

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045641.D
 Acq On : 09 Nov 2021 01:54
 Operator : SY/MD
 Sample : M4504-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RW8-MW01D1-20211102

Quant Time: Nov 09 11:16:06 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)

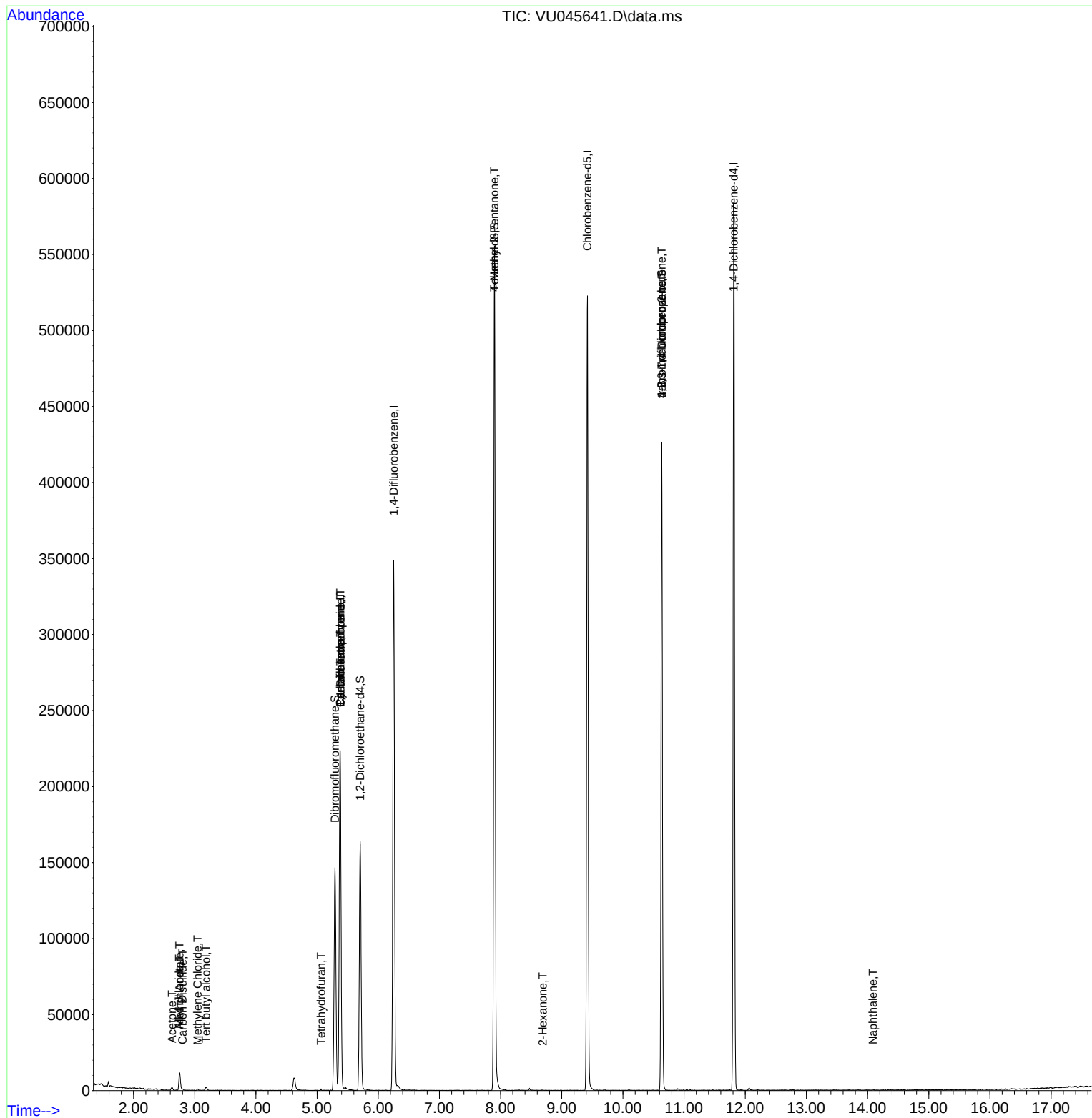
Internal Standards						
1) Pentafluorobenzene	5.378	168	148970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	279745	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	285659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	146029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	120534	54.027	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.060%			
35) Dibromofluoromethane	5.292	113	93252	49.929	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.860%			
50) Toluene-d8	7.899	98	363351	52.318	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.640%			
62) 4-Bromofluorobenzene	10.636	95	140942	50.609	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.220%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.182	59	1530	3.465	ug/l #	72
14) Allyl chloride	2.748	41	1135	0.388	ug/l #	66
16) Acetone	2.629	43	2644	2.328	ug/l	95
17) Carbon Disulfide	2.800	76	1031	0.225	ug/l #	75
18) Methyl Acetate	2.752	43	3108	0.803	ug/l #	50
20) Methylene Chloride	3.044	84	417	0.211	ug/l #	78
29) Tetrahydrofuran	5.067	42	377	0.391	ug/l #	59
31) Cyclohexane	5.378	56	3443	1.058	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	13128	4.813	ug/l #	51
38) Carbon Tetrachloride	5.378	117	15822	5.753	ug/l #	15
51) 4-Methyl-2-Pentanone	7.899	43	1499	0.474	ug/l #	1
59) 2-Hexanone	8.690	43	124	7.579	ug/l #	21
76) 1,2,3-Trichloropropane	10.636	75	75570	17.065	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	75570	55.549	ug/l #	12
95) Naphthalene	14.089	128	630	1.081	ug/l #	69

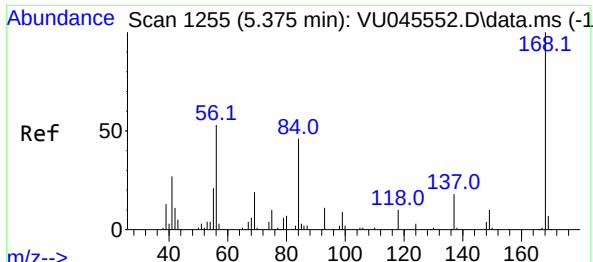
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : M4504-03
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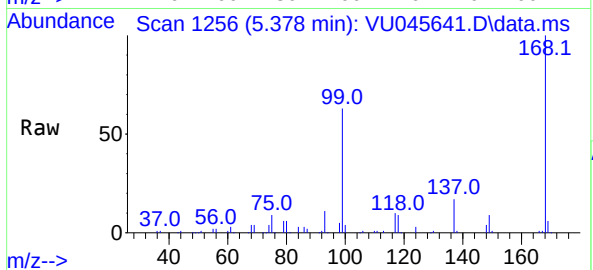
Quant Time: Nov 09 11:16:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
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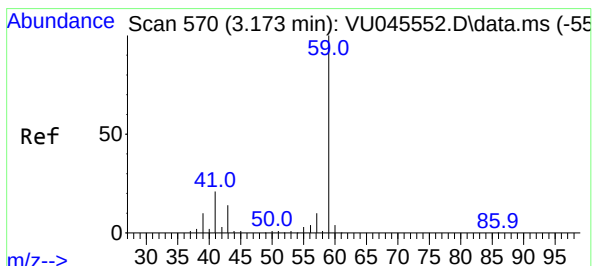
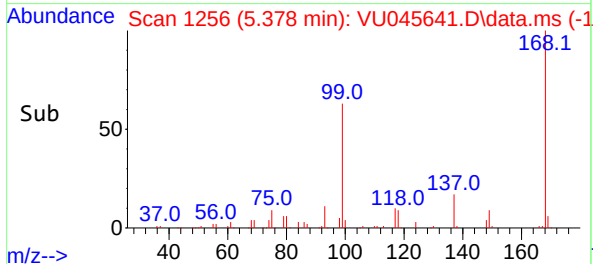
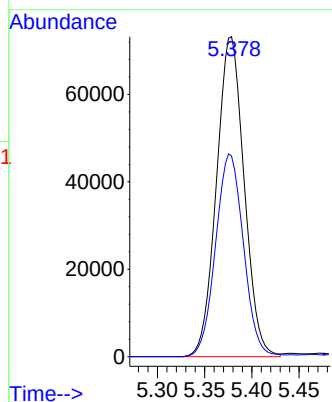


