

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045623.D
 Acq On : 08 Nov 2021 18:13
 Operator : SY/MD
 Sample : M4485-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 AG-7

Quant Time: Nov 09 10:00:34 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)

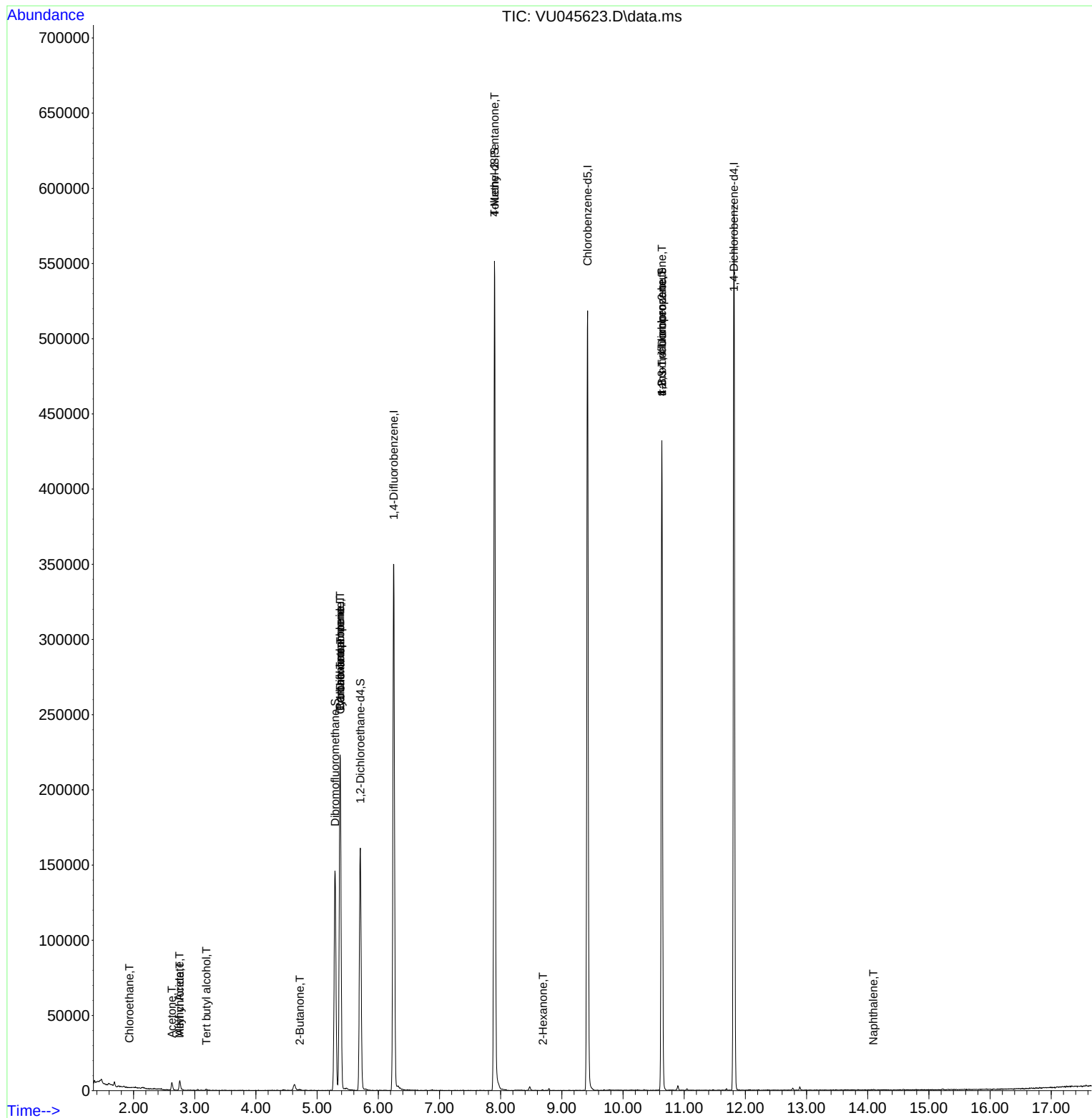
Internal Standards						
1) Pentafluorobenzene	5.375	168	147825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	277197	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	283311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	146784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	119849	54.136	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 108.280%		
35) Dibromofluoromethane	5.292	113	93401	50.468	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.940%		
50) Toluene-d8	7.899	98	363183	52.774	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 105.540%		
62) 4-Bromofluorobenzene	10.636	95	143871	52.135	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 104.280%		
Target Compounds						
						Qvalue
6) Chloroethane	1.932	64	314	0.225	ug/l #	41
11) Tert butyl alcohol	3.192	59	425	0.970	ug/l #	72
14) Allyl chloride	2.755	41	649	0.223	ug/l #	76
16) Acetone	2.626	43	5800	5.147	ug/l	95
18) Methyl Acetate	2.748	43	1681	0.438	ug/l #	50
25) 2-Butanone	4.716	43	1127	0.721	ug/l #	47
31) Cyclohexane	5.378	56	3388	1.049	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	12754	4.719	ug/l #	50
38) Carbon Tetrachloride	5.375	117	15452	5.671	ug/l #	15
51) 4-Methyl-2-Pentanone	7.899	43	1501	0.479	ug/l #	1
59) 2-Hexanone	8.690	43	277	7.633	ug/l #	54
76) 1,2,3-Trichloropropane	10.636	75	74627	16.765	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	74627	54.627	ug/l #	12
95) Naphthalene	14.092	128	582	1.077	ug/l #	69

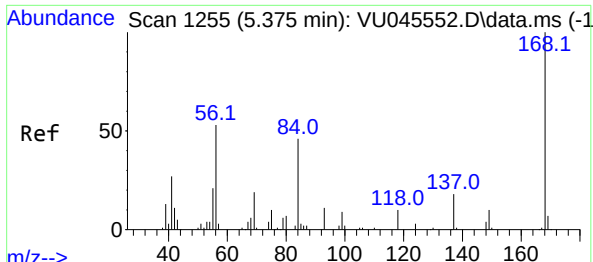
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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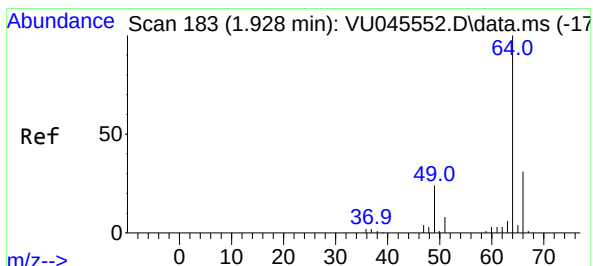
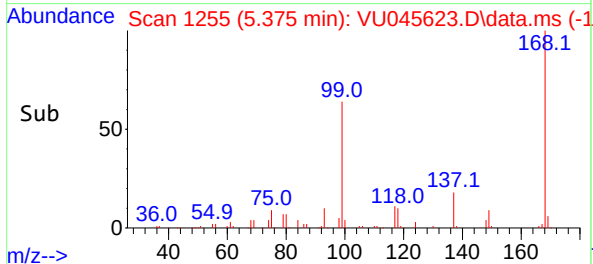
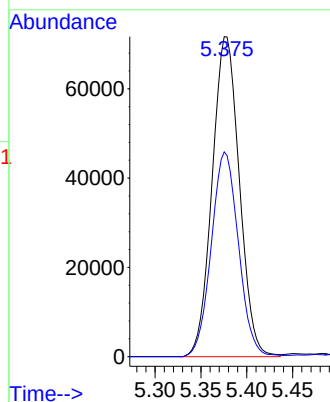
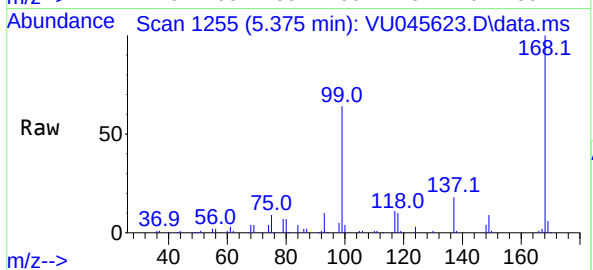




