

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045588.D
 Acq On : 06 Nov 2021 03:17
 Operator : SY/MD
 Sample : M4478-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TWP02

Quant Time: Nov 06 21:52:27 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)

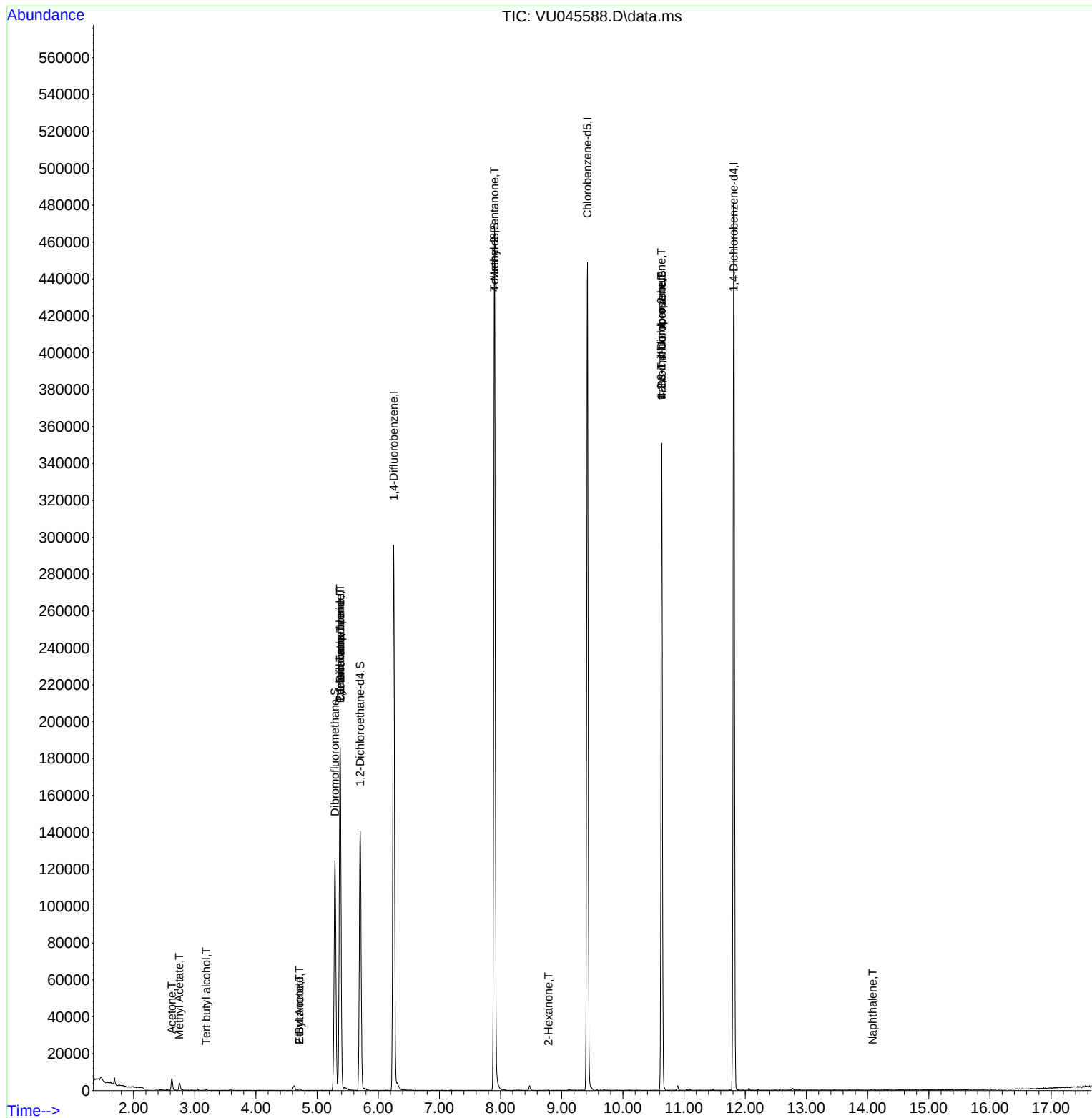
Internal Standards						
1) Pentafluorobenzene	5.375	168	122437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	237414	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	238896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	118699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	105469	57.519	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.040%
35) Dibromofluoromethane	5.292	113	79738	50.305	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.620%
50) Toluene-d8	7.899	98	309825	52.565	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.120%
62) 4-Bromofluorobenzene	10.636	95	117645	49.775	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.186	59	151	0.416	ug/l #	72
16) Acetone	2.626	43	7367	7.893	ug/l	99
18) Methyl Acetate	2.745	43	1287	0.405	ug/l #	50
25) 2-Butanone	4.710	43	1470	1.135	ug/l #	82
31) Cyclohexane	5.379	56	2883	1.078	ug/l #	3
36) 1,1-Dichloropropene	5.375	75	10753	4.645	ug/l #	50
37) Ethyl Acetate	4.710	43	1470	0.553	ug/l #	67
38) Carbon Tetrachloride	5.375	117	13536	5.800	ug/l #	16
51) 4-Methyl-2-Pentanone	7.899	43	1365	0.509	ug/l #	1
59) 2-Hexanone	8.784	43	19	7.543	ug/l #	21
76) 1,2,3-Trichloropropane	10.632	75	63030	17.510	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.632	75	63030	56.921	ug/l #	12
95) Naphthalene	14.082	128	433	1.073	ug/l #	69

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

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Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration

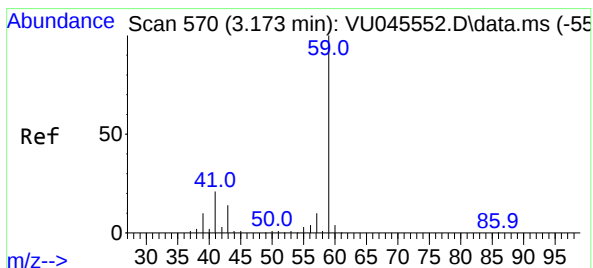
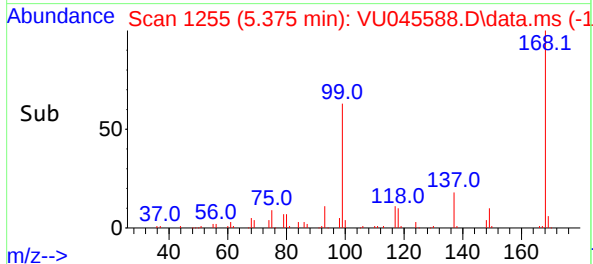
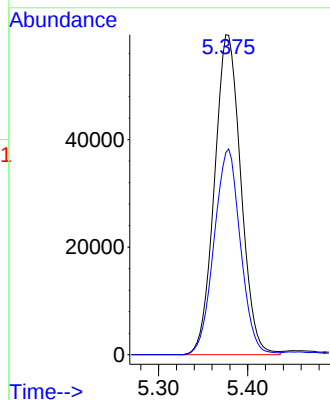
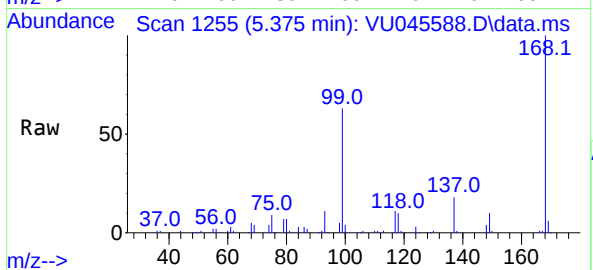




