

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033022\
 Data File : VX027807.D
 Acq On : 30 Mar 2022 13:53
 Operator : JC/MD
 Sample : N2041-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20220317

Quant Time: Mar 31 05:48:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

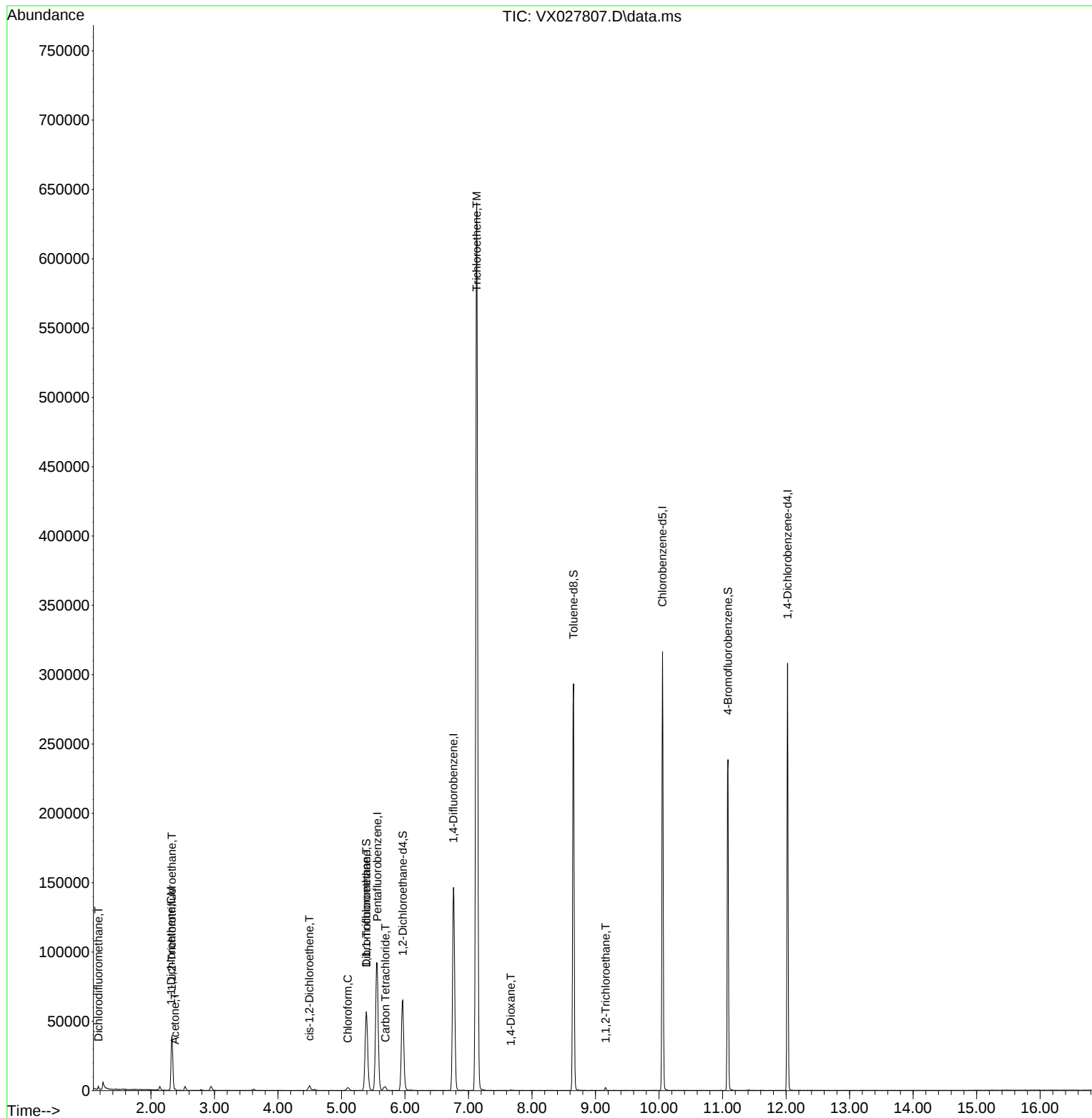
Internal Standards						
1) Pentafluorobenzene	5.562	168	84564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	139480	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	67699	62.046	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 124.100%	
35) Dibromofluoromethane	5.391	113	48991	54.416	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 108.840%	
50) Toluene-d8	8.653	98	168395	53.160	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.320%	
62) 4-Bromofluorobenzene	11.085	95	66604	49.477	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.960%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	1144	1.493	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	12712	16.054	ug/l	98
12) 1,1-Dichloroethene	2.319	96	4203	5.785	ug/l	93
16) Acetone	2.380	43	937	1.940	ug/l #	81
27) cis-1,2-Dichloroethene	4.495	96	2308	2.427	ug/l	89
30) Chloroform	5.099	83	2746	1.643	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	609	0.421	ug/l #	50
38) Carbon Tetrachloride	5.690	117	2614	2.087	ug/l	95
44) Trichloroethene	7.129	130	221373	237.048	ug/l	85
49) 1,4-Dioxane	7.665	88	271	11.626	ug/l #	75
55) 1,1,2-Trichloroethane	9.159	97	692	0.721	ug/l #	87

