

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045590.D
 Acq On : 06 Nov 2021 04:02
 Operator : SY/MD
 Sample : M4504-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RW8-MW01S-20211102

Quant Time: Nov 06 21:53:04 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)

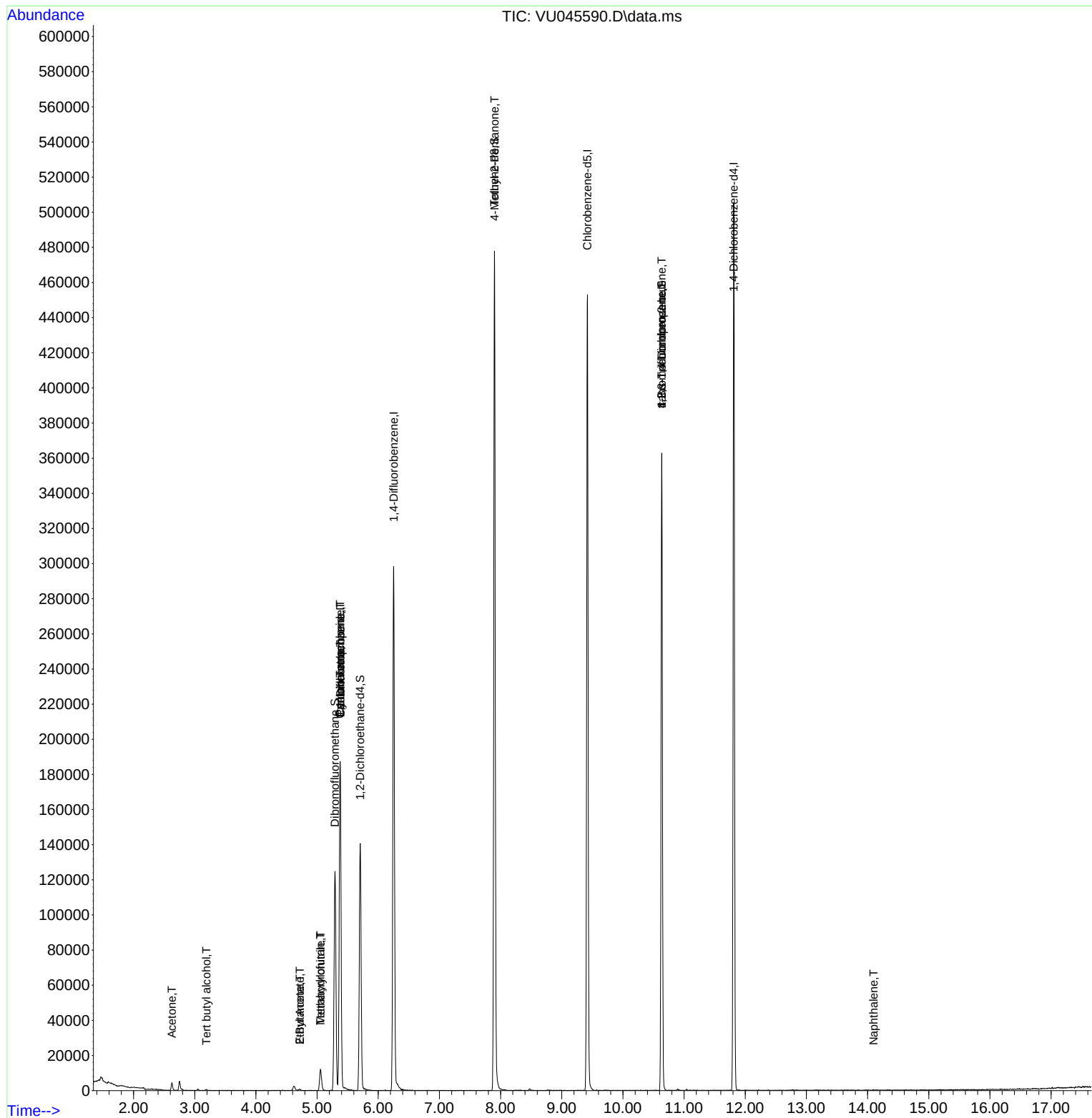
Internal Standards						
1) Pentafluorobenzene	5.378	168	123186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	235841	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	244218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	122601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	105545	57.211	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 114.420%	
35) Dibromofluoromethane	5.292	113	80813	51.323	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.640%	
50) Toluene-d8	7.899	98	313872	53.607	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.220%	
62) 4-Bromofluorobenzene	10.636	95	120849	51.472	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.189	59	419	1.147	ug/l #	72
16) Acetone	2.626	43	4681	4.984	ug/l	96
25) 2-Butanone	4.716	43	1268	0.973	ug/l	90
29) Tetrahydrofuran	5.054	42	8465	10.625	ug/l	95
31) Cyclohexane	5.378	56	2823	1.049	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	11298	4.913	ug/l #	50
37) Ethyl Acetate	4.716	43	1268	0.480	ug/l #	67
38) Carbon Tetrachloride	5.375	117	13273	5.725	ug/l #	16
41) Methacrylonitrile	5.057	41	4633	3.319	ug/l #	43
51) 4-Methyl-2-Pentanone	7.903	43	1182	0.443	ug/l #	1
76) 1,2,3-Trichloropropane	10.636	75	62894	16.916	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	62894	55.092	ug/l #	12
95) Naphthalene	14.098	128	168	1.045	ug/l #	69

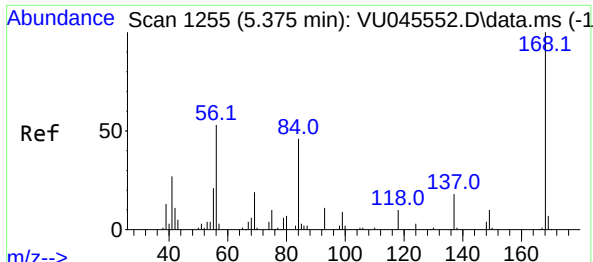
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VU045590.D
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
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RW8-MW01S-20211102

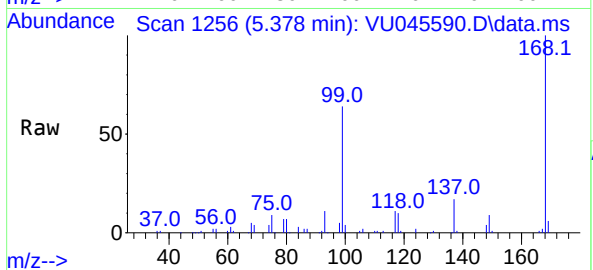
Quant Time: Nov 06 21:53:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration