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045588.D
Acq: 06 Nov 2021 03:17

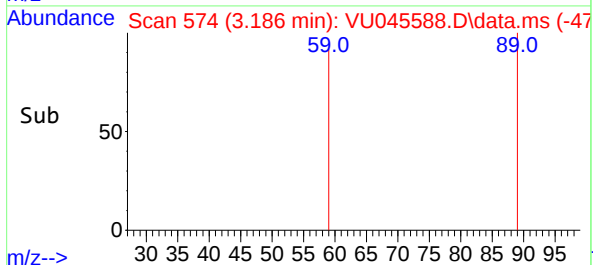
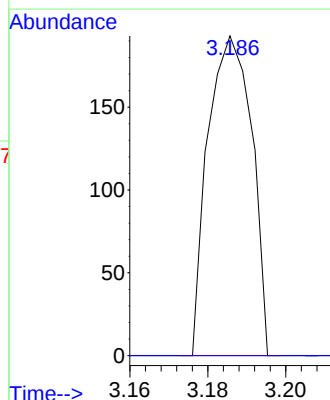
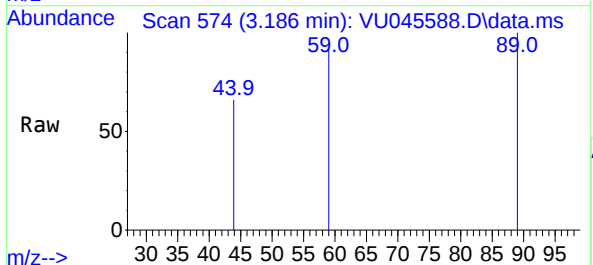
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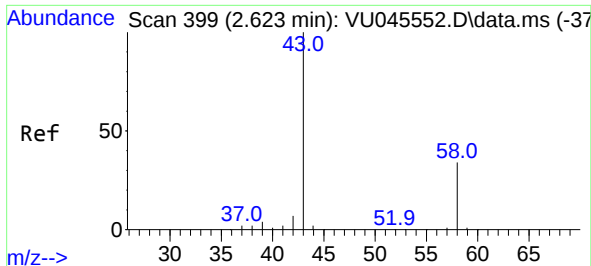
Tgt Ion:168 Resp: 122437
Ion Ratio Lower Upper
168 100
99 63.1 51.0 76.6



#11
Tert butyl alcohol
Concen: 0.416 ug/l
RT: 3.186 min Scan# 574
Delta R.T. 0.013 min
Lab File: VU045588.D
Acq: 06 Nov 2021 03:17

Tgt Ion: 59 Resp: 151
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 7.893 ug/l

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU045588.D

Acq: 06 Nov 2021 03:17

Instrument :

MSVOA_U

ClientSampleId :

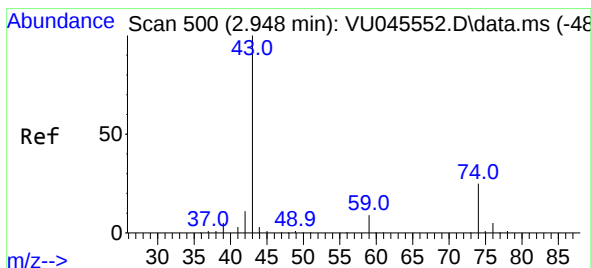
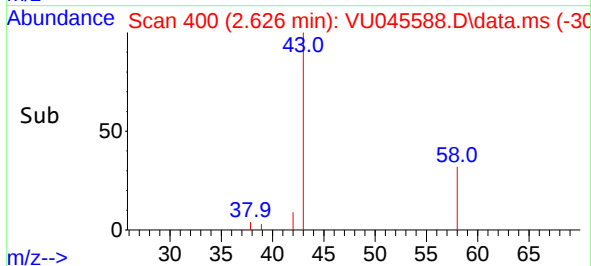
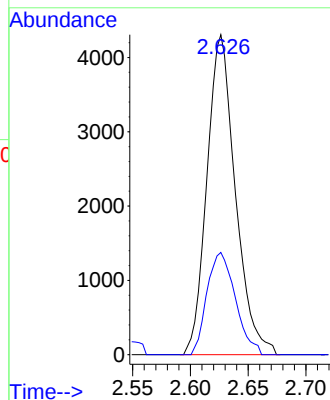
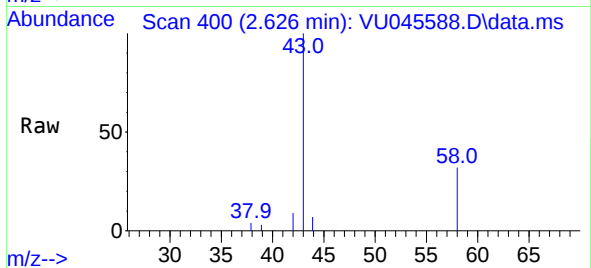
TWP02