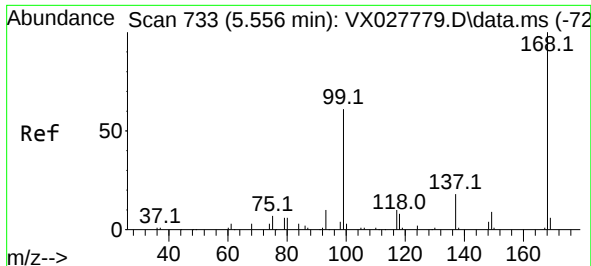
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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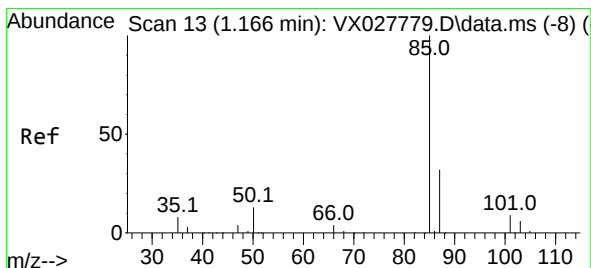
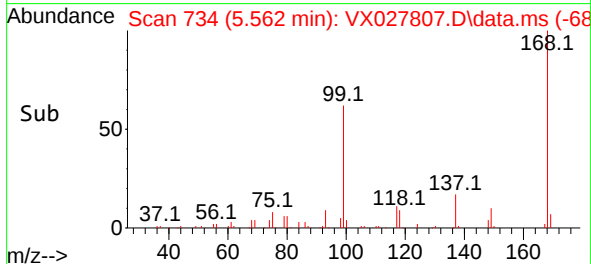
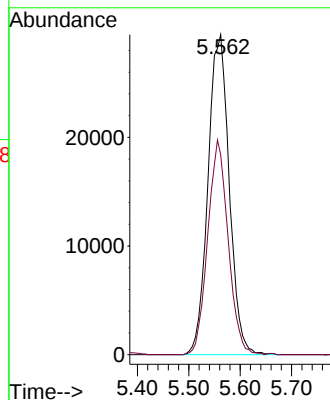
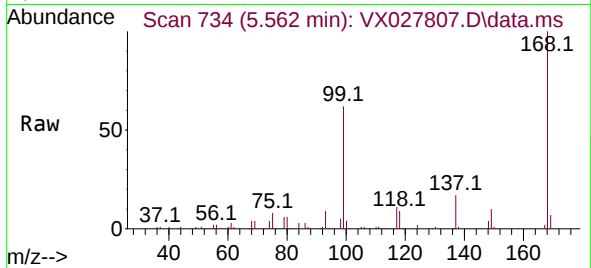




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX027807.D
Acq: 30 Mar 2022 13:53

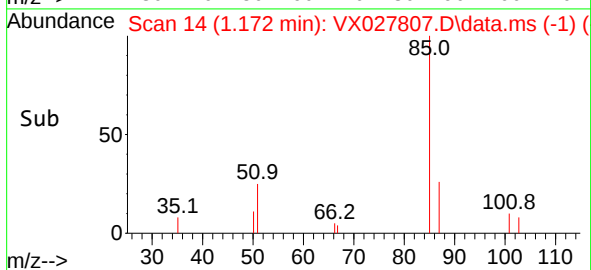
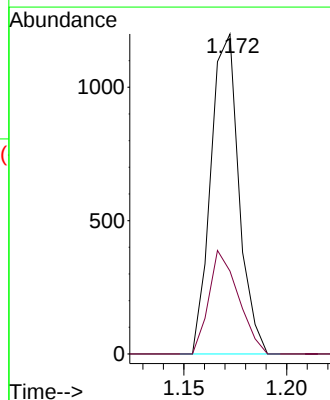
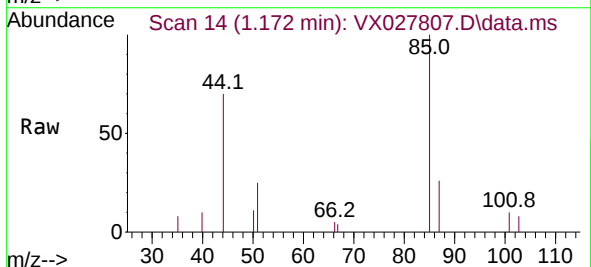
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220317

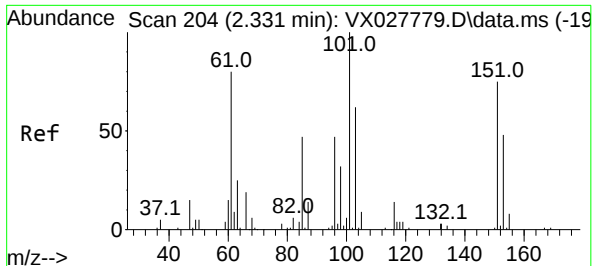
Tgt Ion:168 Resp: 84564
Ion Ratio Lower Upper
168 100
99 62.4 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 1.493 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX027807.D
Acq: 30 Mar 2022 13:53

Tgt Ion: 85 Resp: 1144
Ion Ratio Lower Upper
85 100
87 25.9 16.2 48.6

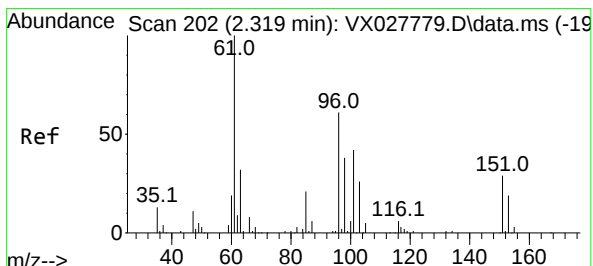
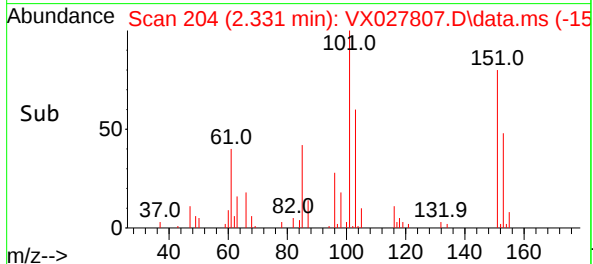
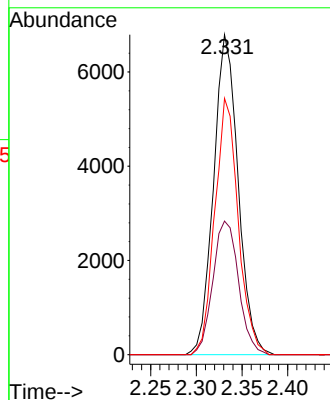
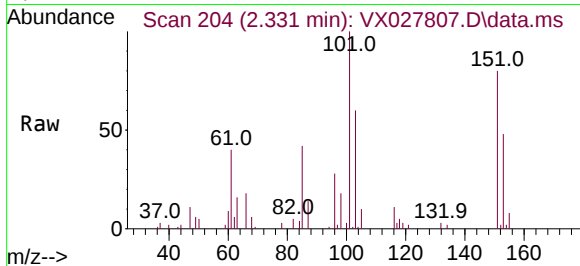




