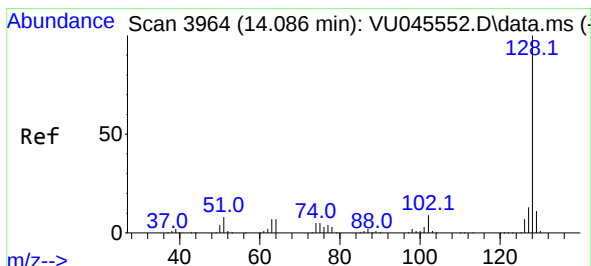
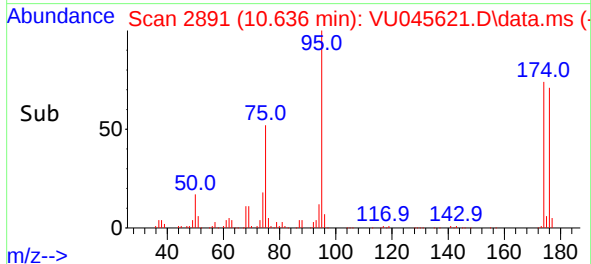
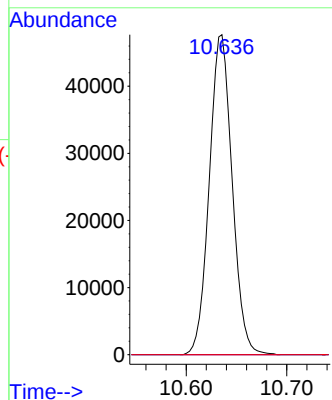
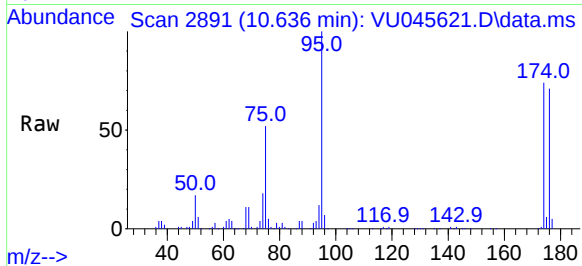




#81
trans-1,4-Dichloro-2-butene
Concen: 54.728 ug/l
RT: 10.636 min Scan# 2864
Delta R.T. 0.087 min
Lab File: VU045621.D
Acq: 08 Nov 2021 17:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 75338
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.057 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU045621.D
Acq: 08 Nov 2021 17:27

Tgt Ion:128 Resp: 340
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