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045623.D
Acq: 08 Nov 2021 18:13

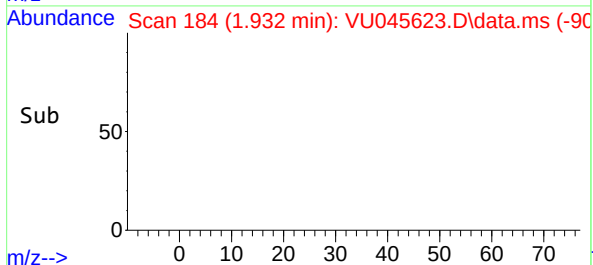
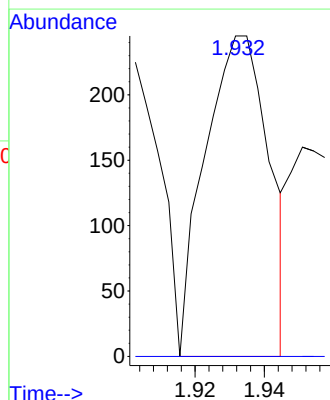
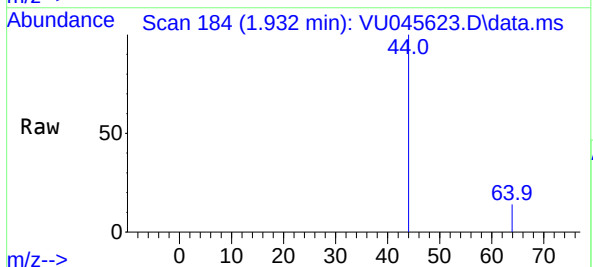
Instrument :
MSVOA_U
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AG-7

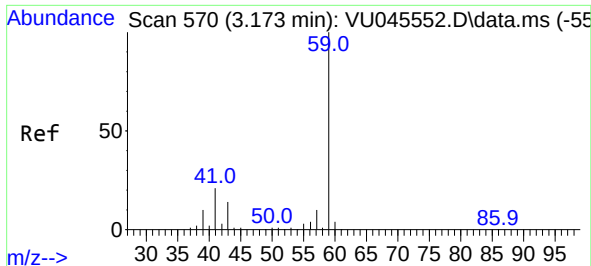
Tgt Ion:168 Resp: 147825
Ion Ratio Lower Upper
168 100
99 64.0 51.0 76.6



#6
Chloroethane
Concen: 0.225 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU045623.D
Acq: 08 Nov 2021 18:13

Tgt Ion: 64 Resp: 314
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#





#11

Tert butyl alcohol

Concen: 0.970 ug/l

RT: 3.192 min Scan# 51

Delta R.T. 0.019 min

Lab File: VU045623.D

Acq: 08 Nov 2021 18:13

Instrument :

MSVOA_U

ClientSampleId :

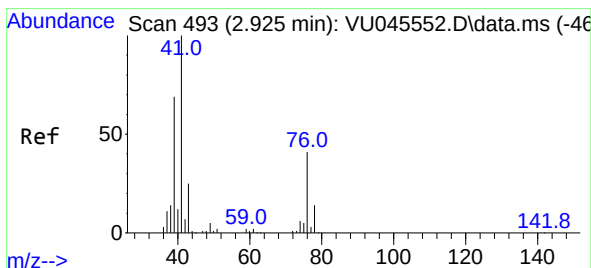
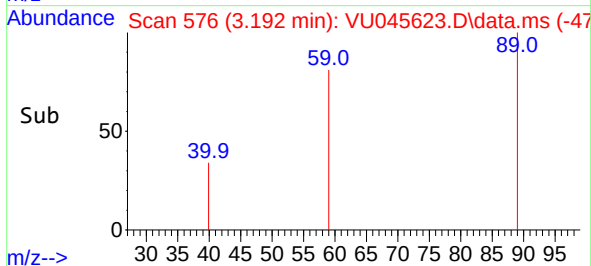
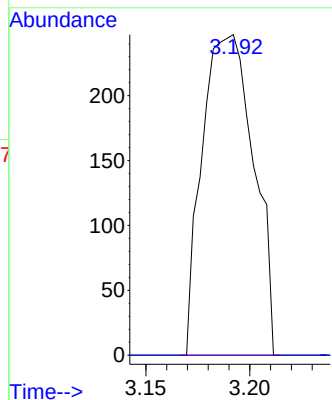
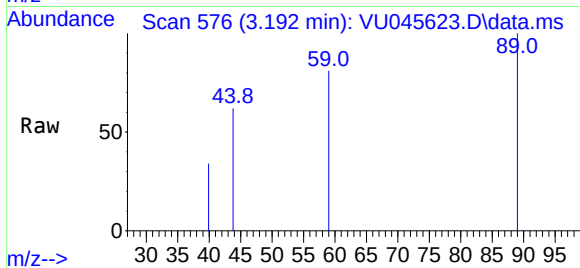
AG-7

Tgt Ion: 59 Resp: 425

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 0.223 ug/l

RT: 2.755 min Scan# 440

Delta R.T. -0.170 min

Lab File: VU045623.D

Acq: 08 Nov 2021 18:13

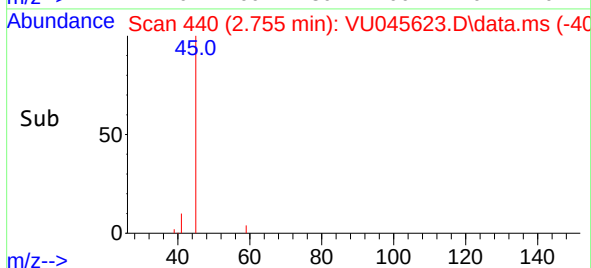
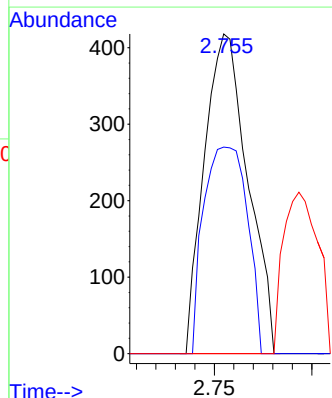
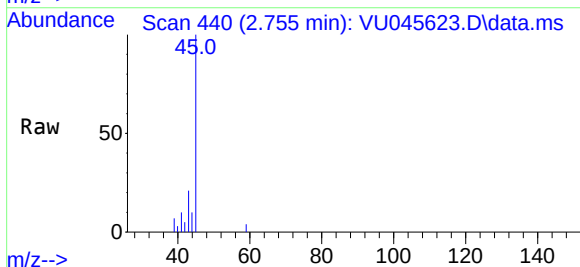
Tgt Ion: 41 Resp: 649