#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.054 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX027807.D
Acq: 30 Mar 2022 13:53

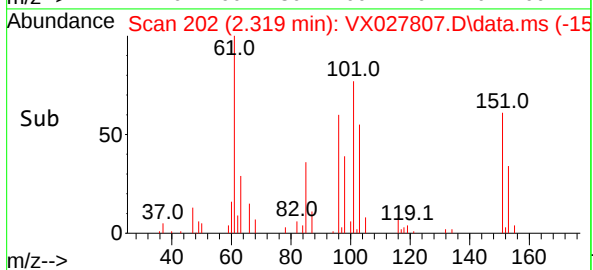
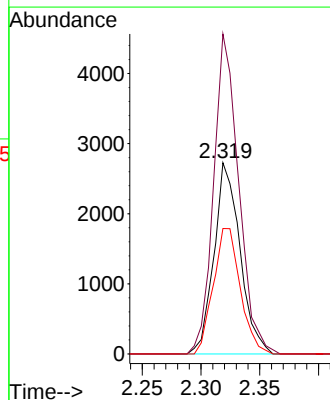
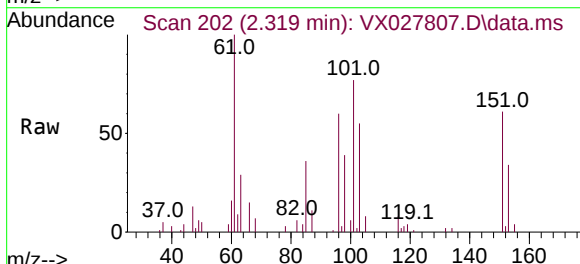
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220317

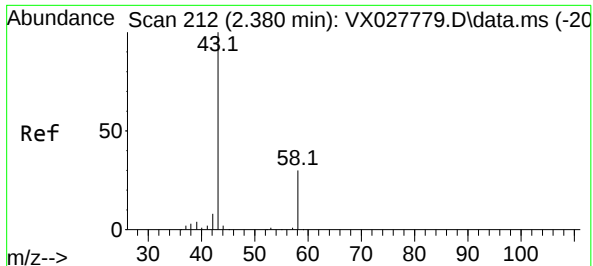
Tgt Ion:101 Resp: 12712
Ion Ratio Lower Upper
101 100
85 43.6 33.5 50.3
151 76.2 61.8 92.6



#12
1,1-Dichloroethene
Concen: 5.785 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX027807.D
Acq: 30 Mar 2022 13:53

Tgt Ion: 96 Resp: 4203
Ion Ratio Lower Upper
96 100
61 167.4 124.6 187.0
98 65.6 51.0 76.4

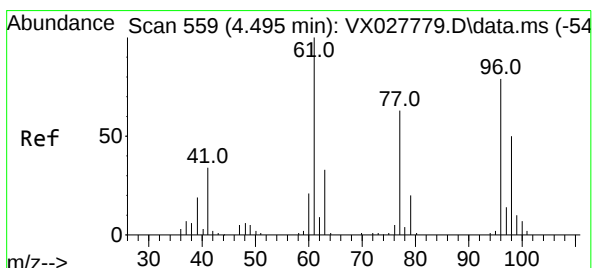
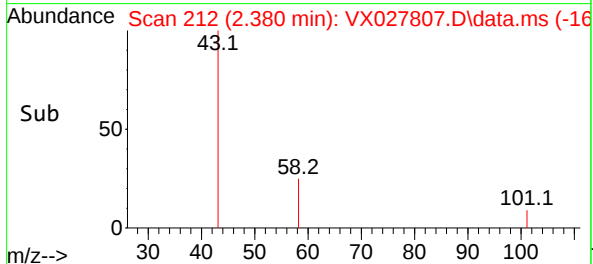
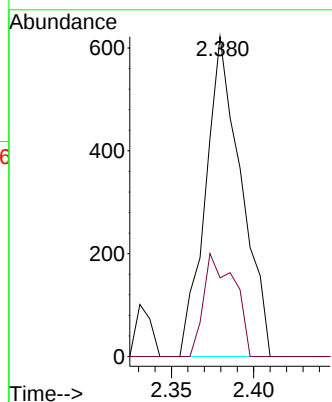
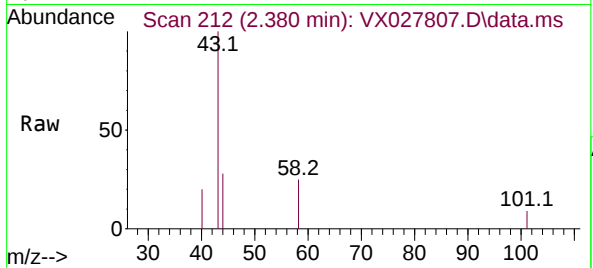




#16
Acetone
Concen: 1.940 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027807.D
Acq: 30 Mar 2022 13:53

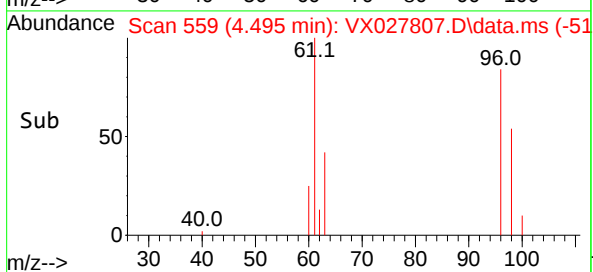
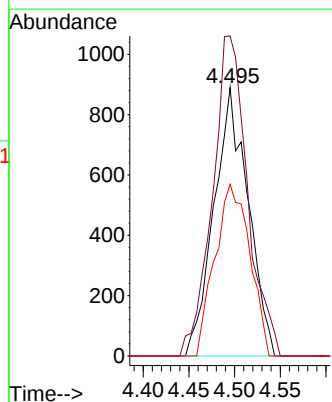
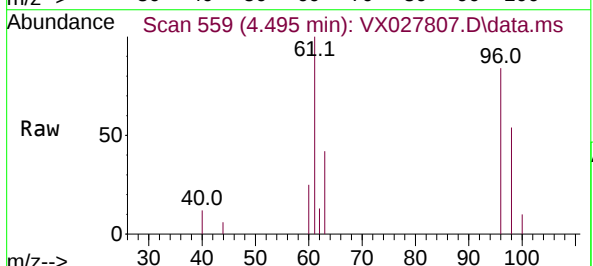
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220317

