

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038753.D
 Acq On : 11 Nov 2023 02:51
 Operator : JC/MD
 Sample : 05350-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D1-20231107

Quant Time: Nov 11 05:07:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

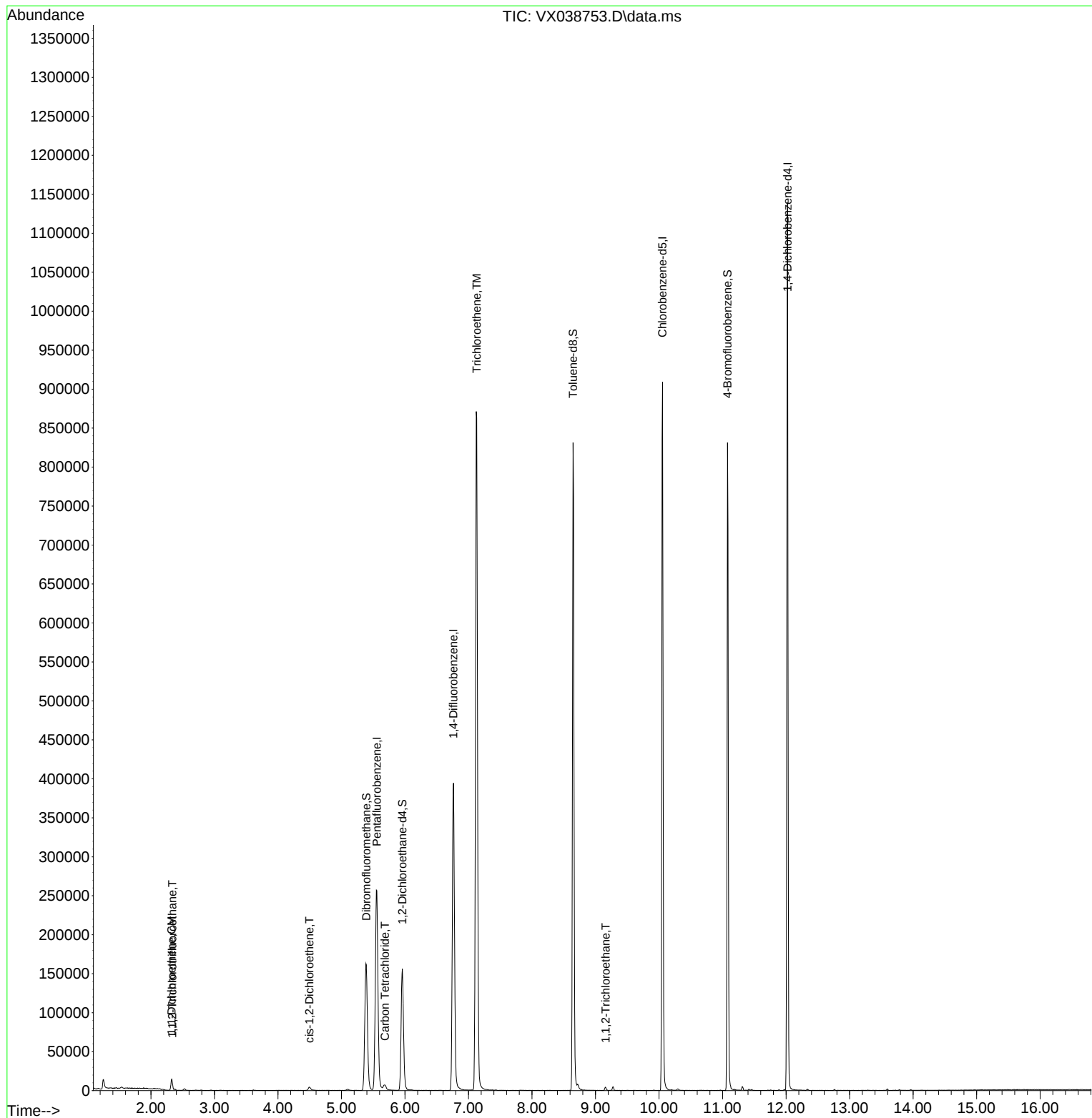
Internal Standards						
1) Pentafluorobenzene	5.556	168	270325	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	449088	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	468428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	270431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156730	46.570	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.140%
35) Dibromofluoromethane	5.391	113	145989	45.135	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.280%
50) Toluene-d8	8.647	98	535234	46.244	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.480%
62) 4-Bromofluorobenzene	11.079	95	228664	50.956	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.920%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	2659	1.010	ug/l	87
12) 1,1-Dichloroethene	2.325	96	3104	1.230	ug/l	# 69
27) cis-1,2-Dichloroethene	4.495	96	3271	1.031	ug/l	73
38) Carbon Tetrachloride	5.684	117	5825	1.297	ug/l	96
44) Trichloroethene	7.129	130	363080	100.837	ug/l	91
55) 1,1,2-Trichloroethane	9.159	97	1496	0.465	ug/l	# 82

