

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045716.D
 Acq On : 11 Nov 2021 02:55
 Operator : SY/MD
 Sample : M4599-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-J

Quant Time: Nov 11 13:08:33 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)

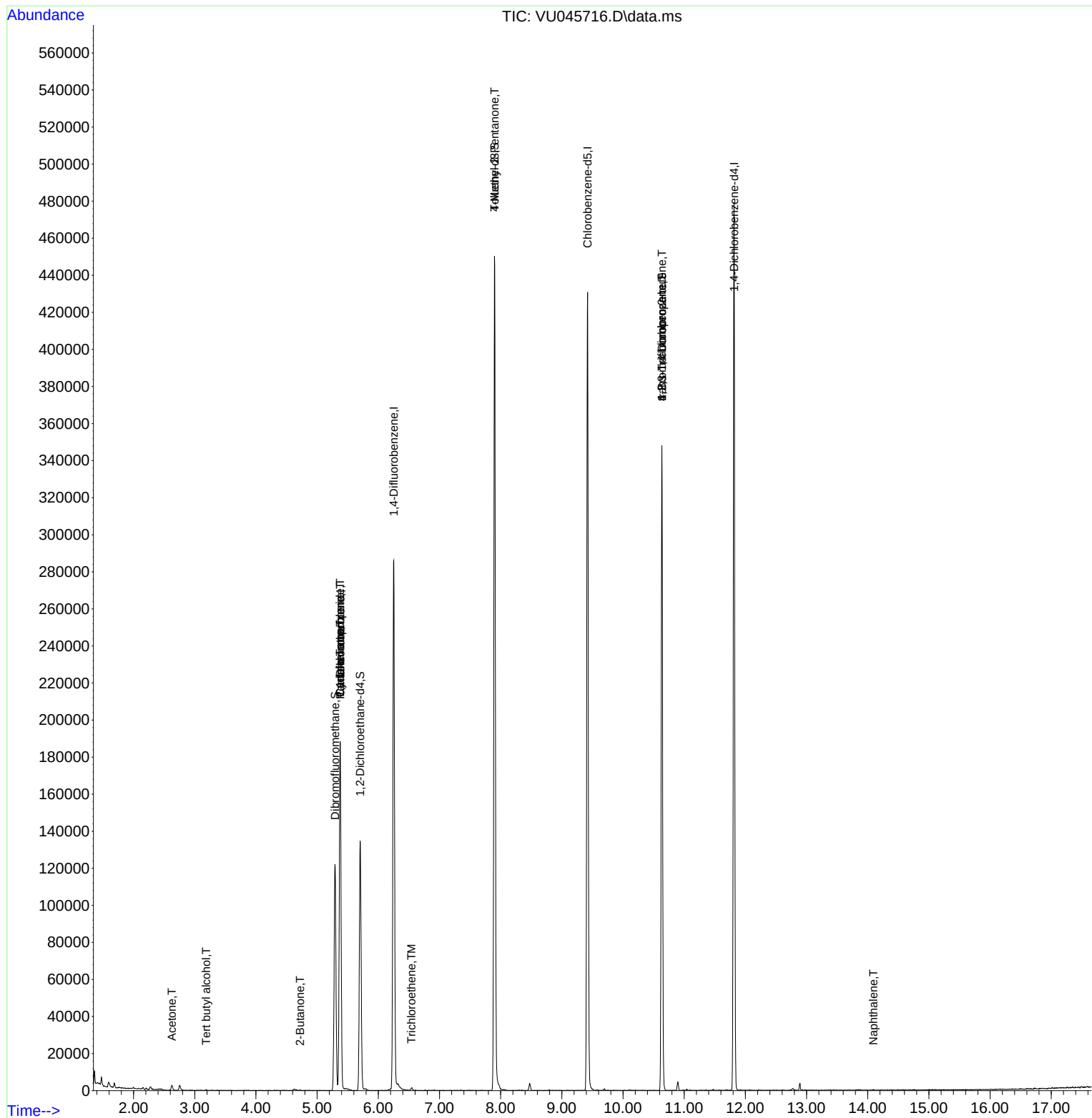
Internal Standards						
1) Pentafluorobenzene	5.378	168	121729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	225707	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	235543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	117799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	100177	54.951	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.900%	
35) Dibromofluoromethane	5.292	113	78163	51.869	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.740%	
50) Toluene-d8	7.899	98	298813	53.326	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.660%	
62) 4-Bromofluorobenzene	10.636	95	113669	50.588	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.180%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.186	59	96	0.266	ug/l #	72
16) Acetone	2.626	43	3365	3.626	ug/l	91
25) 2-Butanone	4.719	43	412	0.320	ug/l #	47
31) Cyclohexane	5.375	56	2696	1.014	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	10773	4.895	ug/l #	49
38) Carbon Tetrachloride	5.375	117	13096	5.902	ug/l #	16
44) Trichloroethene	6.539	130	551	0.353	ug/l	90
51) 4-Methyl-2-Pentanone	7.899	43	1158	0.454	ug/l #	1
76) 1,2,3-Trichloropropane	10.636	75	60167	16.842	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	60167	54.865	ug/l #	12
95) Naphthalene	14.092	128	407	1.071	ug/l #	69

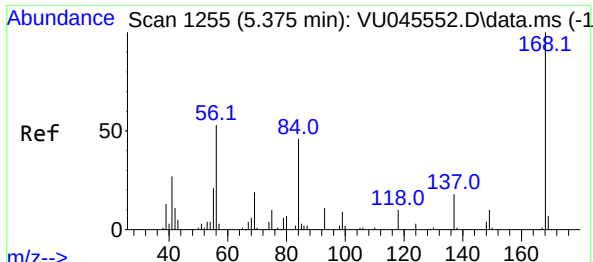
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