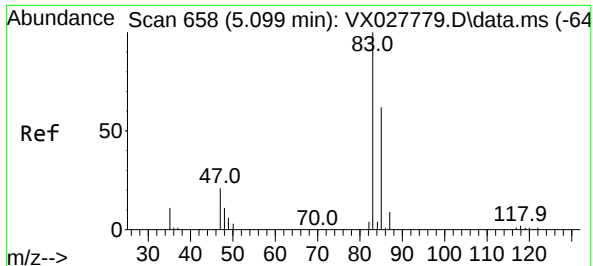
Tgt Ion: 43 Resp: 937
Ion Ratio Lower Upper
43 100
58 24.6 28.8 43.2#



#27
cis-1,2-Dichloroethene
Concen: 2.427 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX027807.D
Acq: 30 Mar 2022 13:53

Tgt Ion: 96 Resp: 2308
Ion Ratio Lower Upper
96 100
61 122.5 0.0 283.8
98 65.5 0.0 129.8





#30

Chloroform

Concen: 1.643 ug/l

RT: 5.099 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX027807.D

Acq: 30 Mar 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

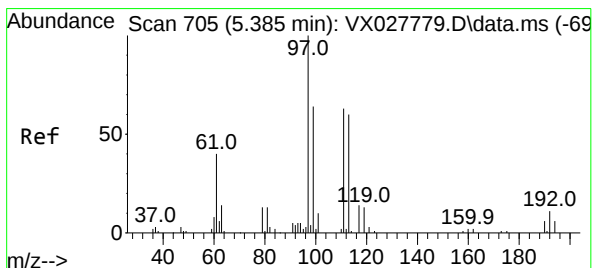
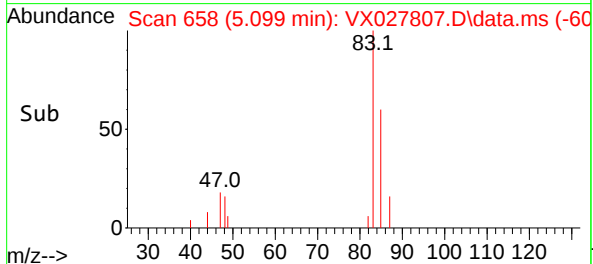
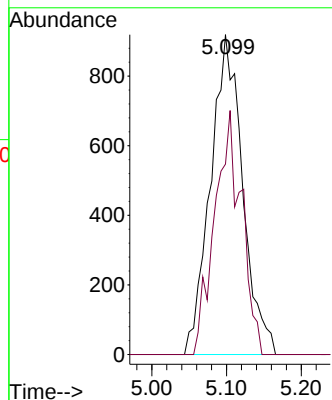
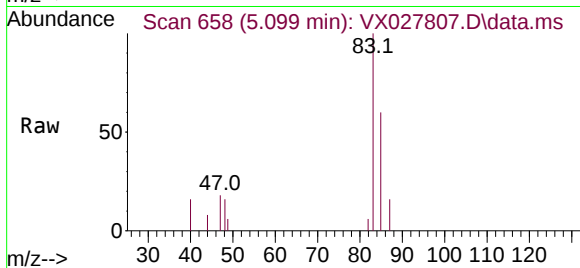
DUP02-20220317

Tgt Ion: 83 Resp: 2746

Ion Ratio Lower Upper

83 100

85 59.5 52.7 79.1



#32

1,1,1-Trichloroethane

Concen: 0.421 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX027807.D

Acq: 30 Mar 2022 13:53

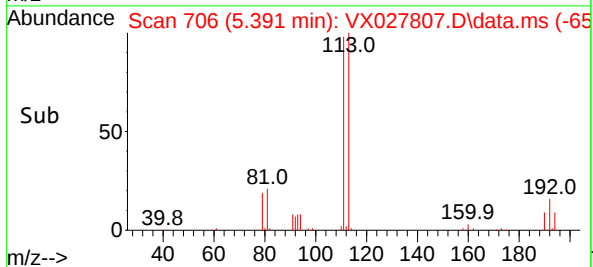
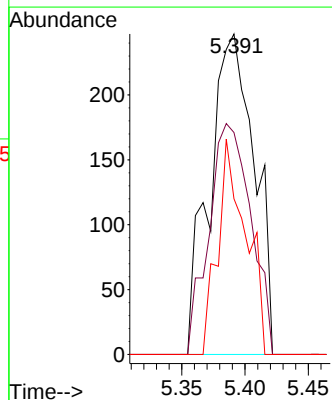
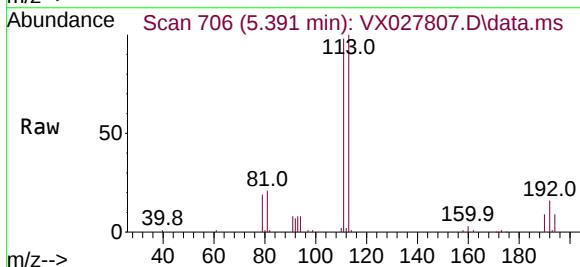
Tgt Ion: 97 Resp: 609

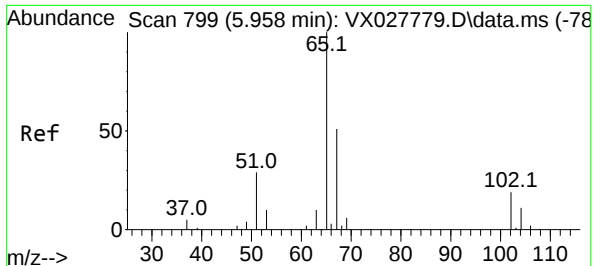
Ion Ratio Lower Upper

97 100

99 0.0 51.8 77.6#

61 42.0 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 62.046 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX027807.D