Tgt Ion: 43 Resp: 7367

Ion Ratio Lower Upper

43 100

58 32.0 26.2 39.2



#18

Methyl Acetate

Concen: 0.405 ug/l

RT: 2.745 min Scan# 437

Delta R.T. -0.203 min

Lab File: VU045588.D

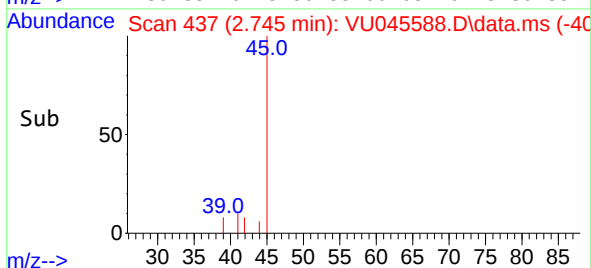
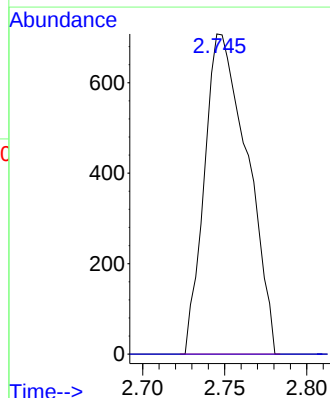
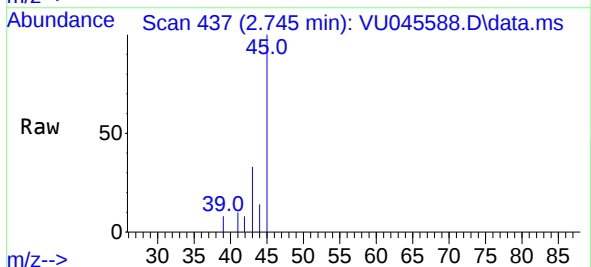
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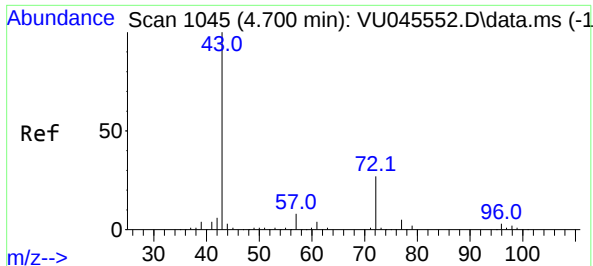
Tgt Ion: 43 Resp: 1287

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#

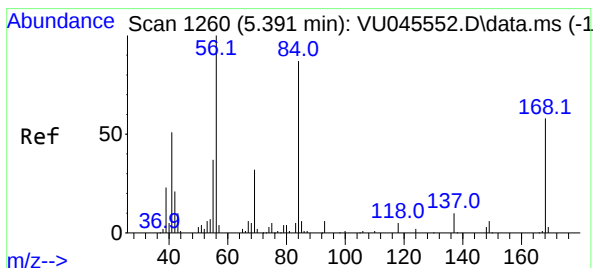
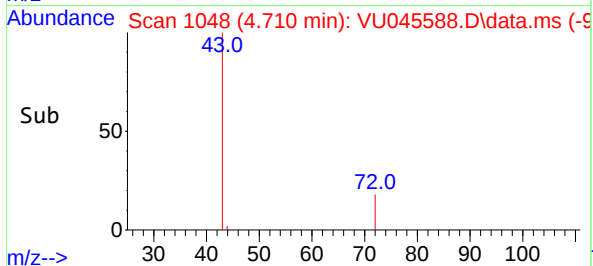
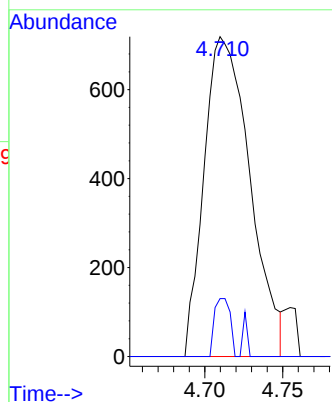
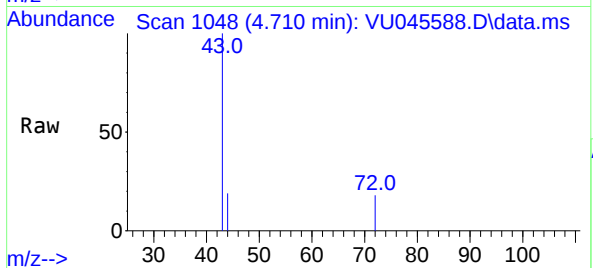




#25
2-Butanone
Concen: 1.135 ug/l
RT: 4.710 min Scan# 1045
Delta R.T. 0.010 min
Lab File: VU045588.D
Acq: 06 Nov 2021 03:17

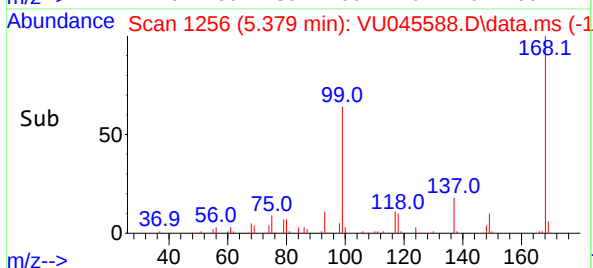
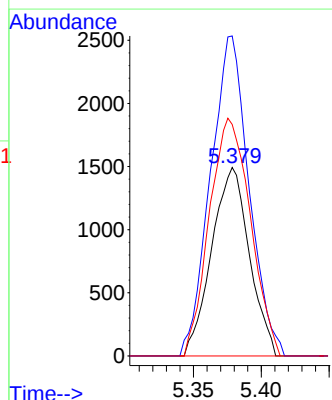
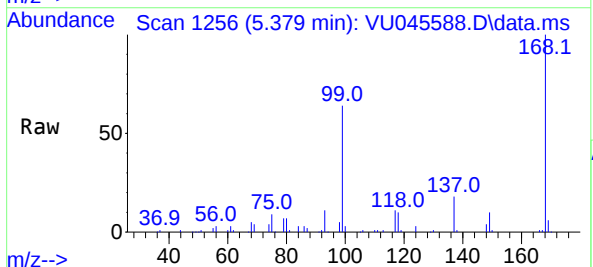
Instrument :
MSVOA_U
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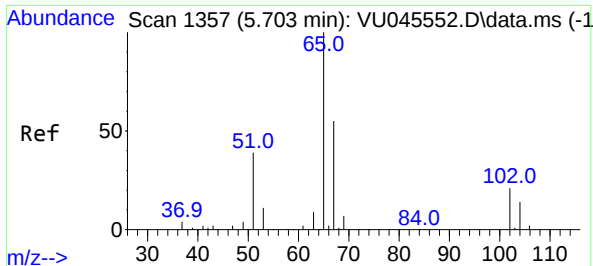
Tgt Ion: 43 Resp: 1470
Ion Ratio Lower Upper
43 100
72 18.1 22.0 33.0#



#31
Cyclohexane
Concen: 1.078 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.013 min
Lab File: VU045588.D
Acq: 06 Nov 2021 03:17

Tgt Ion: 56 Resp: 2883
Ion Ratio Lower Upper
56 100
69 169.8 26.4 39.6#
84 122.9 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: 57.519 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045588.D

Acq: 06 Nov 2021 03:17

Instrument :

MSVOA_U

ClientSampleId :

