

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045593.D
 Acq On : 06 Nov 2021 05:11
 Operator : SY/MD
 Sample : M4504-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP01-20211103

Quant Time: Nov 06 21:53:58 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)

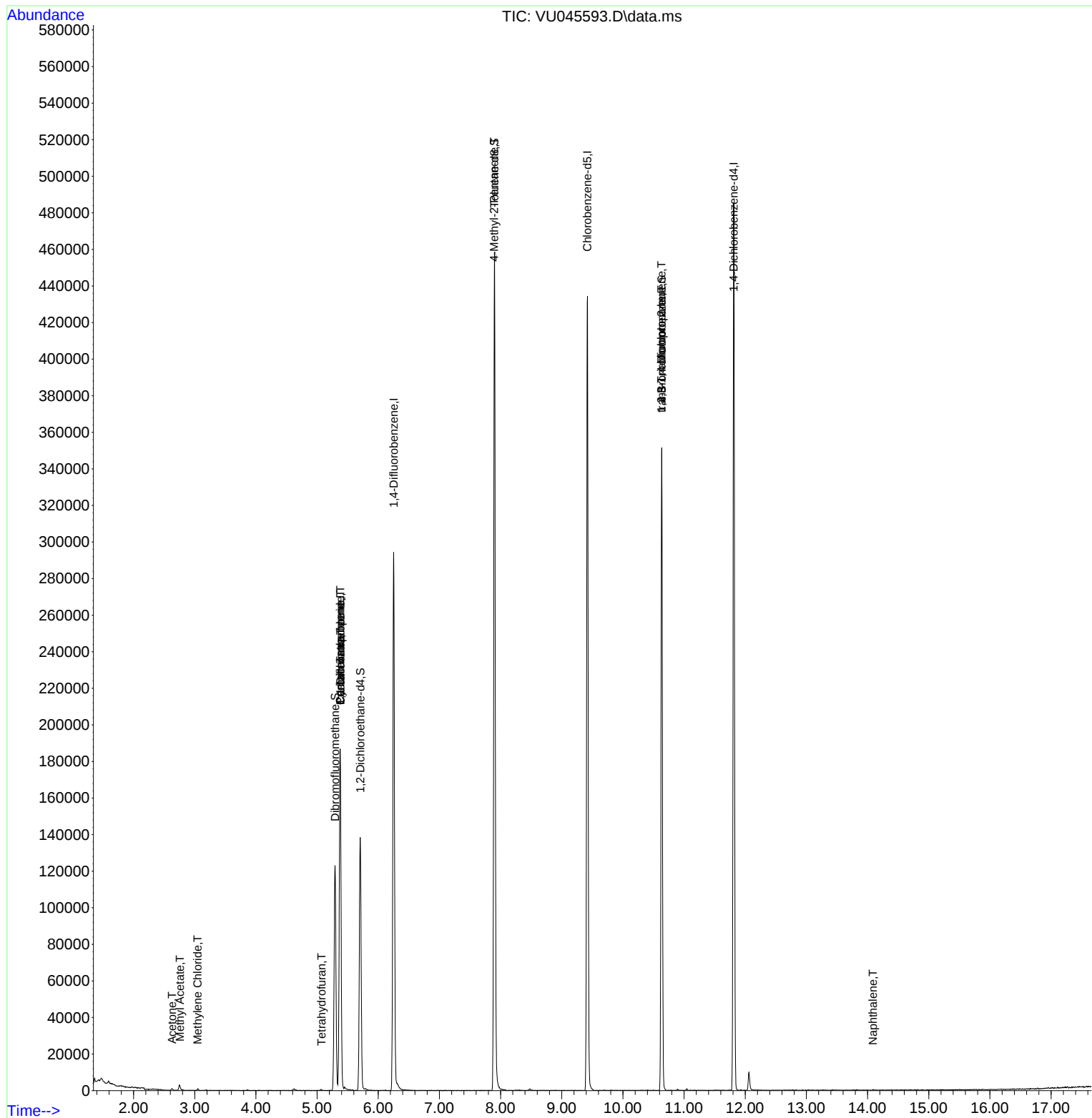
Internal Standards						
1) Pentafluorobenzene	5.378	168	121075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	235884	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	238025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	120060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	104620	57.698	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 115.400%	
35) Dibromofluoromethane	5.295	113	79479	50.467	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.940%	
50) Toluene-d8	7.899	98	305028	52.087	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.180%	
62) 4-Bromofluorobenzene	10.635	95	116240	49.500	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.000%	
Target Compounds						
					Qvalue	
16) Acetone	2.629	43	1172	1.270	ug/l #	82
18) Methyl Acetate	2.758	43	796	0.253	ug/l #	50
20) Methylene Chloride	3.047	84	355	0.221	ug/l	93
29) Tetrahydrofuran	5.073	42	321	0.410	ug/l #	50
31) Cyclohexane	5.378	56	2707	1.023	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	11293	4.910	ug/l #	49
38) Carbon Tetrachloride	5.378	117	12972	5.594	ug/l #	17
51) 4-Methyl-2-Pentanone	7.896	43	1199	0.450	ug/l #	1
76) 1,2,3-Trichloropropane	10.632	75	62905	17.277	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.632	75	62905	56.204	ug/l #	12
95) Naphthalene	14.089	128	202	1.049	ug/l #	69

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

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DUP01-20211103

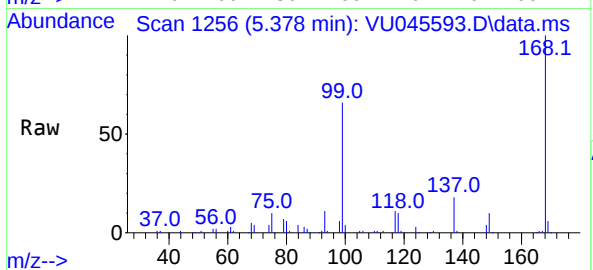
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration