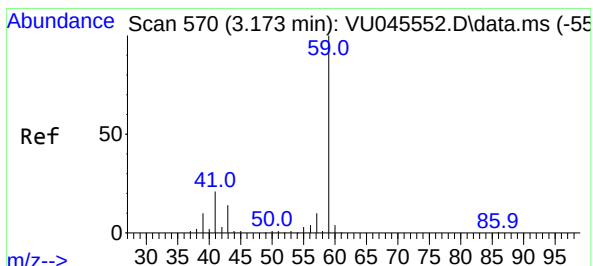
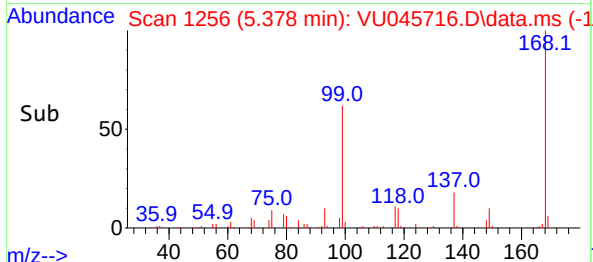
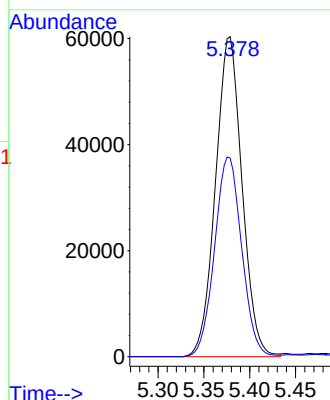
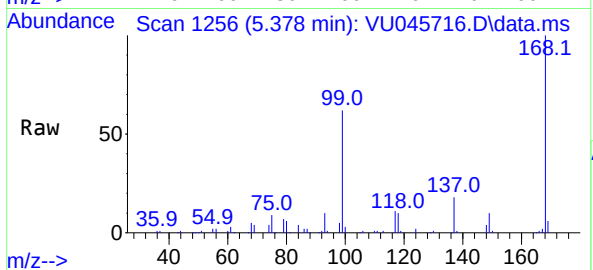




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045716.D
Acq: 11 Nov 2021 02:55

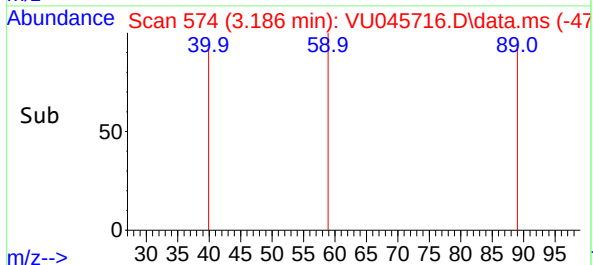
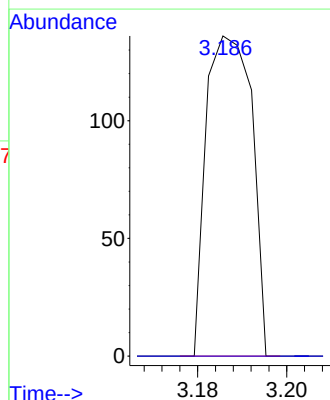
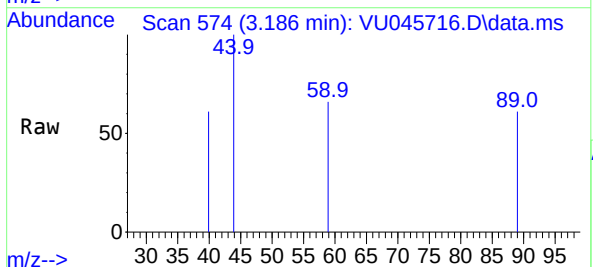
Instrument :
MSVOA_U
ClientSampleId :
TW-J

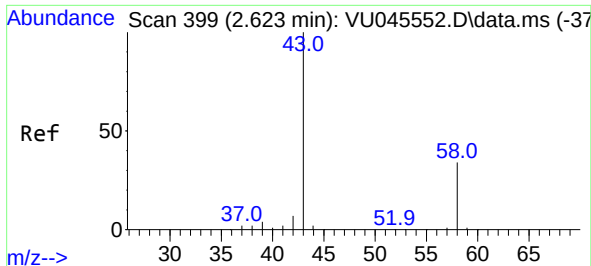
Tgt Ion:168 Resp: 121729
Ion Ratio Lower Upper
168 100
99 62.1 51.0 76.6



#11
Tert butyl alcohol
Concen: 0.266 ug/l
RT: 3.186 min Scan# 574
Delta R.T. 0.013 min
Lab File: VU045716.D
Acq: 11 Nov 2021 02:55

Tgt Ion: 59 Resp: 96
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

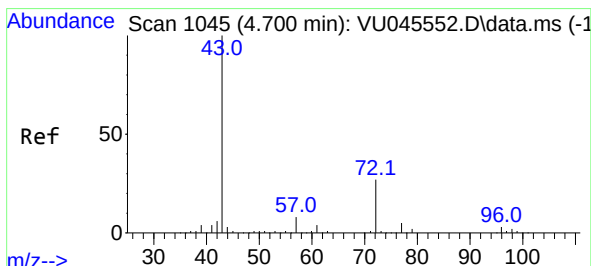
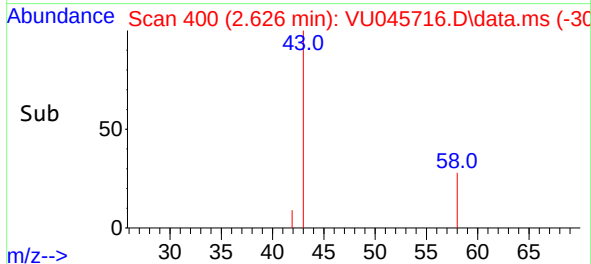
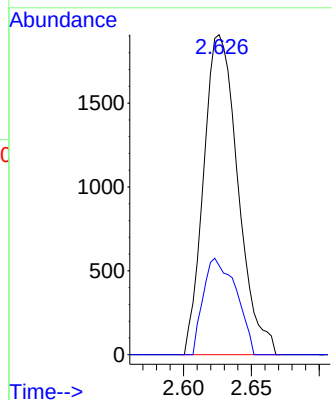
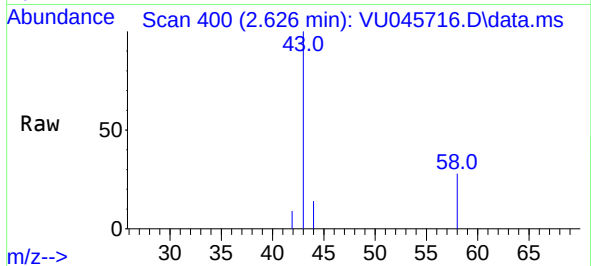