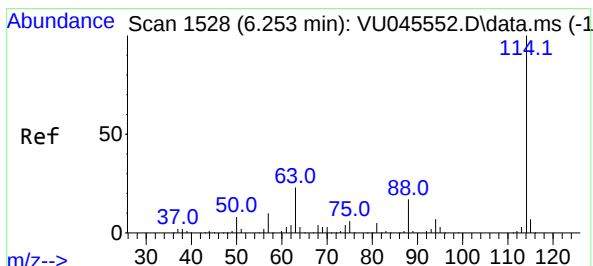
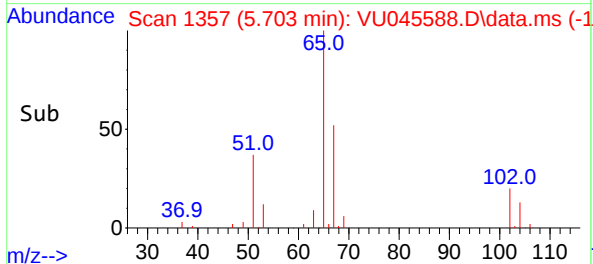
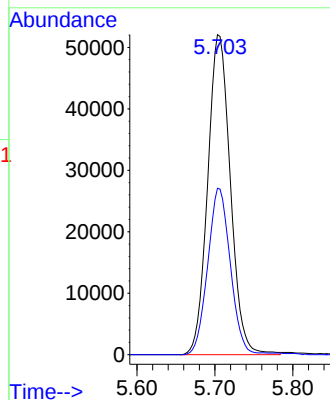
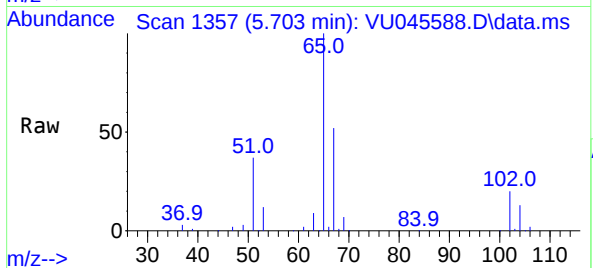
TWP02

Tgt Ion: 65 Resp: 105469

Ion Ratio Lower Upper

65 100

67 51.7 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: VU045588.D

Acq: 06 Nov 2021 03:17

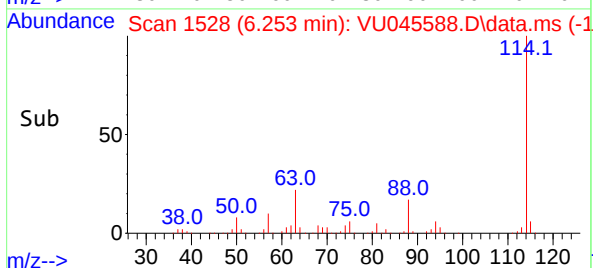
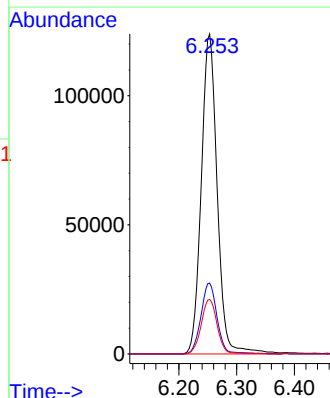
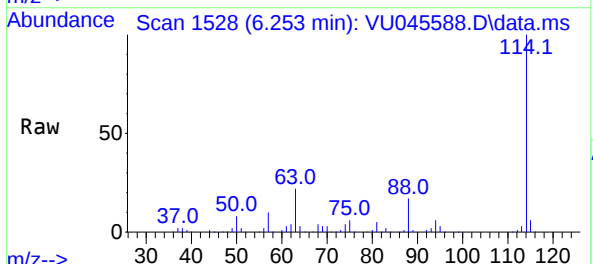
Tgt Ion: 114 Resp: 237414

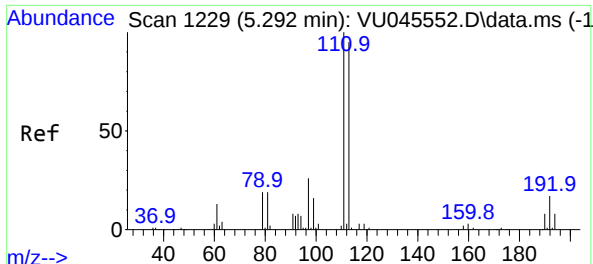
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.6

88 17.0 0.0 33.8

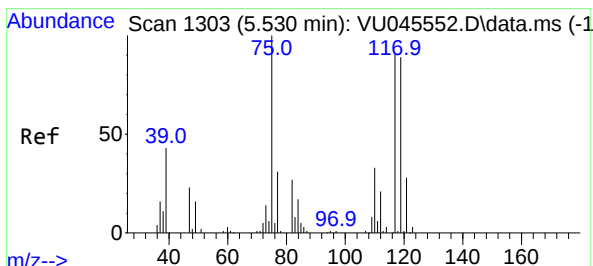
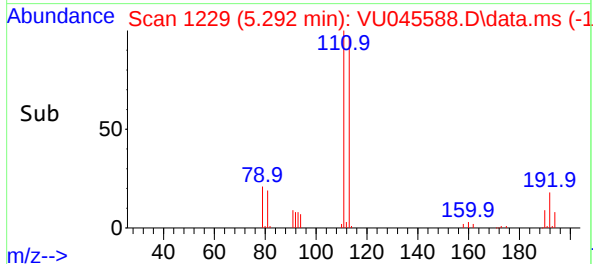
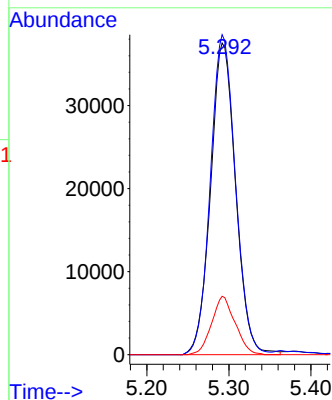
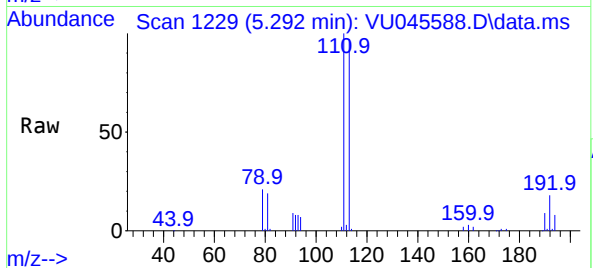




#35
Dibromofluoromethane
Concen: 50.305 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045588.D
Acq: 06 Nov 2021 03:17