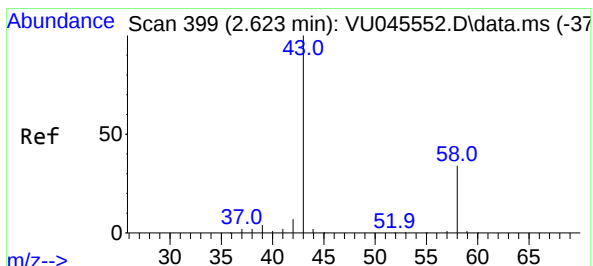
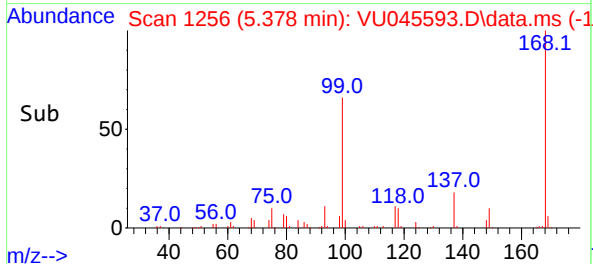
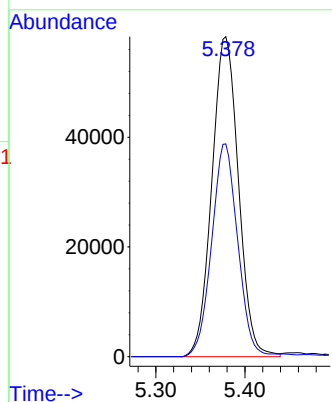


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045593.D
Acq: 06 Nov 2021 05:11

Instrument :
MSVOA_U
ClientSampleId :
DUP01-20211103

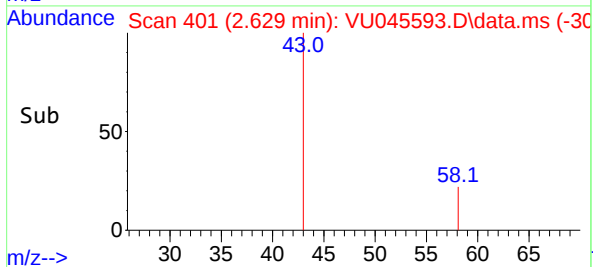
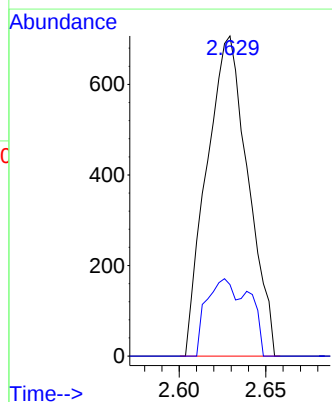
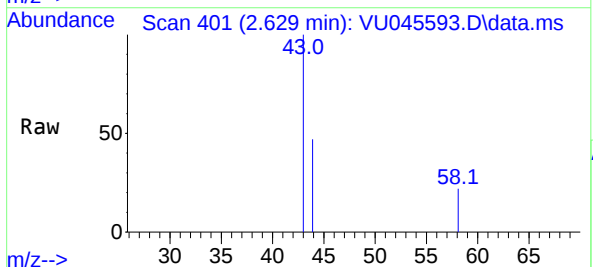


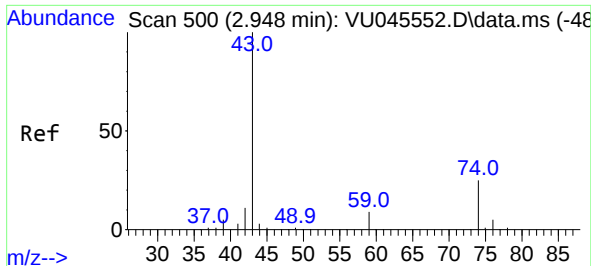
Tgt Ion:168 Resp: 121075
Ion Ratio Lower Upper
168 100
99 66.5 51.0 76.6



#16
Acetone
Concen: 1.270 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.006 min
Lab File: VU045593.D
Acq: 06 Nov 2021 05:11

Tgt Ion: 43 Resp: 1172
Ion Ratio Lower Upper
43 100
58 22.3 26.2 39.2#

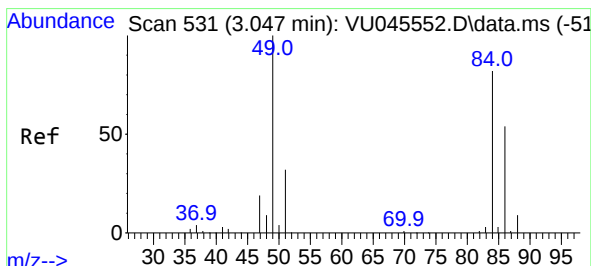
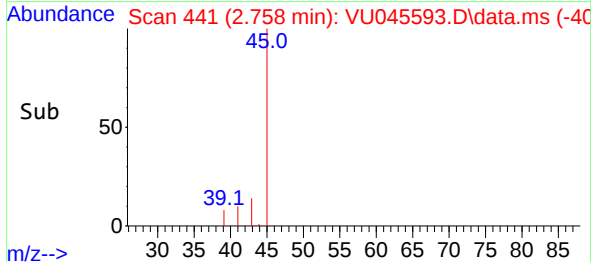
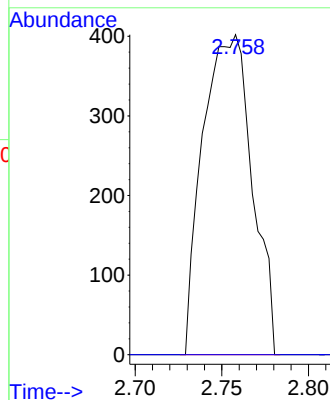
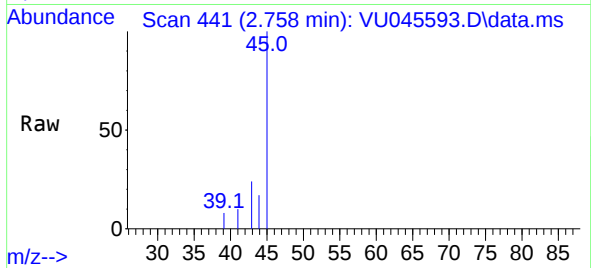




#18
Methyl Acetate
Concen: 0.253 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.190 min
Lab File: VU045593.D
Acq: 06 Nov 2021 05:11