#16
Acetone
Concen: 3.626 ug/l
RT: 2.626 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU045716.D
Acq: 11 Nov 2021 02:55

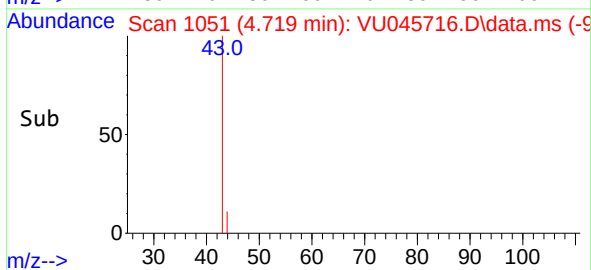
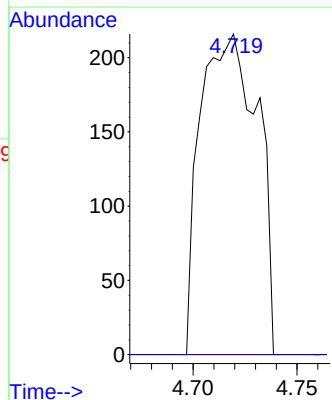
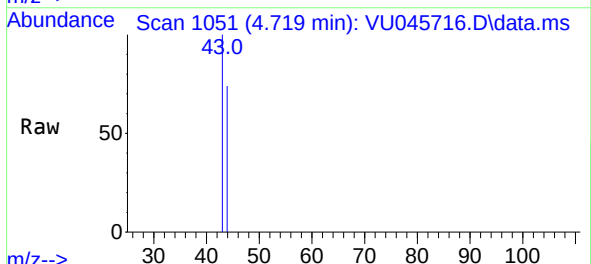
Instrument :
MSVOA_U
ClientSampleId :
TW-J

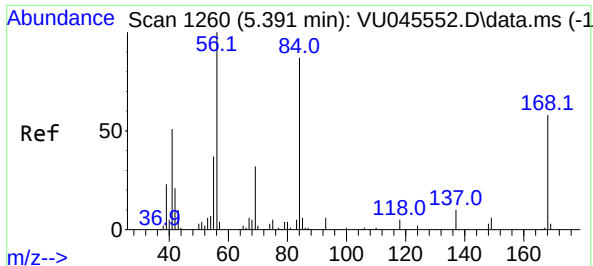
Tgt Ion: 43 Resp: 3365
Ion Ratio Lower Upper
43 100
58 27.9 26.2 39.2



#25
2-Butanone
Concen: 0.320 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.019 min
Lab File: VU045716.D
Acq: 11 Nov 2021 02:55

Tgt Ion: 43 Resp: 412
Ion Ratio Lower Upper
43 100
72 0.0 22.0 33.0#

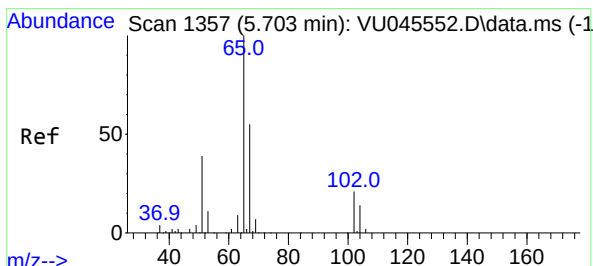
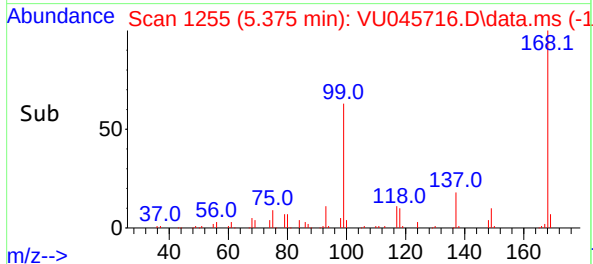
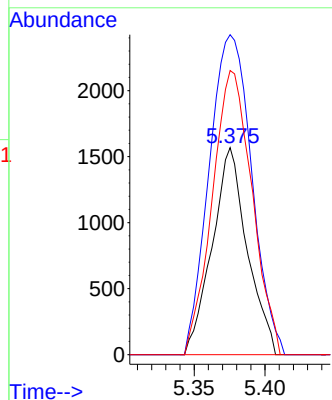
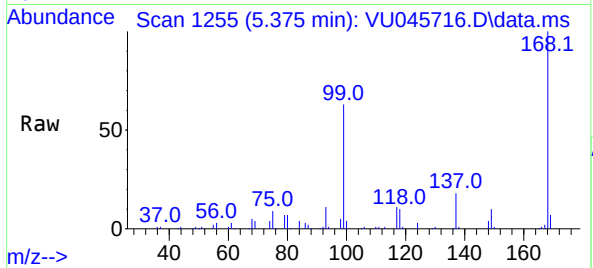




#31
Cyclohexane
Concen: 1.014 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU045716.D
Acq: 11 Nov 2021 02:55

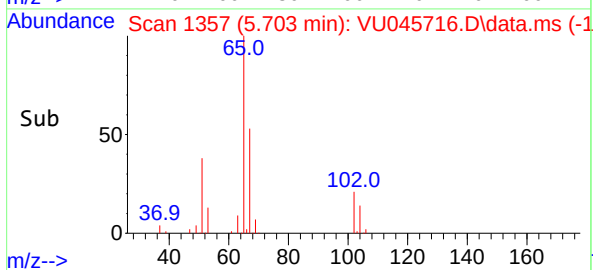
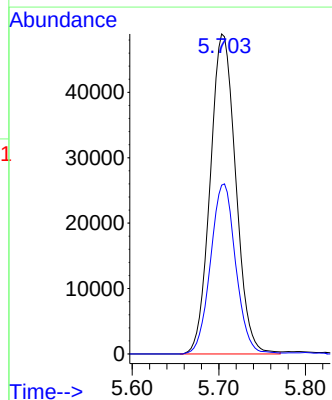
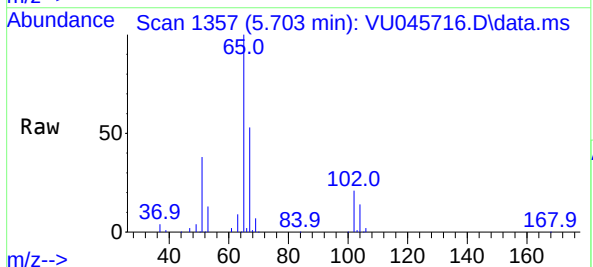
Instrument :
MSVOA_U
ClientSampleId :
TW-J