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

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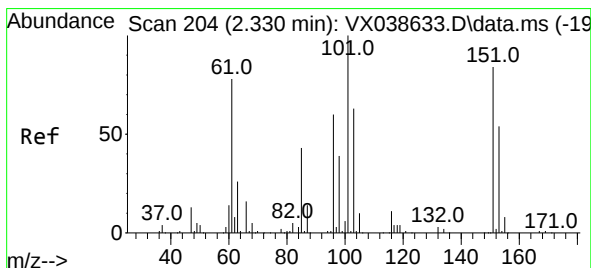
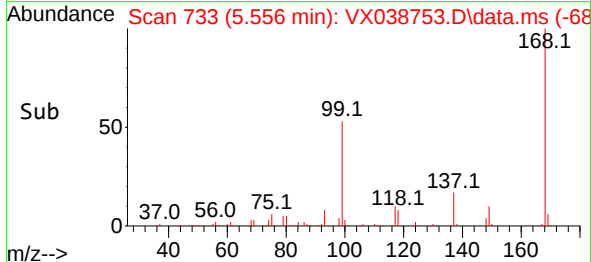
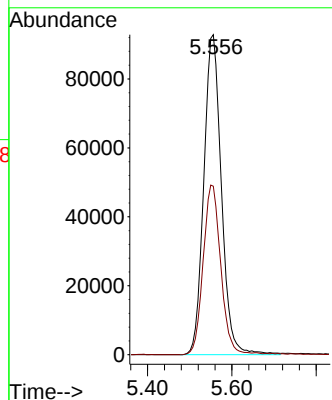
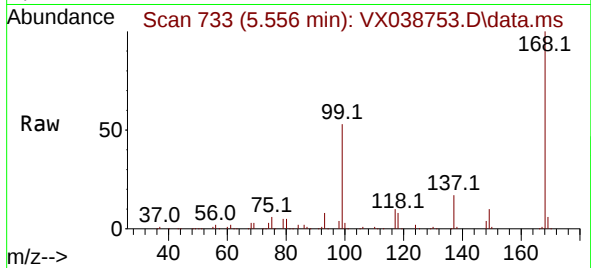




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038753.D
Acq: 11 Nov 2023 02:51

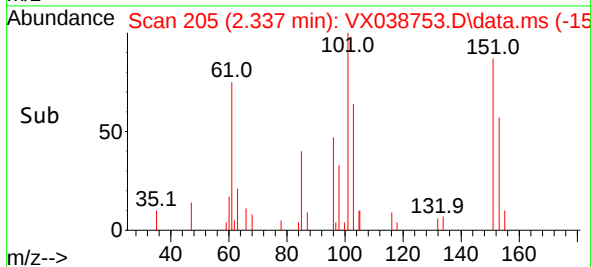
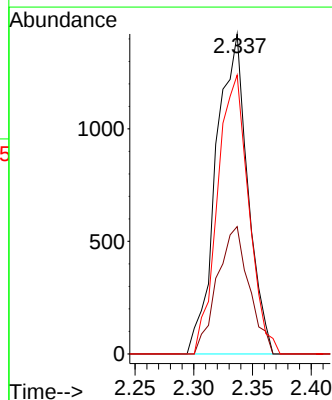
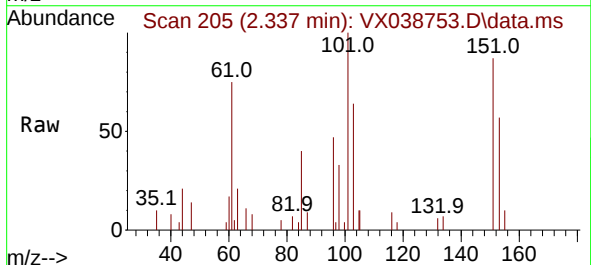
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20231107