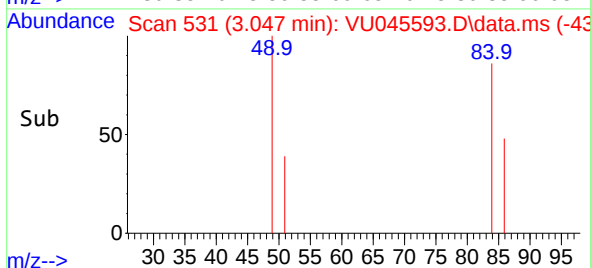
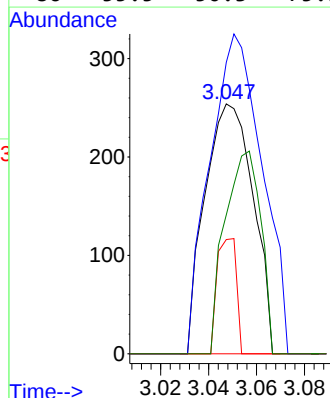
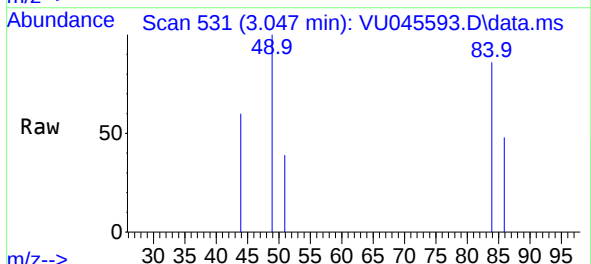
Instrument :
MSVOA_U
ClientSampleId :
DUP01-20211103

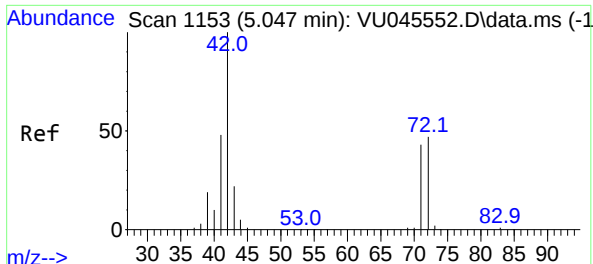
Tgt Ion: 43 Resp: 796
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 0.221 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU045593.D
Acq: 06 Nov 2021 05:11

Tgt Ion: 84 Resp: 355
Ion Ratio Lower Upper
84 100
49 116.5 96.4 144.6
51 45.7 30.5 45.7
86 55.5 50.3 75.5

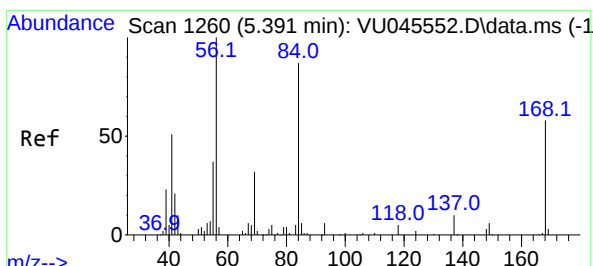
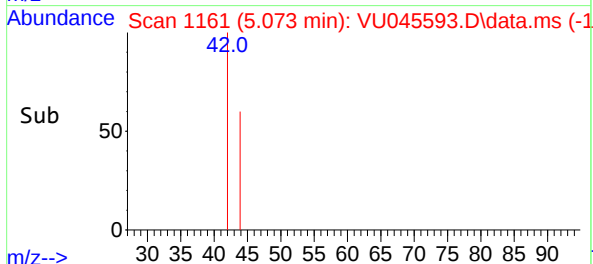
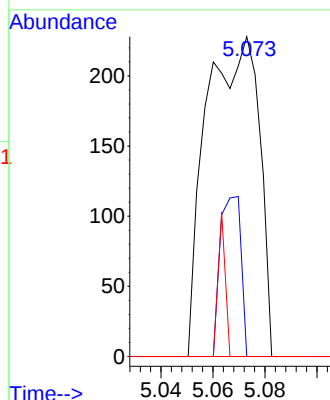
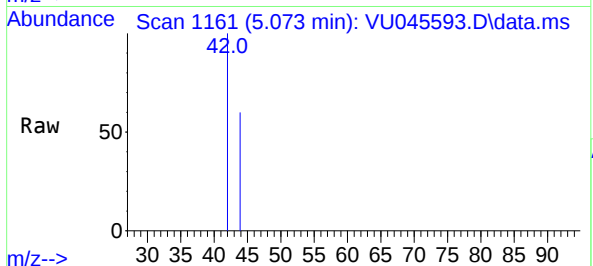




#29
Tetrahydrofuran
Concen: 0.410 ug/l
RT: 5.073 min Scan# 1153
Delta R.T. 0.026 min
Lab File: VU045593.D
Acq: 06 Nov 2021 05:11

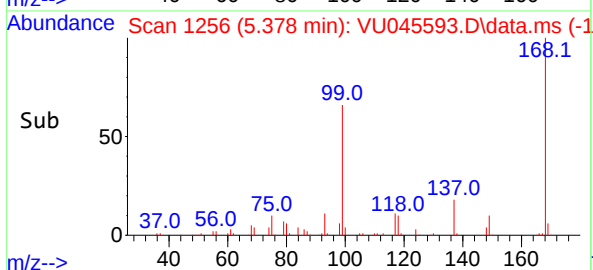
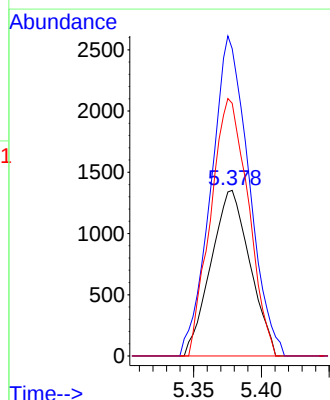
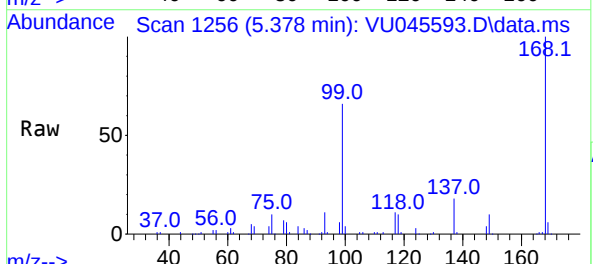
Instrument :
MSVOA_U
ClientSampleId :
DUP01-20211103