Acq: 30 Mar 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

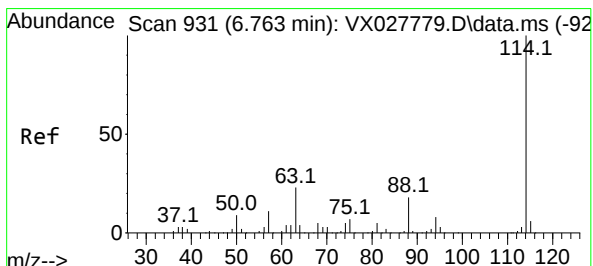
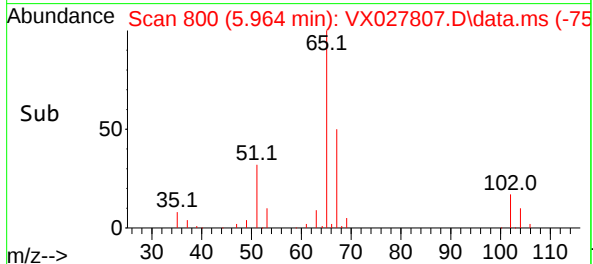
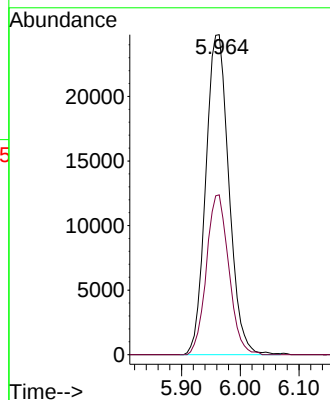
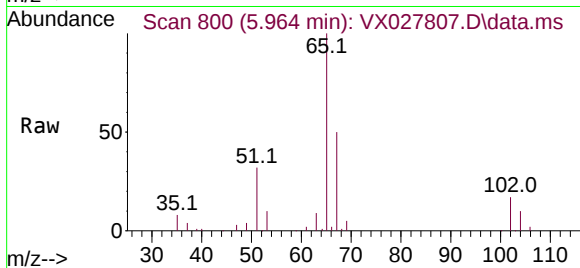
DUP02-20220317

Tgt Ion: 65 Resp: 67699

Ion Ratio Lower Upper

65 100

67 48.4 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX027807.D

Acq: 30 Mar 2022 13:53

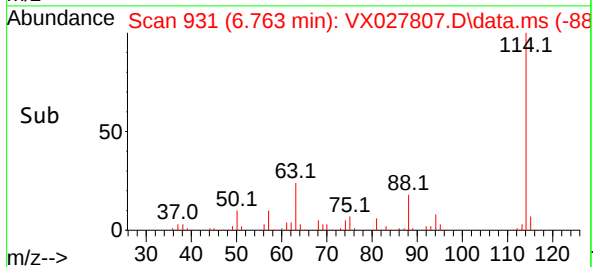
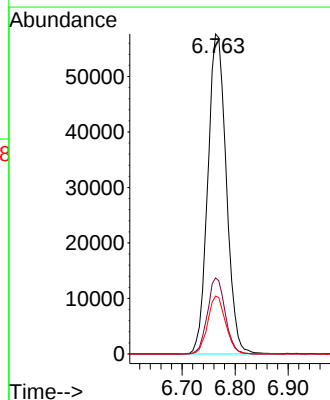
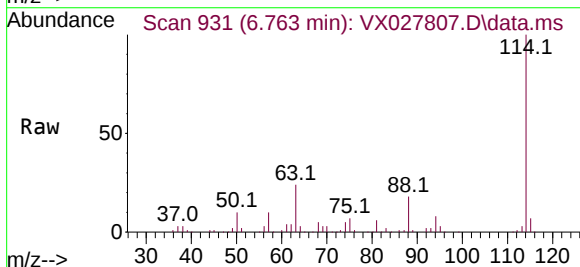
Tgt Ion: 114 Resp: 139480

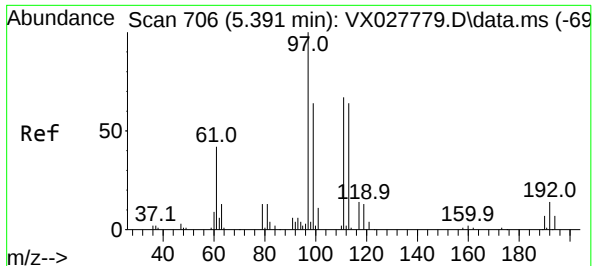
Ion Ratio Lower Upper

114 100

63 23.7 0.0 36.8

88 18.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 54.416 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027807.D

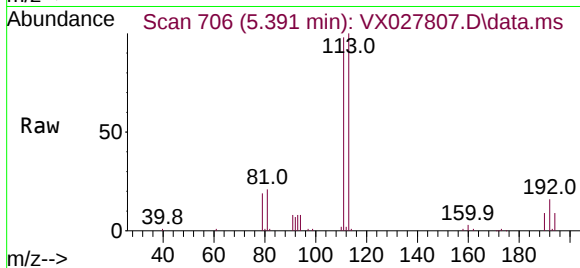
Acq: 30 Mar 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20220317



