

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045642.D
 Acq On : 09 Nov 2021 02:17
 Operator : SY/MD
 Sample : M4504-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RW8-MW01D3-20211103

Quant Time: Nov 09 11:16:33 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)

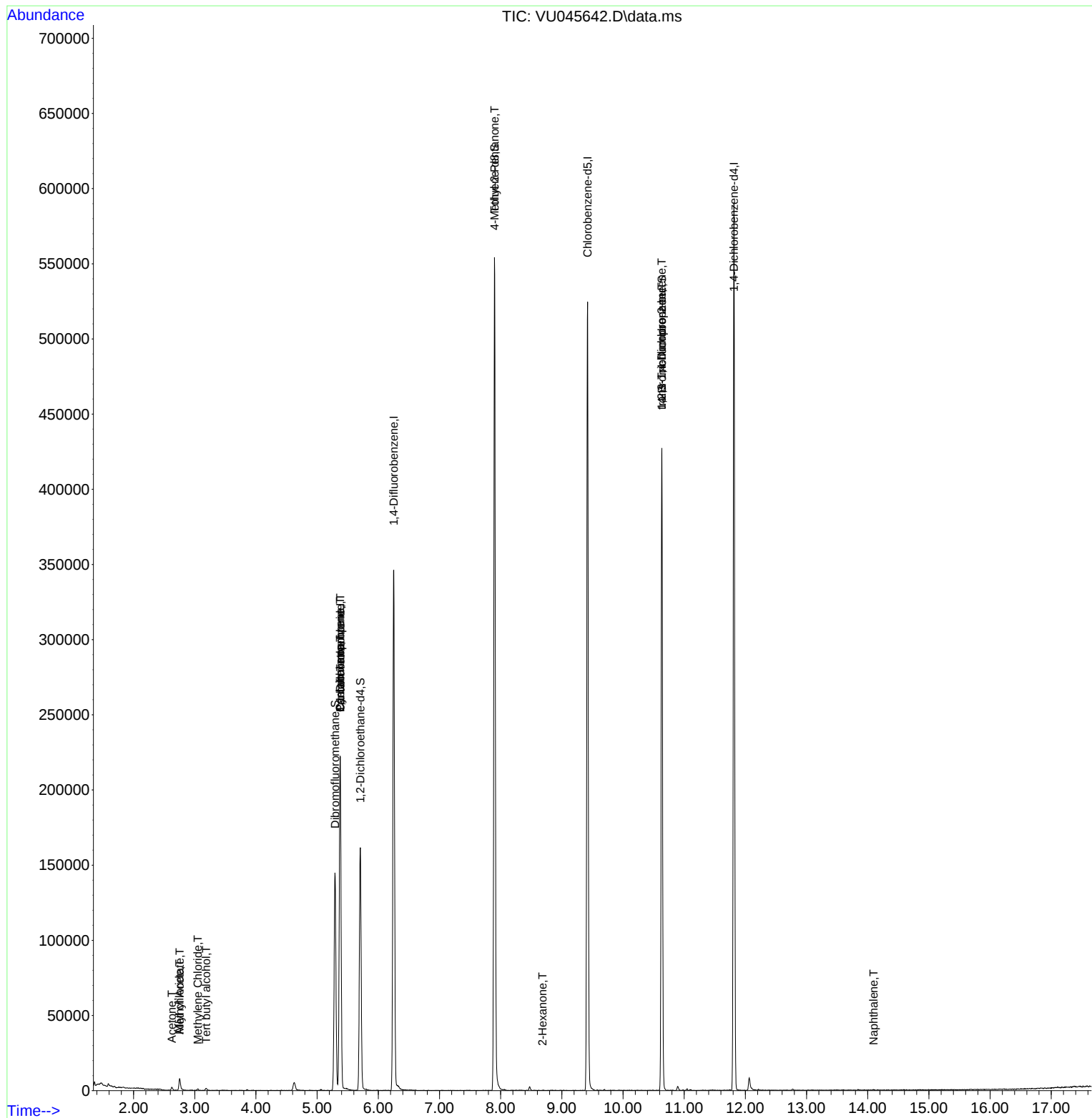
Internal Standards						
1) Pentafluorobenzene	5.379	168	148236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	275070	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	283016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	144970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	119512	53.834	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.660%			
35) Dibromofluoromethane	5.292	113	92599	50.422	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.840%			
50) Toluene-d8	7.899	98	363563	53.238	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.480%			
62) 4-Bromofluorobenzene	10.636	95	140581	51.337	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.680%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.186	59	988	2.248	ug/l #	72
14) Allyl chloride	2.752	41	744	0.255	ug/l #	64
16) Acetone	2.626	43	2403	2.126	ug/l	94
18) Methyl Acetate	2.755	43	1990	0.517	ug/l #	50
20) Methylene Chloride	3.051	84	502	0.256	ug/l #	93
31) Cyclohexane	5.375	56	3312	1.022	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	12736	4.748	ug/l #	51
38) Carbon Tetrachloride	5.379	117	15668	5.794	ug/l #	16
51) 4-Methyl-2-Pentanone	7.903	43	1490	0.479	ug/l #	1
59) 2-Hexanone	8.684	43	67	7.559	ug/l #	21
76) 1,2,3-Trichloropropane	10.632	75	74318	16.905	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.632	75	74318	55.056	ug/l #	12
95) Naphthalene	14.095	128	533	1.073	ug/l #	69

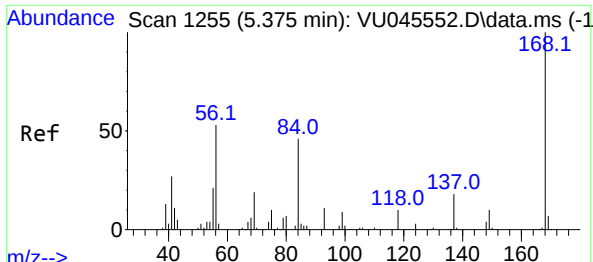
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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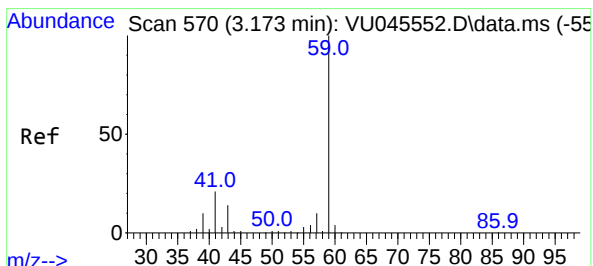
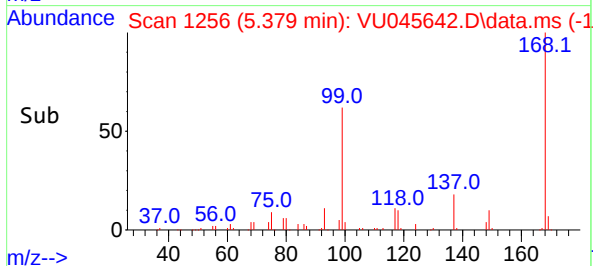
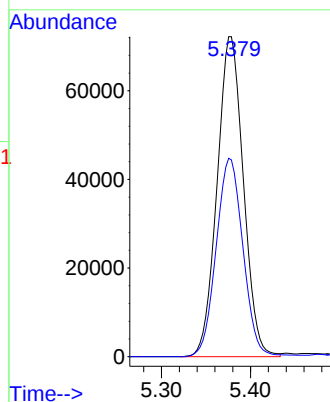
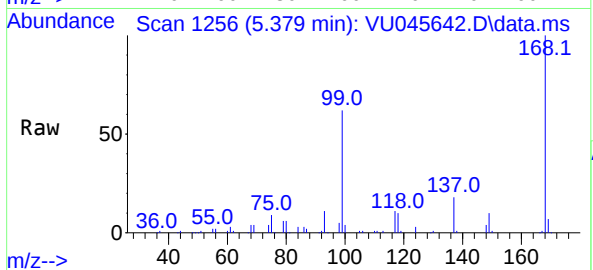