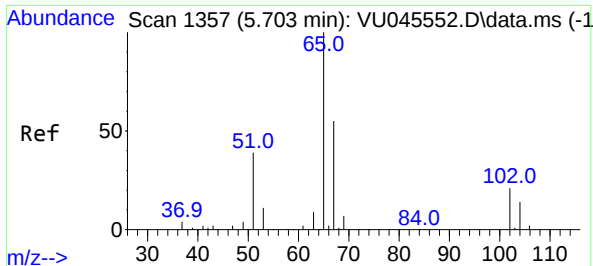
Tgt Ion:	42	Resp:	321
Ion	Ratio	Lower	Upper
42	100		
72	19.6	38.2	57.4#
71	6.2	35.4	53.2#



#31
Cyclohexane
Concen: 1.023 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.013 min
Lab File: VU045593.D
Acq: 06 Nov 2021 05:11

Tgt Ion:	56	Resp:	2707
Ion	Ratio	Lower	Upper
56	100		
69	185.4	26.4	39.6#
84	152.5	68.4	102.6#





#33

1,2-Dichloroethane-d4

Concen: 57.698 ug/l

RT: 5.706 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045593.D

Acq: 06 Nov 2021 05:11

Instrument :

MSVOA_U

ClientSampleId :

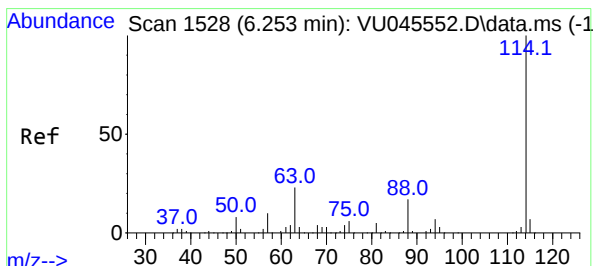
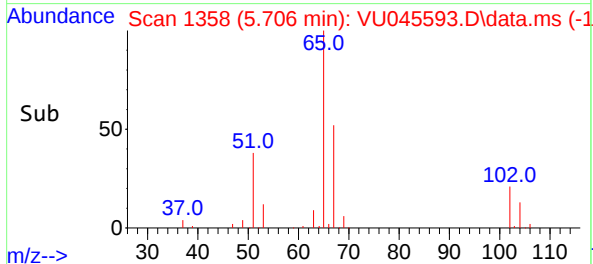
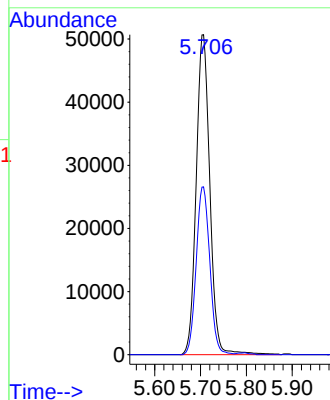
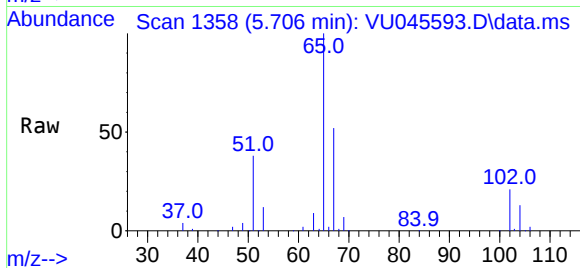
DUP01-20211103

Tgt Ion: 65 Resp: 104620

Ion Ratio Lower Upper

65 100

67 52.3 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: VU045593.D

Acq: 06 Nov 2021 05:11

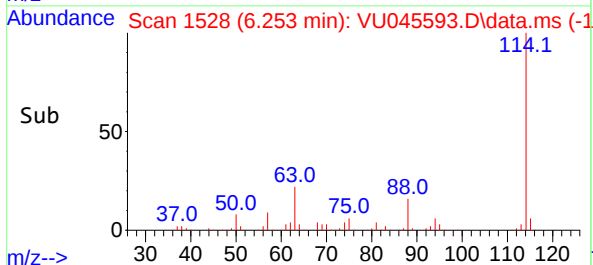
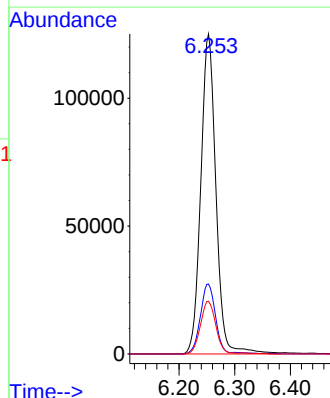
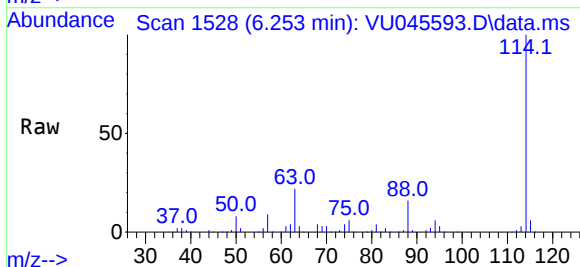
Tgt Ion: 114 Resp: 235884

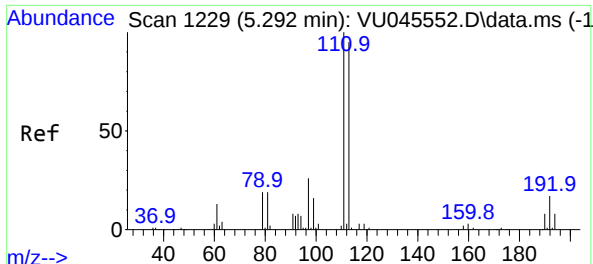
Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.6