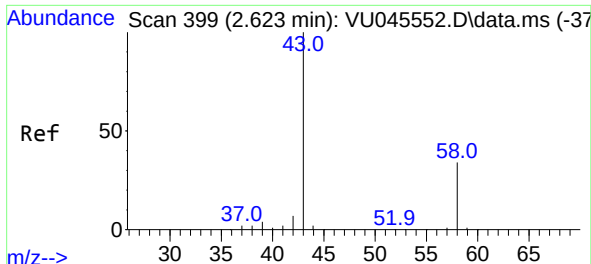
Ion Ratio Lower Upper

41 100

39 64.7 49.7 74.5

76 0.0 27.7 41.5#

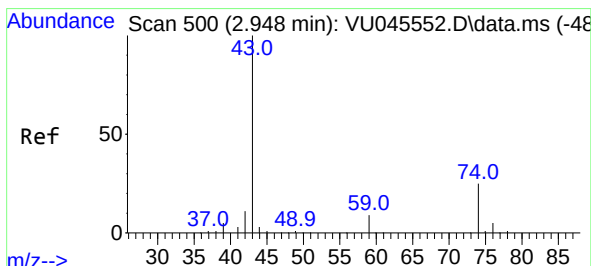
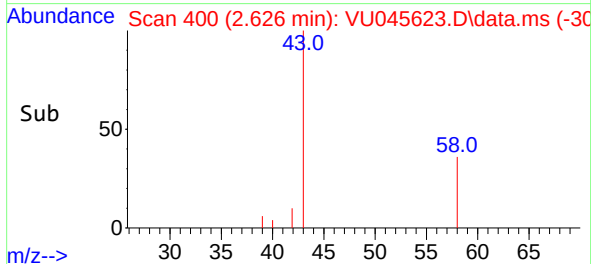
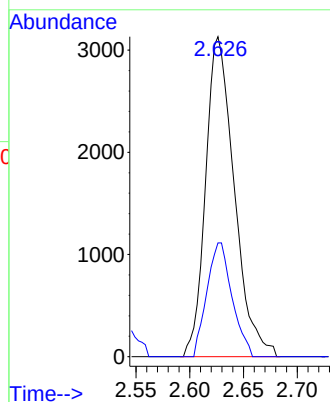
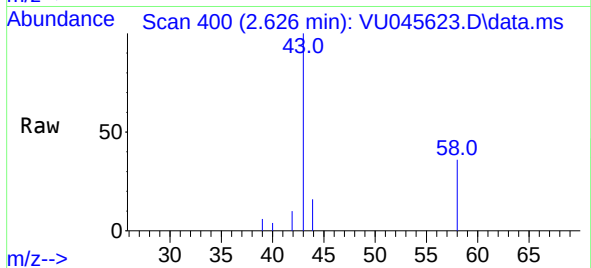




#16
Acetone
Concen: 5.147 ug/l
RT: 2.626 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU045623.D
Acq: 08 Nov 2021 18:13

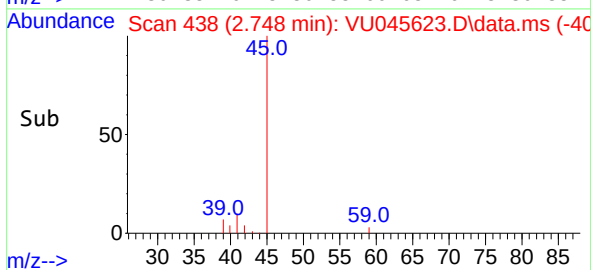
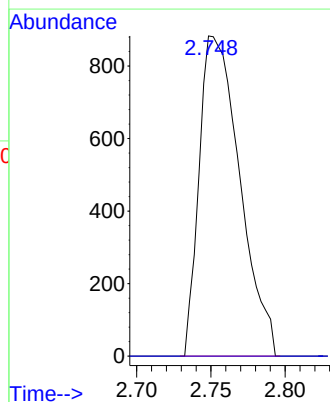
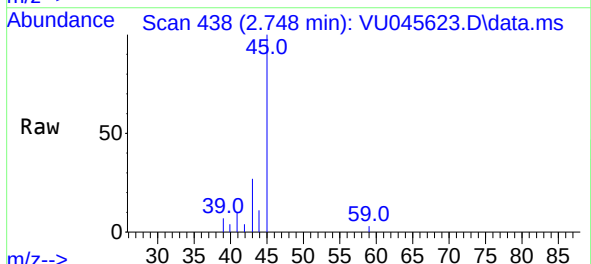
Instrument :
MSVOA_U
ClientSampleId :
AG-7

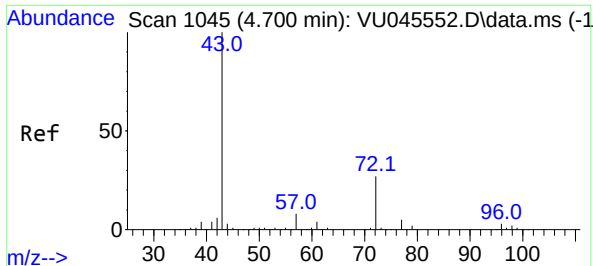
Tgt Ion: 43 Resp: 5800
Ion Ratio Lower Upper
43 100
58 35.5 26.2 39.2



#18
Methyl Acetate
Concen: 0.438 ug/l
RT: 2.748 min Scan# 438
Delta R.T. -0.199 min
Lab File: VU045623.D
Acq: 08 Nov 2021 18:13