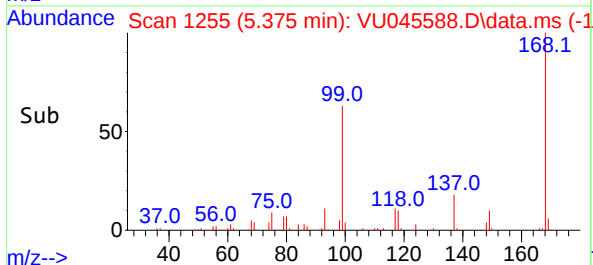
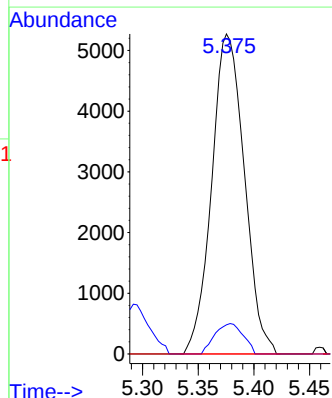
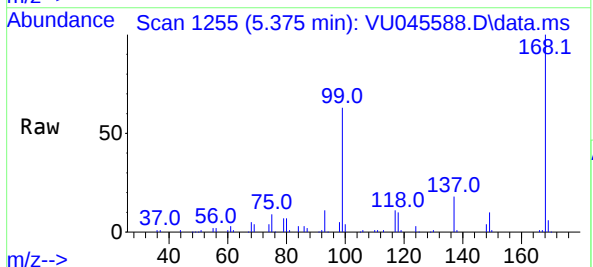
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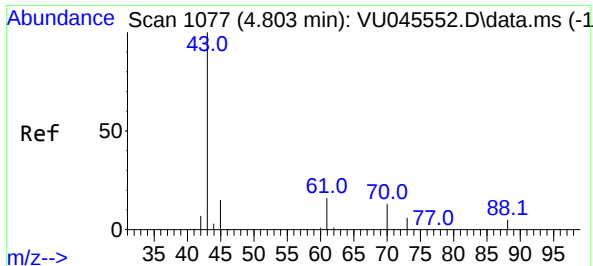
Tgt Ion:113 Resp: 79738
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 17.5 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.645 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045588.D
Acq: 06 Nov 2021 03:17

Tgt Ion: 75 Resp: 10753
Ion Ratio Lower Upper
75 100
110 8.3 16.7 50.0#
77 0.0 25.0 37.4#

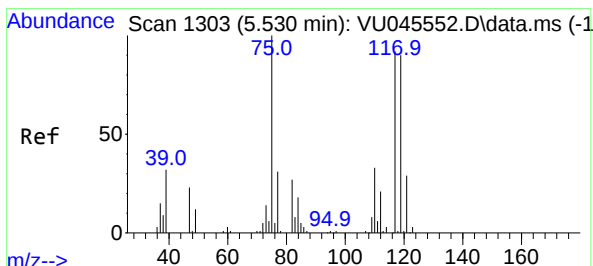
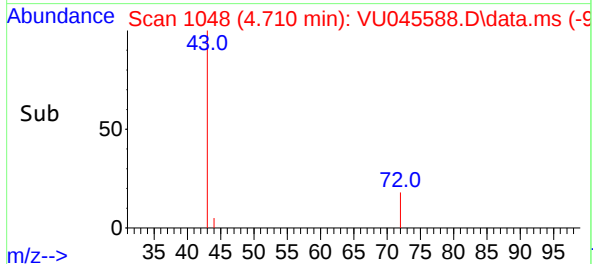
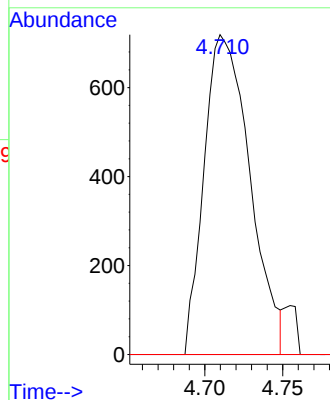
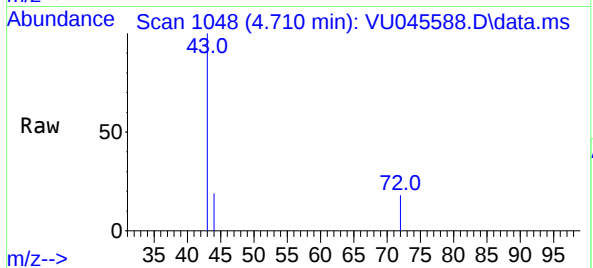




#37
Ethyl Acetate
Concen: 0.553 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. -0.093 min
Lab File: VU045588.D
Acq: 06 Nov 2021 03:17

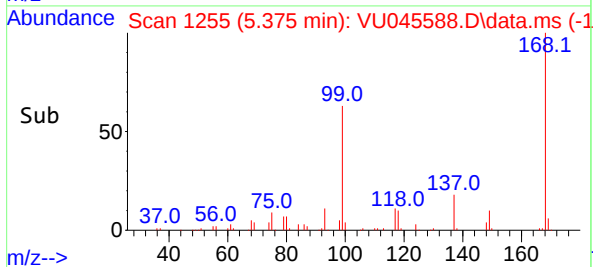
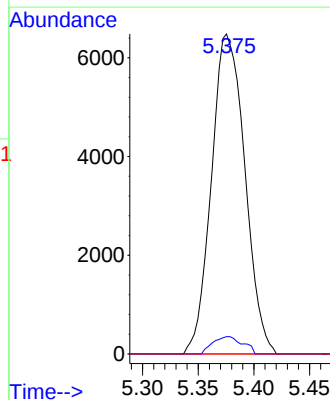
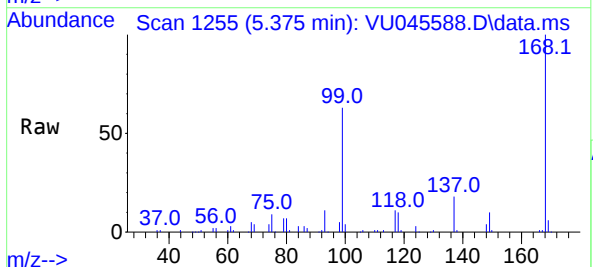
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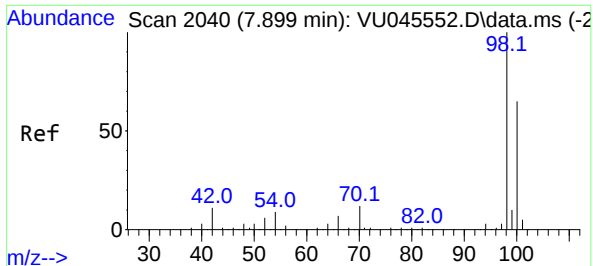
Tgt Ion: 43 Resp: 1470
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 9.1 13.7#