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045642.D
Acq: 09 Nov 2021 02:17

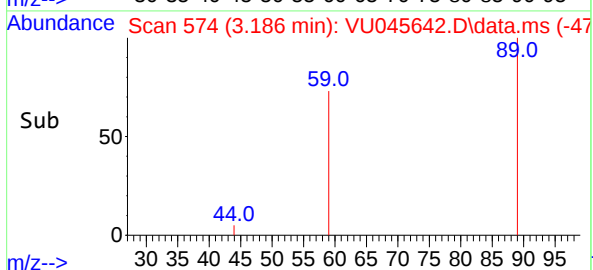
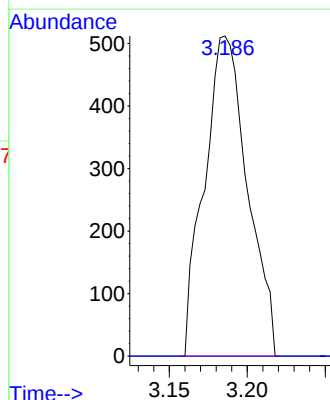
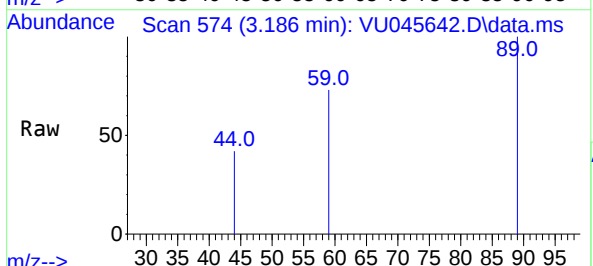
Instrument :
MSVOA_U
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RW8-MW01D3-20211103

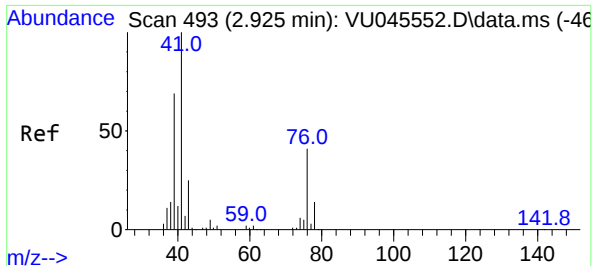
Tgt Ion:168 Resp: 148236
Ion Ratio Lower Upper
168 100
99 61.5 51.0 76.6



#11
Tert butyl alcohol
Concen: 2.248 ug/l
RT: 3.186 min Scan# 574
Delta R.T. 0.013 min
Lab File: VU045642.D
Acq: 09 Nov 2021 02:17

Tgt Ion: 59 Resp: 988
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#14

Allyl chloride

Concen: 0.255 ug/l

RT: 2.752 min Scan# 41

Delta R.T. -0.174 min

Lab File: VU045642.D

Acq: 09 Nov 2021 02:17

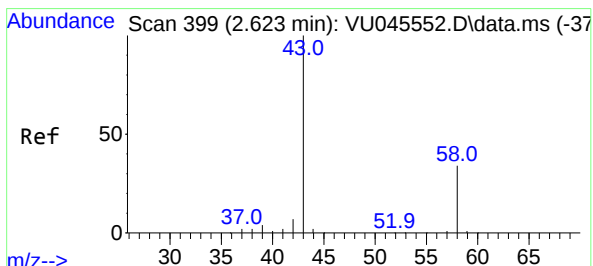
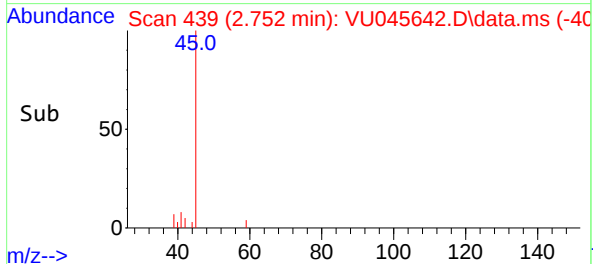
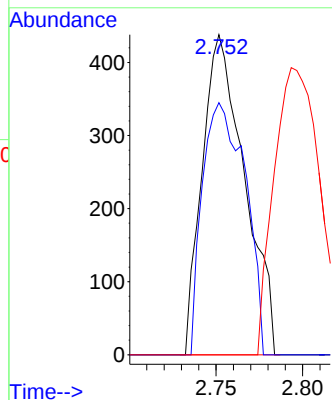
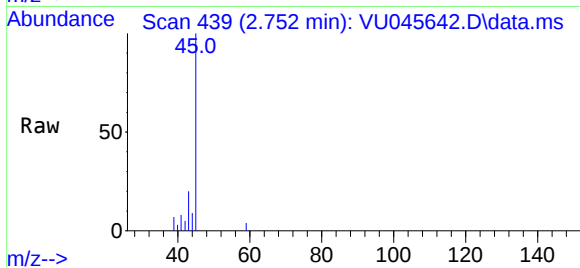
Instrument :

MSVOA_U

ClientSampleId :

RW8-MW01D3-20211103

Tgt Ion: 41	Resp: 744
Ion Ratio	Lower Upper
41 100	
39 79.8	49.7 74.5#
76 0.0	27.7 41.5#