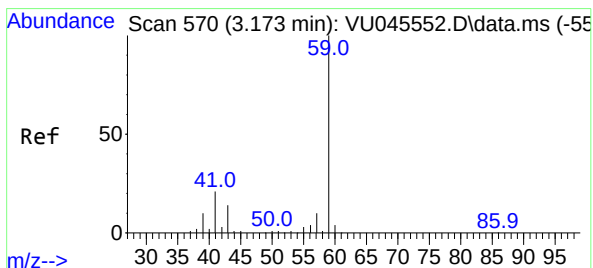
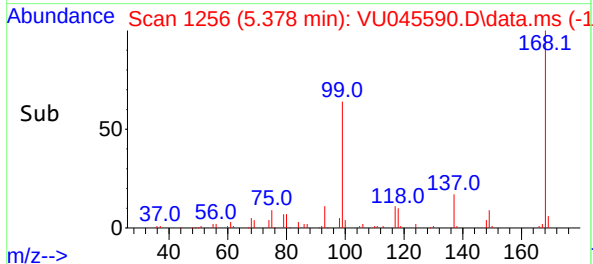
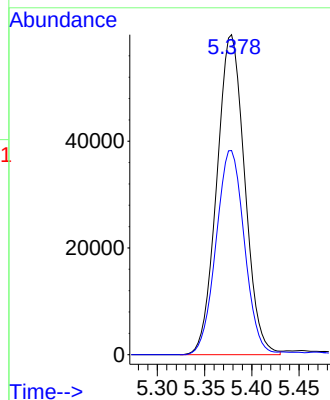


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045590.D
Acq: 06 Nov 2021 04:02

Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01S-20211102

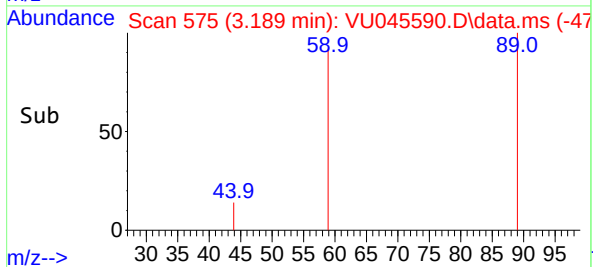
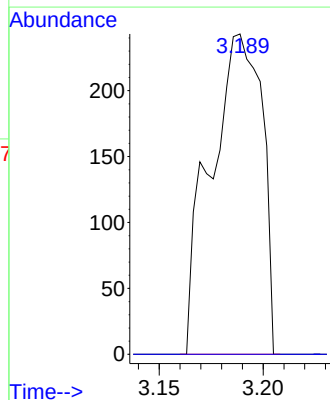
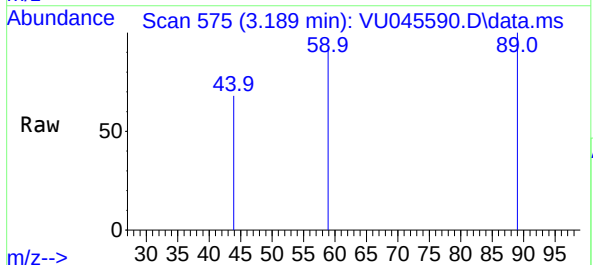


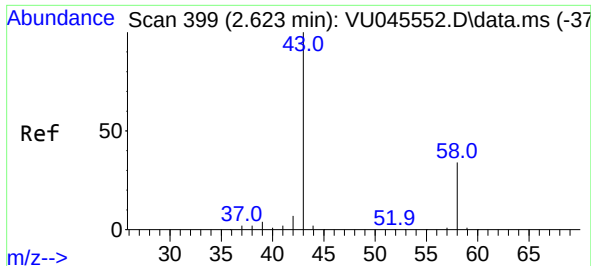
Tgt Ion:168 Resp: 123186
Ion Ratio Lower Upper
168 100
99 63.8 51.0 76.6



#11
Tert butyl alcohol
Concen: 1.147 ug/l
RT: 3.189 min Scan# 575
Delta R.T. 0.016 min
Lab File: VU045590.D
Acq: 06 Nov 2021 04:02

Tgt Ion: 59 Resp: 419
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

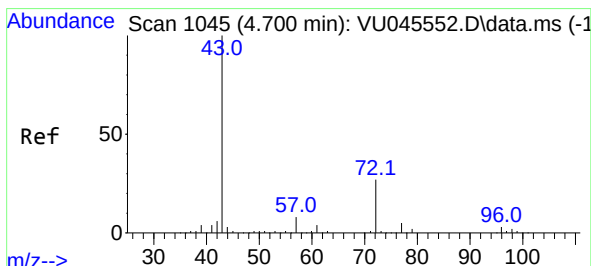
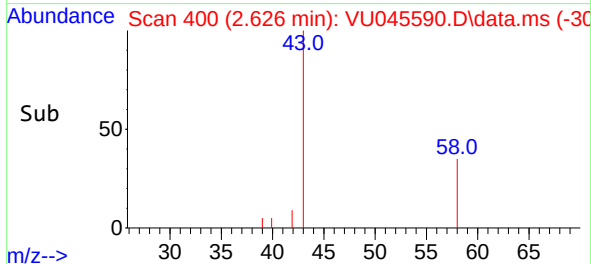
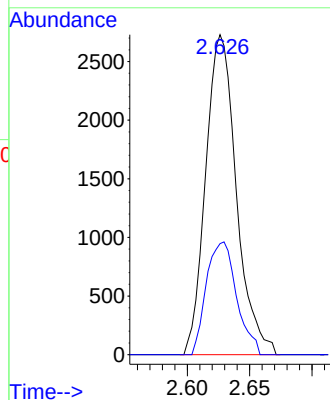
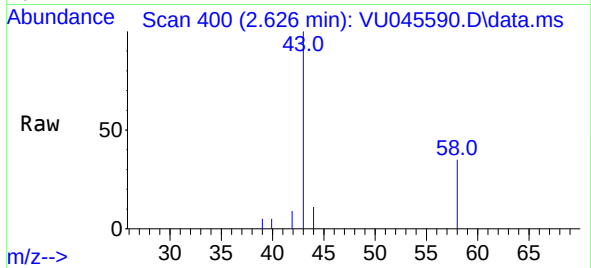




#16
Acetone
Concen: 4.984 ug/l
RT: 2.626 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU045590.D
Acq: 06 Nov 2021 04:02