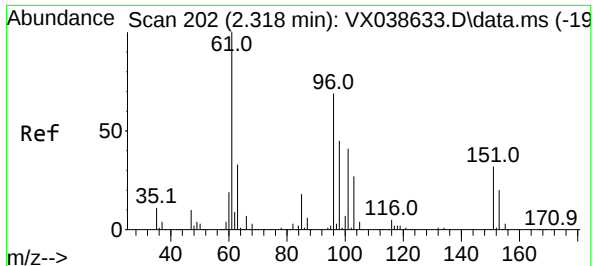
Tgt Ion:168 Resp: 270325
Ion Ratio Lower Upper
168 100
99 52.7 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.010 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX038753.D
Acq: 11 Nov 2023 02:51

Tgt Ion:101 Resp: 2659
Ion Ratio Lower Upper
101 100
85 40.0 37.0 55.6
151 86.0 58.6 87.8

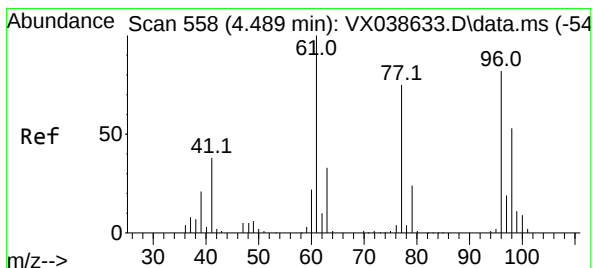
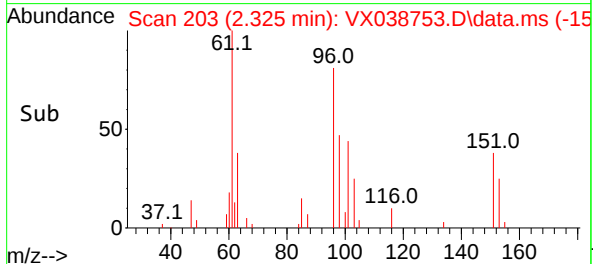
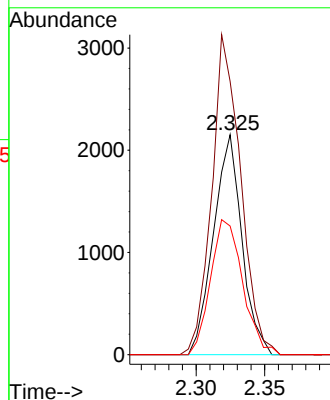
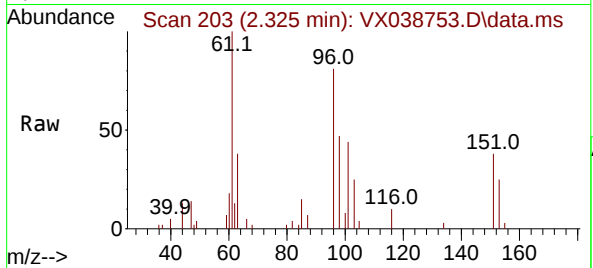




#12
1,1-Dichloroethene
Concen: 1.230 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX038753.D
Acq: 11 Nov 2023 02:51