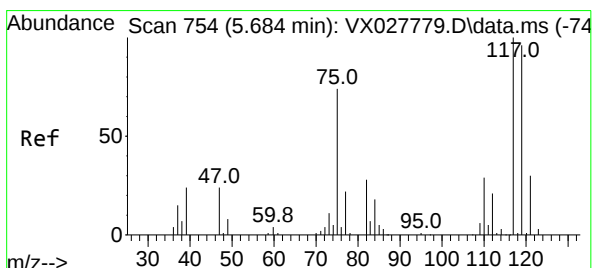
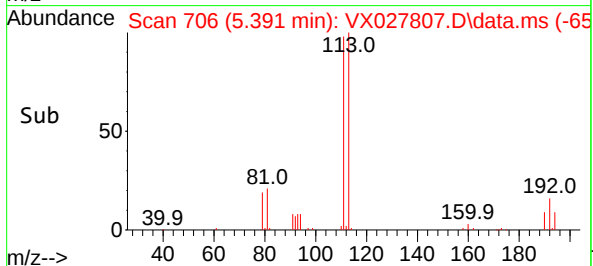
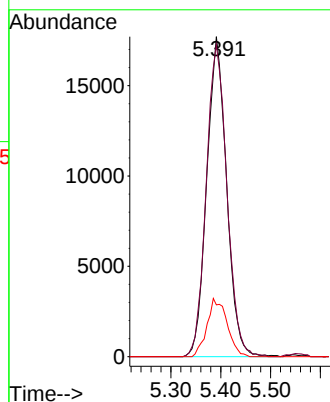
Tgt Ion:113 Resp: 48991

Ion Ratio Lower Upper

113 100

111 101.8 82.8 124.2

192 18.4 16.9 25.3



#38

Carbon Tetrachloride

Concen: 2.087 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX027807.D

Acq: 30 Mar 2022 13:53

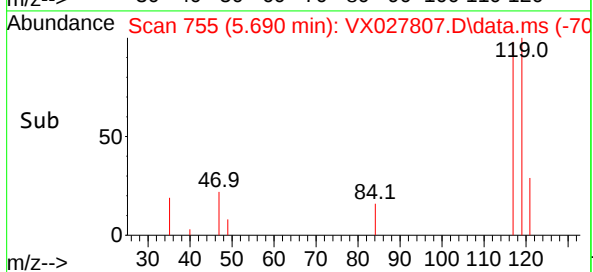
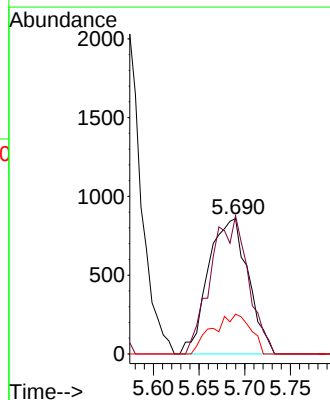
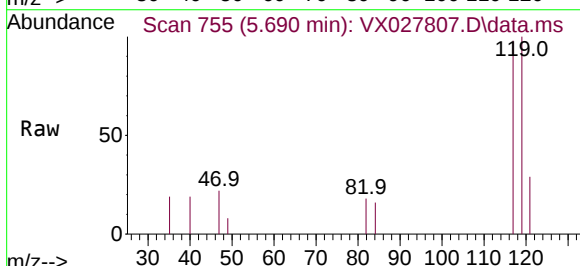
Tgt Ion:117 Resp: 2614

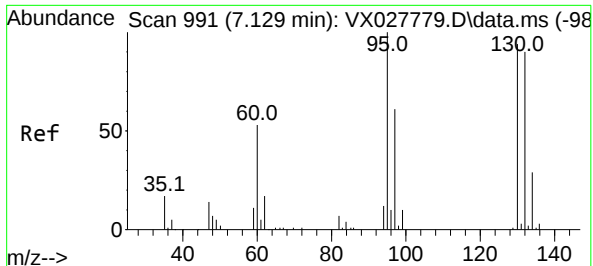
Ion Ratio Lower Upper

117 100

119 102.1 77.3 115.9

121 29.5 24.2 36.2

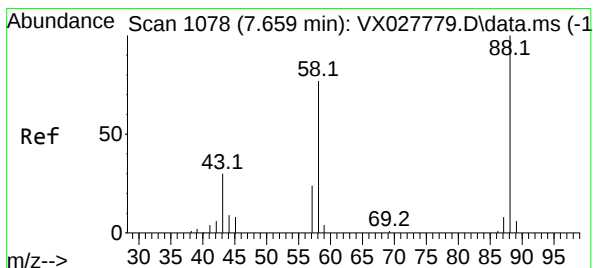
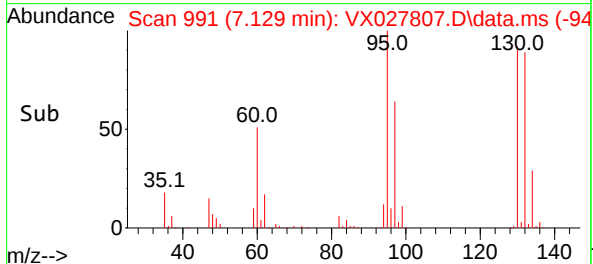
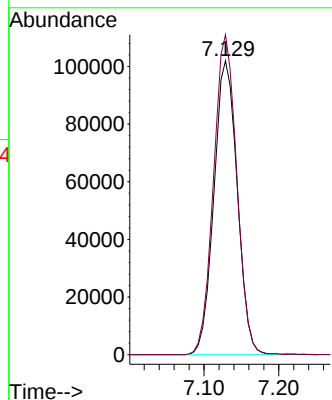
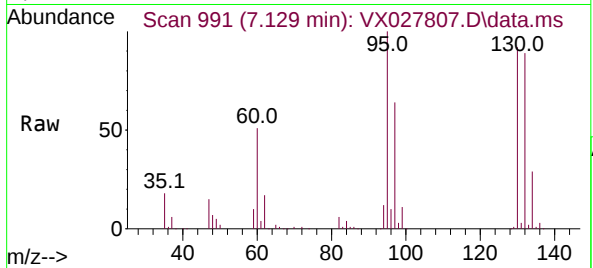




#44
Trichloroethene
Concen: 237.048 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027807.D
Acq: 30 Mar 2022 13:53