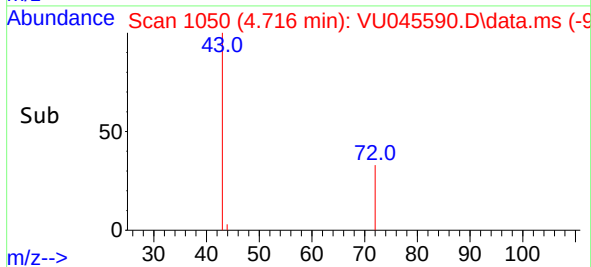
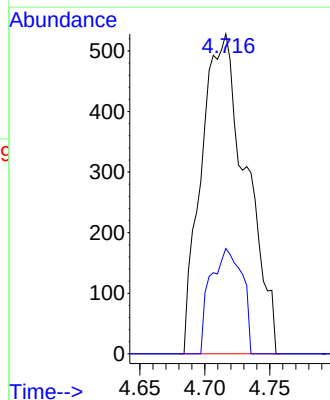
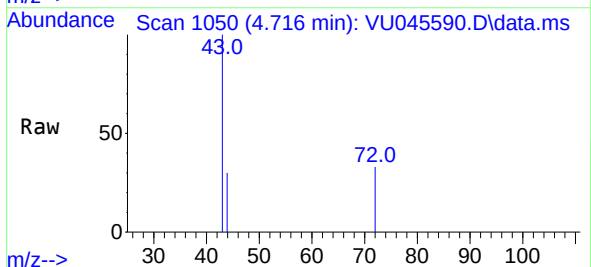
Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01S-20211102

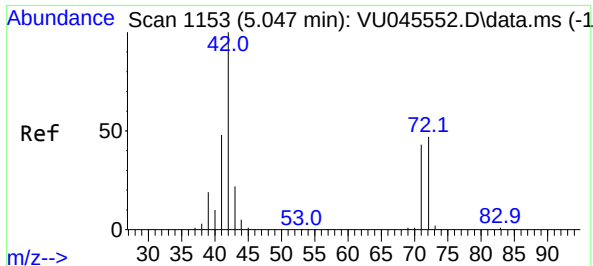
Tgt Ion: 43 Resp: 4681
Ion Ratio Lower Upper
43 100
58 34.7 26.2 39.2



#25
2-Butanone
Concen: 0.973 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.016 min
Lab File: VU045590.D
Acq: 06 Nov 2021 04:02

Tgt Ion: 43 Resp: 1268
Ion Ratio Lower Upper
43 100
72 33.0 22.0 33.0





#29

Tetrahydrofuran

Concen: 10.625 ug/l

RT: 5.054 min Scan# 1153

Delta R.T. 0.006 min

Lab File: VU045590.D

Acq: 06 Nov 2021 04:02

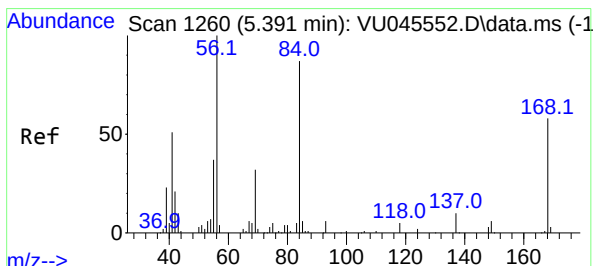
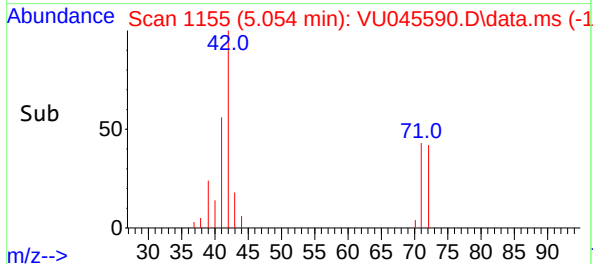
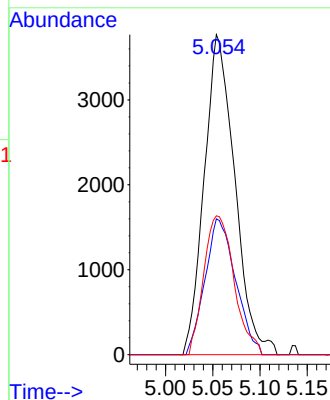
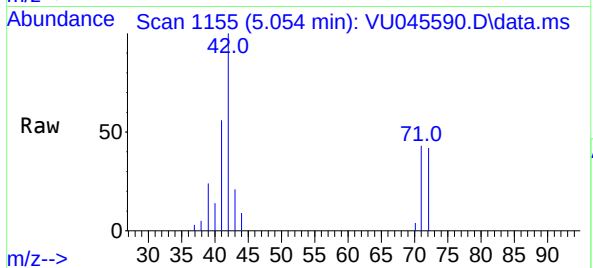
Instrument :

MSVOA_U

ClientSampleId :

RW8-MW01S-20211102

Tgt Ion:	42	Resp:	8465
Ion	Ratio	Lower	Upper
42	100		
72	42.6	38.2	57.4
71	43.0	35.4	53.2



#31

Cyclohexane

Concen: 1.049 ug/l

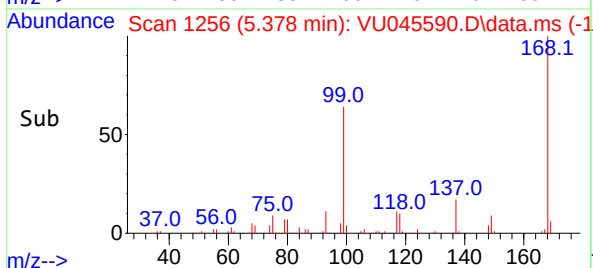
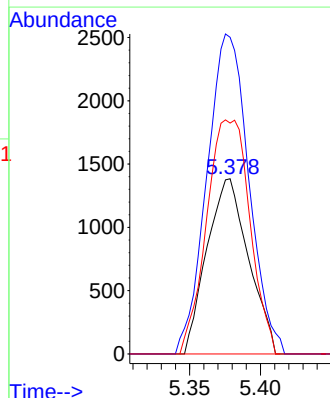
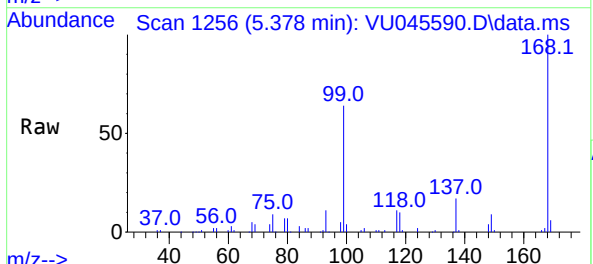
RT: 5.378 min Scan# 1256

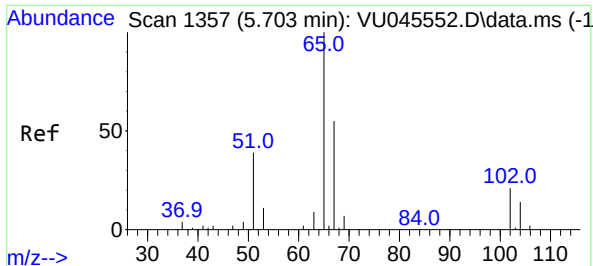
Delta R.T. -0.013 min

Lab File: VU045590.D

Acq: 06 Nov 2021 04:02

Tgt Ion:	56	Resp:	2823
Ion	Ratio	Lower	Upper
56	100		
69	172.0	26.4	39.6#
84	131.8	68.4	102.6#