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045641.D
Acq: 09 Nov 2021 01:54

Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01D1-20211102

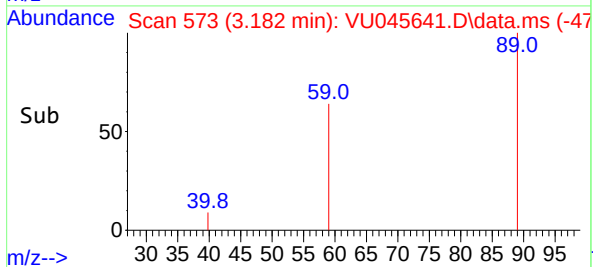
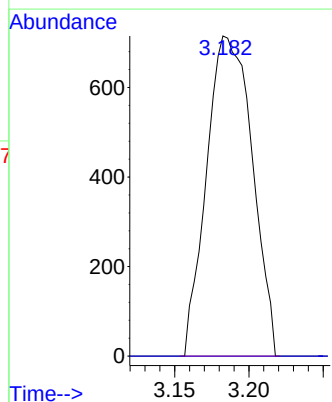
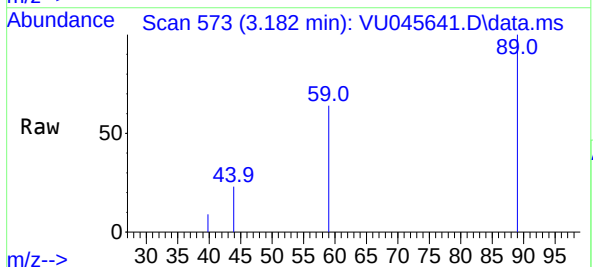


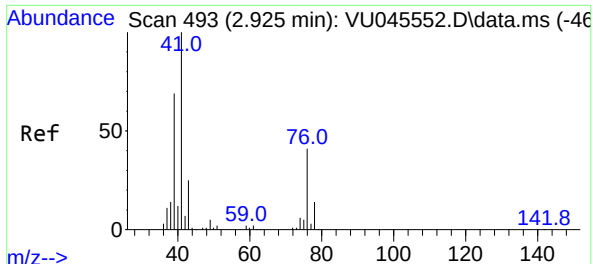
Tgt Ion:168 Resp: 148970
Ion Ratio Lower Upper
168 100
99 62.7 51.0 76.6



#11
Tert butyl alcohol
Concen: 3.465 ug/l
RT: 3.182 min Scan# 573
Delta R.T. 0.010 min
Lab File: VU045641.D
Acq: 09 Nov 2021 01:54

Tgt Ion: 59 Resp: 1530
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#14

Allyl chloride

Concen: 0.388 ug/l

RT: 2.748 min Scan# 41

Delta R.T. -0.177 min

Lab File: VU045641.D

Acq: 09 Nov 2021 01:54

Instrument :

MSVOA_U

ClientSampleId :

RW8-MW01D1-20211102

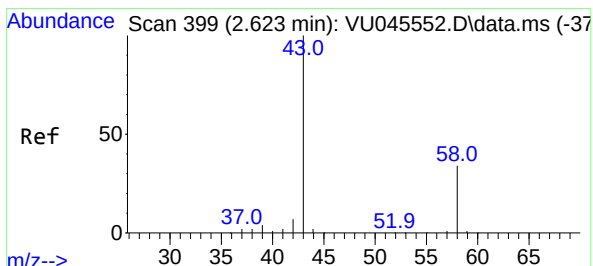
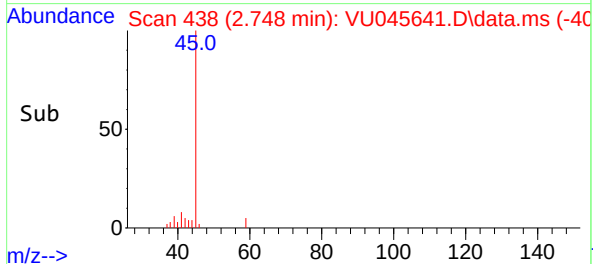
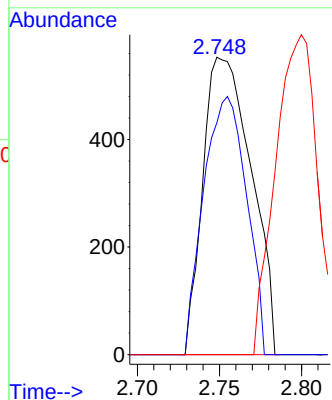
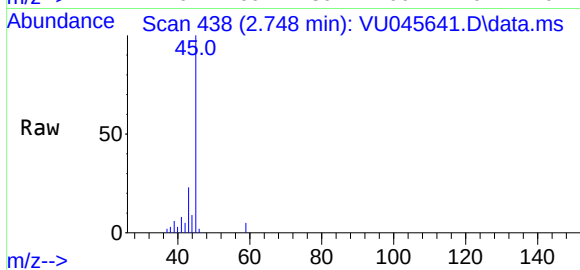
Tgt Ion: 41 Resp: 1135

Ion Ratio Lower Upper

41 100

39 76.7 49.7 74.5#

76 0.0 27.7 41.5#



#16

Acetone

Concen: 2.328 ug/l

RT: 2.629 min Scan# 401

Delta R.T. 0.006 min

Lab File: VU045641.D

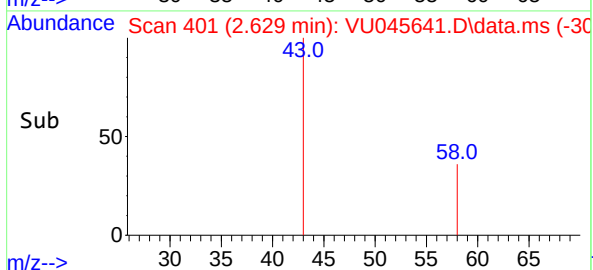
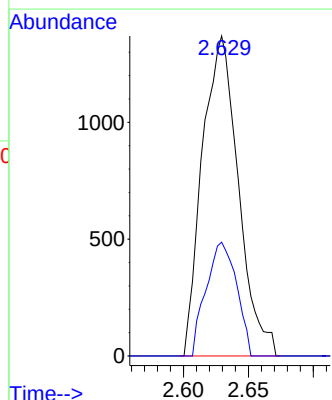
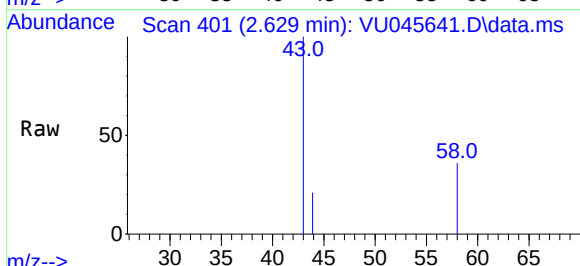
Acq: 09 Nov 2021 01:54