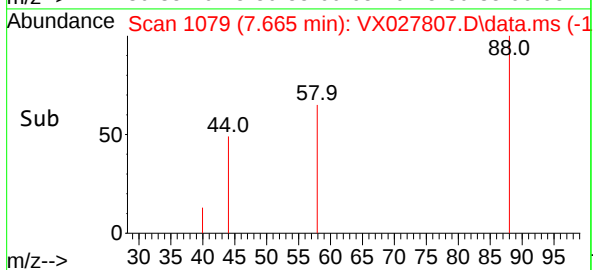
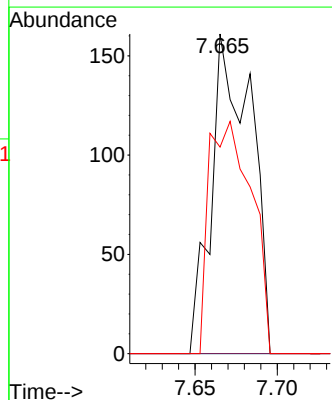
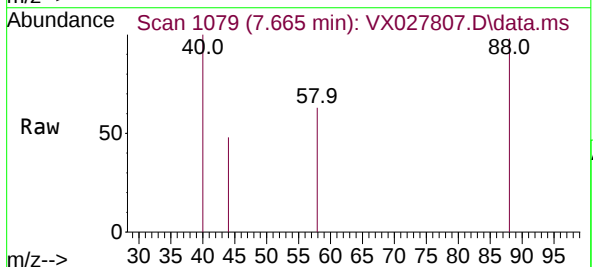
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220317

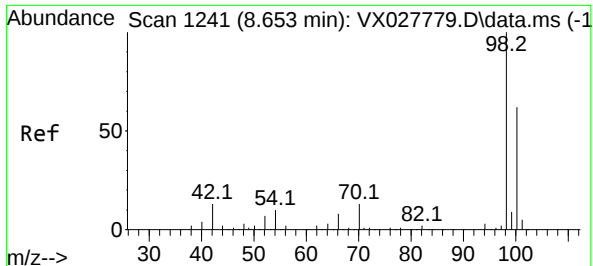
Tgt Ion:130 Resp: 221373
Ion Ratio Lower Upper
130 100
95 108.9 0.0 188.8



#49
1,4-Dioxane
Concen: 11.626 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VX027807.D
Acq: 30 Mar 2022 13:53

Tgt Ion: 88 Resp: 271
Ion Ratio Lower Upper
88 100
43 0.0 21.9 32.9#
58 78.2 53.7 80.5

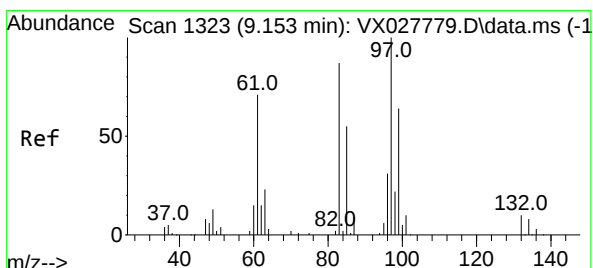
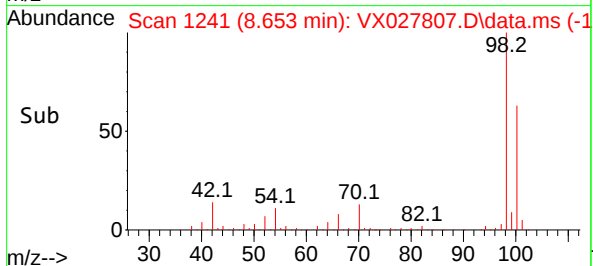
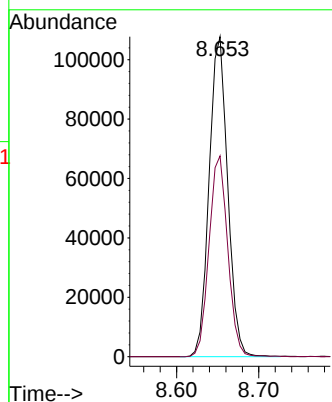
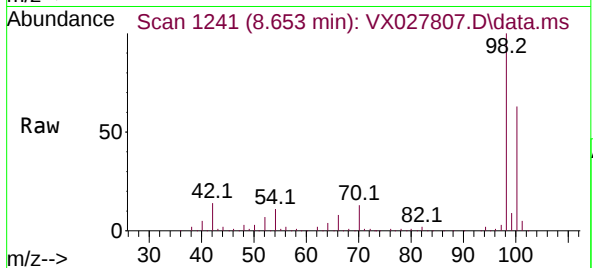




#50
Toluene-d8
Concen: 53.160 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027807.D
Acq: 30 Mar 2022 13:53

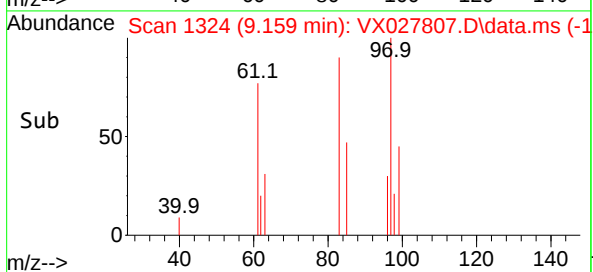
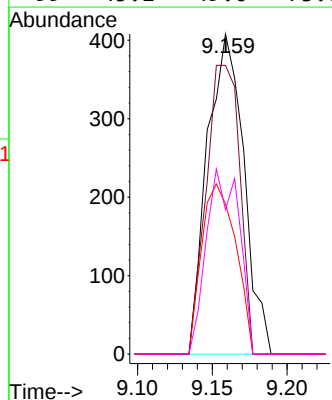
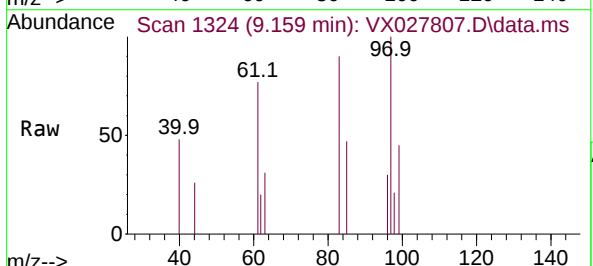
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220317

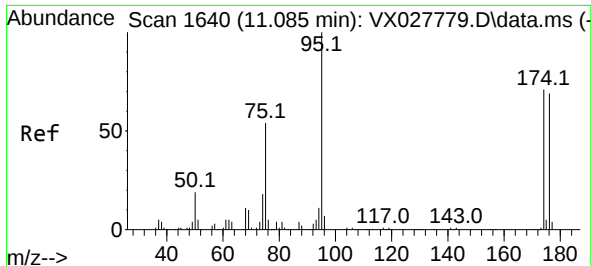
Tgt Ion: 98 Resp: 168395
Ion Ratio Lower Upper
98 100
100 63.4 52.6 78.8