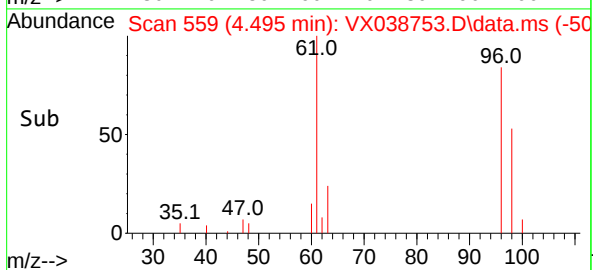
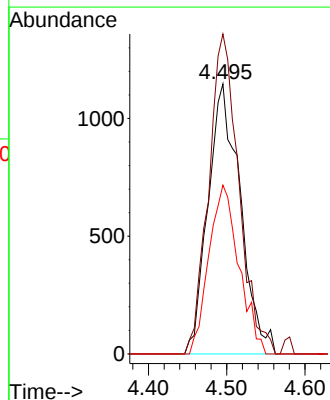
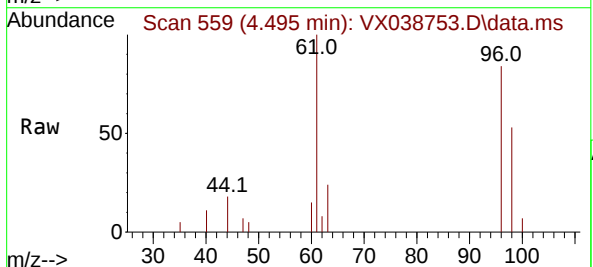
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20231107

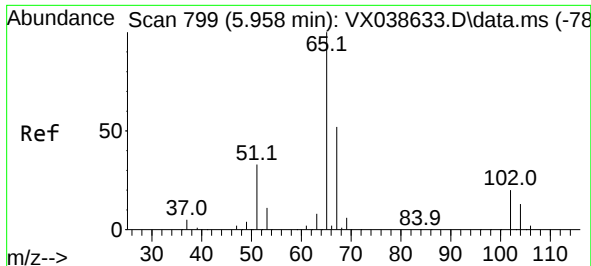
Tgt Ion: 96 Resp: 3104
Ion Ratio Lower Upper
96 100
61 124.2 144.6 216.8#
98 58.5 50.4 75.6



#27
cis-1,2-Dichloroethene
Concen: 1.031 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX038753.D
Acq: 11 Nov 2023 02:51

Tgt Ion: 96 Resp: 3271
Ion Ratio Lower Upper
96 100
61 111.3 0.0 312.2
98 58.5 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 46.570 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038753.D

Acq: 11 Nov 2023 02:51

Instrument :

MSVOA_X

ClientSampleId :

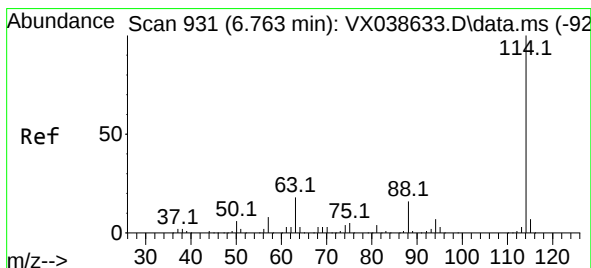
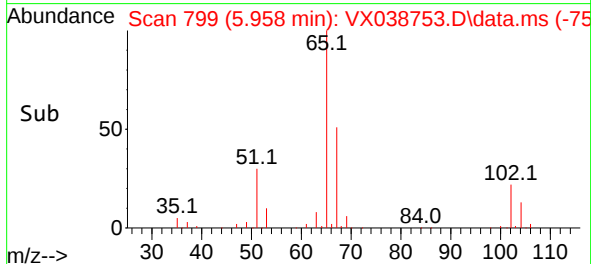
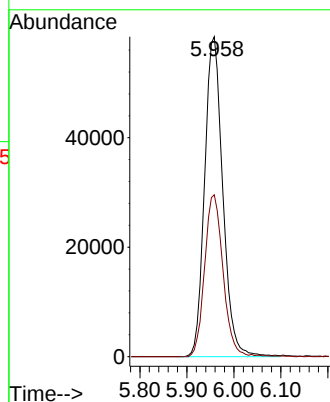
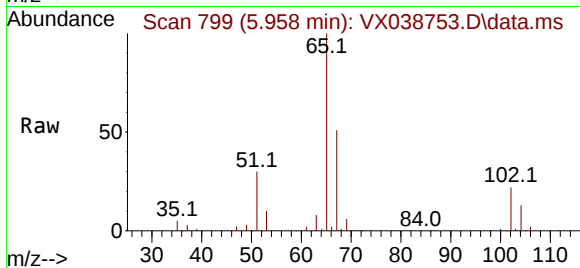
RE117D1-20231107