#16

Acetone

Concen: 2.126 ug/l

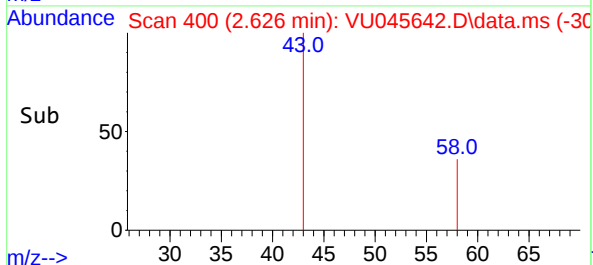
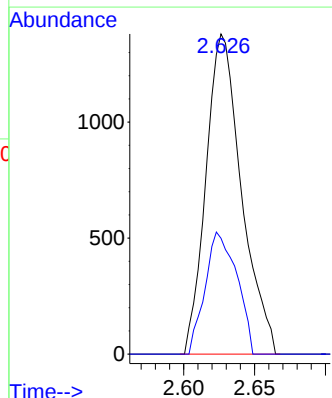
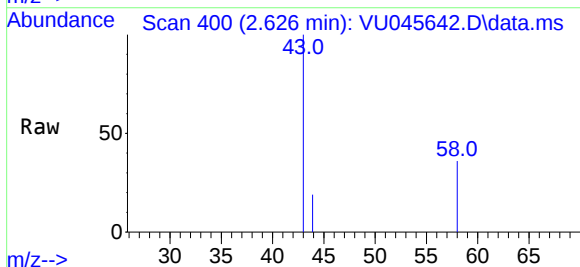
RT: 2.626 min Scan# 400

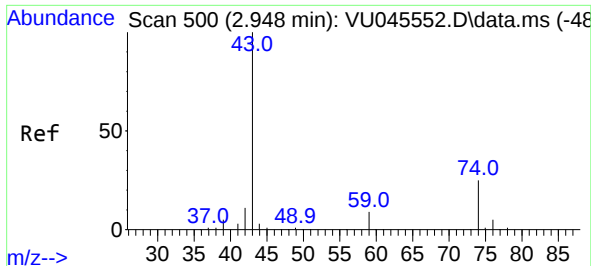
Delta R.T. 0.003 min

Lab File: VU045642.D

Acq: 09 Nov 2021 02:17

Tgt Ion: 43	Resp: 2403
Ion Ratio	Lower Upper
43 100	
58 36.2	26.2 39.2

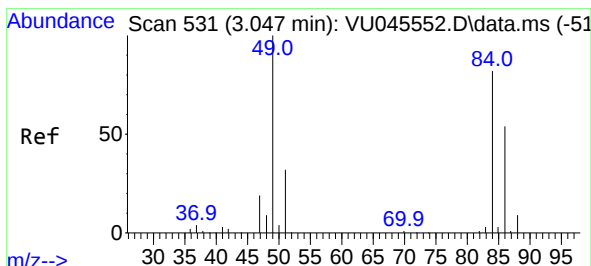
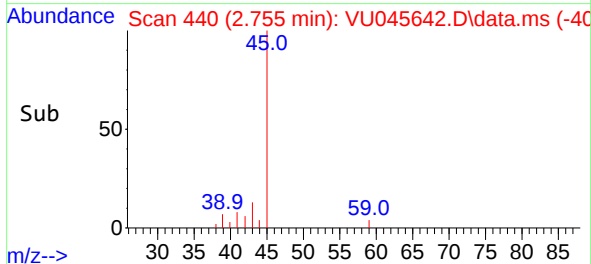
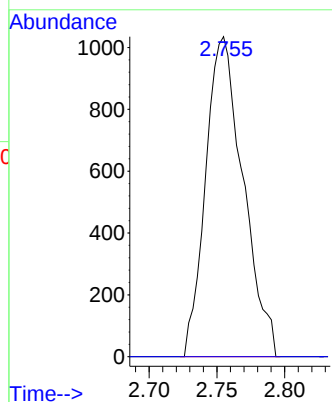
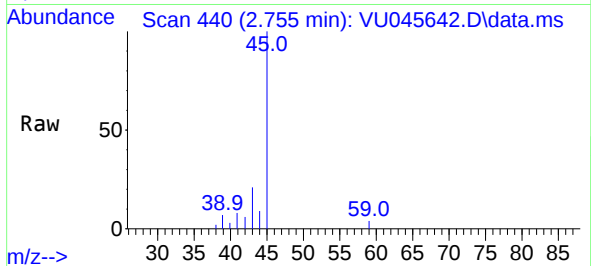




#18
Methyl Acetate
Concen: 0.517 ug/l
RT: 2.755 min Scan# 44
Delta R.T. -0.193 min
Lab File: VU045642.D
Acq: 09 Nov 2021 02:17

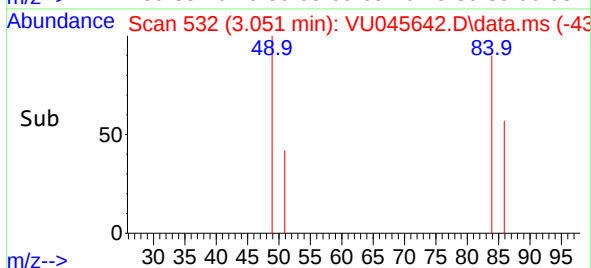
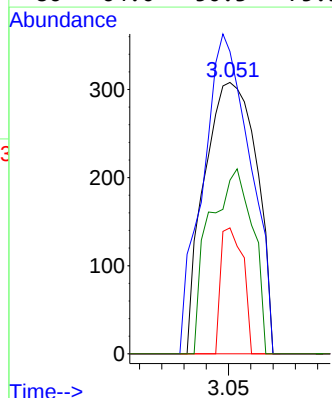
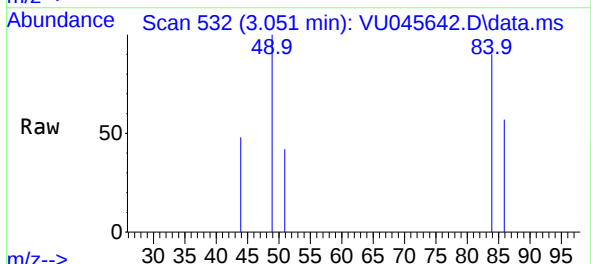
Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01D3-20211103

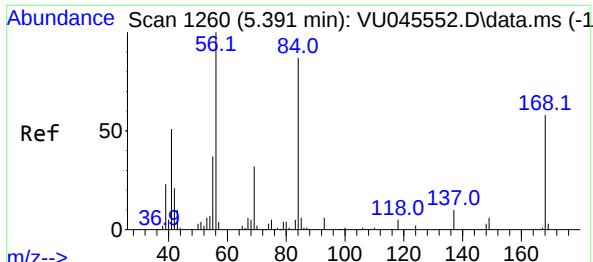
Tgt Ion: 43 Resp: 1990
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 0.256 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045642.D
Acq: 09 Nov 2021 02:17