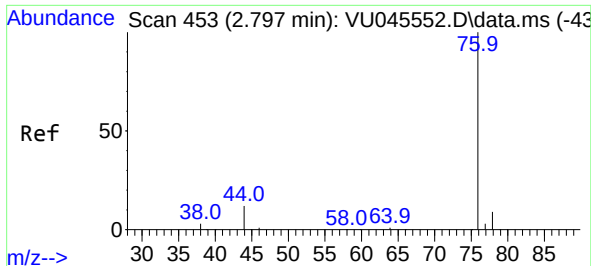
Tgt Ion: 43 Resp: 2644

Ion Ratio Lower Upper

43 100

58 35.5 26.2 39.2

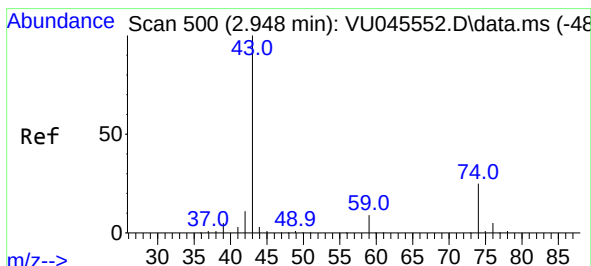
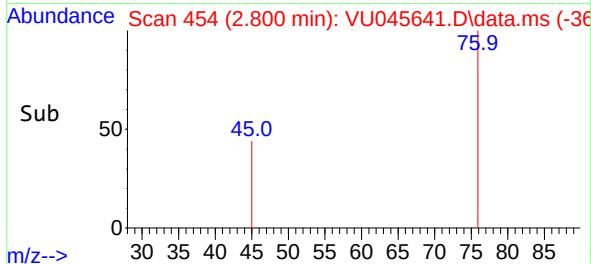
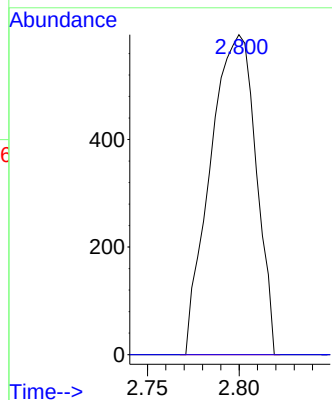
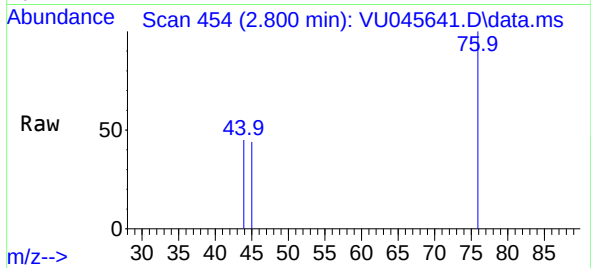




#17
Carbon Disulfide
Concen: 0.225 ug/l
RT: 2.800 min Scan# 411
Delta R.T. 0.003 min
Lab File: VU045641.D
Acq: 09 Nov 2021 01:54

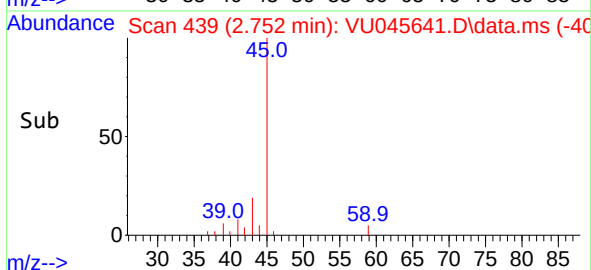
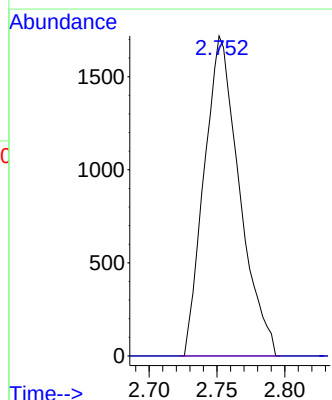
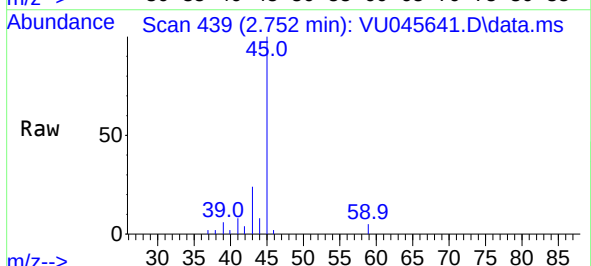
Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01D1-20211102

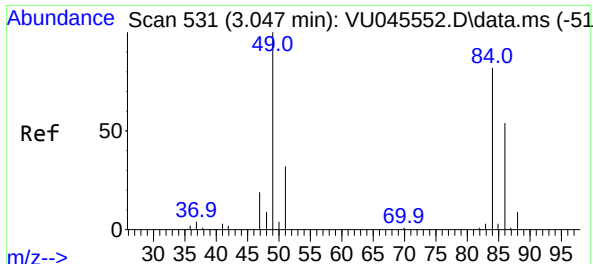
Tgt Ion: 76 Resp: 1031
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: 0.803 ug/l
RT: 2.752 min Scan# 439
Delta R.T. -0.196 min
Lab File: VU045641.D
Acq: 09 Nov 2021 01:54

Tgt Ion: 43 Resp: 3108
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



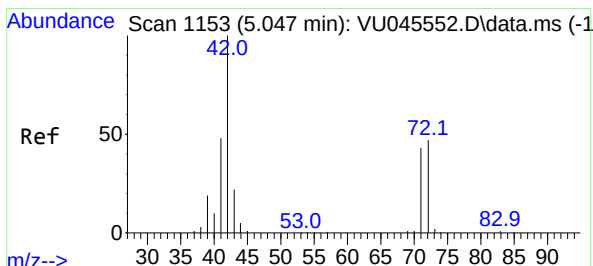
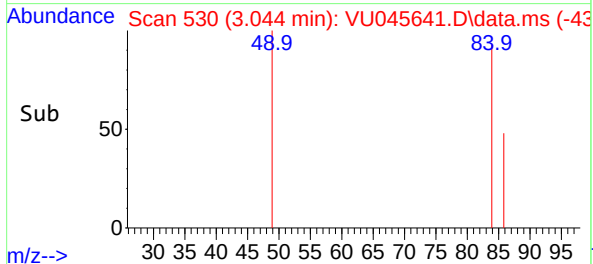
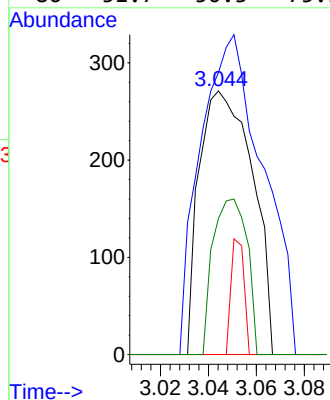
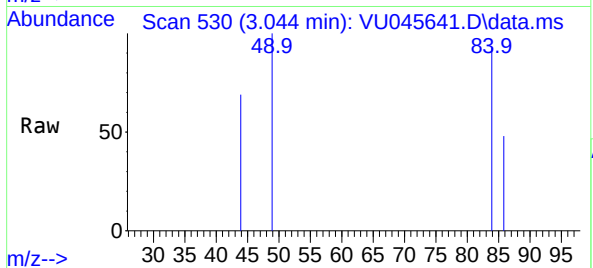