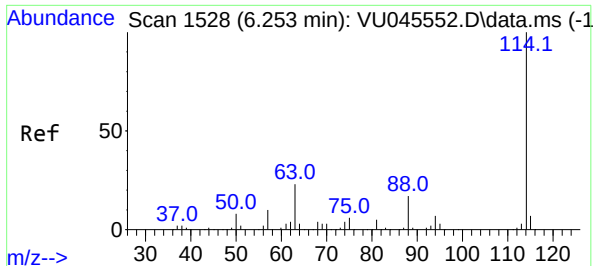
Tgt Ion: 56 Resp: 2696
Ion Ratio Lower Upper
56 100
69 154.6 26.4 39.6#
84 137.2 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 54.951 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VU045716.D
Acq: 11 Nov 2021 02:55

Tgt Ion: 65 Resp: 100177
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.8

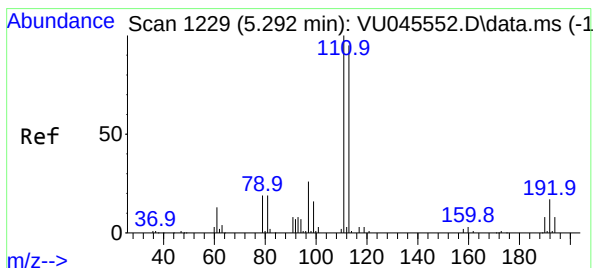
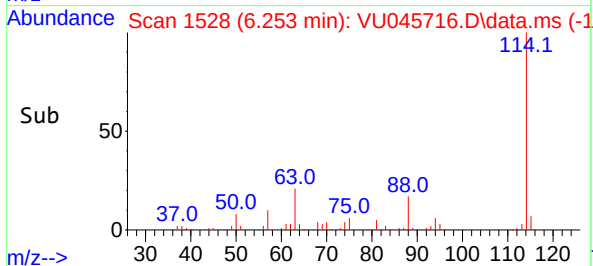
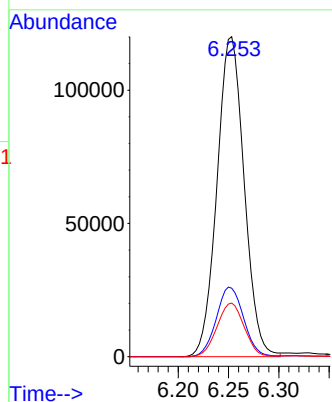
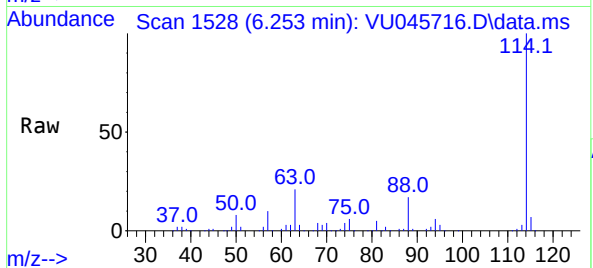




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045716.D
Acq: 11 Nov 2021 02:55

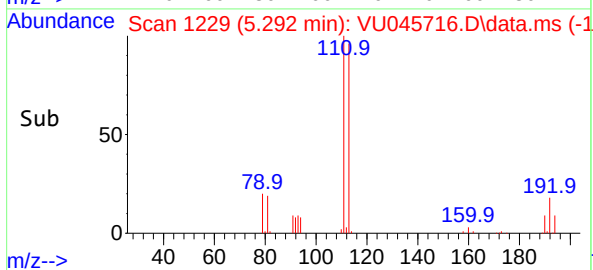
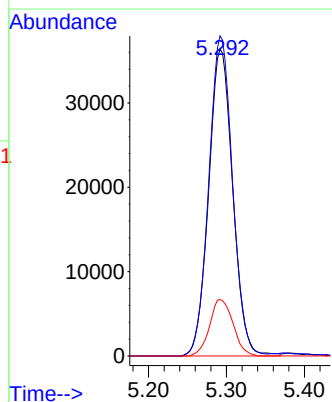
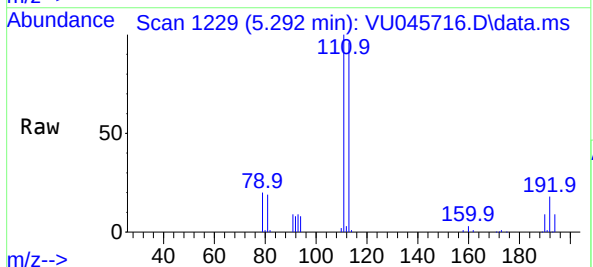
Instrument :
MSVOA_U
ClientSampleId :
TW-J

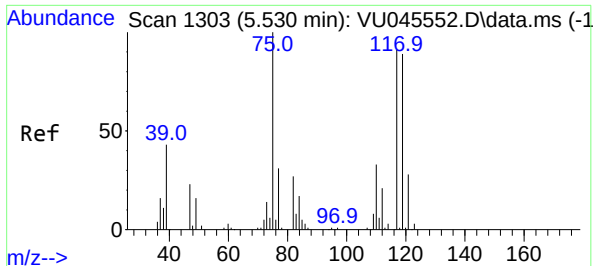
Tgt Ion:114 Resp: 225707
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.6
88 16.7 0.0 33.8



#35
Dibromofluoromethane
Concen: 51.869 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU045716.D
Acq: 11 Nov 2021 02:55