Tgt Ion: 84 Resp: 502
Ion Ratio Lower Upper
84 100
49 111.4 96.4 144.6
51 46.4 30.5 45.7#
86 64.0 50.3 75.5

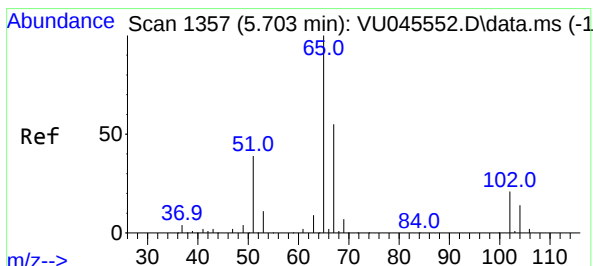
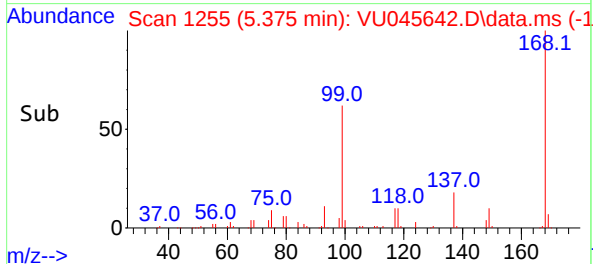
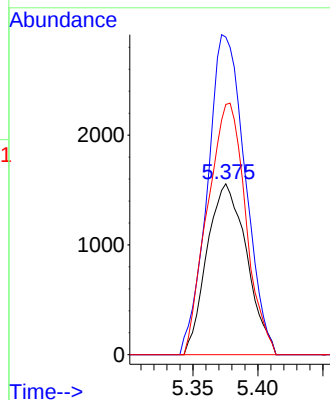
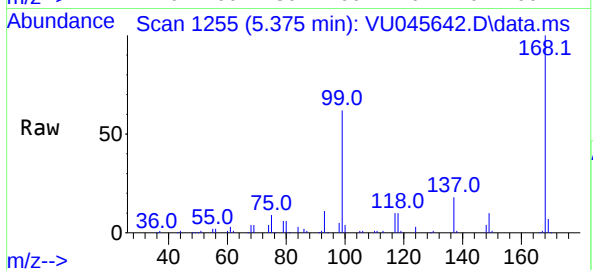




#31
Cyclohexane
Concen: 1.022 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU045642.D
Acq: 09 Nov 2021 02:17

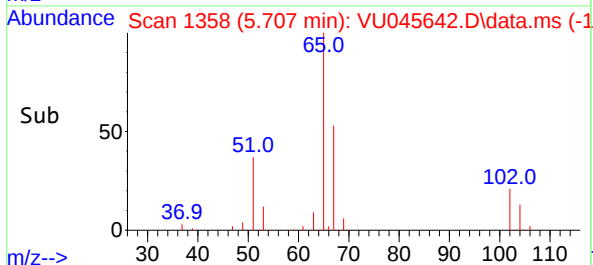
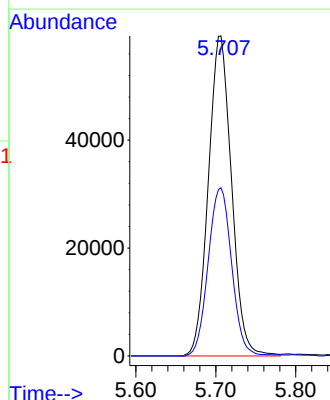
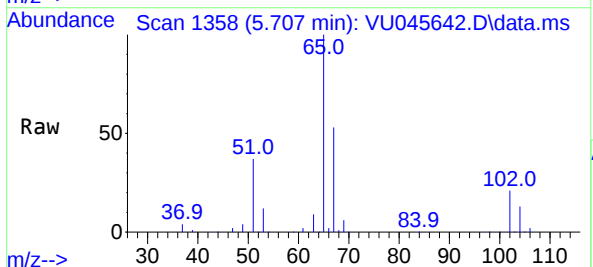
Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01D3-20211103

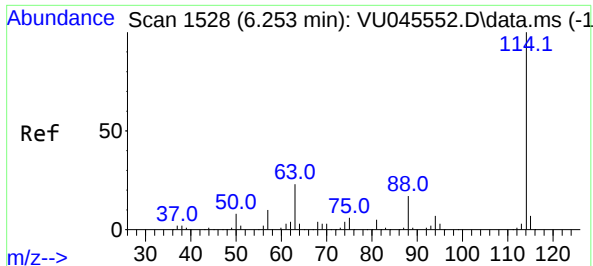
Tgt Ion: 56 Resp: 3312
Ion Ratio Lower Upper
56 100
69 185.8 26.4 39.6#
84 146.4 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 53.834 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.003 min
Lab File: VU045642.D
Acq: 09 Nov 2021 02:17

Tgt Ion: 65 Resp: 119512
Ion Ratio Lower Upper
65 100
67 53.3 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: VU045642.D

Acq: 09 Nov 2021 02:17

Instrument :

MSVOA_U

ClientSampleId :

RW8-MW01D3-20211103

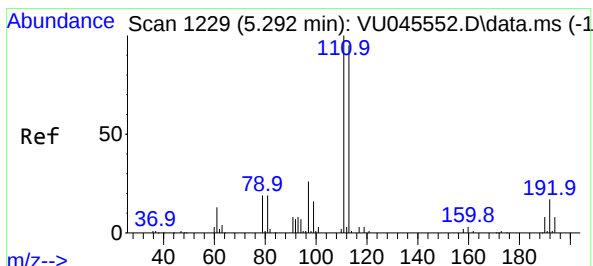
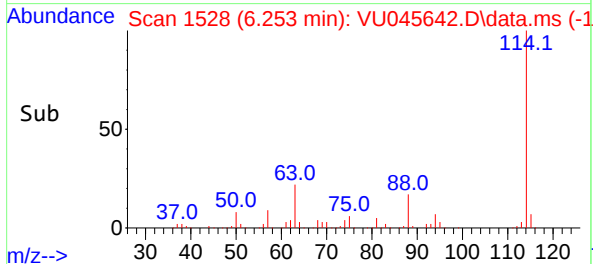
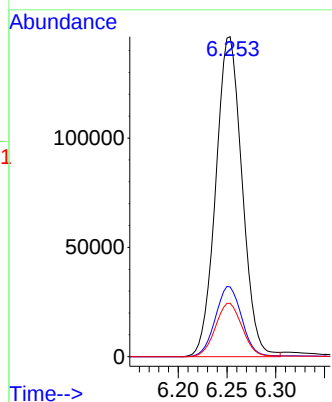
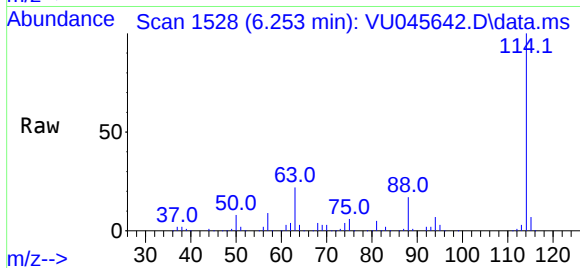
Tgt Ion:114 Resp: 275070

Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.6

88 16.7 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.422 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045642.D

Acq: 09 Nov 2021 02:17

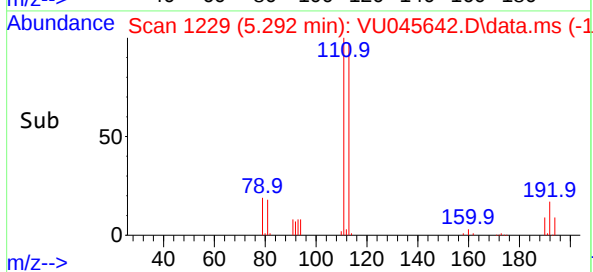
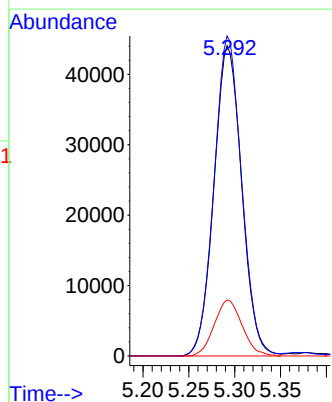
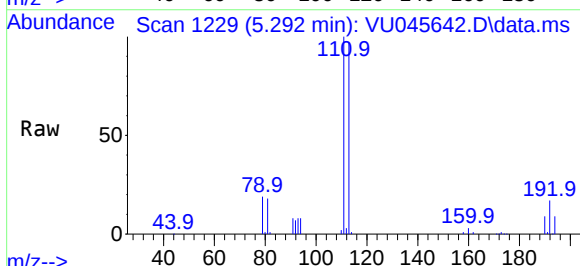
Tgt Ion:113 Resp: 92599

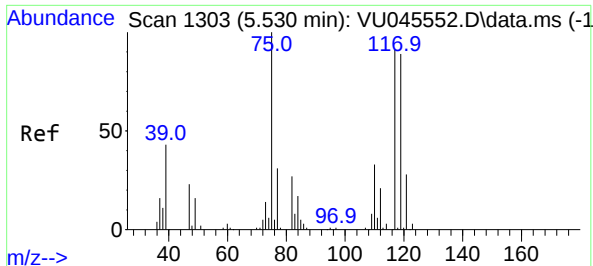
Ion Ratio Lower Upper

113 100

111 102.6 82.8 124.2

192 18.2 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.748 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU045642.D

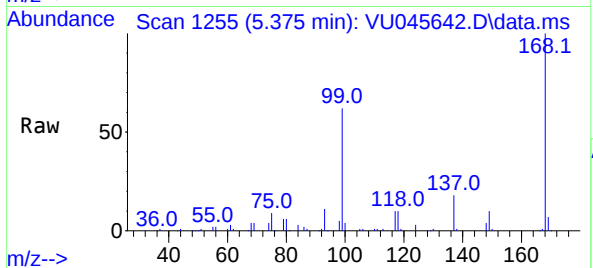
Acq: 09 Nov 2021 02:17

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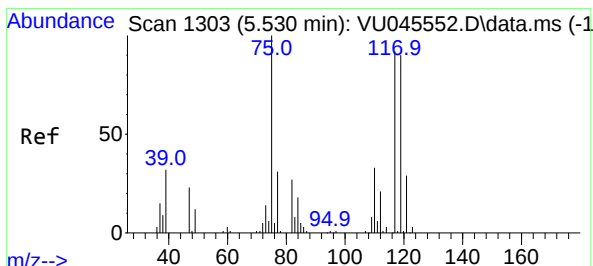
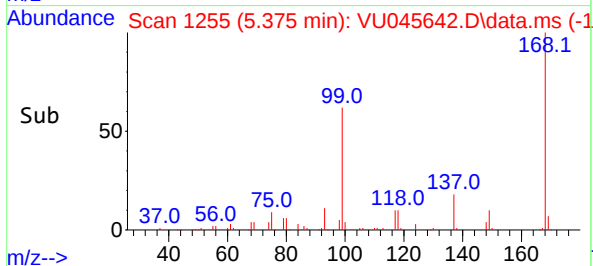
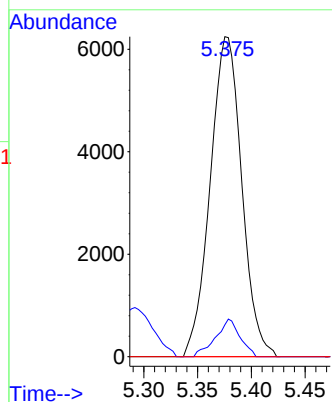
Tgt Ion: 75 Resp: 12736

Ion Ratio Lower Upper

75 100

110 9.1 16.7 50.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.794 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. -0.151 min

Lab File: VU045642.D

Acq: 09 Nov 2021 02:17

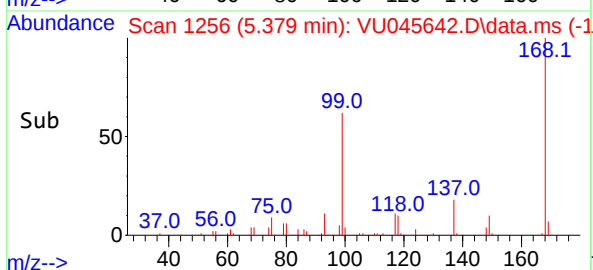
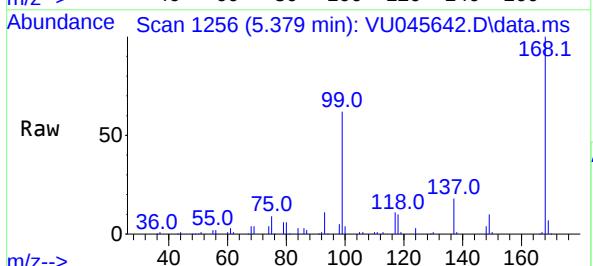
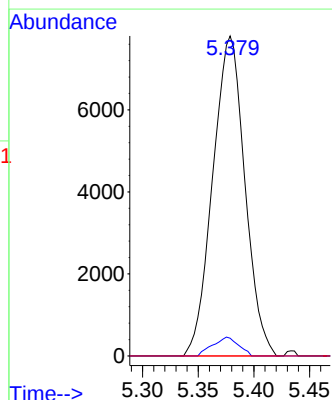
Tgt Ion: 117 Resp: 15668