Tgt Ion: 65 Resp: 156730

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038753.D

Acq: 11 Nov 2023 02:51

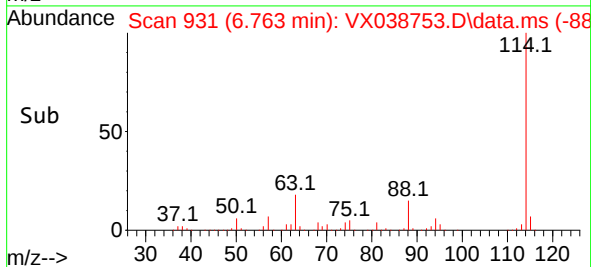
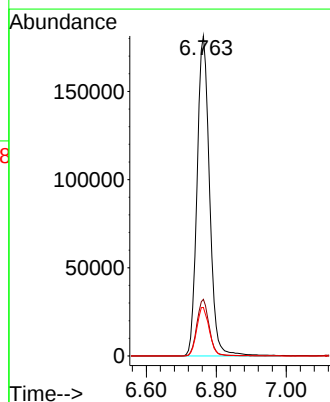
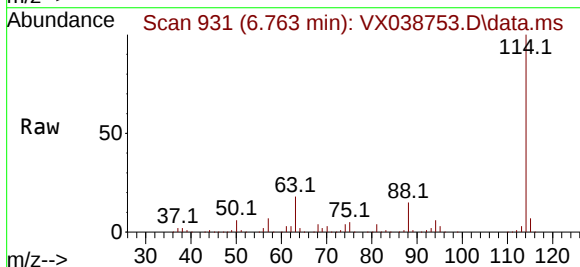
Tgt Ion: 114 Resp: 449088

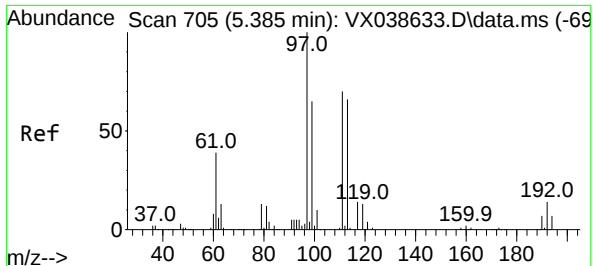
Ion Ratio Lower Upper

114 100

63 17.7 0.0 45.0

88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.135 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX038753.D

Acq: 11 Nov 2023 02:51

Instrument :

MSVOA_X

ClientSampleId :