Tgt Ion:113 Resp: 78163
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 17.9 14.8 22.2

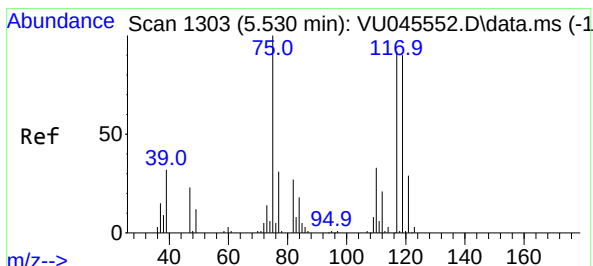
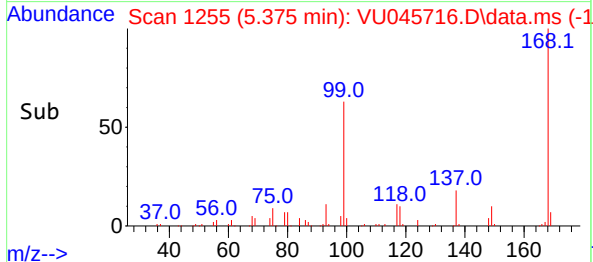
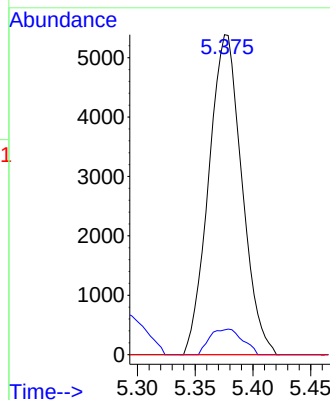
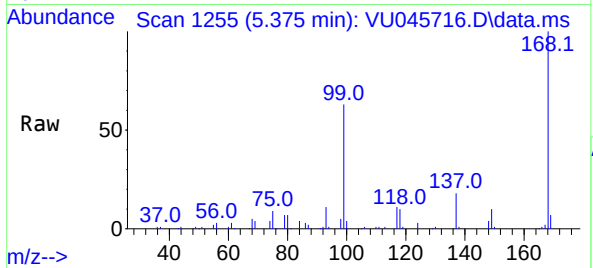




#36
1,1-Dichloropropene
Concen: 4.895 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045716.D
Acq: 11 Nov 2021 02:55

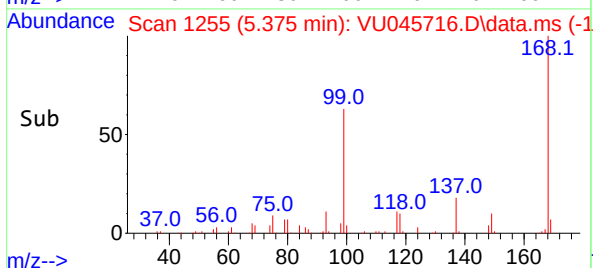
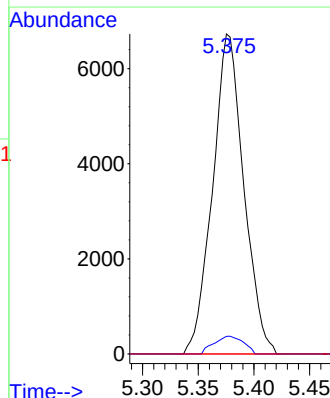
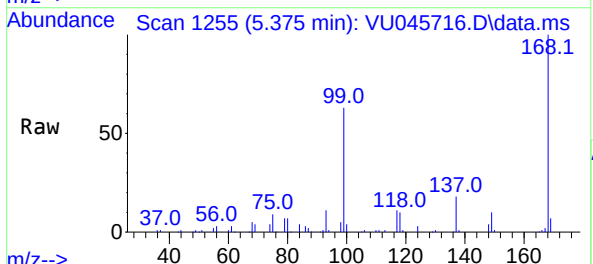
Instrument :
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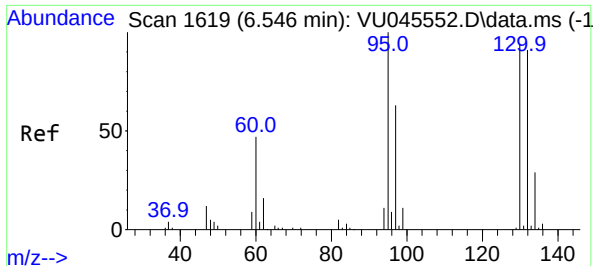
Tgt Ion: 75 Resp: 10773
Ion Ratio Lower Upper
75 100
110 7.9 16.7 50.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.902 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045716.D
Acq: 11 Nov 2021 02:55

Tgt Ion: 117 Resp: 13096
Ion Ratio Lower Upper
117 100
119 5.5 77.4 116.0#
121 0.0 24.8 37.2#





#44

Trichloroethene

Concen: 0.353 ug/l

RT: 6.539 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU045716.D

Acq: 11 Nov 2021 02:55

Instrument :

MSVOA_U

ClientSampleId :

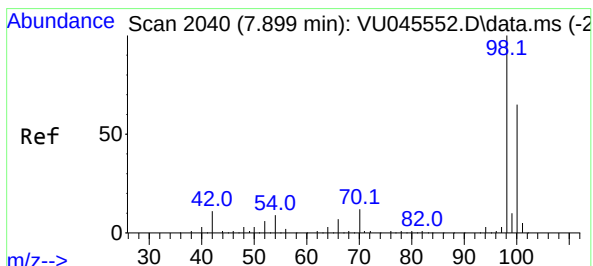
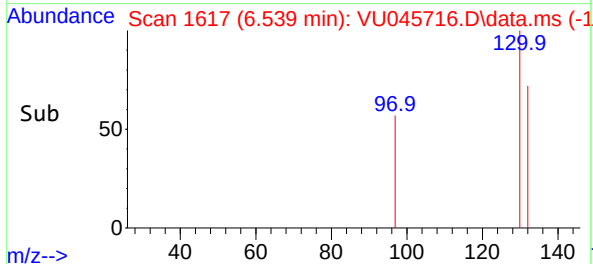
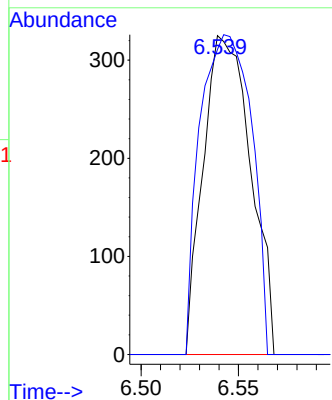
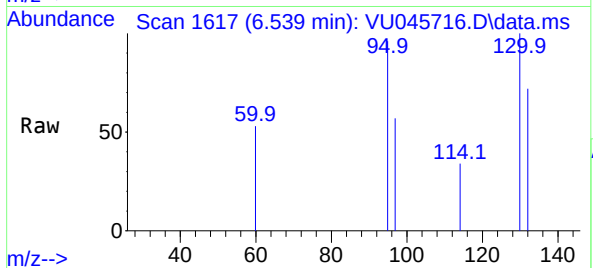
TW-J