#33

1,2-Dichloroethane-d4

Concen: 57.211 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045590.D

Acq: 06 Nov 2021 04:02

Instrument :

MSVOA_U

ClientSampleId :

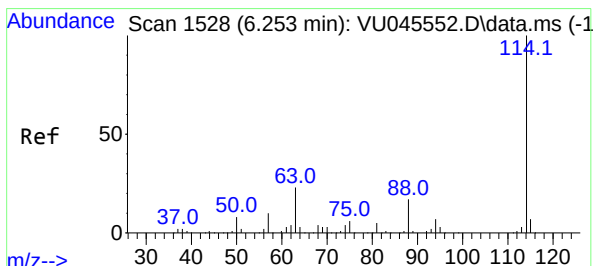
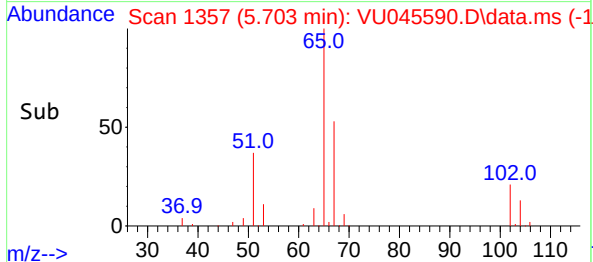
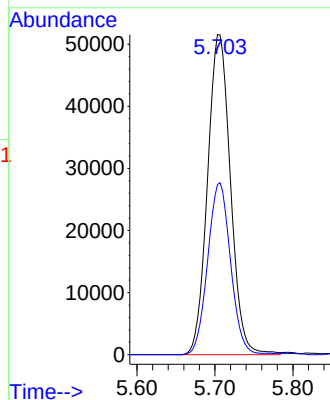
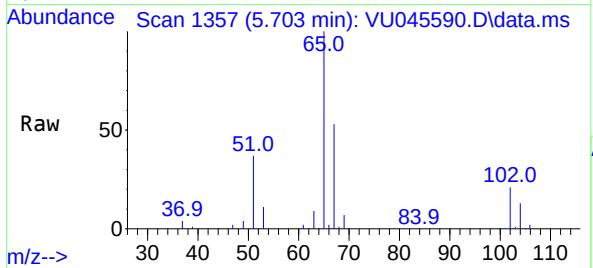
RW8-MW01S-20211102

Tgt Ion: 65 Resp: 105545

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# 1528

Delta R.T. 0.000 min

Lab File: VU045590.D

Acq: 06 Nov 2021 04:02

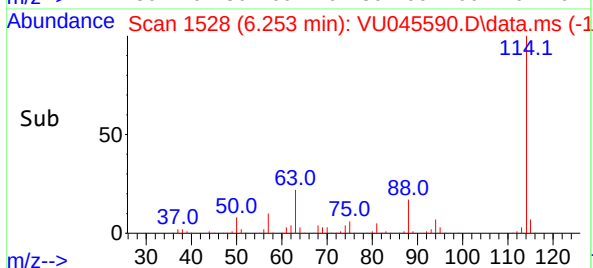
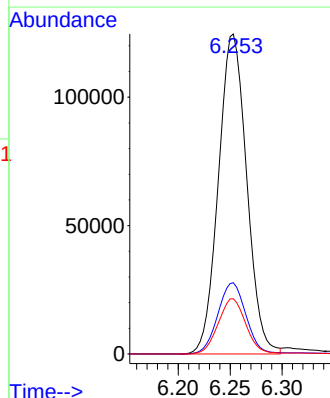
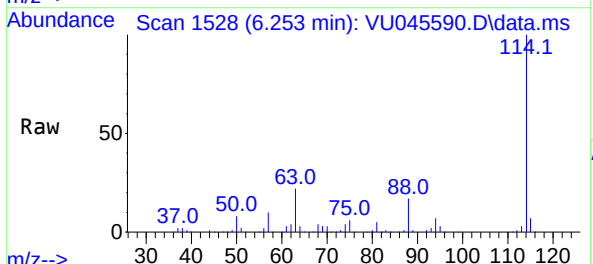
Tgt Ion: 114 Resp: 235841

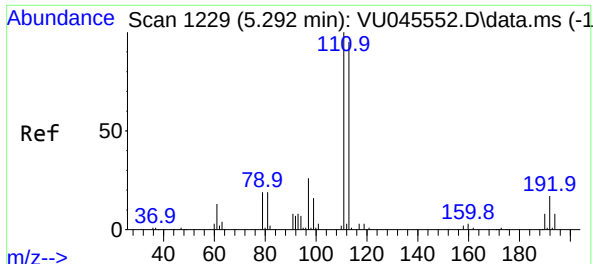
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.6

88 17.2 0.0 33.8

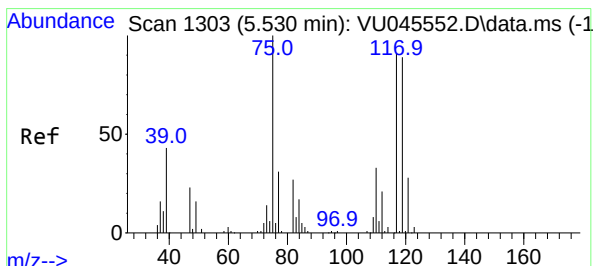
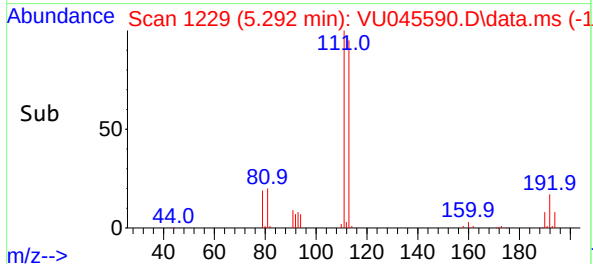
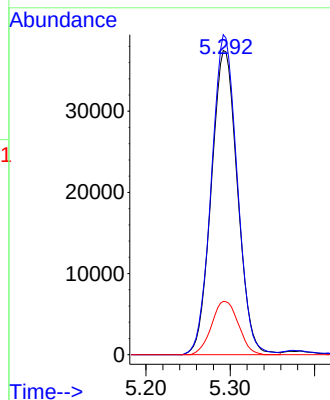
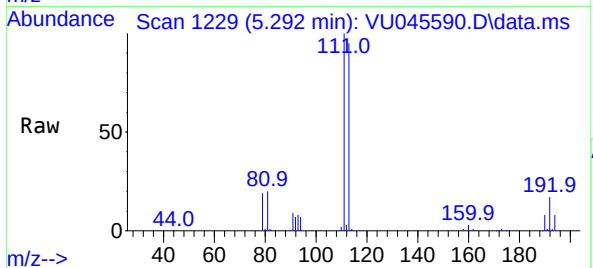