88 16.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.467 ug/l

RT: 5.295 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045593.D

Acq: 06 Nov 2021 05:11

Instrument :

MSVOA_U

ClientSampleId :

DUP01-20211103

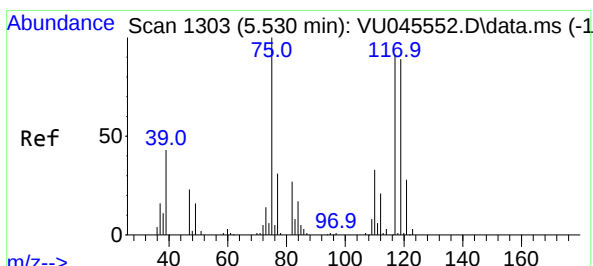
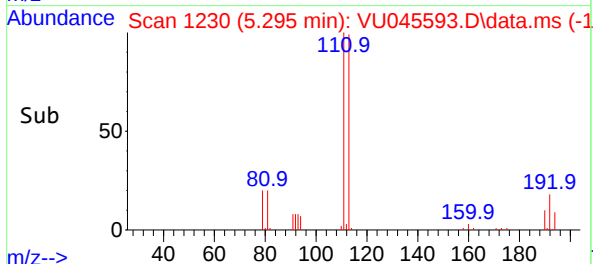
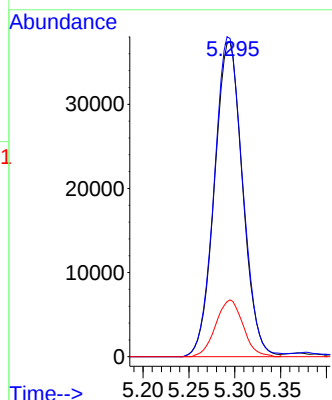
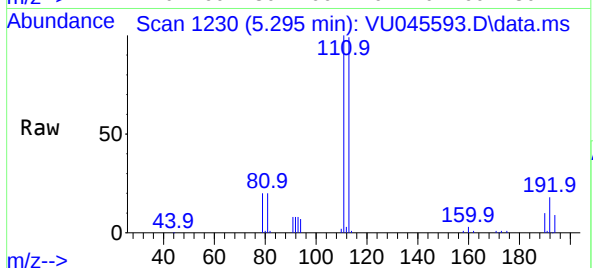
Tgt Ion:113 Resp: 79479

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 17.6 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.910 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.151 min

Lab File: VU045593.D

Acq: 06 Nov 2021 05:11

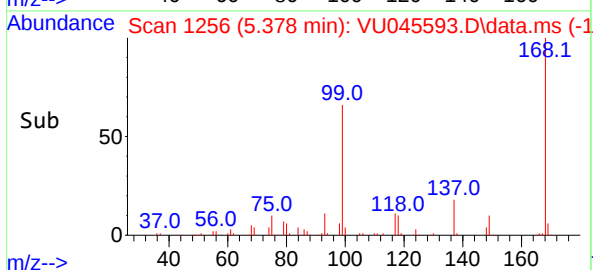
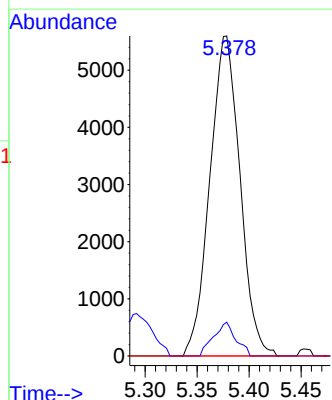
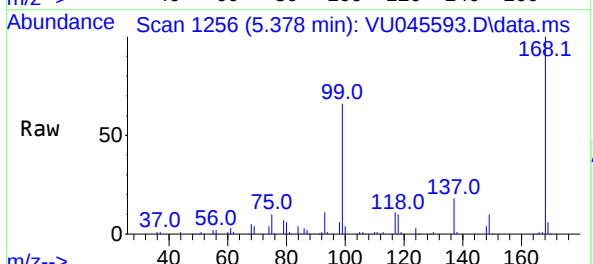
Tgt Ion: 75 Resp: 11293

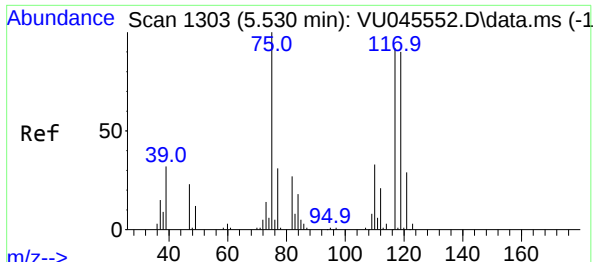
Ion Ratio Lower Upper

75 100

110 7.8 16.7 50.0#

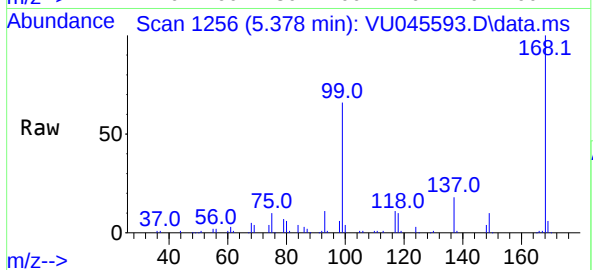
77 0.0 25.0 37.4#



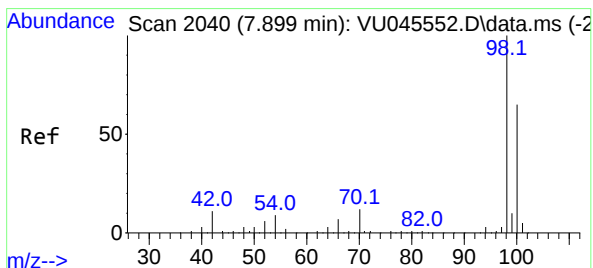
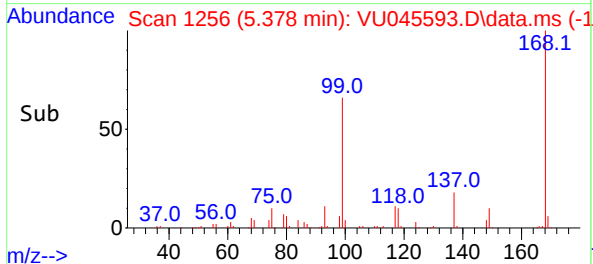
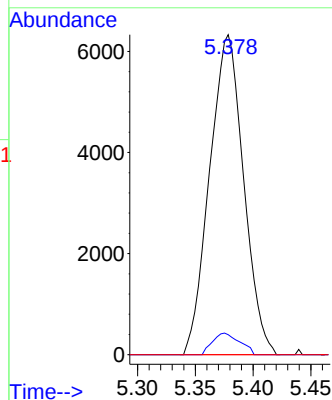