Tgt Ion:130 Resp: 551

Ion Ratio Lower Upper

130 100

95 95.7 0.0 211.4



#50

Toluene-d8

Concen: 53.326 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU045716.D

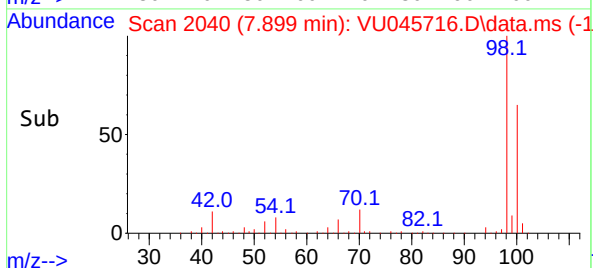
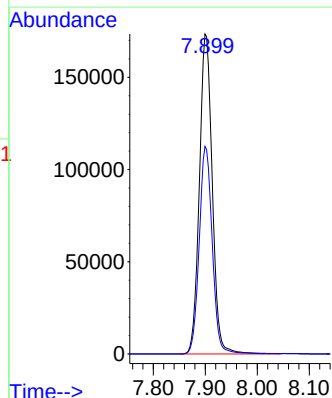
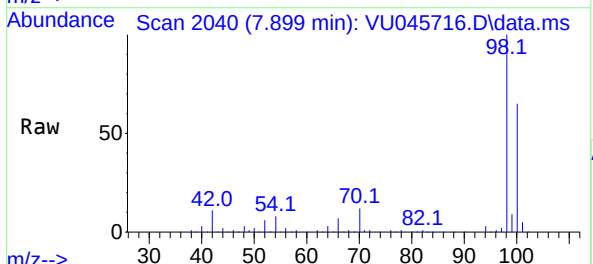
Acq: 11 Nov 2021 02:55

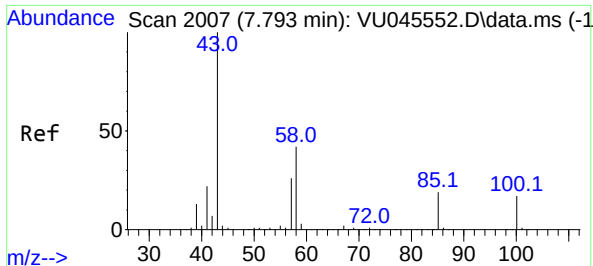
Tgt Ion: 98 Resp: 298813

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7

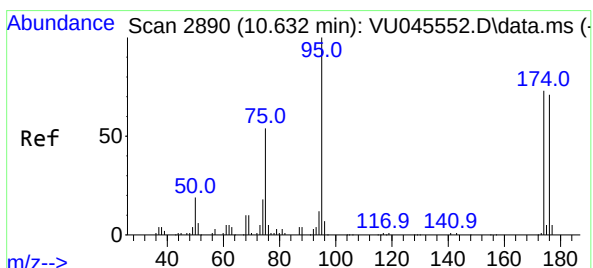
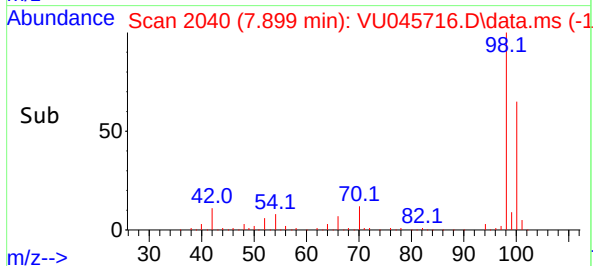
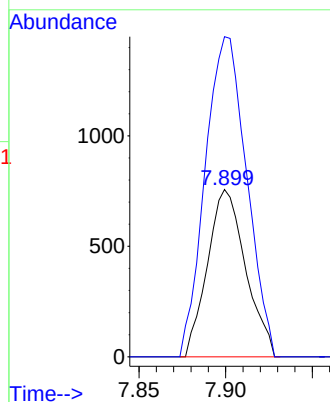
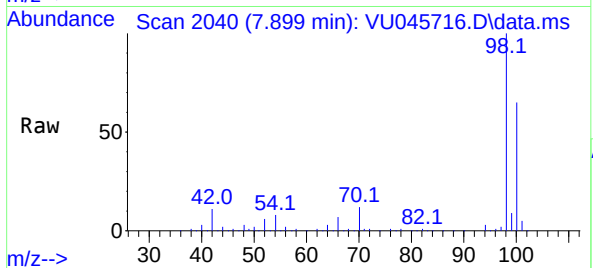




#51
4-Methyl-2-Pentanone
Concen: 0.454 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.106 min
Lab File: VU045716.D
Acq: 11 Nov 2021 02:55