RE117D1-20231107

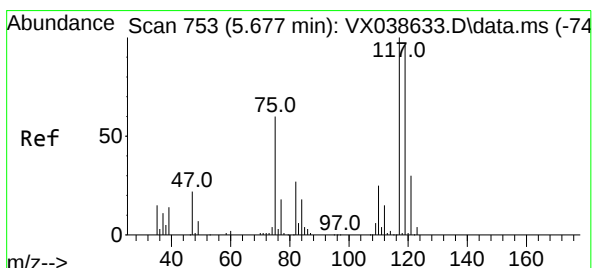
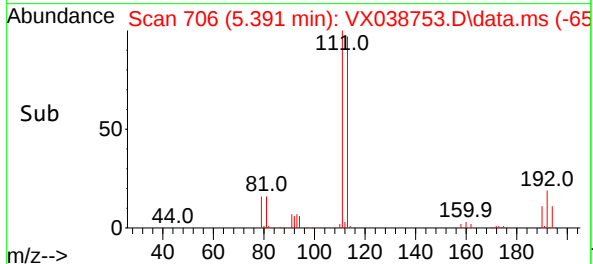
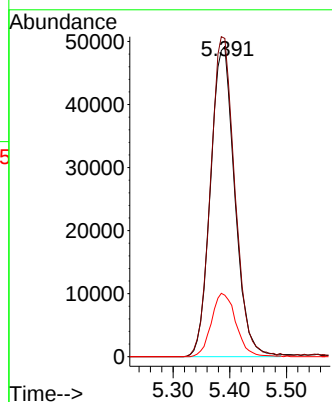
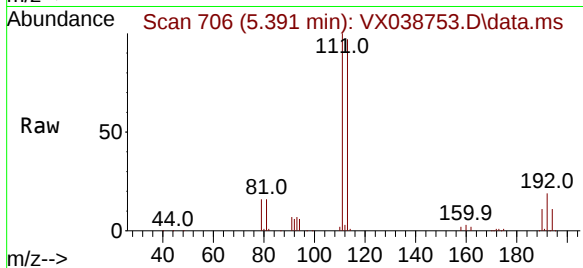
Tgt Ion:113 Resp: 145989

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

192 20.7 13.3 19.9#



#38

Carbon Tetrachloride

Concen: 1.297 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.006 min

Lab File: VX038753.D

Acq: 11 Nov 2023 02:51

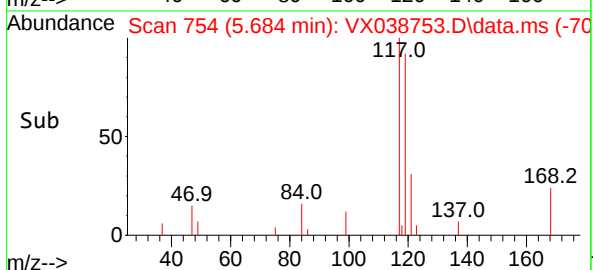
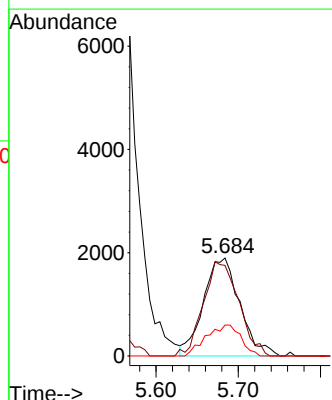
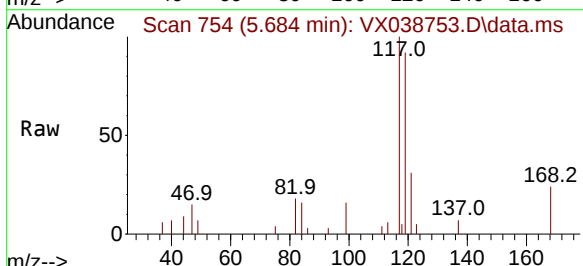
Tgt Ion:117 Resp: 5825