#38
Carbon Tetrachloride
Concen: 5.800 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045588.D
Acq: 06 Nov 2021 03:17

Tgt Ion: 117 Resp: 13536
Ion Ratio Lower Upper
117 100
119 5.4 77.4 116.0#
121 0.0 24.8 37.2#

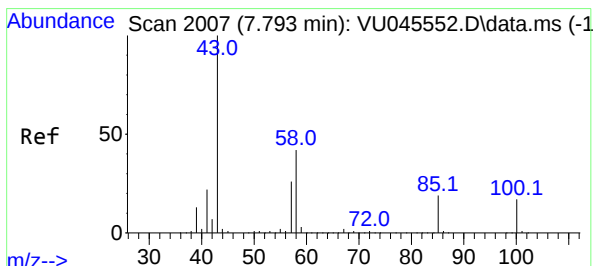
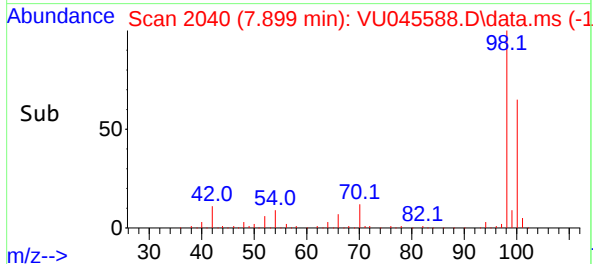
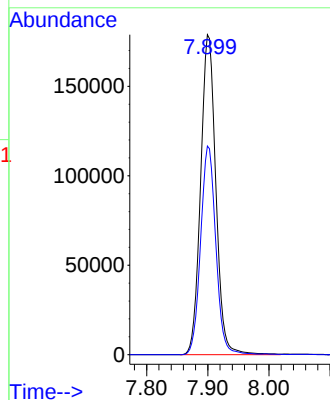
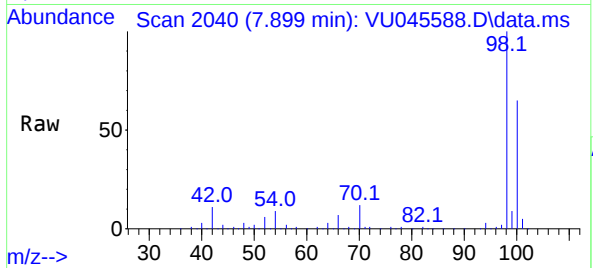




#50
Toluene-d8
Concen: 52.565 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045588.D
Acq: 06 Nov 2021 03:17

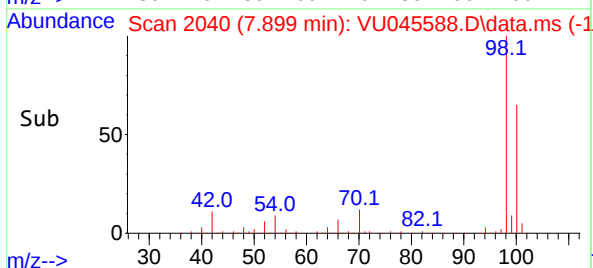
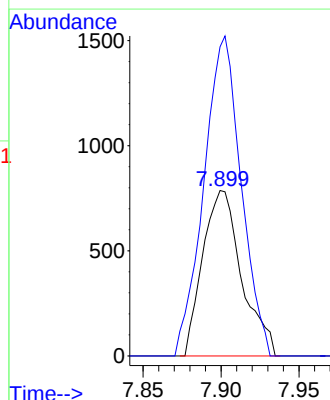
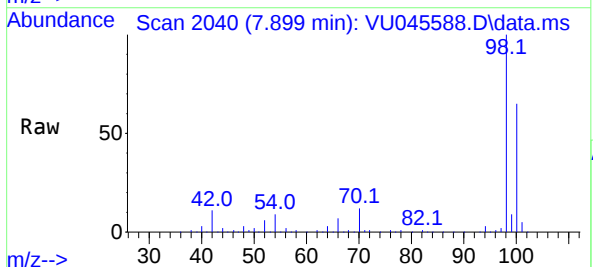
Instrument :
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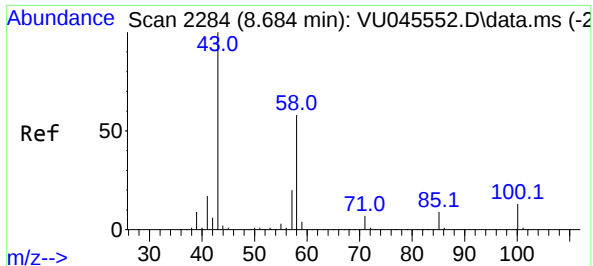
Tgt Ion: 98 Resp: 309825
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.509 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.106 min
Lab File: VU045588.D
Acq: 06 Nov 2021 03:17

Tgt Ion: 43 Resp: 1365
Ion Ratio Lower Upper
43 100
58 185.4 33.8 50.8





#59

2-Hexanone

Concen: 7.543 ug/l

RT: 8.784 min Scan# 21

Delta R.T. 0.100 min

Lab File: VU045588.D

Acq: 06 Nov 2021 03:17

Instrument :

MSVOA_U

ClientSampleId :

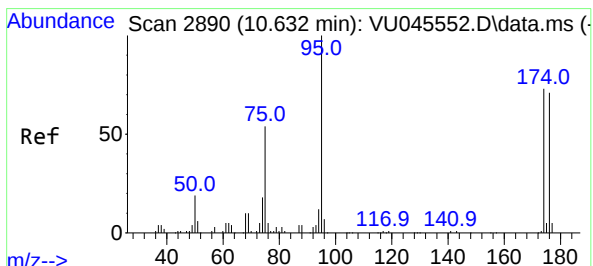
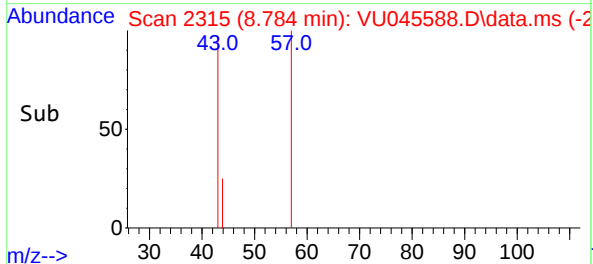
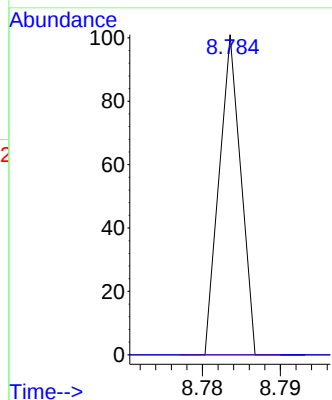
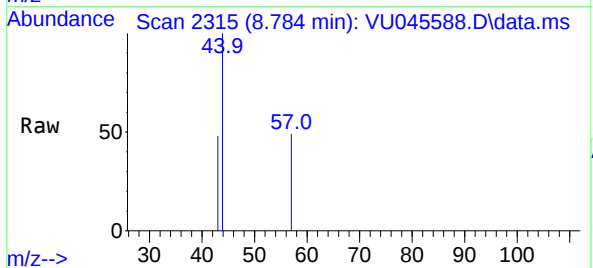
TWP02