Tgt Ion: 43 Resp: 1681
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#

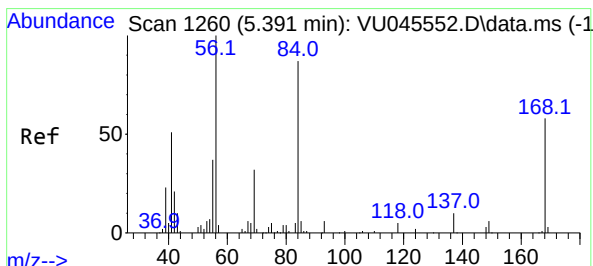
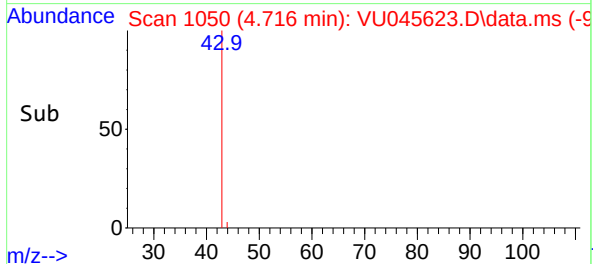
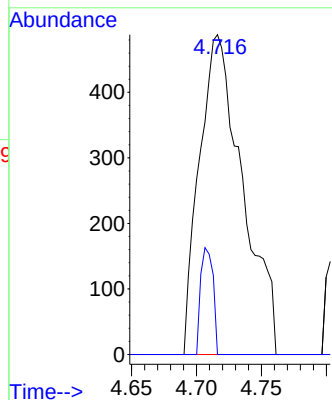
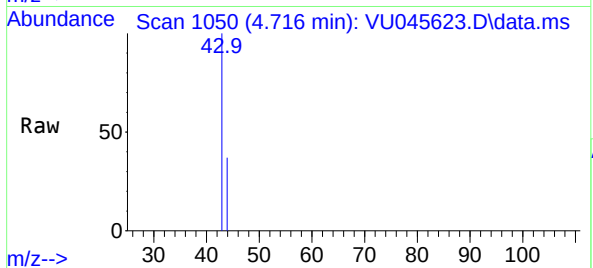




#25
2-Butanone
Concen: 0.721 ug/l
RT: 4.716 min Scan# 1045
Delta R.T. 0.016 min
Lab File: VU045623.D
Acq: 08 Nov 2021 18:13

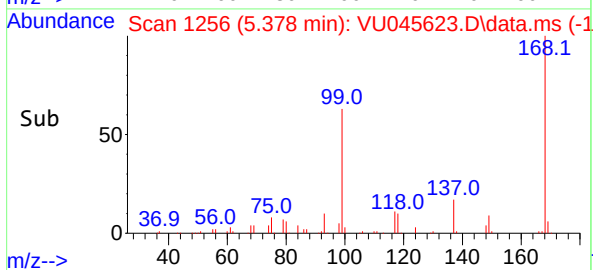
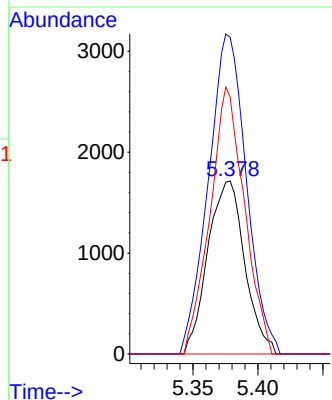
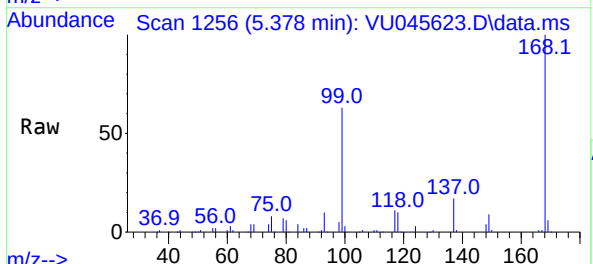
Instrument :
MSVOA_U
ClientSampleId :
AG-7

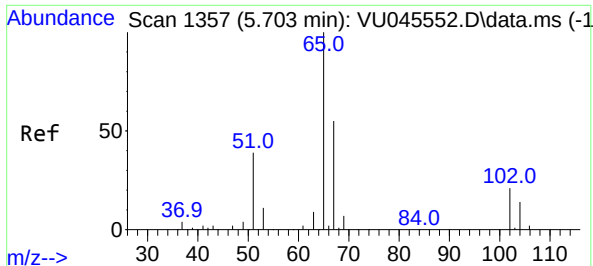
Tgt Ion: 43 Resp: 1127
Ion Ratio Lower Upper
43 100
72 0.0 22.0 33.0#



#31
Cyclohexane
Concen: 1.049 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.013 min
Lab File: VU045623.D
Acq: 08 Nov 2021 18:13

Tgt Ion: 56 Resp: 3388
Ion Ratio Lower Upper
56 100
69 183.1 26.4 39.6#
84 148.5 68.4 102.6#

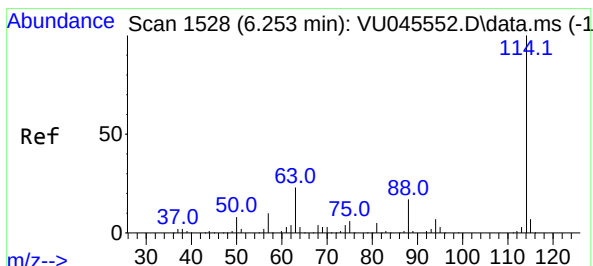
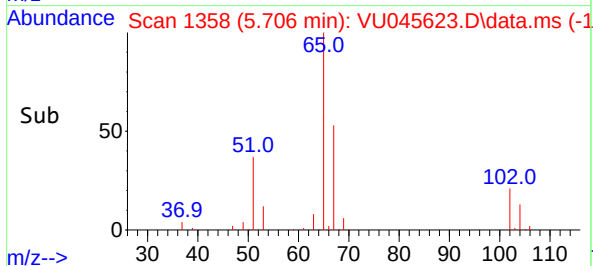
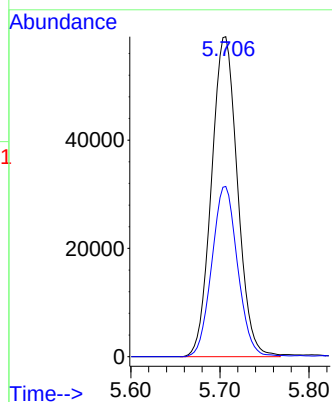
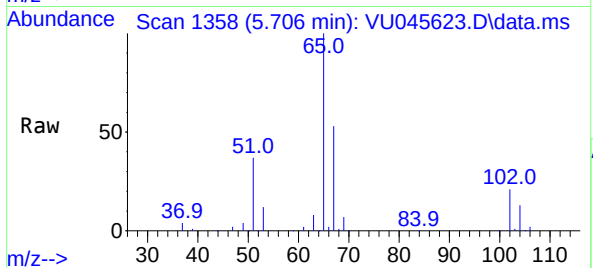




#33
1,2-Dichloroethane-d4
Concen: 54.136 ug/l
RT: 5.706 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045623.D
Acq: 08 Nov 2021 18:13