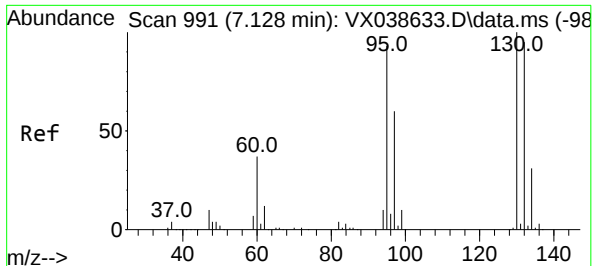
Ion Ratio Lower Upper

117 100

119 92.5 78.2 117.2

121 31.5 24.4 36.6

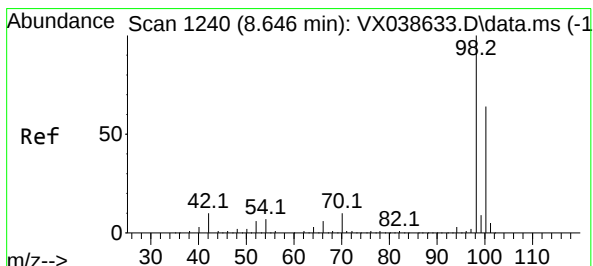
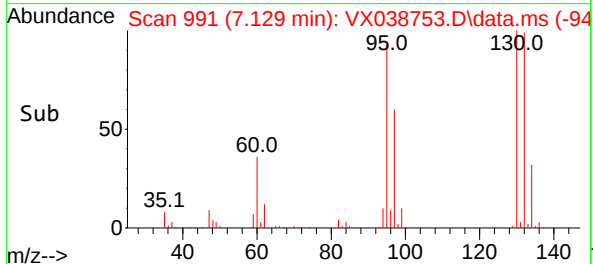
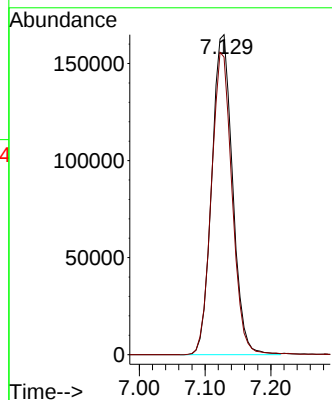
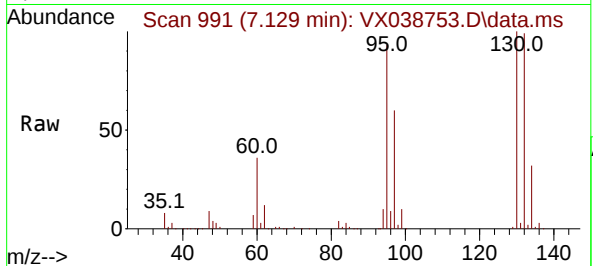




#44
Trichloroethene
Concen: 100.837 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038753.D
Acq: 11 Nov 2023 02:51

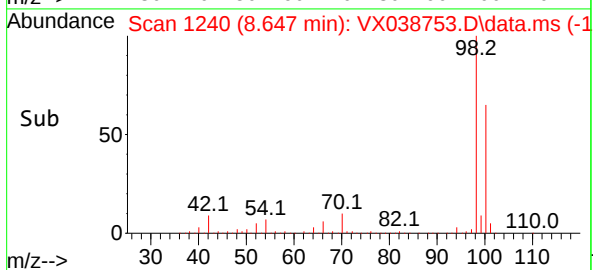
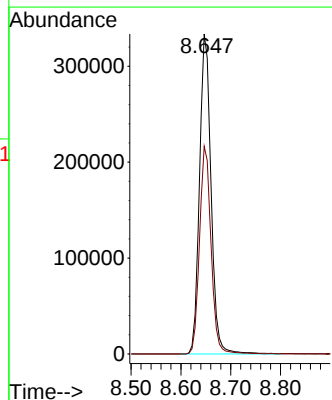
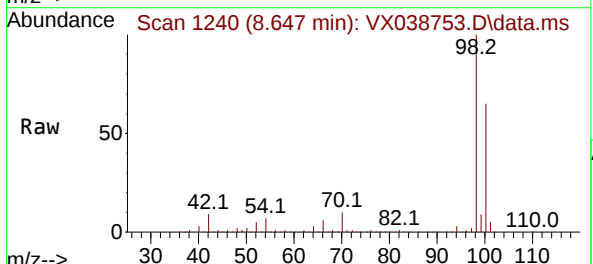
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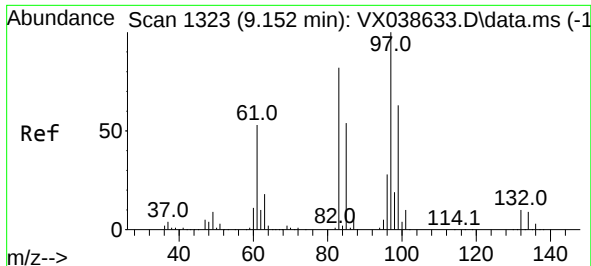
Tgt Ion:130 Resp: 363080
Ion Ratio Lower Upper
130 100
95 93.0 0.0 204.4