Tgt Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

58 0.0 29.5 88.6#



#62

4-Bromofluorobenzene

Concen: 49.775 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. 0.003 min

Lab File: VU045588.D

Acq: 06 Nov 2021 03:17

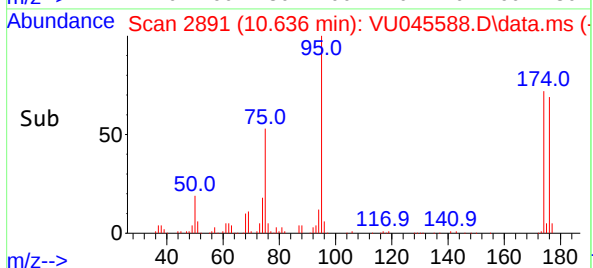
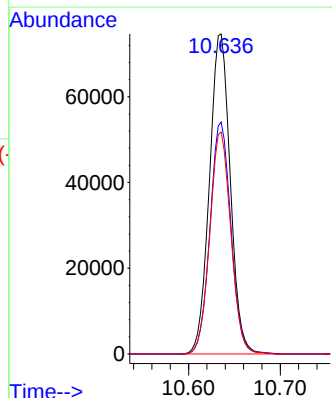
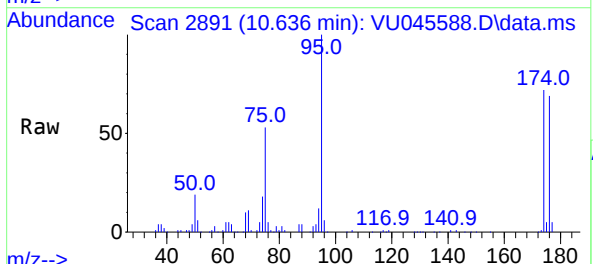
Tgt Ion: 95 Resp: 117645

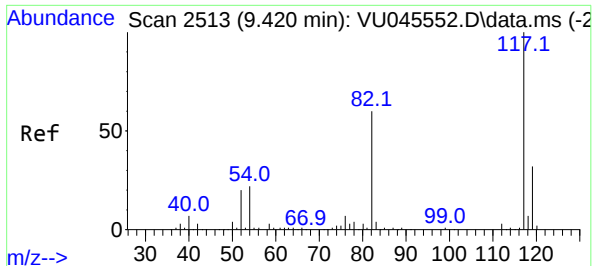
Ion Ratio Lower Upper

95 100

174 73.0 0.0 141.8

176 69.9 0.0 138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU045588.D

Acq: 06 Nov 2021 03:17

Instrument :

MSVOA_U

ClientSampleId :

TWP02

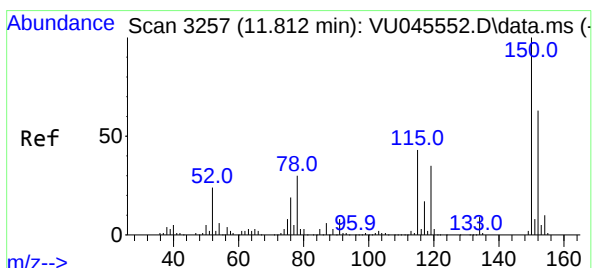
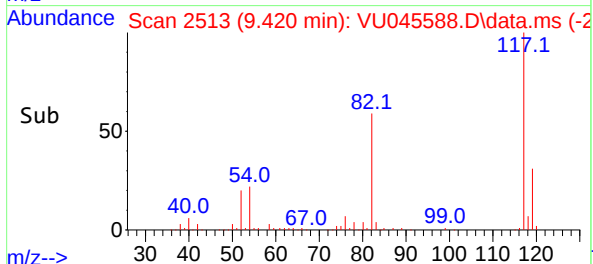
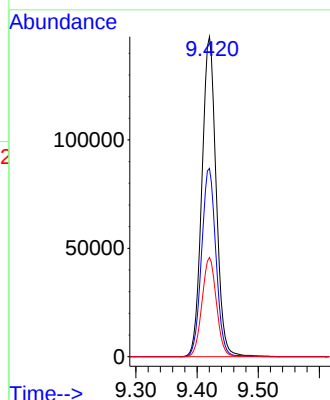
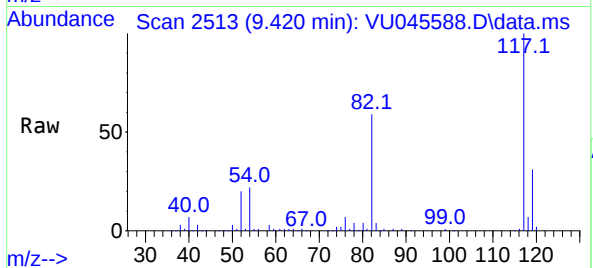
Tgt Ion:117 Resp: 238896

Ion Ratio Lower Upper

117 100

82 58.9 47.8 71.8

119 31.0 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: VU045588.D

Acq: 06 Nov 2021 03:17

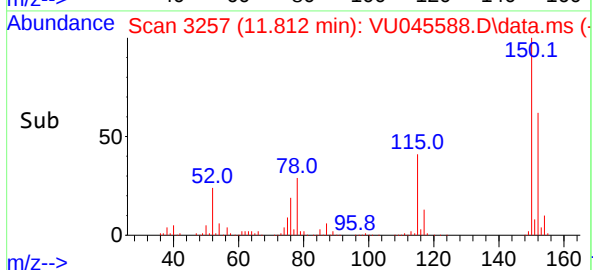
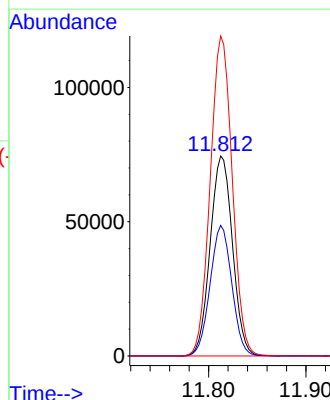
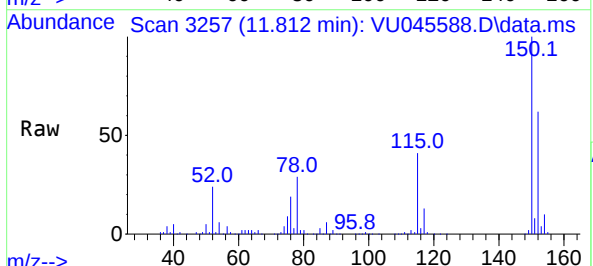
Tgt Ion:152 Resp: 118699