#20
Methylene Chloride
Concen: 0.211 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU045641.D
Acq: 09 Nov 2021 01:54

Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01D1-20211102

Tgt Ion: 84 Resp: 417

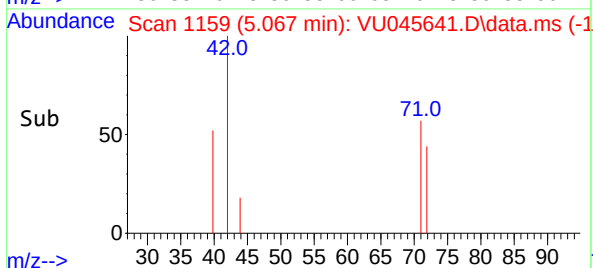
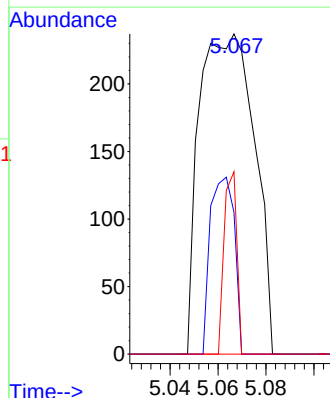
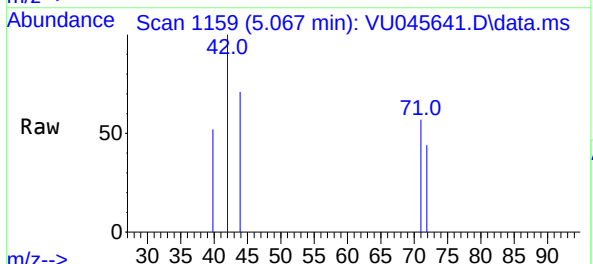
Ion	Ratio	Lower	Upper
84	100		
49	107.0	96.4	144.6
51	0.0	30.5	45.7#
86	51.7	50.3	75.5

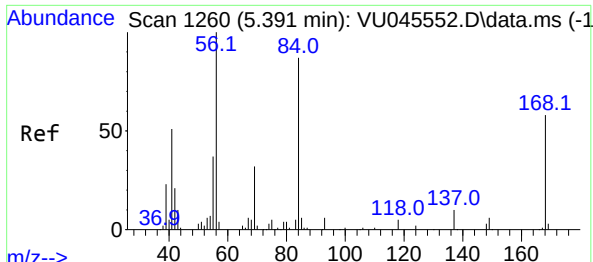


#29
Tetrahydrofuran
Concen: 0.391 ug/l
RT: 5.067 min Scan# 1159
Delta R.T. 0.019 min
Lab File: VU045641.D
Acq: 09 Nov 2021 01:54

Tgt Ion: 42 Resp: 377

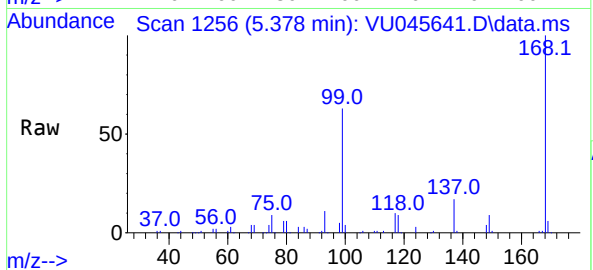
Ion	Ratio	Lower	Upper
42	100		
72	24.1	38.2	57.4#
71	13.0	35.4	53.2#



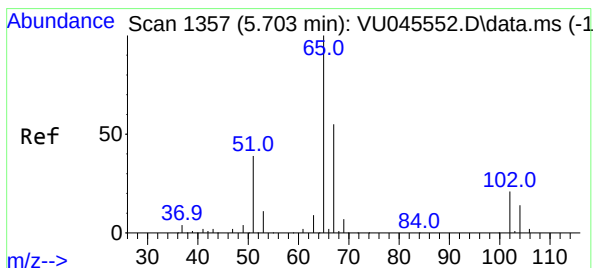
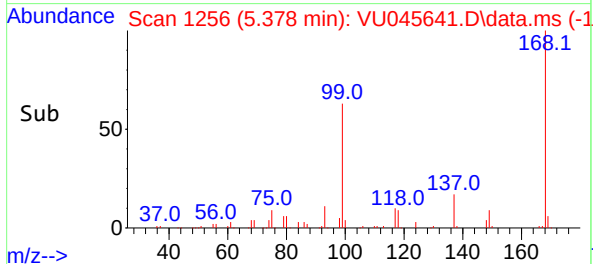
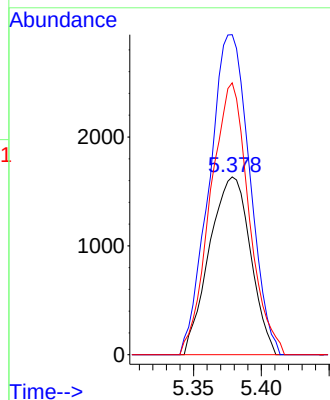


#31
Cyclohexane
Concen: 1.058 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU045641.D
Acq: 09 Nov 2021 01:54

Instrument :
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ClientSampleId :
RW8-MW01D1-20211102

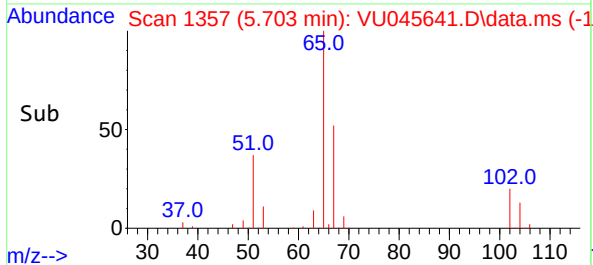
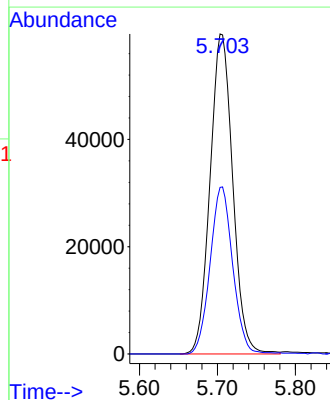
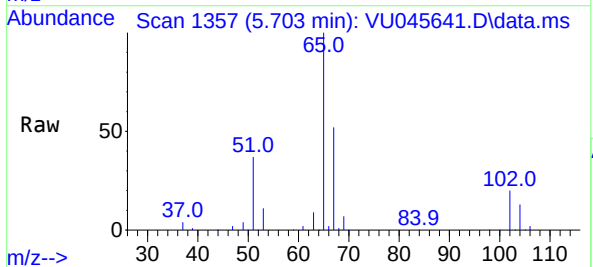