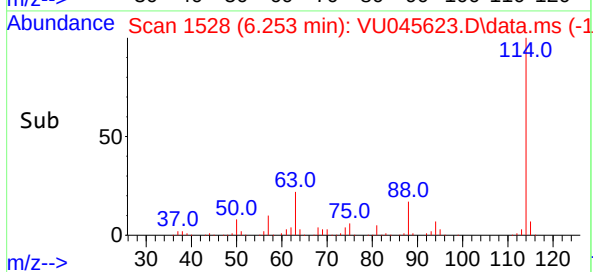
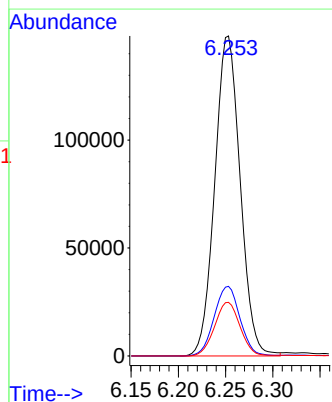
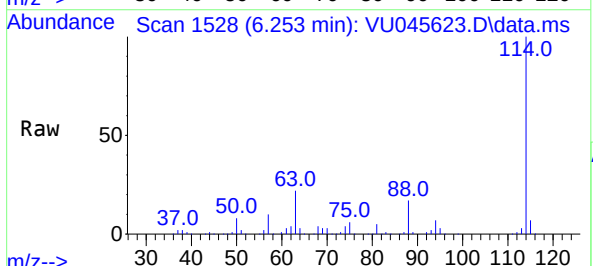
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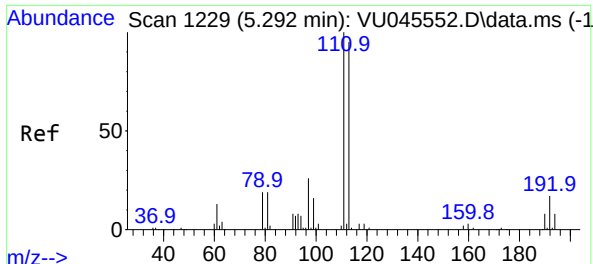
Tgt Ion: 65 Resp: 119849
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045623.D
Acq: 08 Nov 2021 18:13

Tgt Ion:114 Resp: 277197
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.6
88 16.8 0.0 33.8

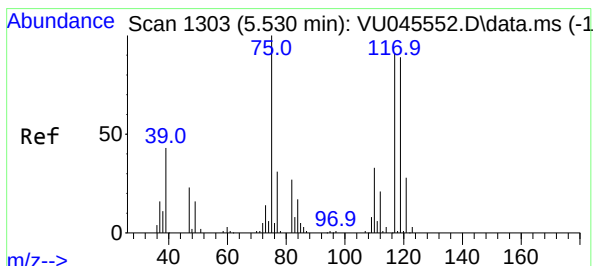
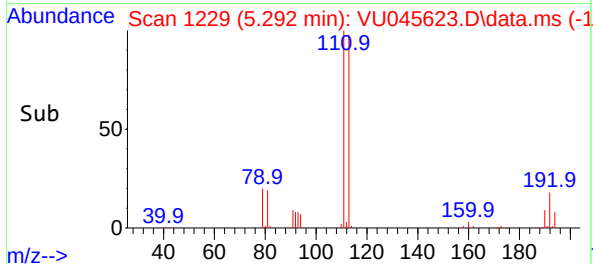
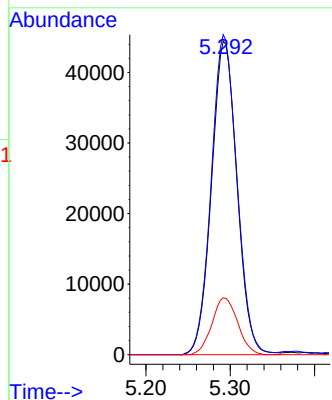
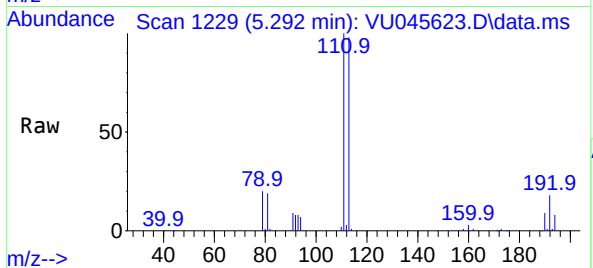




#35
Dibromofluoromethane
Concen: 50.468 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045623.D
Acq: 08 Nov 2021 18:13

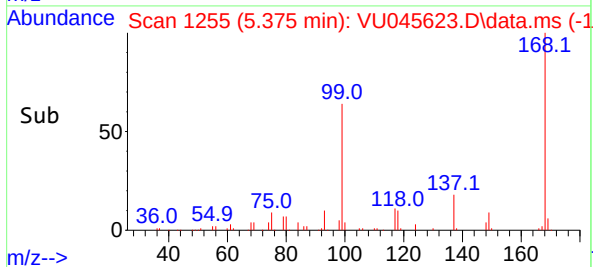
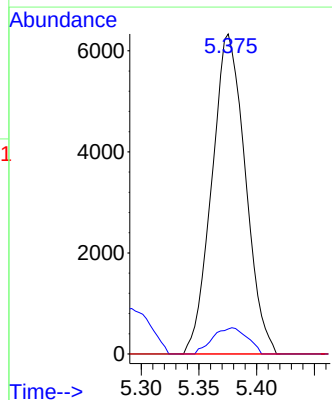
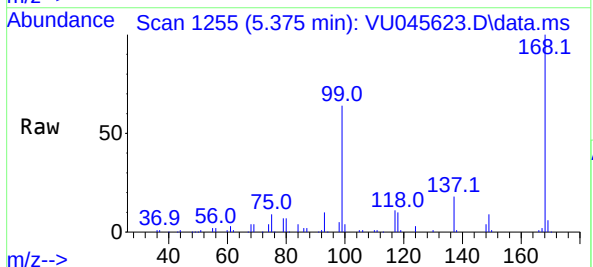
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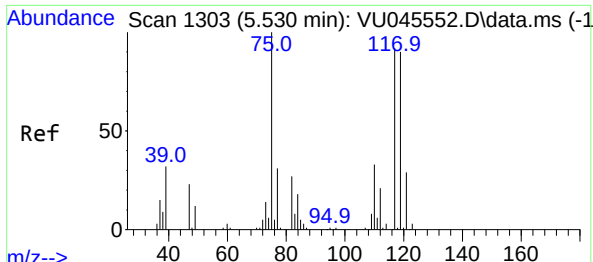
Tgt Ion:113 Resp: 93401
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 18.3 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.719 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045623.D
Acq: 08 Nov 2021 18:13

Tgt Ion: 75 Resp: 12754
Ion Ratio Lower Upper
75 100
110 8.5 16.7 50.0#
77 0.0 25.0 37.4#