#35
Dibromofluoromethane
Concen: 51.323 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045590.D
Acq: 06 Nov 2021 04:02

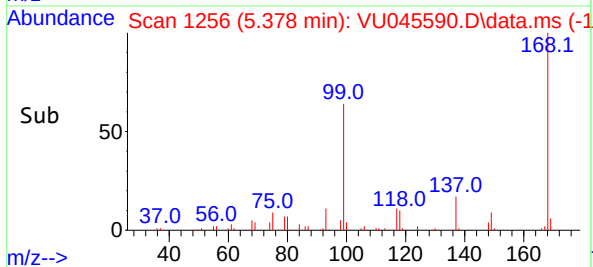
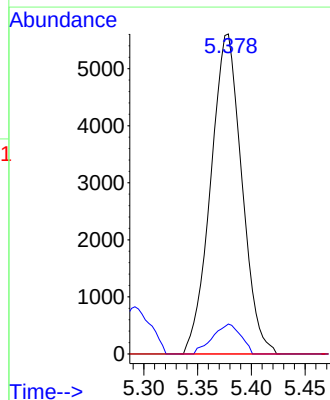
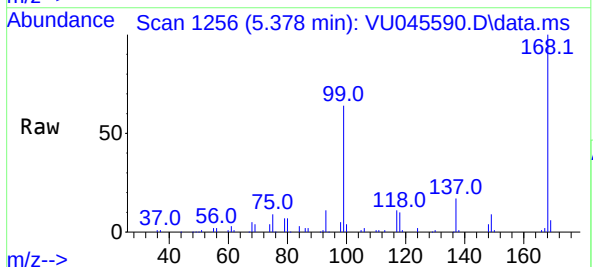
Instrument :
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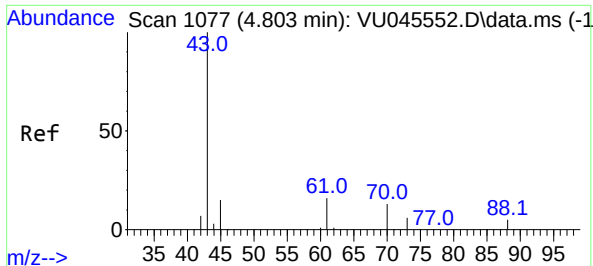
Tgt Ion:113 Resp: 80813
Ion Ratio Lower Upper
113 100
111 103.7 82.8 124.2
192 17.9 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.913 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU045590.D
Acq: 06 Nov 2021 04:02

Tgt Ion: 75 Resp: 11298
Ion Ratio Lower Upper
75 100
110 8.5 16.7 50.0#
77 0.0 25.0 37.4#

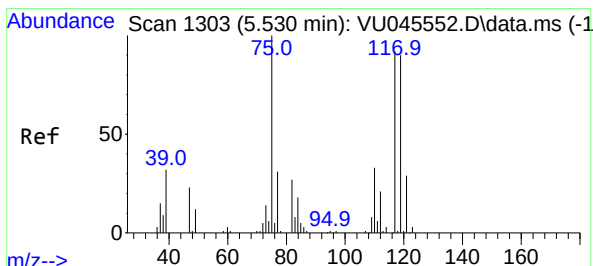
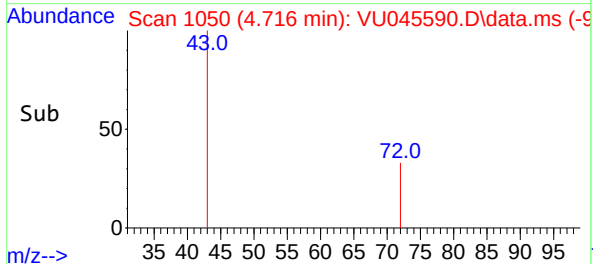
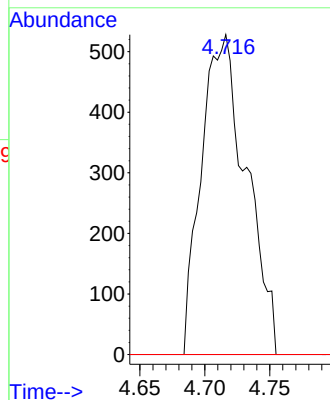
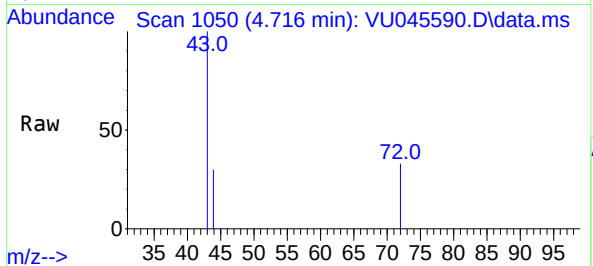




#37
Ethyl Acetate
Concen: 0.480 ug/l
RT: 4.716 min Scan# 1077
Delta R.T. -0.087 min
Lab File: VU045590.D
Acq: 06 Nov 2021 04:02

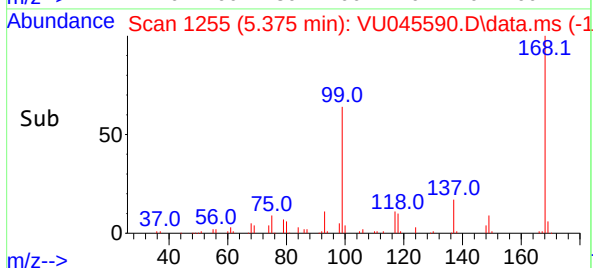
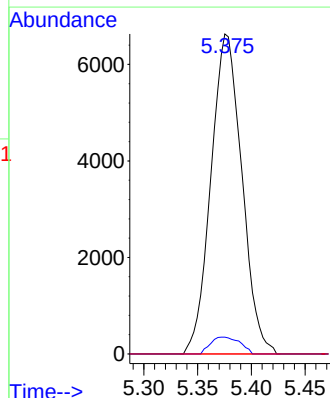
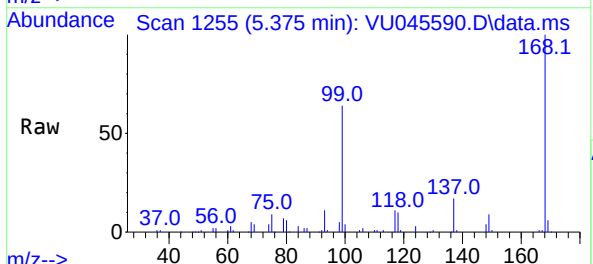
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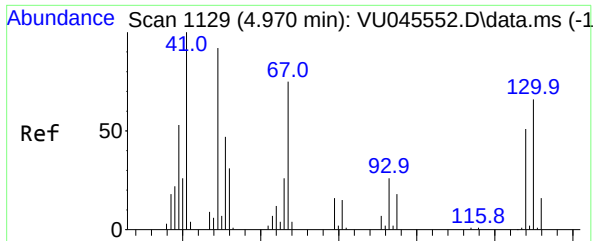
Tgt Ion: 43 Resp: 1268
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 9.1 13.7#