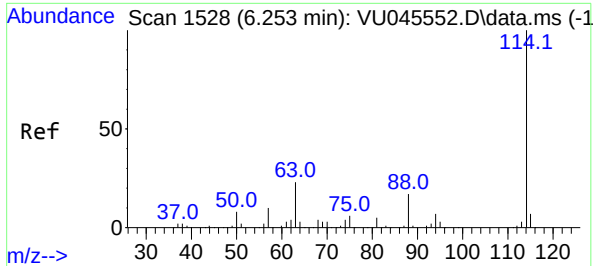
Tgt Ion: 56 Resp: 3443
Ion Ratio Lower Upper
56 100
69 180.0 26.4 39.6#
84 153.0 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 54.027 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VU045641.D
Acq: 09 Nov 2021 01:54

Tgt Ion: 65 Resp: 120534
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.8

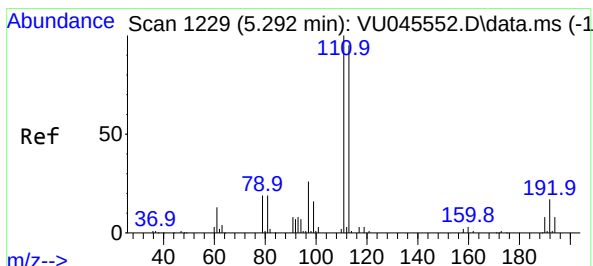
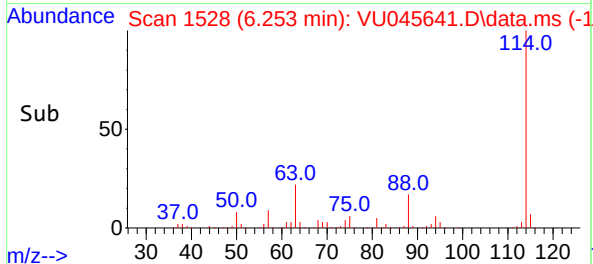
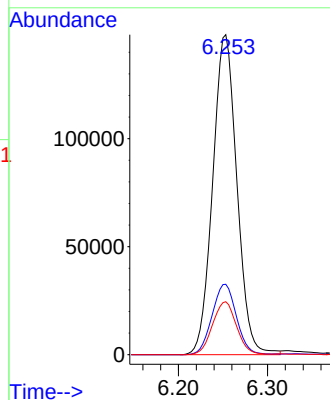
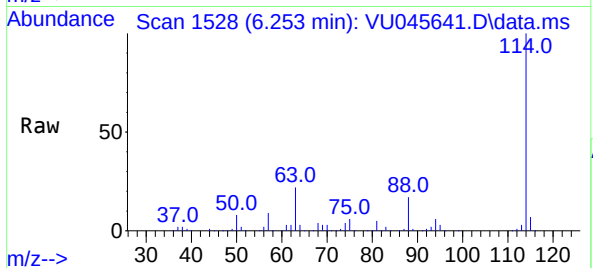




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045641.D
Acq: 09 Nov 2021 01:54

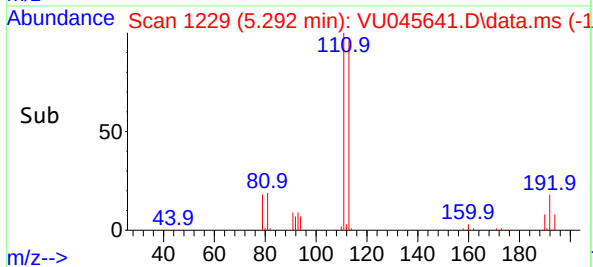
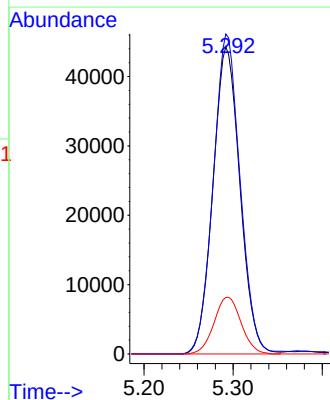
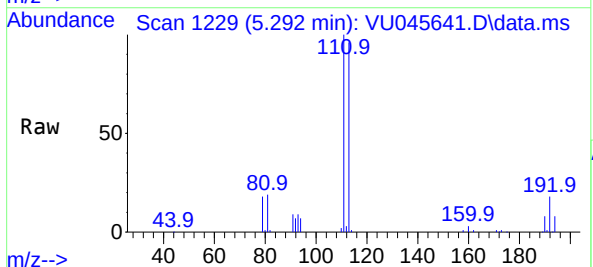
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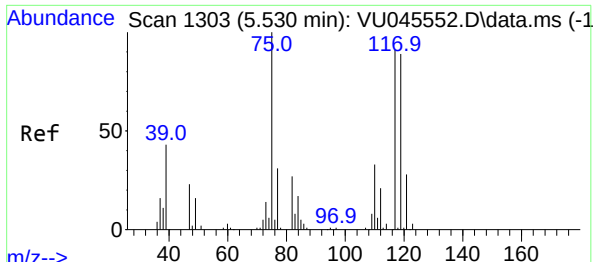
Tgt Ion:114 Resp: 279745
Ion Ratio Lower Upper
114 100
63 22.0 0.0 45.6
88 16.5 0.0 33.8



#35
Dibromofluoromethane
Concen: 49.929 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU045641.D
Acq: 09 Nov 2021 01:54

Tgt Ion:113 Resp: 93252
Ion Ratio Lower Upper
113 100
111 103.7 82.8 124.2
192 18.6 14.8 22.2

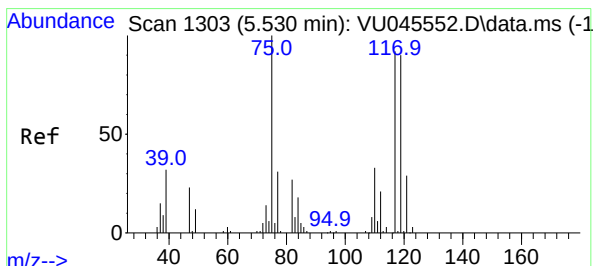
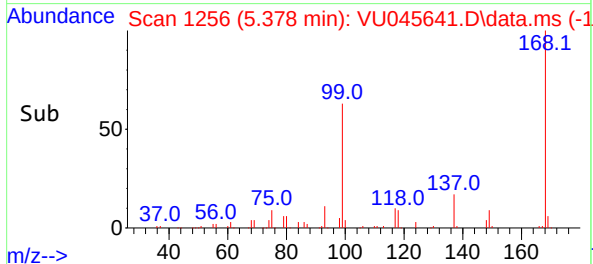
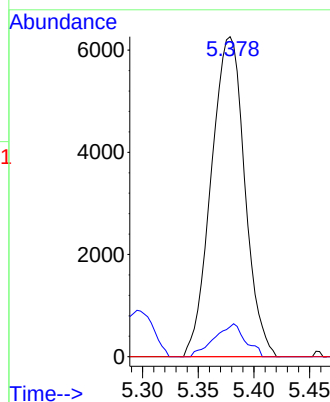
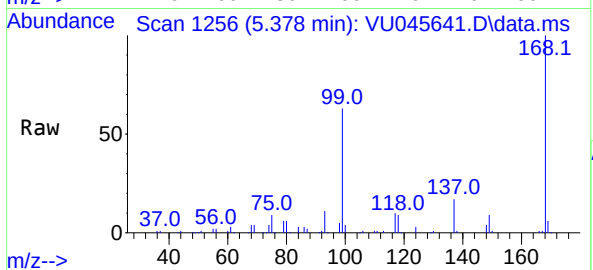