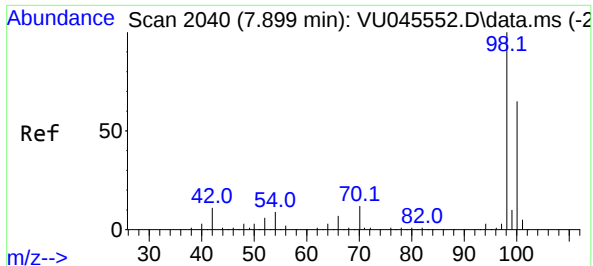
Ion Ratio Lower Upper

117 100

119 5.5 77.4 116.0#

121 0.0 24.8 37.2#

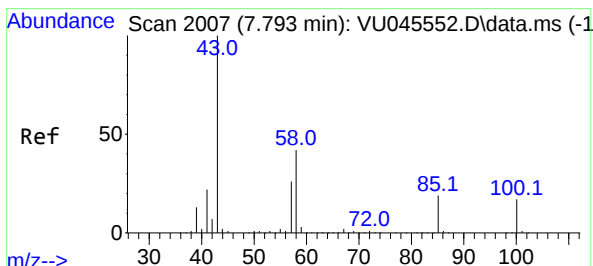
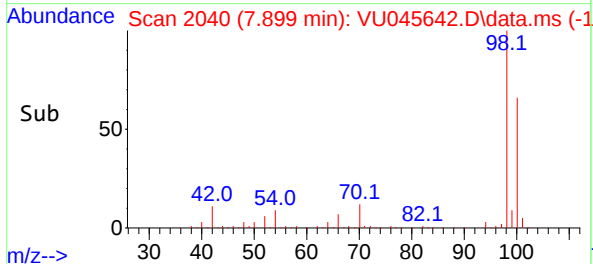
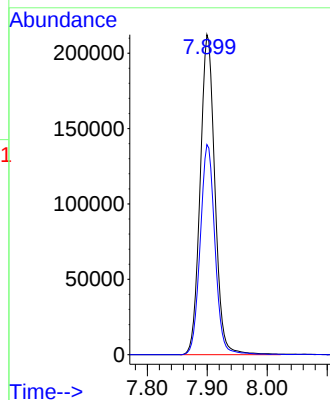
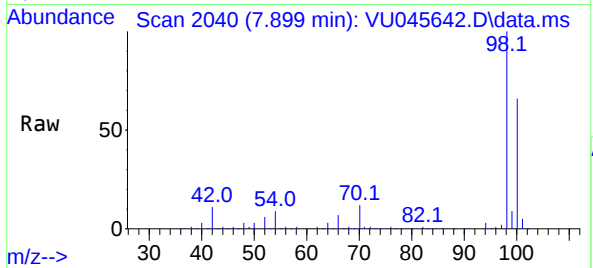




#50
Toluene-d8
Concen: 53.238 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045642.D
Acq: 09 Nov 2021 02:17

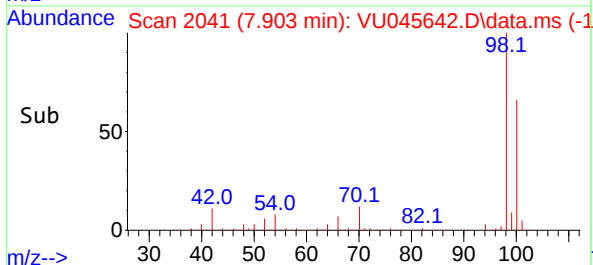
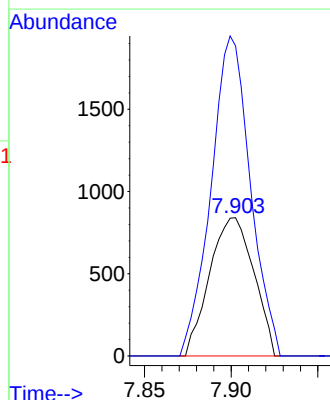
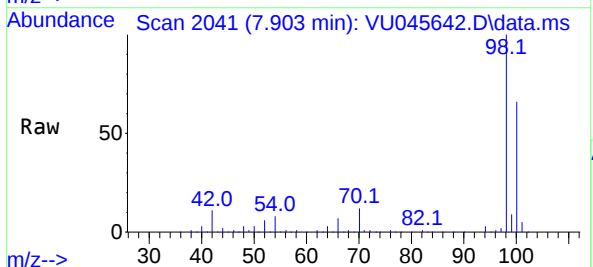
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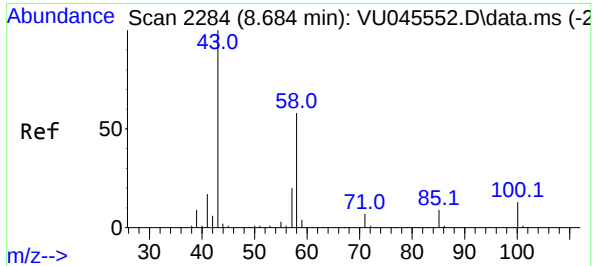
Tgt Ion: 98 Resp: 363563
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.479 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.109 min
Lab File: VU045642.D
Acq: 09 Nov 2021 02:17

Tgt Ion: 43 Resp: 1490
Ion Ratio Lower Upper
43 100
58 206.0 33.8 50.8#

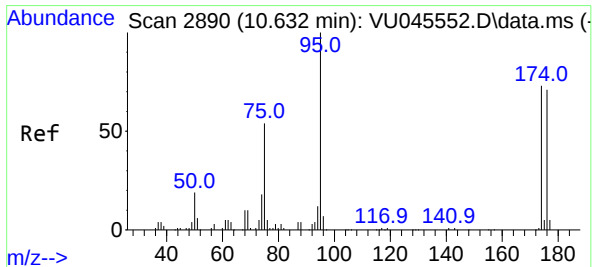
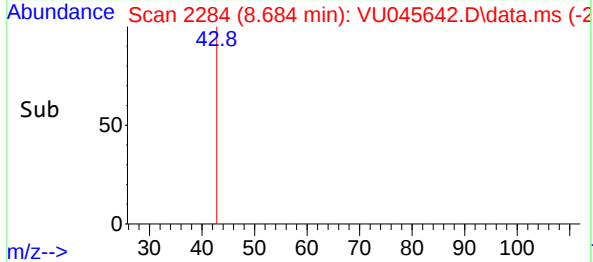
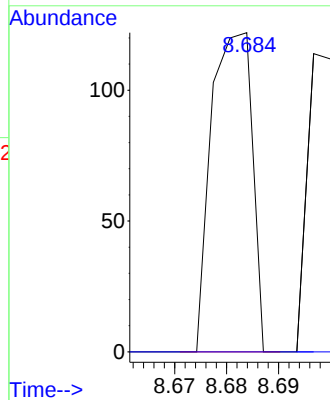
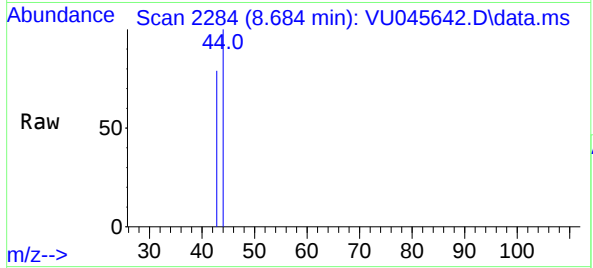