#38
Carbon Tetrachloride
Concen: 5.725 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045590.D
Acq: 06 Nov 2021 04:02

Tgt Ion: 117 Resp: 13273
Ion Ratio Lower Upper
117 100
119 5.2 77.4 116.0#
121 0.0 24.8 37.2#



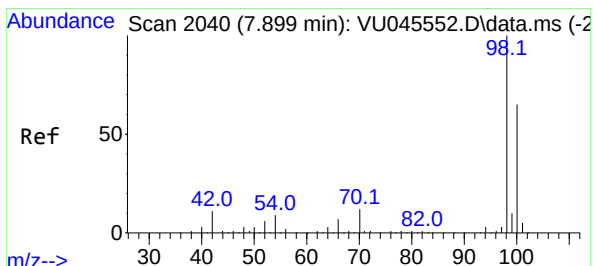
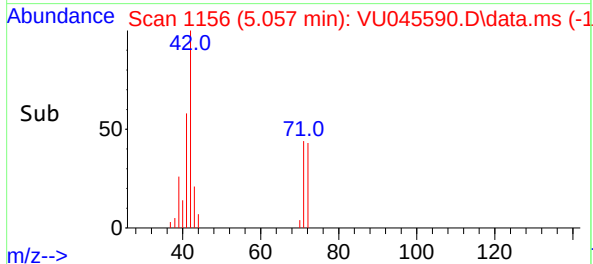
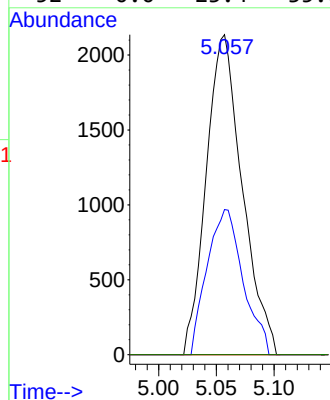
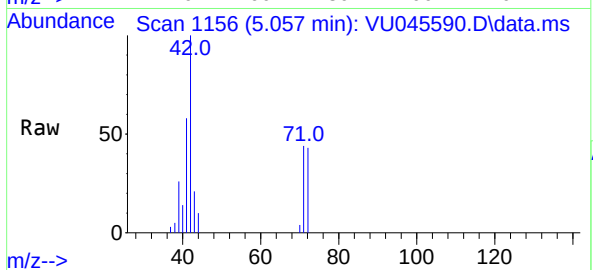


#41
Methacrylonitrile
Concen: 3.319 ug/l
RT: 5.057 min Scan# 1129
Delta R.T. 0.087 min
Lab File: VU045590.D
Acq: 06 Nov 2021 04:02

Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01S-20211102

Tgt Ion: 41 Resp: 4633

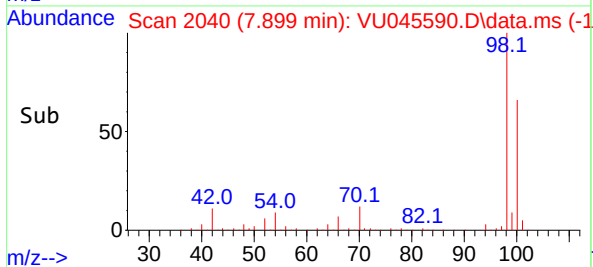
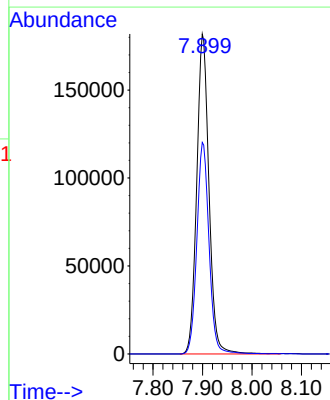
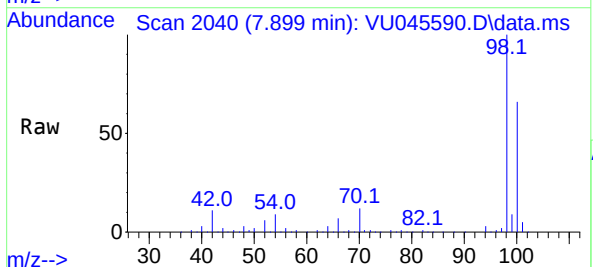
Ion	Ratio	Lower	Upper
41	100		
39	45.2	43.4	65.0
67	0.0	61.0	91.4#
52	0.0	23.4	35.0#

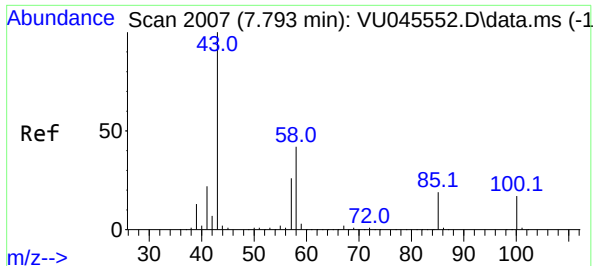


#50
Toluene-d8
Concen: 53.607 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045590.D
Acq: 06 Nov 2021 04:02

Tgt Ion: 98 Resp: 313872

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.5	78.7

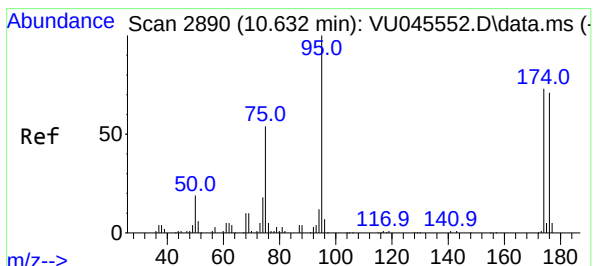
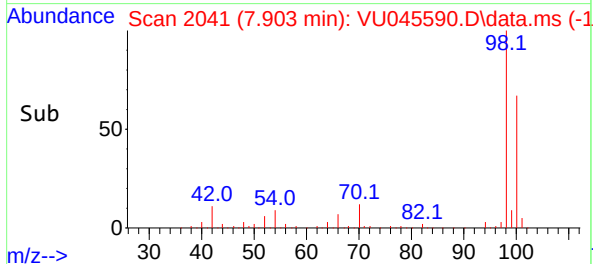
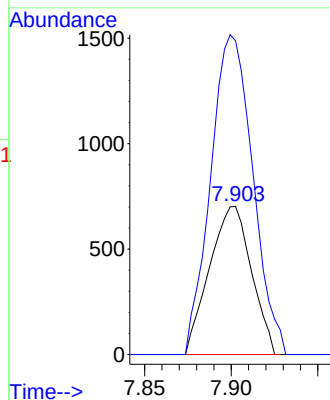
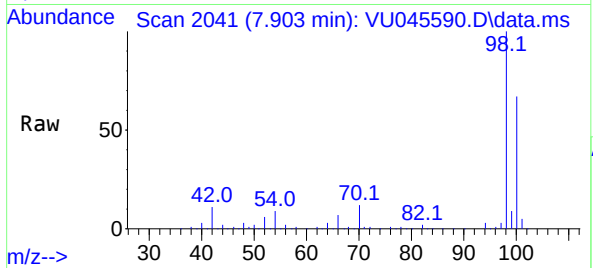