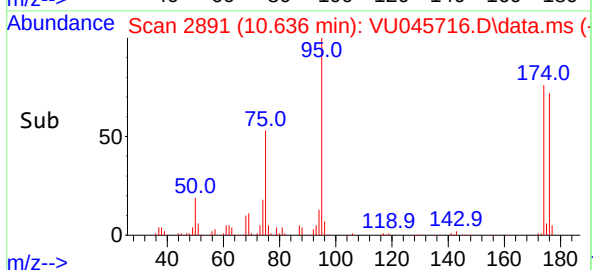
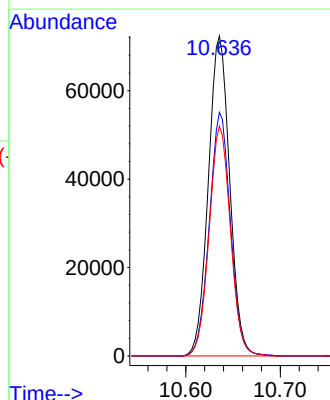
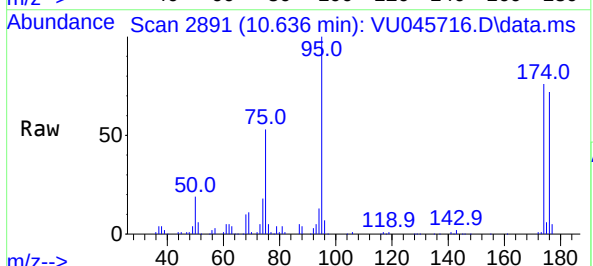
Instrument :
MSVOA_U
ClientSampleId :
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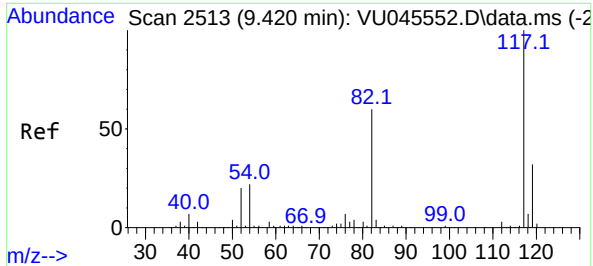
Tgt Ion: 43 Resp: 1158
Ion Ratio Lower Upper
43 100
58 207.9 33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 50.588 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045716.D
Acq: 11 Nov 2021 02:55

Tgt Ion: 95 Resp: 113669
Ion Ratio Lower Upper
95 100
174 75.6 0.0 141.8
176 71.4 0.0 138.2

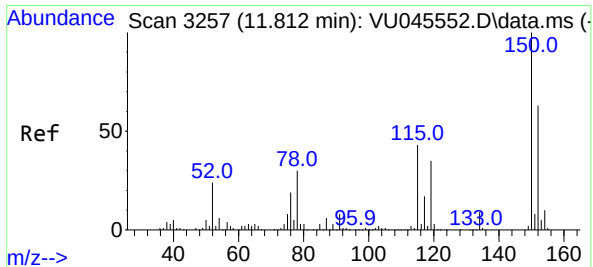
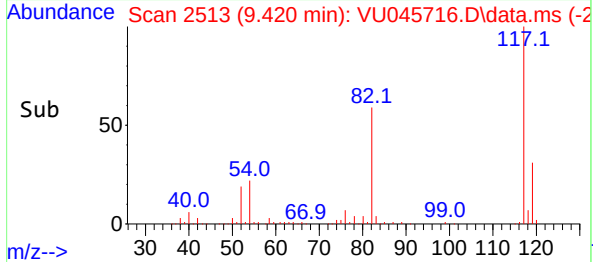
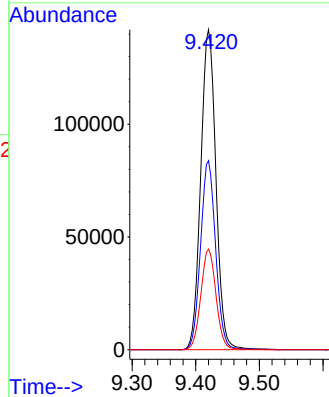
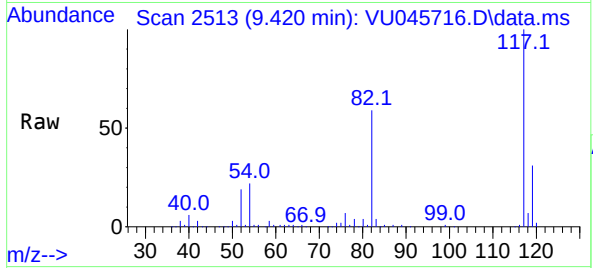




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045716.D
Acq: 11 Nov 2021 02:55

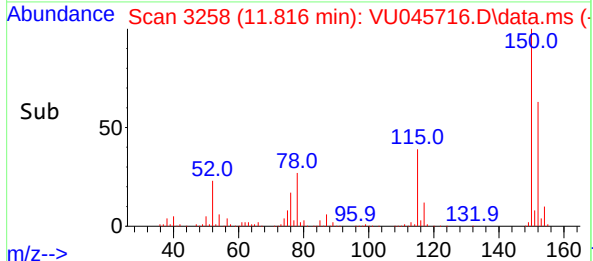
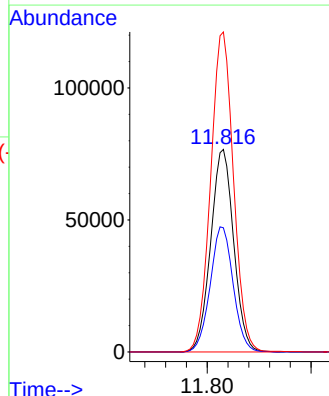
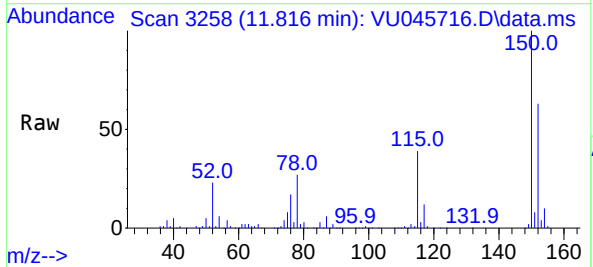
Instrument :
MSVOA_U
ClientSampleId :
TW-J