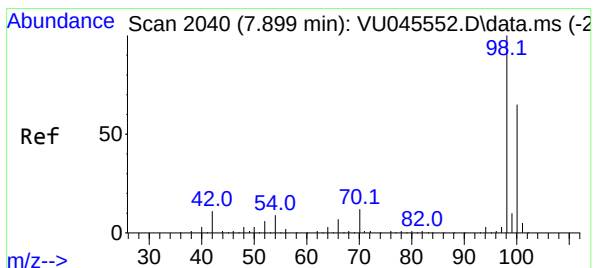
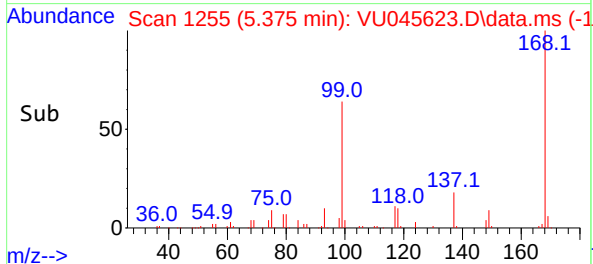
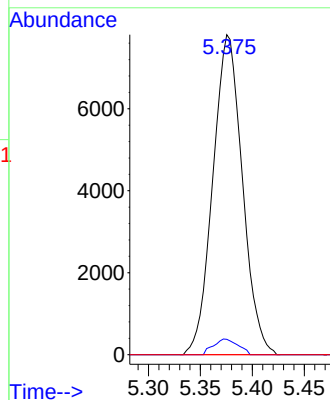
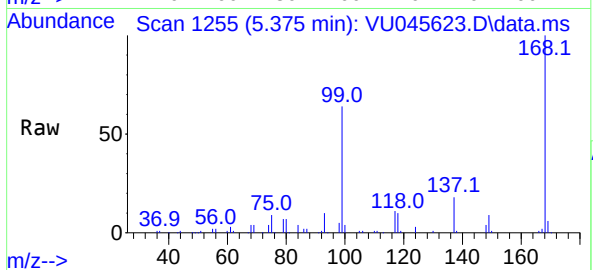




#38
Carbon Tetrachloride
Concen: 5.671 ug/l
RT: 5.375 min Scan# 117
Delta R.T. -0.154 min
Lab File: VU045623.D
Acq: 08 Nov 2021 18:13

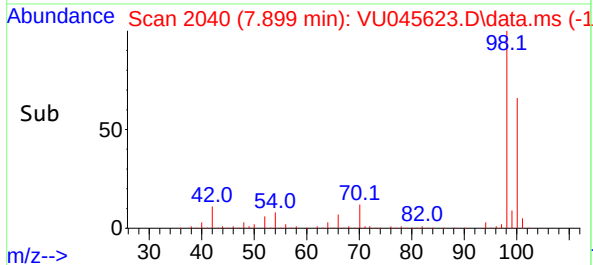
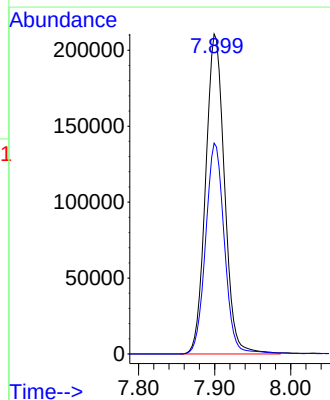
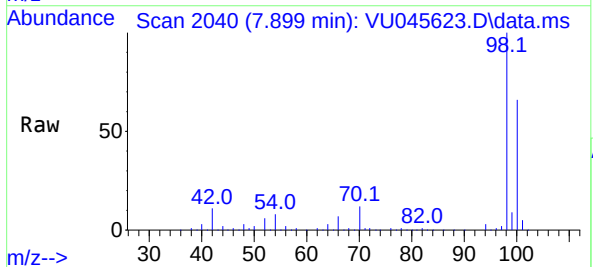
Instrument :
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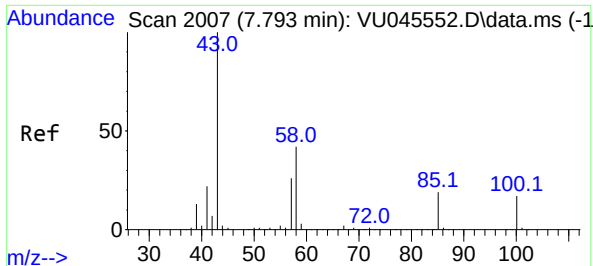
Tgt Ion:117 Resp: 15452
Ion Ratio Lower Upper
117 100
119 4.8 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.774 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045623.D
Acq: 08 Nov 2021 18:13

Tgt Ion: 98 Resp: 363183
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

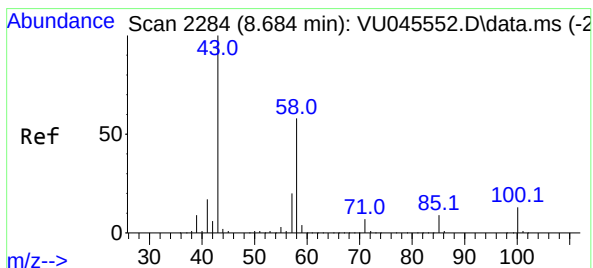
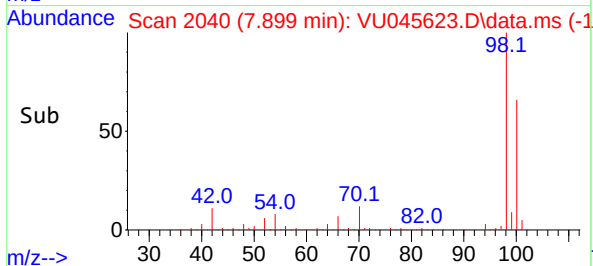
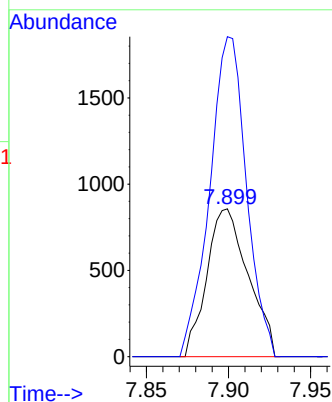
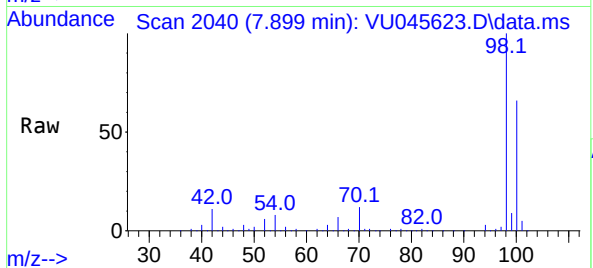




#51
4-Methyl-2-Pentanone
Concen: 0.479 ug/l
RT: 7.899 min Scan# 2007
Delta R.T. 0.106 min
Lab File: VU045623.D
Acq: 08 Nov 2021 18:13