#51
4-Methyl-2-Pentanone
Concen: 0.443 ug/l
RT: 7.903 min Scan# 2007
Delta R.T. 0.109 min
Lab File: VU045590.D
Acq: 06 Nov 2021 04:02

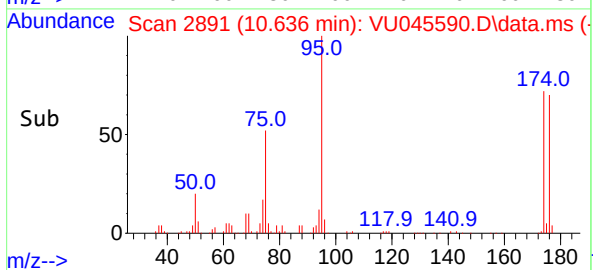
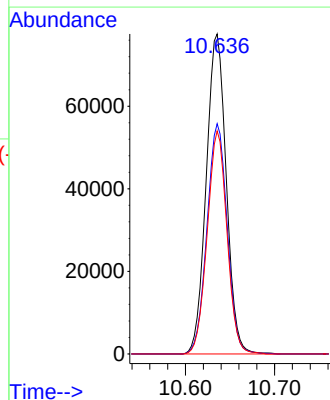
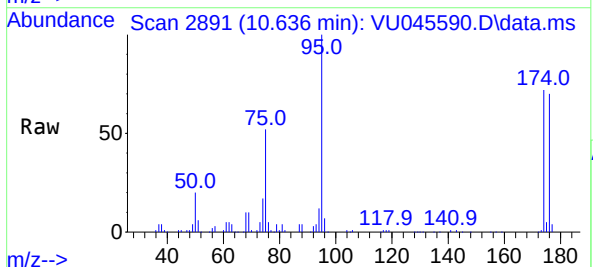
Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01S-20211102

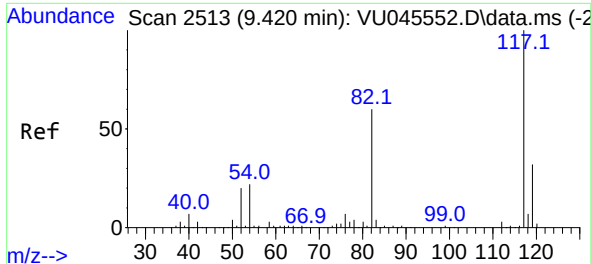
Tgt Ion: 43 Resp: 1182
Ion Ratio Lower Upper
43 100
58 217.1 33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 51.472 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045590.D
Acq: 06 Nov 2021 04:02

Tgt Ion: 95 Resp: 120849
Ion Ratio Lower Upper
95 100
174 72.8 0.0 141.8
176 68.8 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: VU045590.D

Acq: 06 Nov 2021 04:02

Instrument :

MSVOA_U

ClientSampleId :

RW8-MW01S-20211102

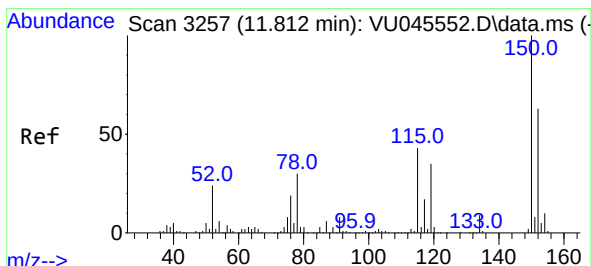
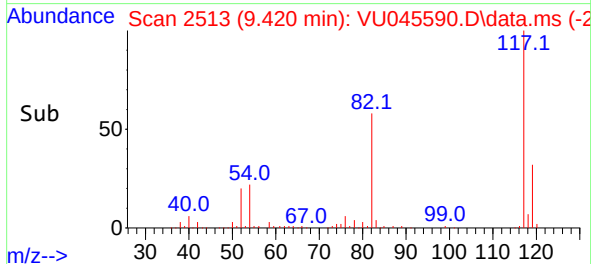
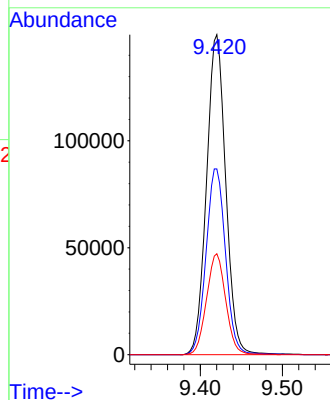
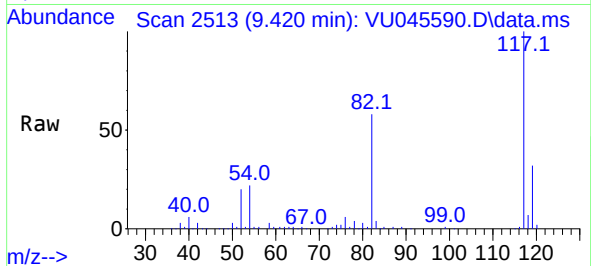
Tgt Ion:117 Resp: 244218

Ion Ratio Lower Upper

117 100

82 58.1 47.8 71.8

119 31.5 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: VU045590.D

Acq: 06 Nov 2021 04:02

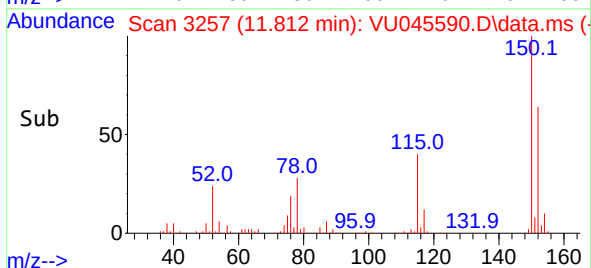
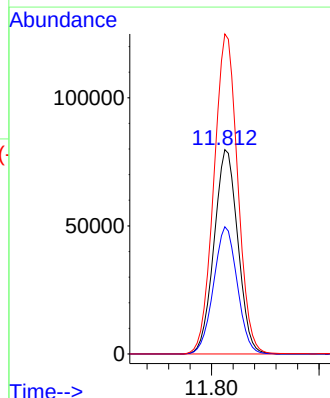
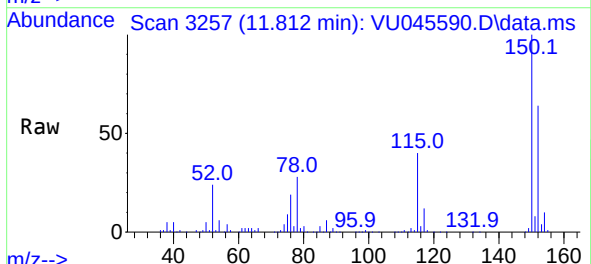
Tgt Ion:152 Resp: 122601