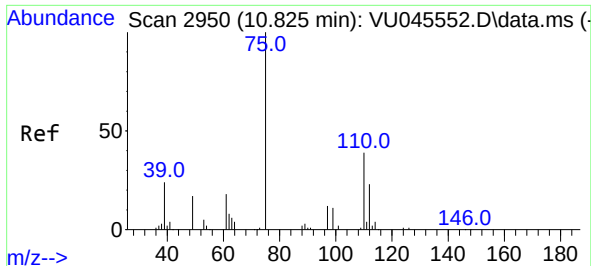
Tgt Ion:117 Resp: 235543
Ion Ratio Lower Upper
117 100
82 59.1 47.8 71.8
119 31.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045716.D
Acq: 11 Nov 2021 02:55

Tgt Ion:152 Resp: 117799
Ion Ratio Lower Upper
152 100
115 61.7 42.7 128.1
150 157.1 0.0 346.8

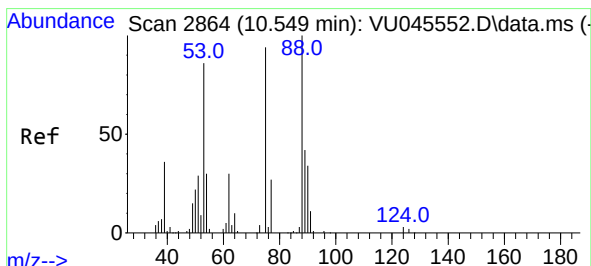
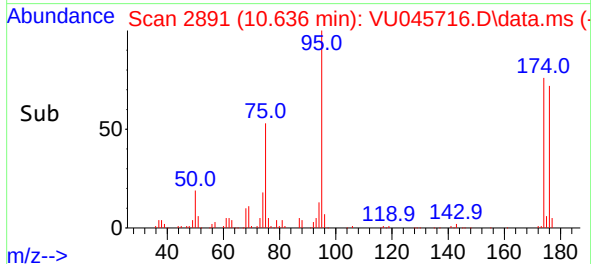
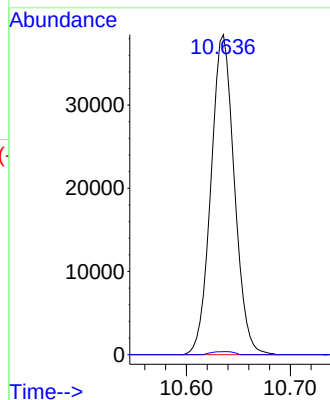
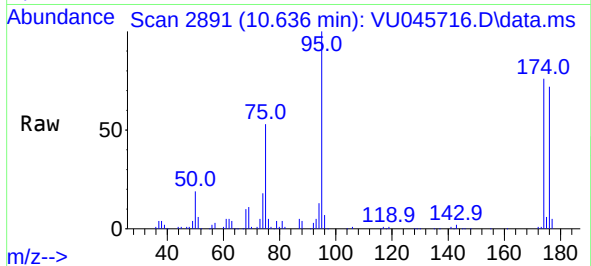




#76
1,2,3-Trichloropropane
Concen: 16.842 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045716.D
Acq: 11 Nov 2021 02:55

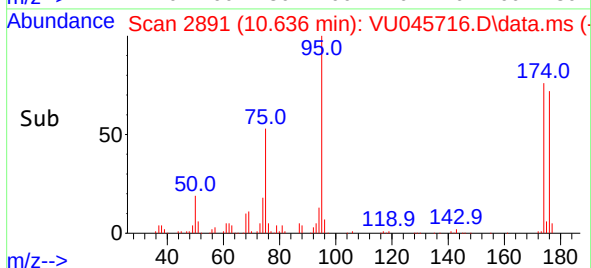
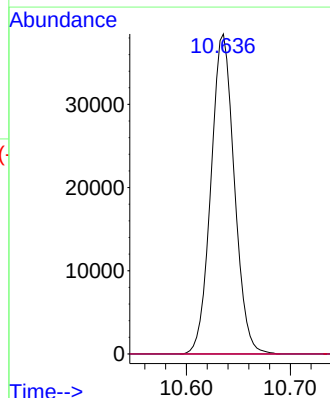
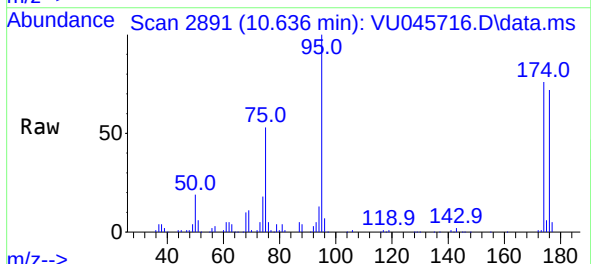
Instrument :
MSVOA_U
ClientSampleId :
TW-J

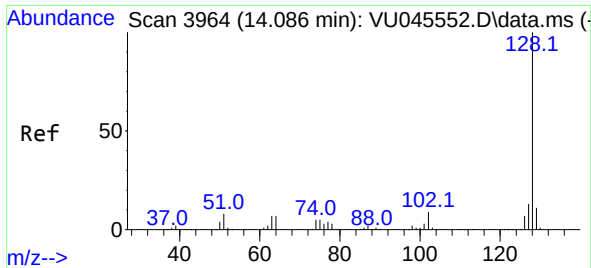
Tgt Ion: 75 Resp: 60167
Ion Ratio Lower Upper
75 100
77 0.9 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.865 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045716.D
Acq: 11 Nov 2021 02:55

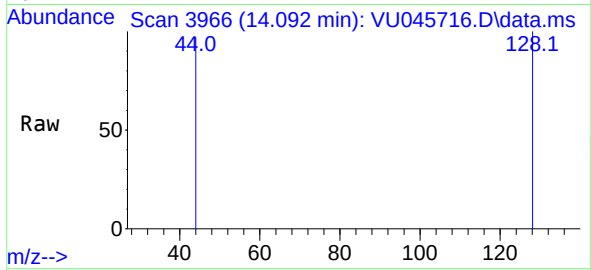
Tgt Ion: 75 Resp: 60167
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95
Naphthalene
Concen: 1.071 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU045716.D
Acq: 11 Nov 2021 02:55

Instrument :
MSVOA_U
ClientSampleId :
TW-J



Tgt Ion:128 Resp: 407
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