#38
Carbon Tetrachloride
Concen: 5.594 ug/l
RT: 5.378 min Scan# 117
Delta R.T. -0.151 min
Lab File: VU045593.D
Acq: 06 Nov 2021 05:11

Instrument :
MSVOA_U
ClientSampleId :
DUP01-20211103

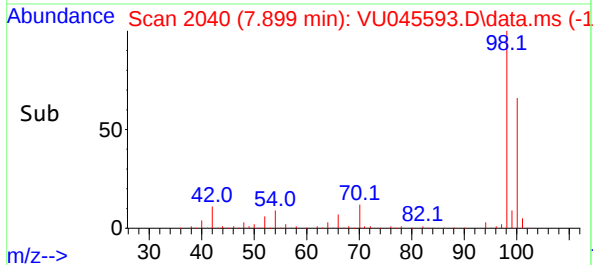
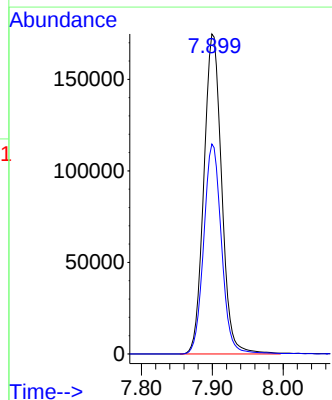
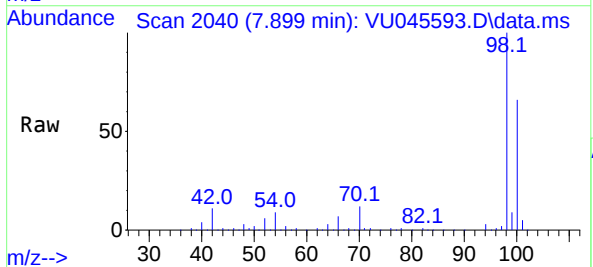


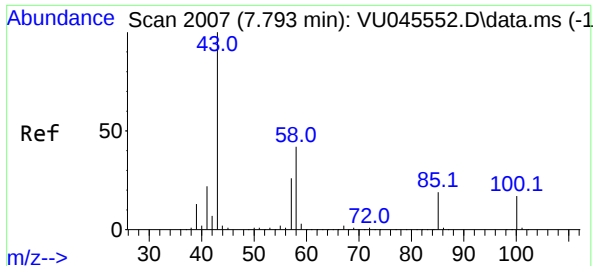
Tgt Ion:117 Resp: 12972
Ion Ratio Lower Upper
117 100
119 6.3 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.087 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045593.D
Acq: 06 Nov 2021 05:11

Tgt Ion: 98 Resp: 305028
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.450 ug/l

RT: 7.896 min Scan# 2007

Delta R.T. 0.103 min

Lab File: VU045593.D

Acq: 06 Nov 2021 05:11

Instrument :

MSVOA_U

ClientSampleId :

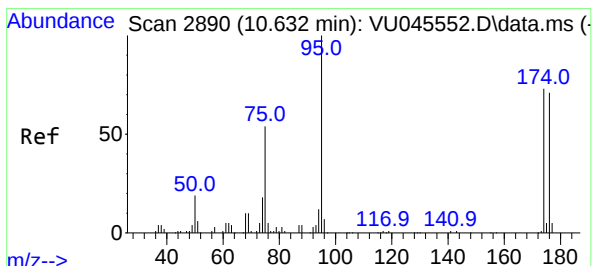
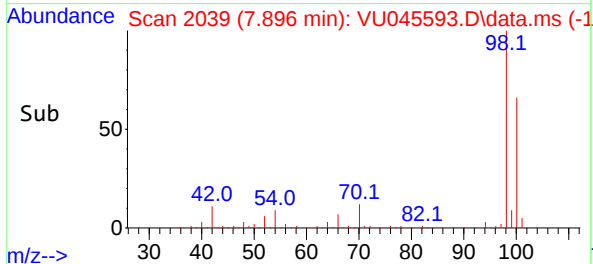
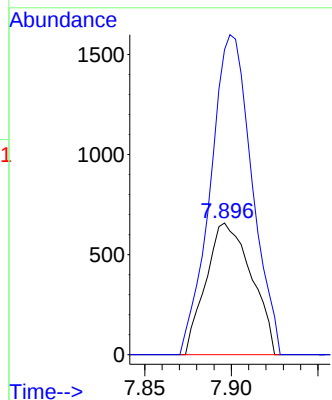
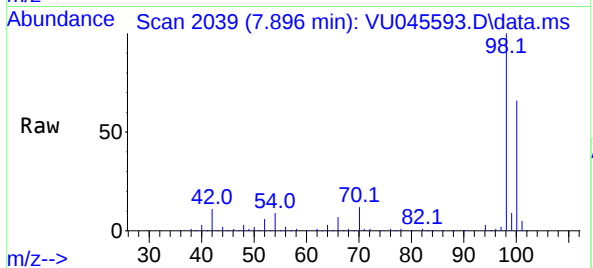
DUP01-20211103