#36
1,1-Dichloropropene
Concen: 4.813 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU045641.D
Acq: 09 Nov 2021 01:54

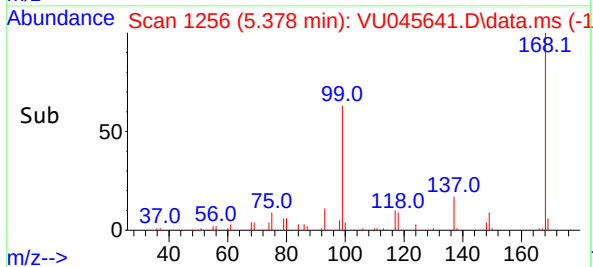
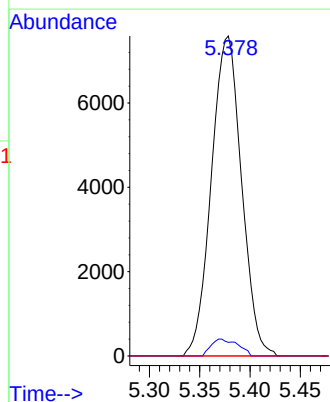
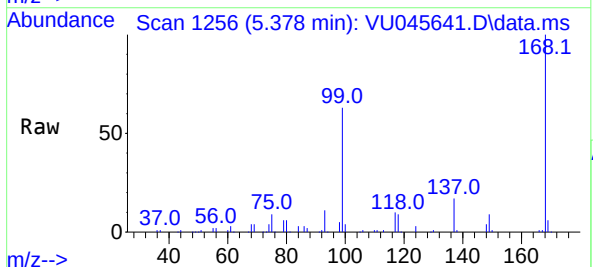
Instrument : MSVOA_U
ClientSampleId : RW8-MW01D1-20211102

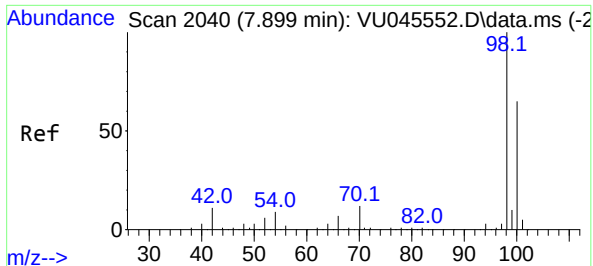
Tgt Ion: 75 Resp: 13128
Ion Ratio Lower Upper
75 100
110 9.4 16.7 50.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.753 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU045641.D
Acq: 09 Nov 2021 01:54

Tgt Ion:117 Resp: 15822
Ion Ratio Lower Upper
117 100
119 4.2 77.4 116.0#
121 0.0 24.8 37.2#

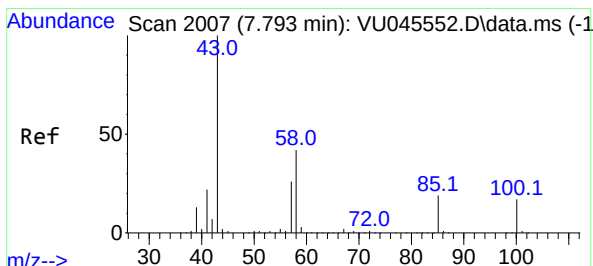
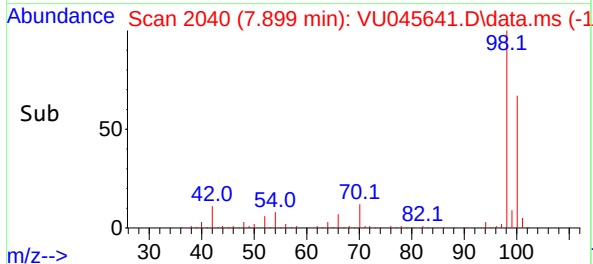
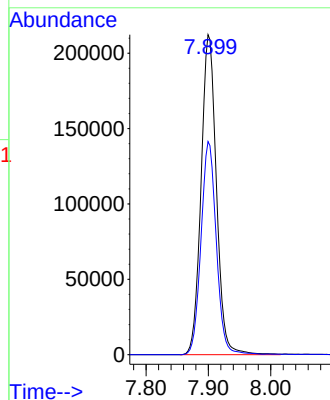
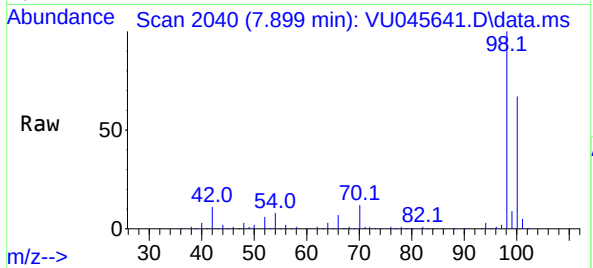




#50
Toluene-d8
Concen: 52.318 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045641.D
Acq: 09 Nov 2021 01:54

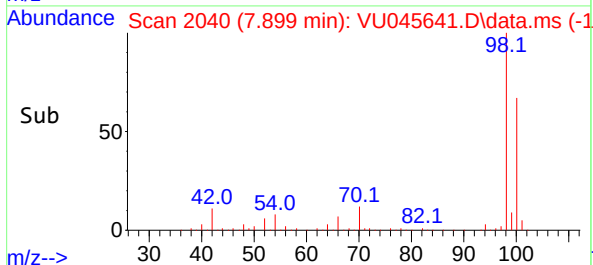
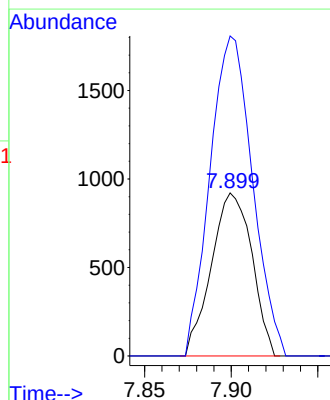
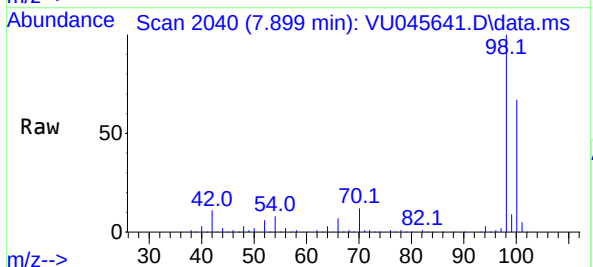
Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01D1-20211102

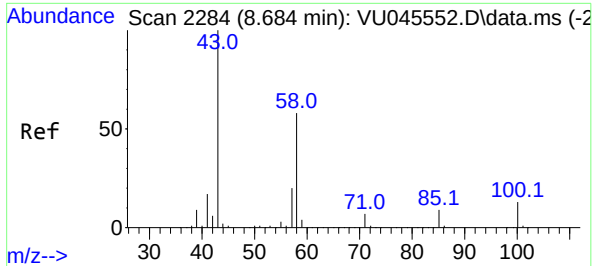
Tgt Ion: 98 Resp: 363351
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.474 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.106 min
Lab File: VU045641.D
Acq: 09 Nov 2021 01:54