#59
2-Hexanone
Concen: 7.559 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045642.D
Acq: 09 Nov 2021 02:17

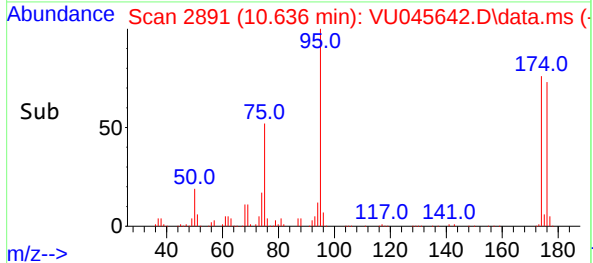
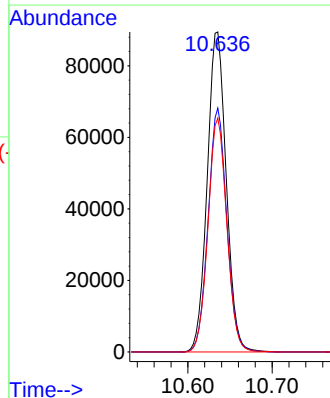
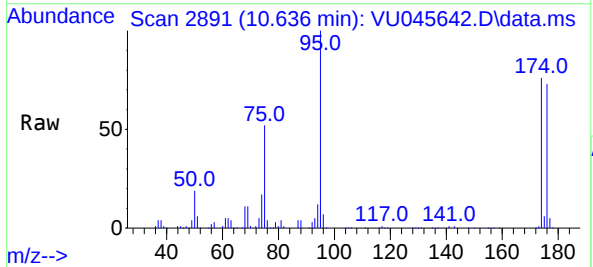
Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01D3-20211103

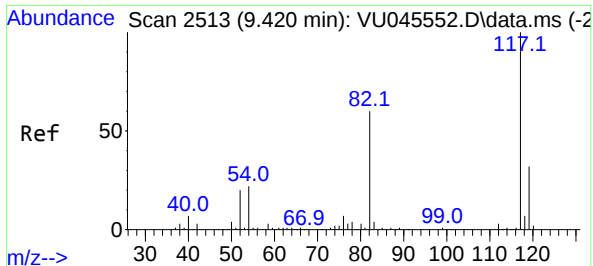
Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
58 0.0 29.5 88.6#



#62
4-Bromofluorobenzene
Concen: 51.337 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045642.D
Acq: 09 Nov 2021 02:17

Tgt Ion: 95 Resp: 140581
Ion Ratio Lower Upper
95 100
174 74.9 0.0 141.8
176 72.1 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: VU045642.D

Acq: 09 Nov 2021 02:17

Instrument :

MSVOA_U

ClientSampleId :

RW8-MW01D3-20211103

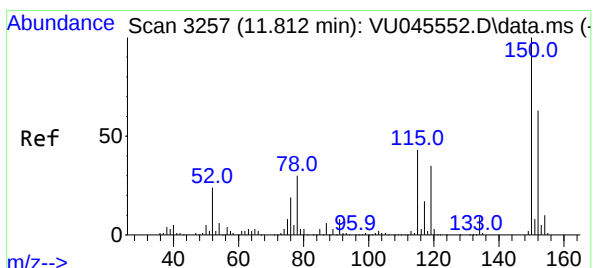
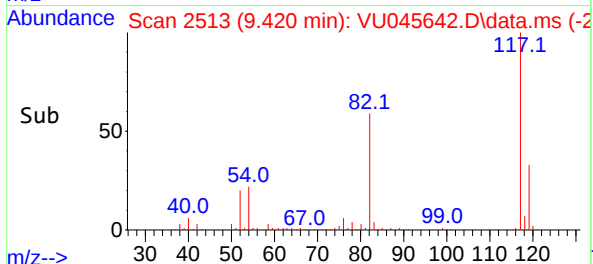
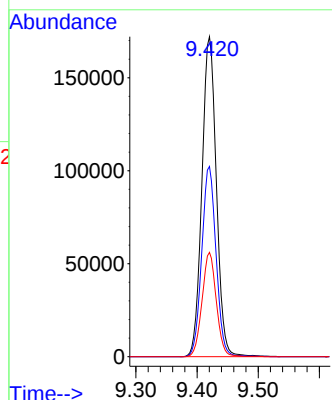
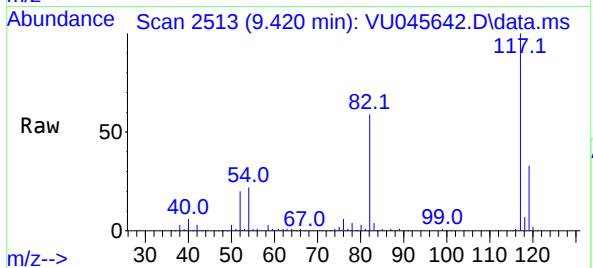
Tgt Ion:117 Resp: 283016

Ion Ratio Lower Upper

117 100

82 59.4 47.8 71.8

119 32.6 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.000 min

Lab File: VU045642.D

Acq: 09 Nov 2021 02:17

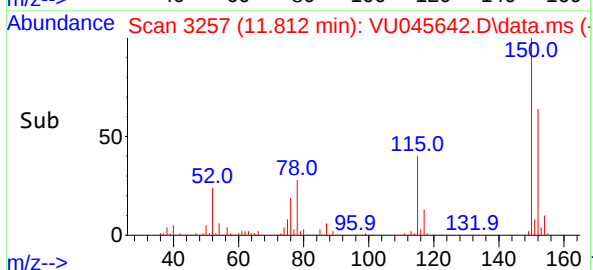
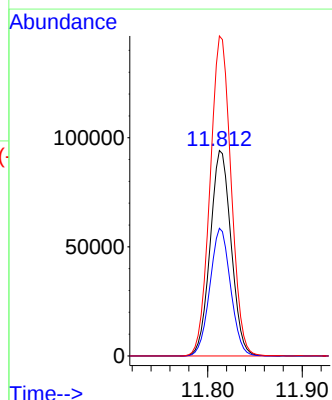
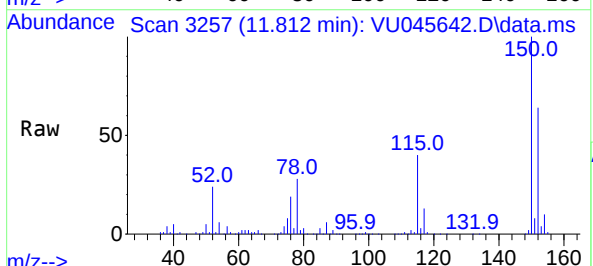
Tgt Ion:152 Resp: 144970