Tgt Ion: 43 Resp: 1199

Ion Ratio Lower Upper

43 100

58 222.7 33.8 50.8#



#62

4-Bromofluorobenzene

Concen: 49.500 ug/l

RT: 10.635 min Scan# 2891

Delta R.T. 0.003 min

Lab File: VU045593.D

Acq: 06 Nov 2021 05:11

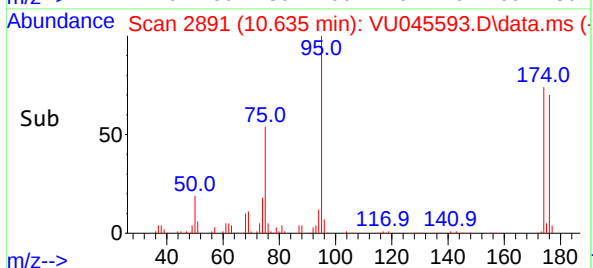
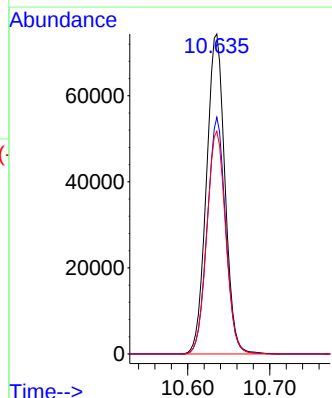
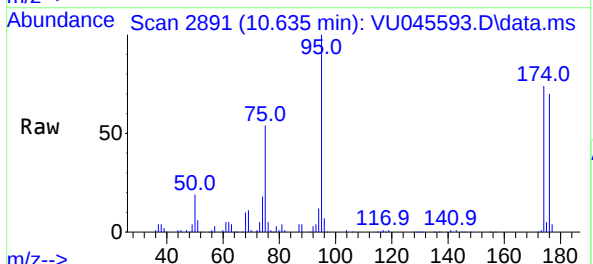
Tgt Ion: 95 Resp: 116240

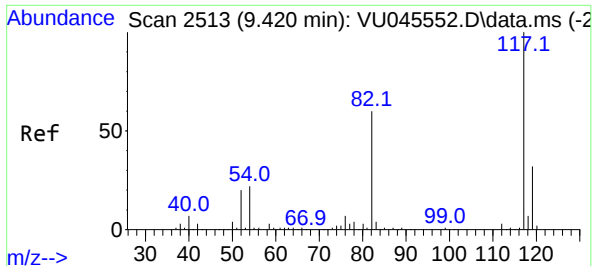
Ion Ratio Lower Upper

95 100

174 73.6 0.0 141.8

176 70.8 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: VU045593.D

Acq: 06 Nov 2021 05:11

Instrument :

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DUP01-20211103

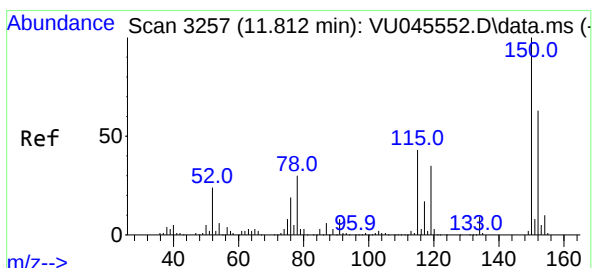
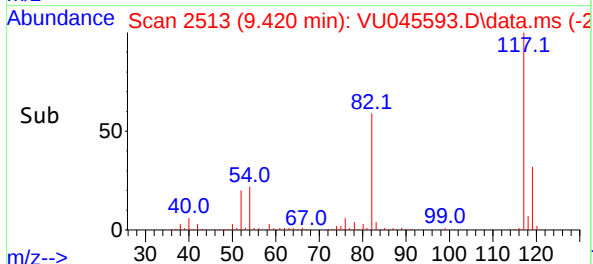
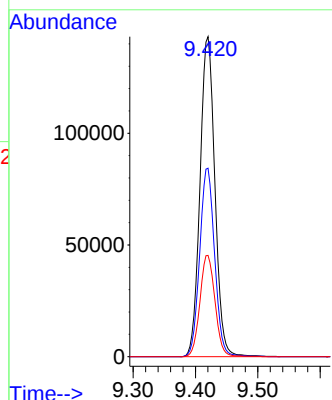
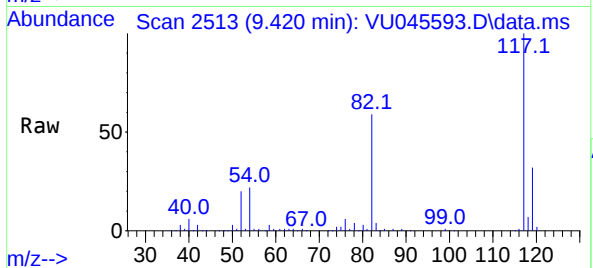
Tgt Ion:117 Resp: 238025

Ion Ratio Lower Upper

117 100

82 58.9 47.8 71.8

119 31.7 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: VU045593.D

Acq: 06 Nov 2021 05:11

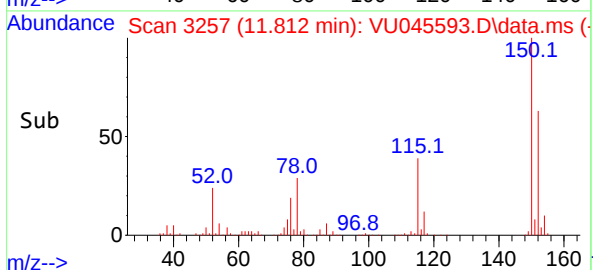
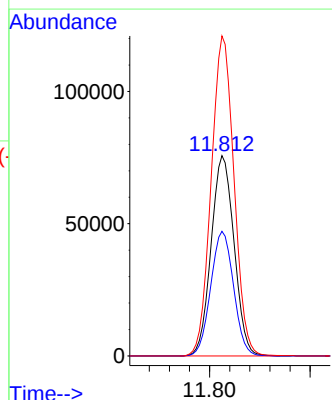
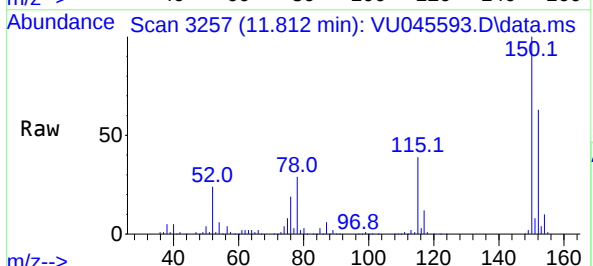
Tgt Ion:152 Resp: 120060