Tgt Ion: 43 Resp: 1499
Ion Ratio Lower Upper
43 100
58 205.3 33.8 50.8#

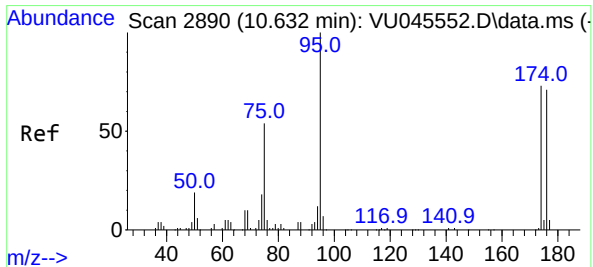
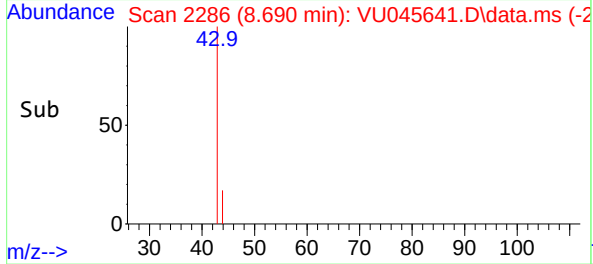
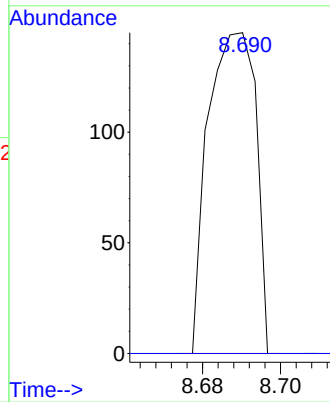
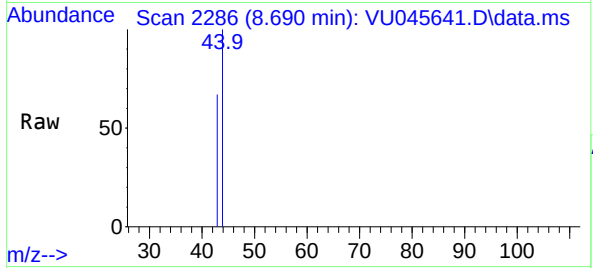




#59
2-Hexanone
Concen: 7.579 ug/l
RT: 8.690 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU045641.D
Acq: 09 Nov 2021 01:54

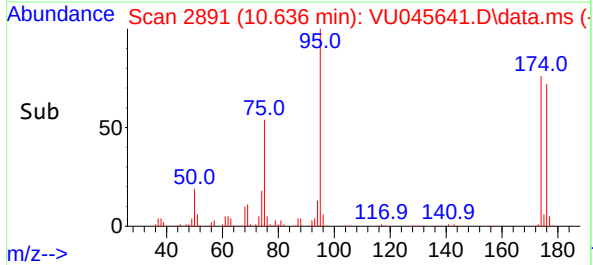
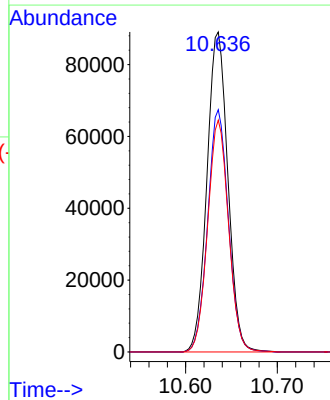
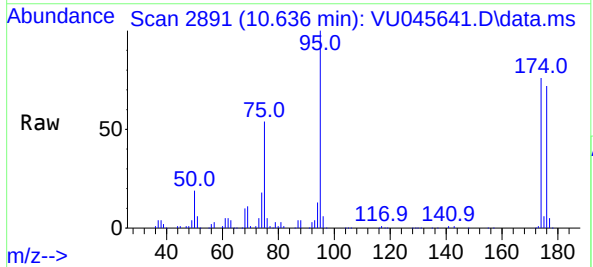
Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01D1-20211102

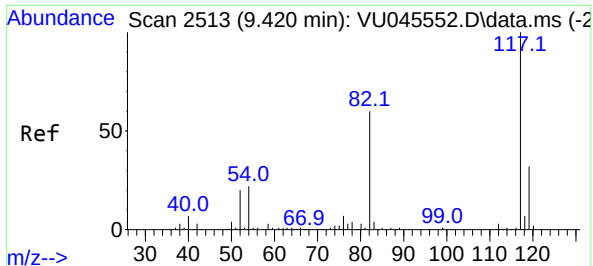
Tgt Ion: 43 Resp: 124
Ion Ratio Lower Upper
43 100
58 0.0 29.5 88.6#



#62
4-Bromofluorobenzene
Concen: 50.609 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045641.D
Acq: 09 Nov 2021 01:54

Tgt Ion: 95 Resp: 140942
Ion Ratio Lower Upper
95 100
174 75.1 0.0 141.8
176 72.3 0.0 138.2

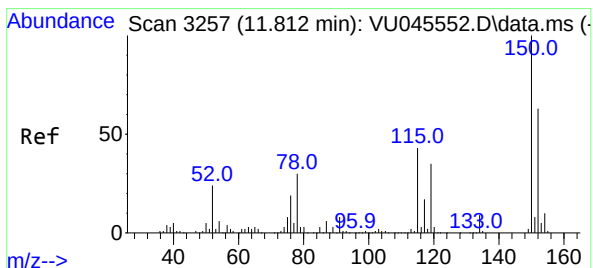
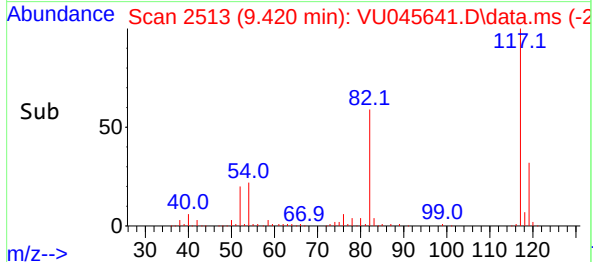
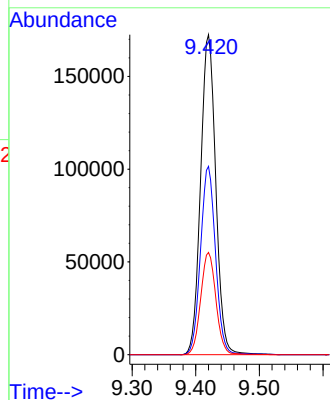
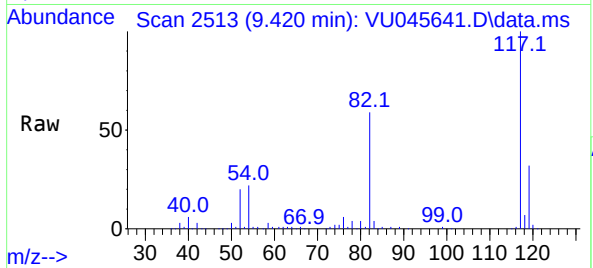




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045641.D
Acq: 09 Nov 2021 01:54