#55
1,1,2-Trichloroethane
Concen: 0.721 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX027807.D
Acq: 30 Mar 2022 13:53

Tgt Ion: 97 Resp: 692
Ion Ratio Lower Upper
97 100
83 90.2 66.2 99.4
85 46.8 42.9 64.3
99 45.1 49.0 73.6#





#62

4-Bromofluorobenzene

Concen: 49.477 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027807.D

Acq: 30 Mar 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20220317

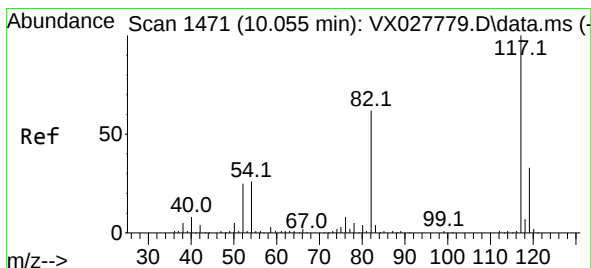
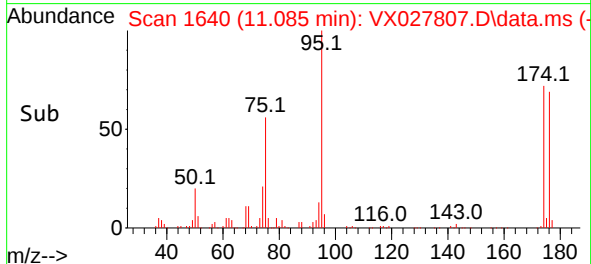
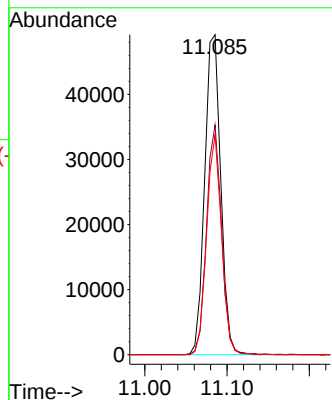
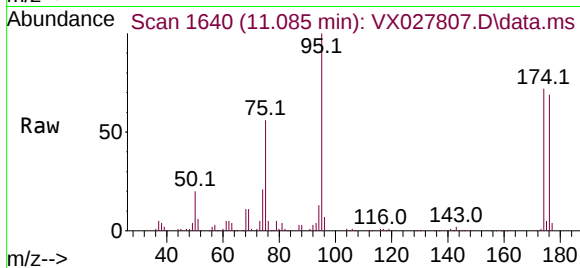
Tgt Ion: 95 Resp: 66604

Ion Ratio Lower Upper

95 100

174 67.2 0.0 163.0

176 63.6 0.0 155.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX027807.D

Acq: 30 Mar 2022 13:53

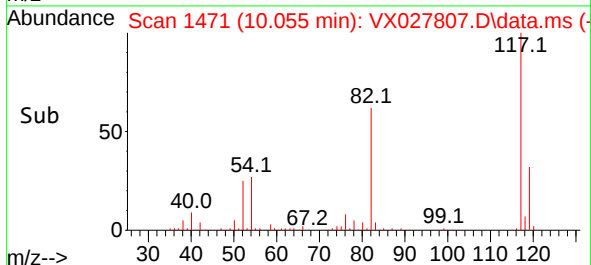
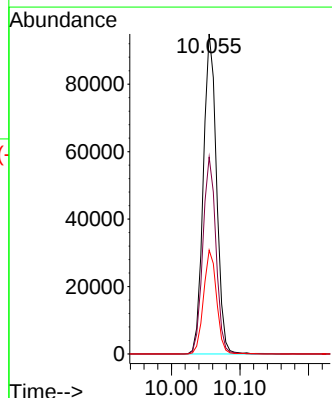
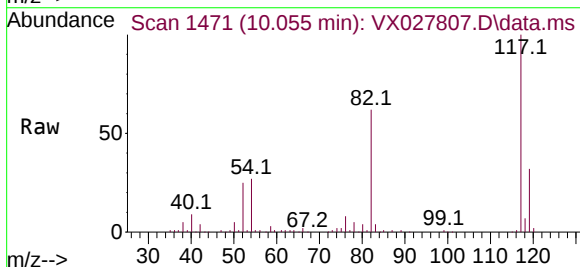
Tgt Ion: 117 Resp: 127495

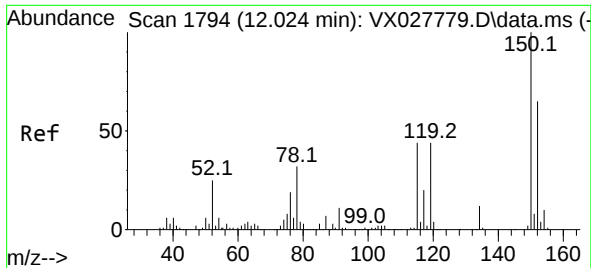
Ion Ratio Lower Upper

117 100

82 61.5 41.8 62.8

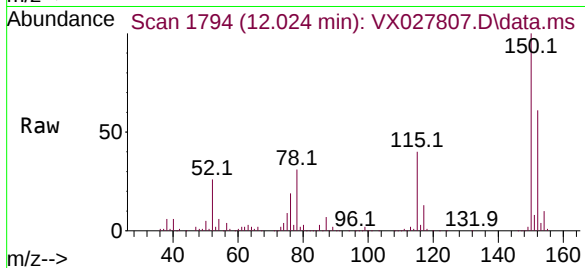
119 32.4 24.8 37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027807.D
 Acq: 30 Mar 2022 13:53

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20220317



Tgt Ion:152 Resp: 54304
 Ion Ratio Lower Upper
 152 100
 115 65.6 37.5 112.7
 150 161.9 0.0 338.2