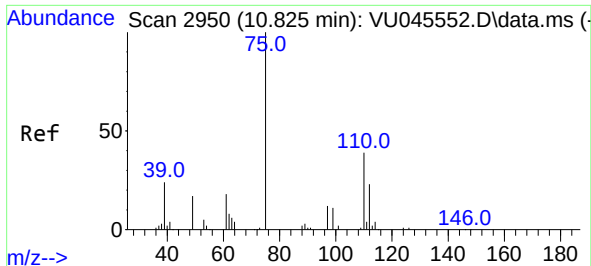
Ion Ratio Lower Upper

152 100

115 62.1 42.7 128.1

150 156.7 0.0 346.8

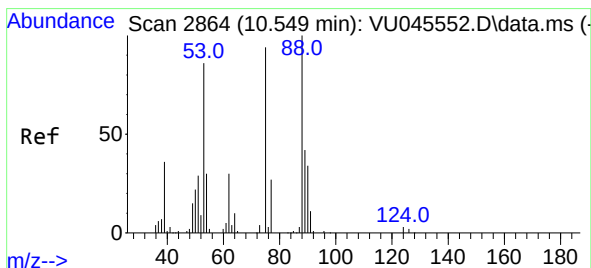
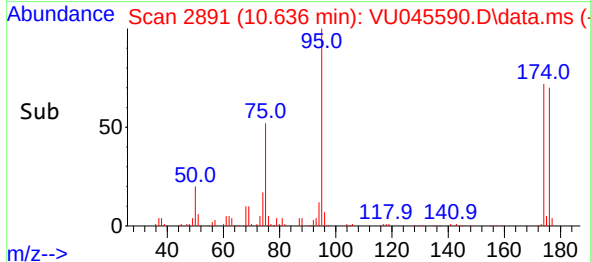
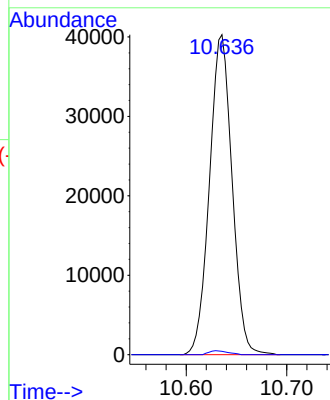
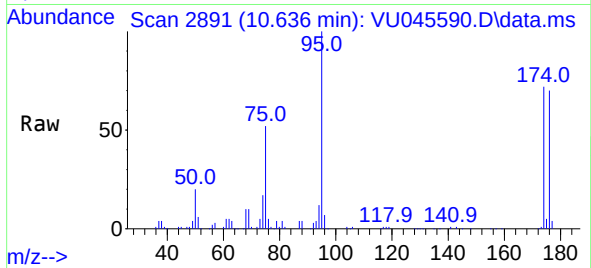




#76
1,2,3-Trichloropropane
Concen: 16.916 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045590.D
Acq: 06 Nov 2021 04:02

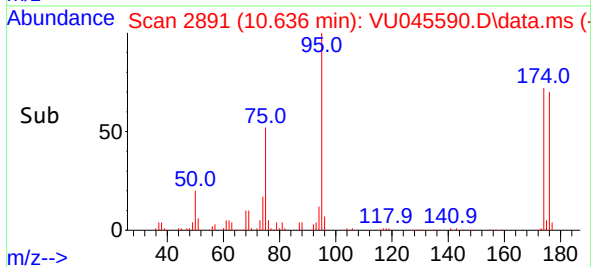
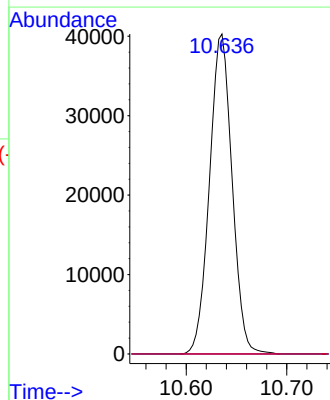
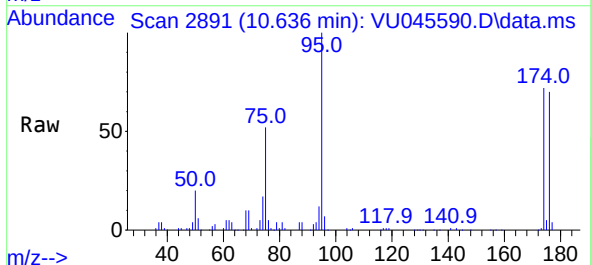
Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01S-20211102

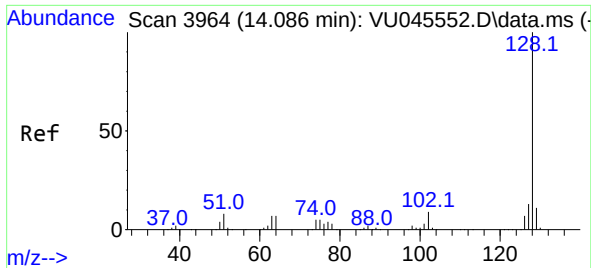
Tgt Ion: 75 Resp: 62894
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.092 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045590.D
Acq: 06 Nov 2021 04:02

Tgt Ion: 75 Resp: 62894
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.045 ug/l

RT: 14.098 min Scan# 3968

Delta R.T. 0.012 min

Lab File: VU045590.D

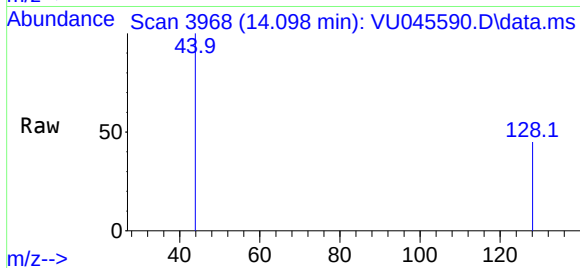
Acq: 06 Nov 2021 04:02

Instrument :

MSVOA_U

ClientSampleId :

RW8-MW01S-20211102



Tgt Ion:128 Resp: 168

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 13.0#