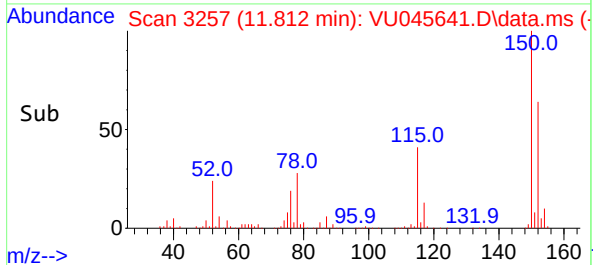
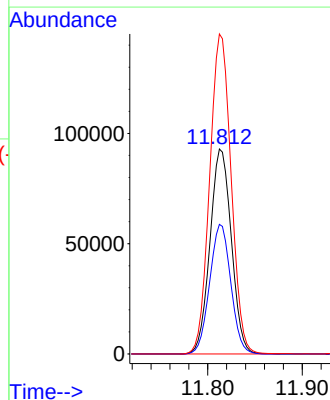
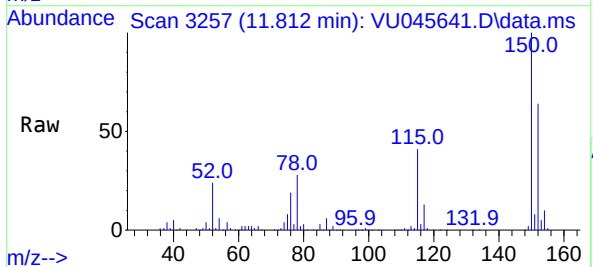
Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01D1-20211102

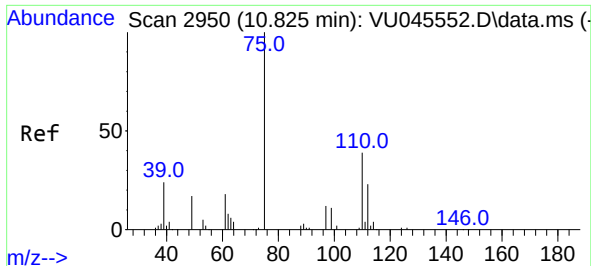
Tgt Ion:117 Resp: 285659
Ion Ratio Lower Upper
117 100
82 58.9 47.8 71.8
119 31.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU045641.D
Acq: 09 Nov 2021 01:54

Tgt Ion:152 Resp: 146029
Ion Ratio Lower Upper
152 100
115 62.4 42.7 128.1
150 156.4 0.0 346.8

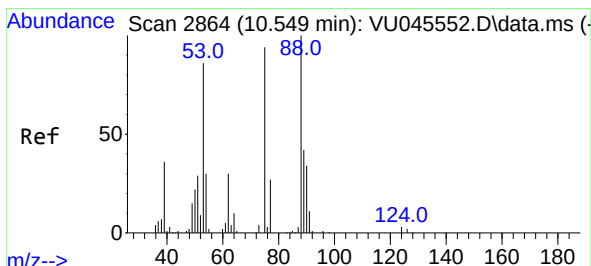
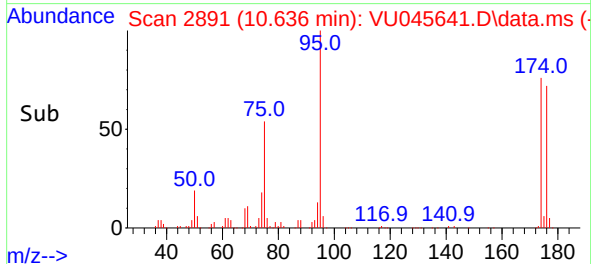
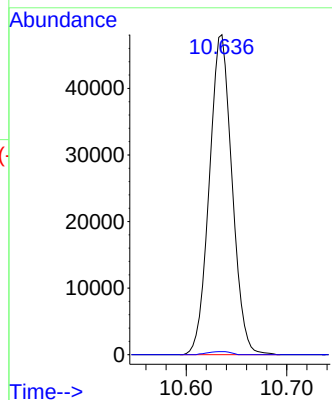
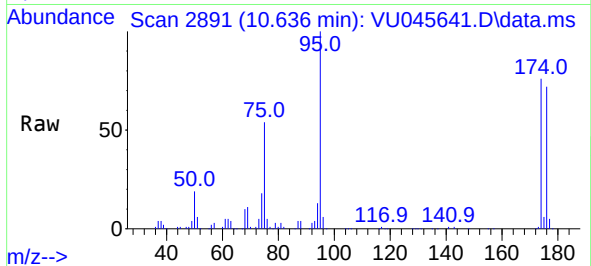




#76
1,2,3-Trichloropropane
Concen: 17.065 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045641.D
Acq: 09 Nov 2021 01:54

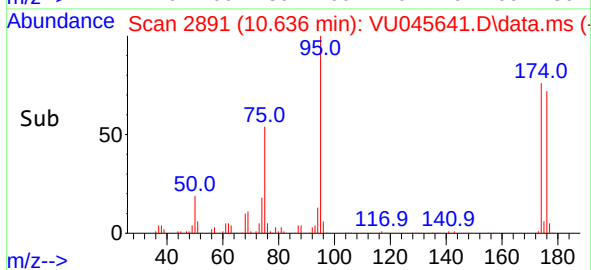
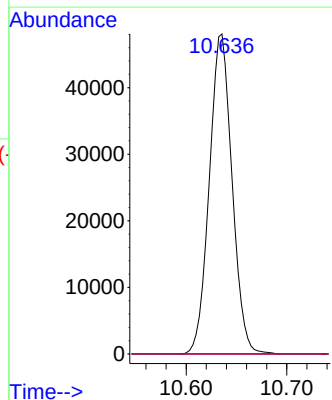
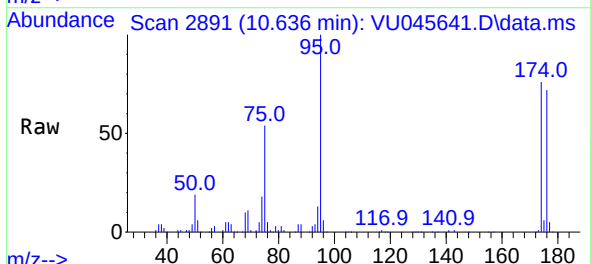
Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01D1-20211102

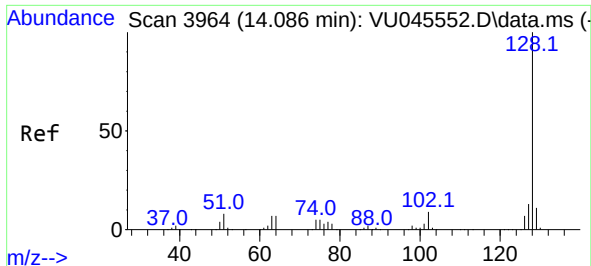
Tgt Ion: 75 Resp: 75570
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.549 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045641.D
Acq: 09 Nov 2021 01:54

Tgt Ion: 75 Resp: 75570
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.081 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VU045641.D

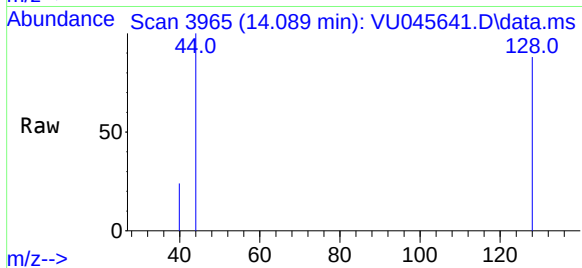
Acq: 09 Nov 2021 01:54

Instrument :

MSVOA_U

ClientSampleId :

RW8-MW01D1-20211102



Tgt Ion:128 Resp: 630

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 13.0#