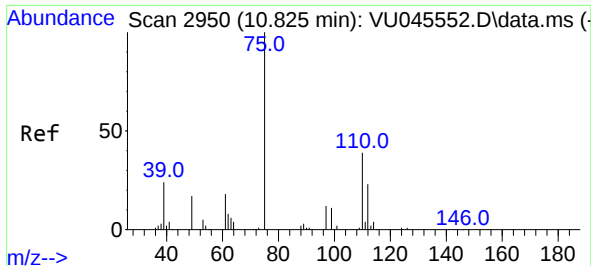
Ion Ratio Lower Upper

152 100

115 61.3 42.7 128.1

150 156.0 0.0 346.8

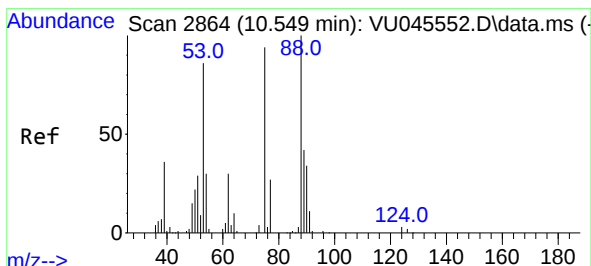
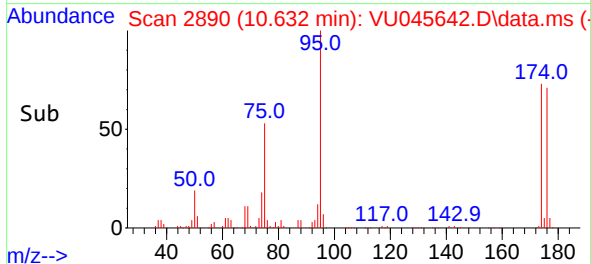
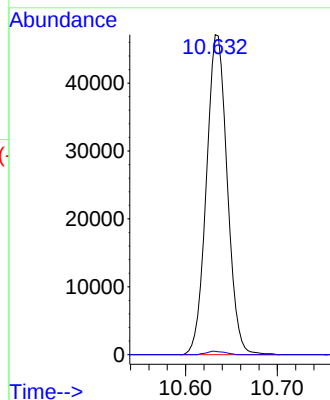
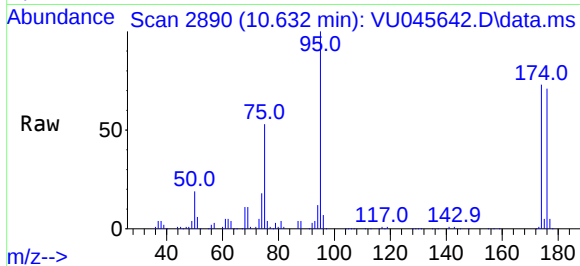




#76
1,2,3-Trichloropropane
Concen: 16.905 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.193 min
Lab File: VU045642.D
Acq: 09 Nov 2021 02:17

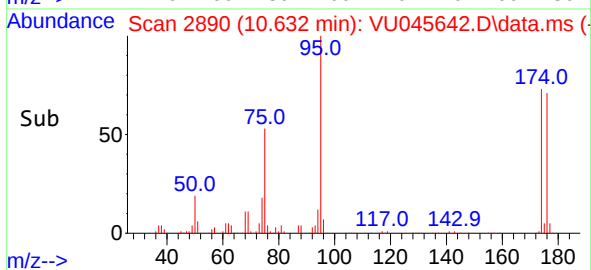
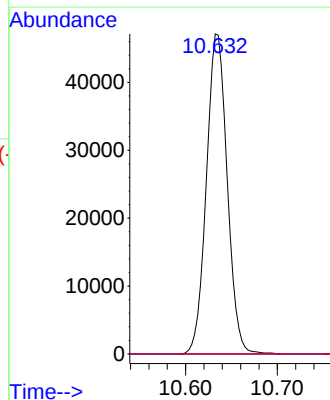
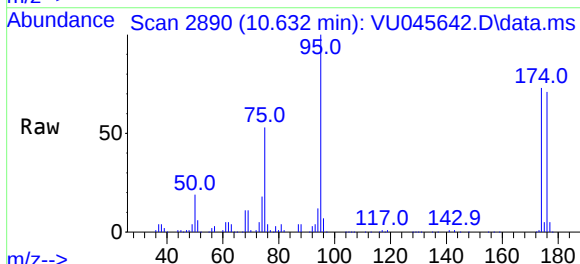
Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01D3-20211103

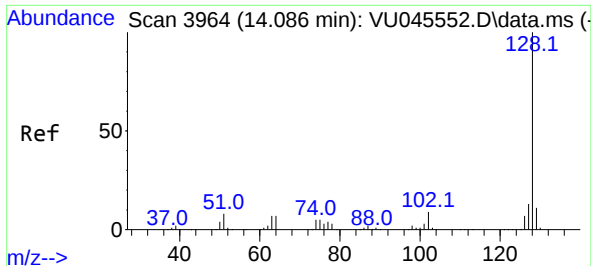
Tgt Ion: 75 Resp: 74318
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.056 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.083 min
Lab File: VU045642.D
Acq: 09 Nov 2021 02:17

Tgt Ion: 75 Resp: 74318
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.073 ug/l

RT: 14.095 min Scan# 3967

Delta R.T. 0.009 min

Lab File: VU045642.D

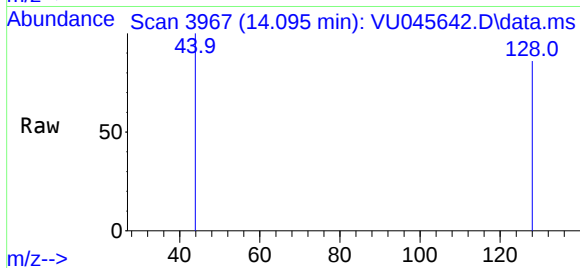
Acq: 09 Nov 2021 02:17

Instrument :

MSVOA_U

ClientSampleId :

RW8-MW01D3-20211103



Tgt Ion:128 Resp: 533

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 13.0#