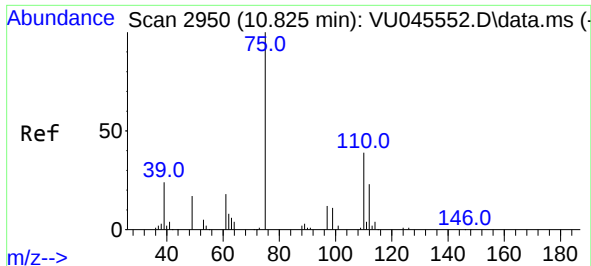
Ion Ratio Lower Upper

152 100

115 61.9 42.7 128.1

150 158.8 0.0 346.8

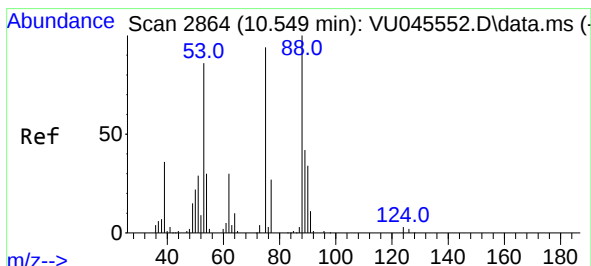
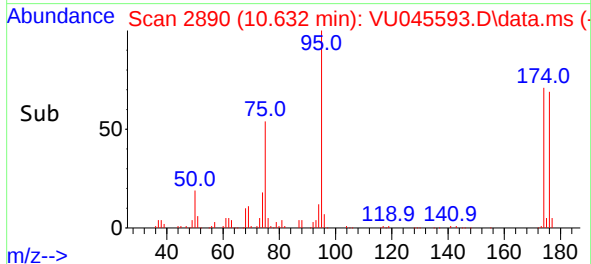
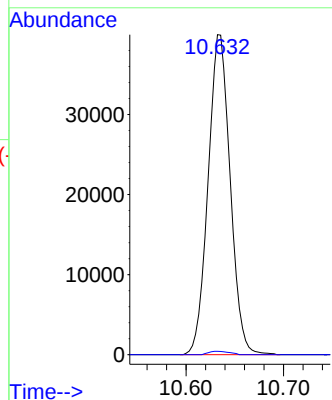
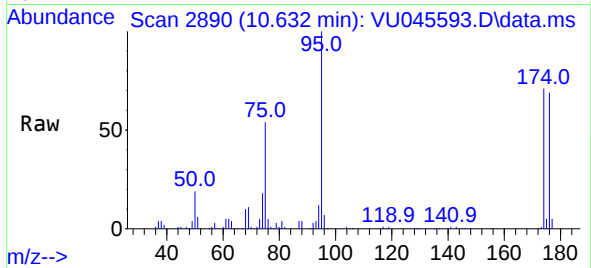




#76
1,2,3-Trichloropropane
Concen: 17.277 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.193 min
Lab File: VU045593.D
Acq: 06 Nov 2021 05:11

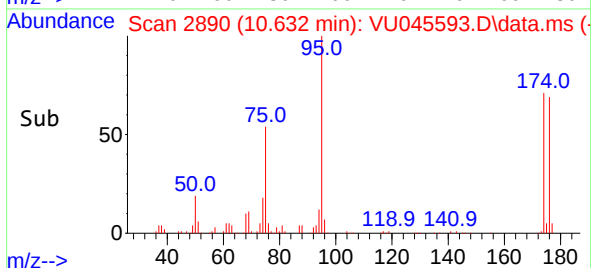
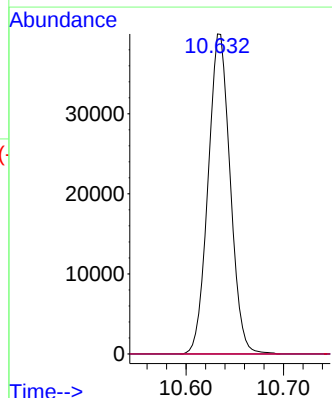
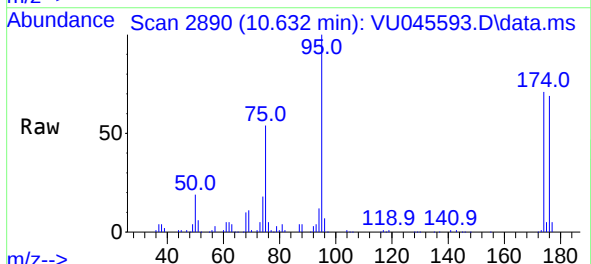
Instrument :
MSVOA_U
ClientSampleId :
DUP01-20211103

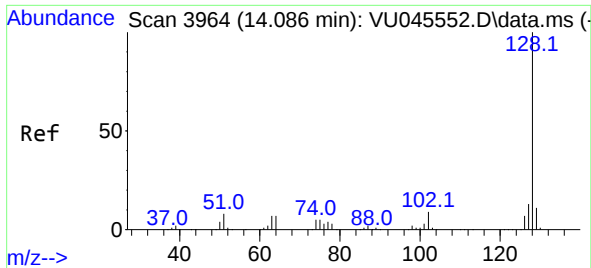
Tgt Ion: 75 Resp: 62905
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.204 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.083 min
Lab File: VU045593.D
Acq: 06 Nov 2021 05:11

Tgt Ion: 75 Resp: 62905
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.049 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VU045593.D

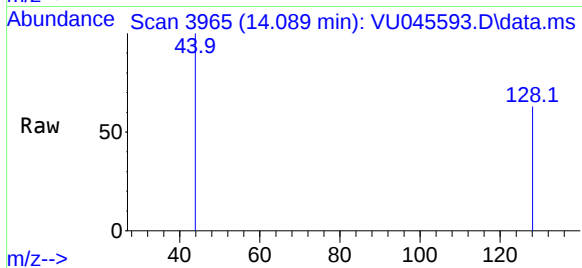
Acq: 06 Nov 2021 05:11

Instrument :

MSVOA_U

ClientSampleId :

DUP01-20211103



Tgt Ion:128 Resp: 202

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 13.0#