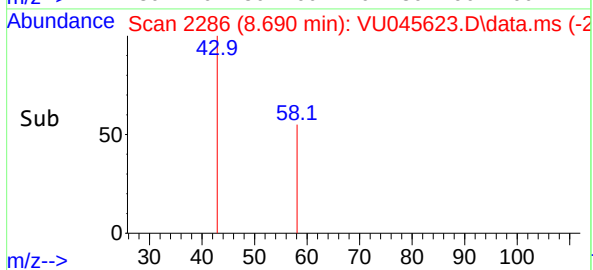
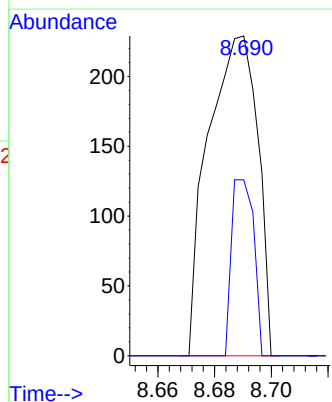
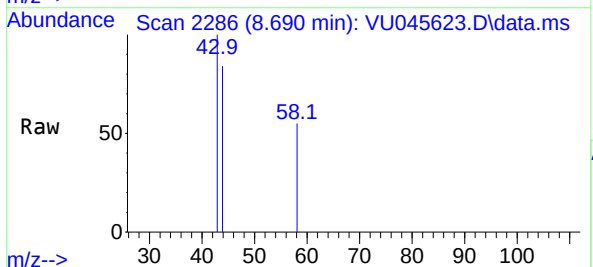
Instrument :
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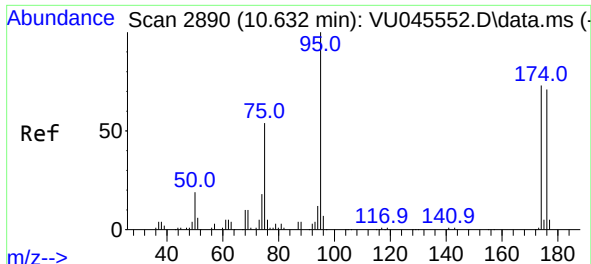
Tgt Ion: 43 Resp: 1501
Ion Ratio Lower Upper
43 100
58 192.1 33.8 50.8#



#59
2-Hexanone
Concen: 7.633 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VU045623.D
Acq: 08 Nov 2021 18:13

Tgt Ion: 43 Resp: 277
Ion Ratio Lower Upper
43 100
58 24.5 29.5 88.6#

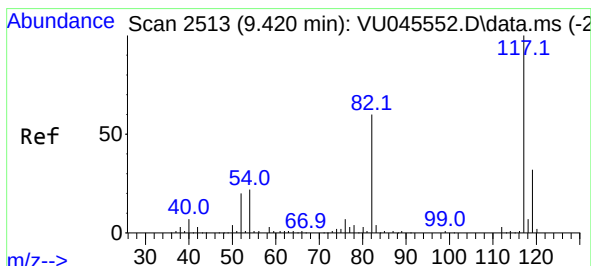
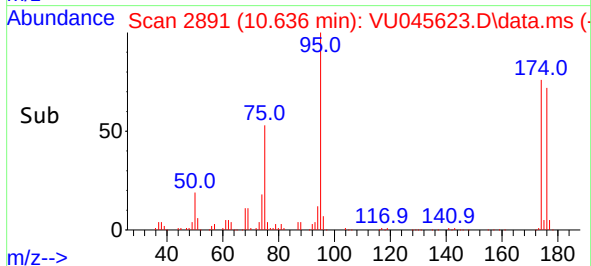
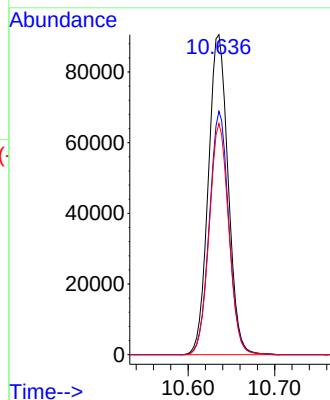
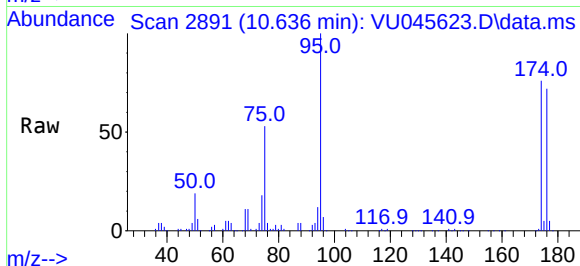




#62
4-Bromofluorobenzene
Concen: 52.135 ug/l
RT: 10.636 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045623.D
Acq: 08 Nov 2021 18:13

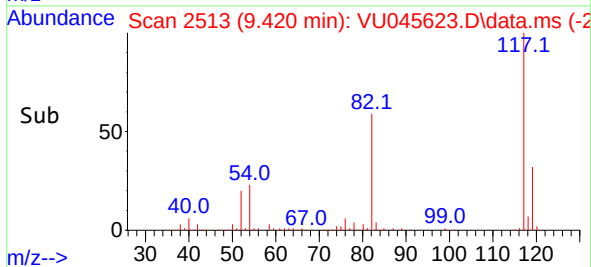
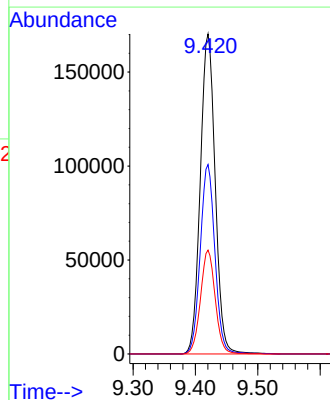
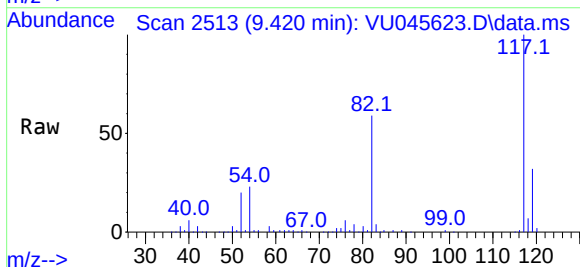
Instrument :
MSVOA_U
ClientSampleId :
AG-7

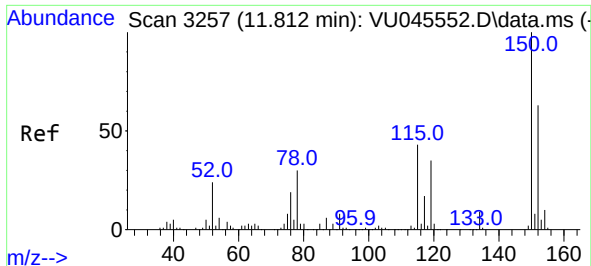
Tgt Ion: 95 Resp: 143871
Ion Ratio Lower Upper
95 100
174 74.7 0.0 141.8
176 71.2 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045623.D
Acq: 08 Nov 2021 18:13

Tgt Ion: 117 Resp: 283311
Ion Ratio Lower Upper
117 100
82 59.2 47.8 71.8
119 32.5 25.8 38.8