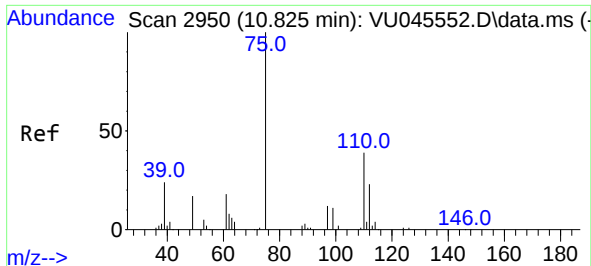
Ion Ratio Lower Upper

152 100

115 63.5 42.7 128.1

150 157.6 0.0 346.8

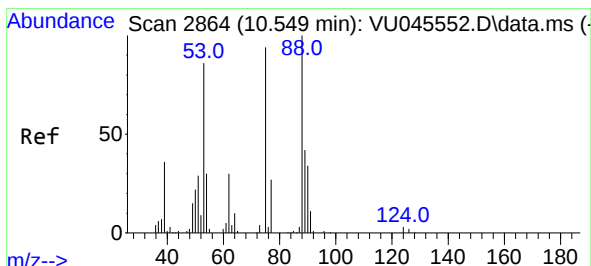
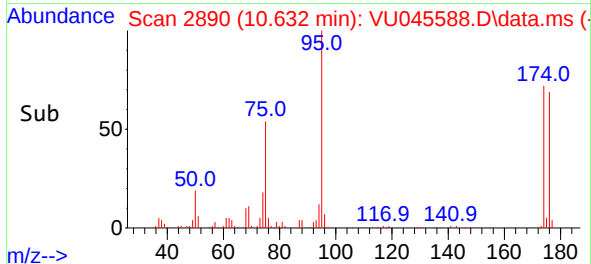
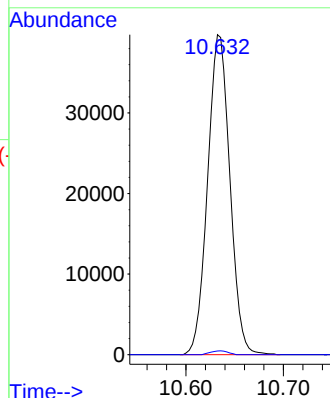
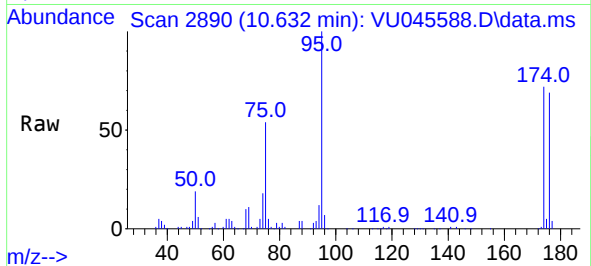




#76
1,2,3-Trichloropropane
Concen: 17.510 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.193 min
Lab File: VU045588.D
Acq: 06 Nov 2021 03:17

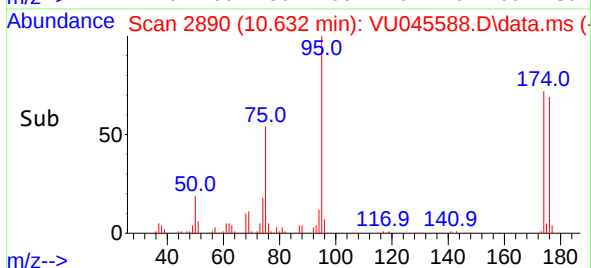
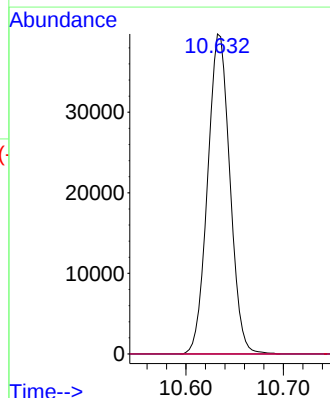
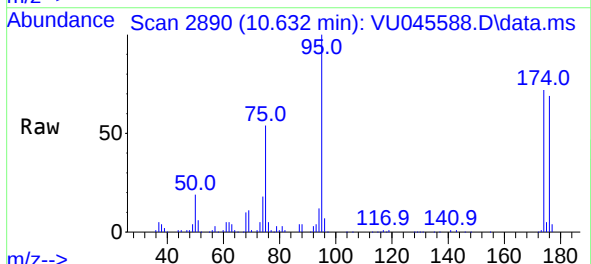
Instrument :
MSVOA_U
ClientSampleId :
TWP02

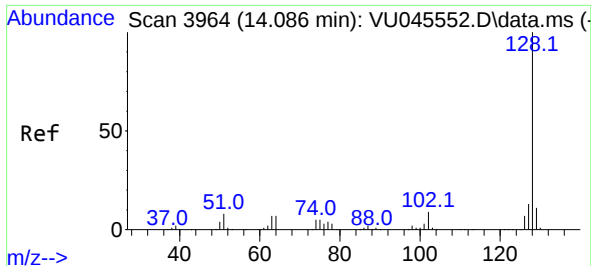
Tgt Ion: 75 Resp: 63030
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.921 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.083 min
Lab File: VU045588.D
Acq: 06 Nov 2021 03:17

Tgt Ion: 75 Resp: 63030
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: 14.082 min Scan# 3963

Delta R.T. -0.004 min

Lab File: VU045588.D

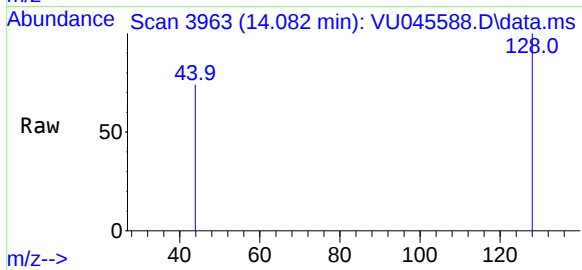
Acq: 06 Nov 2021 03:17

Instrument :

MSVOA_U

ClientSampleId :

TWP02



Tgt Ion:128 Resp: 433

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 13.0#