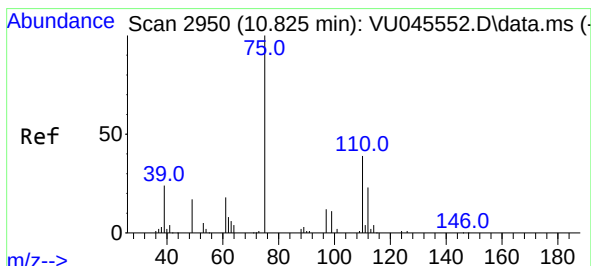
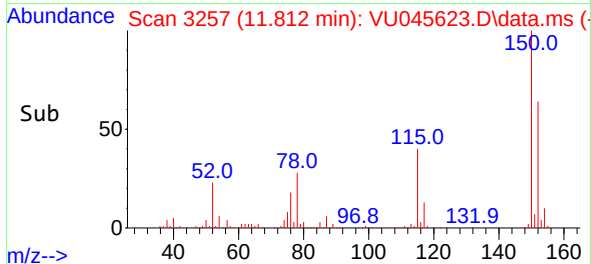
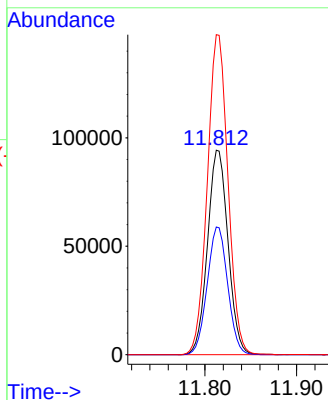
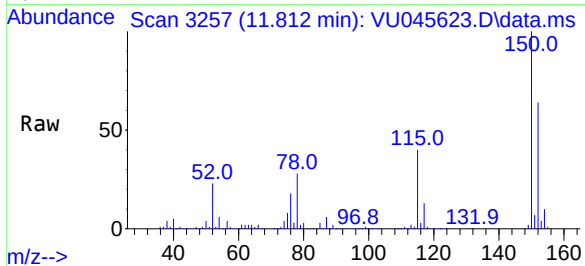




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU045623.D
Acq: 08 Nov 2021 18:13

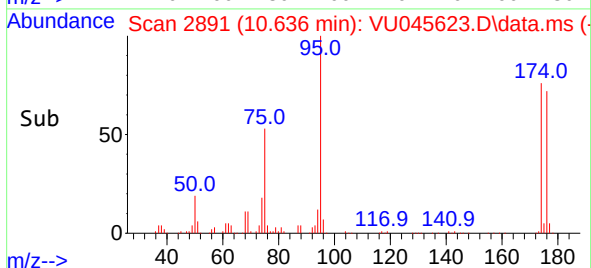
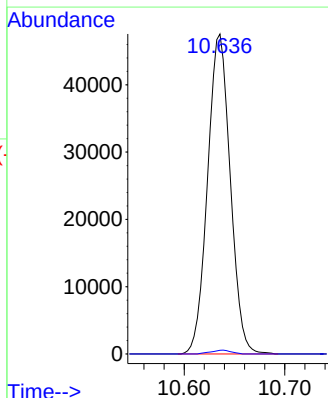
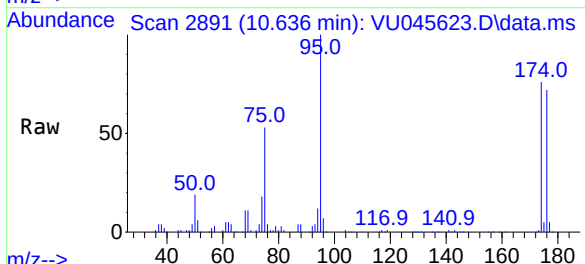
Instrument :
MSVOA_U
ClientSampleId :
AG-7

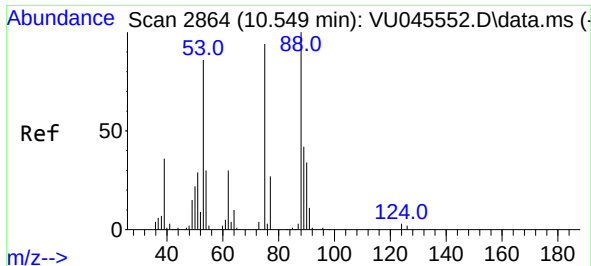
Tgt Ion:152 Resp: 146784
Ion Ratio Lower Upper
152 100
115 62.3 42.7 128.1
150 157.3 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 16.765 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045623.D
Acq: 08 Nov 2021 18:13

Tgt Ion: 75 Resp: 74627
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#

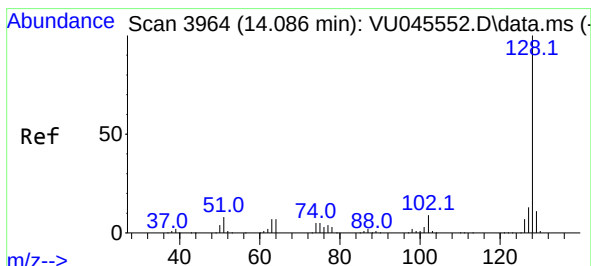
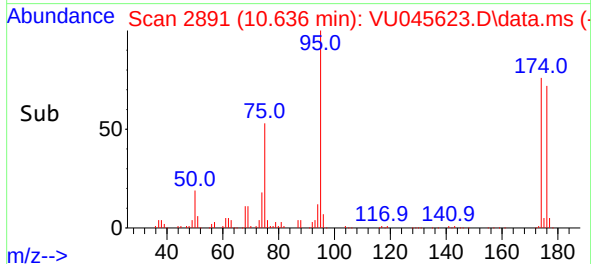
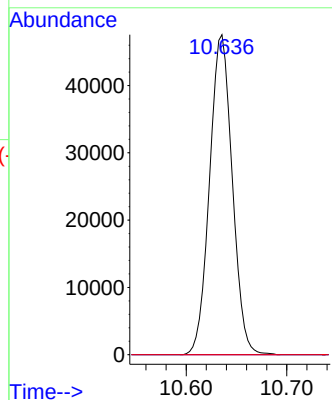
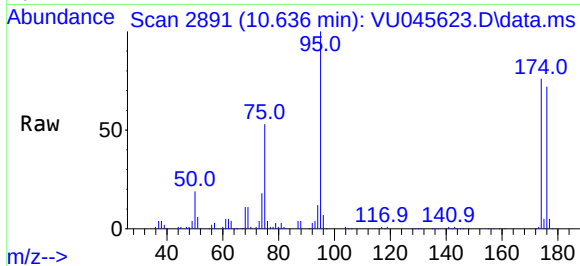




#81
trans-1,4-Dichloro-2-butene
Concen: 54.627 ug/l
RT: 10.636 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU045623.D
Acq: 08 Nov 2021 18:13

Instrument :
MSVOA_U
ClientSampleId :
AG-7

Tgt Ion: 75 Resp: 74627
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.077 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU045623.D
Acq: 08 Nov 2021 18:13

Tgt Ion:128 Resp: 582
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