#50
Toluene-d8
Concen: 46.244 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038753.D
Acq: 11 Nov 2023 02:51

Tgt Ion: 98 Resp: 535234
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7

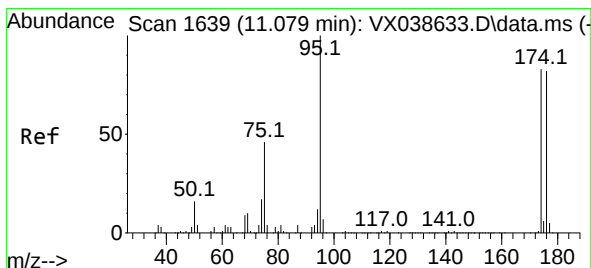
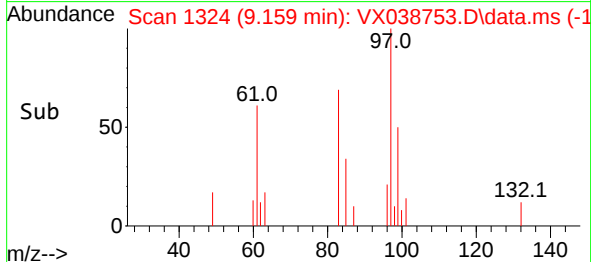
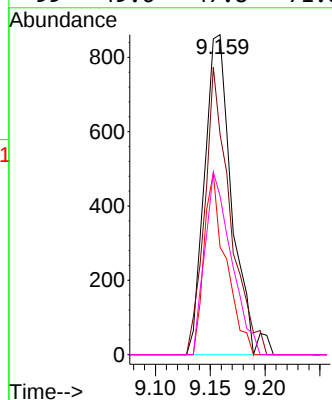
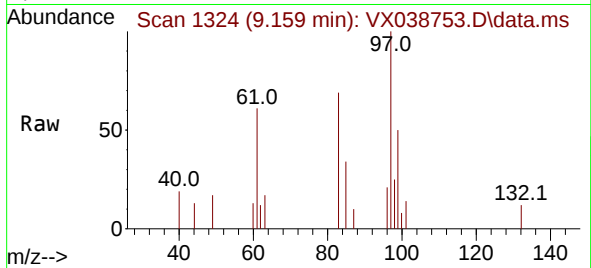




#55
1,1,2-Trichloroethane
Concen: 0.465 ug/l
RT: 9.159 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038753.D
Acq: 11 Nov 2023 02:51

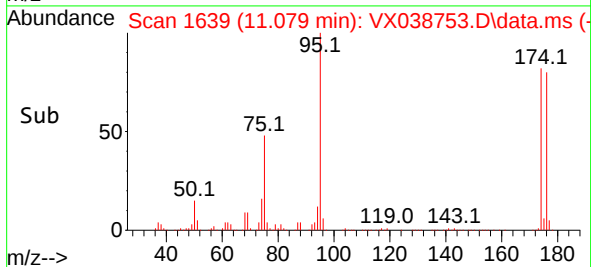
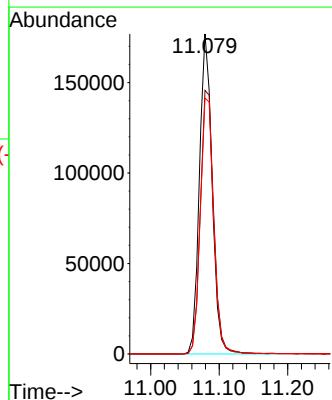
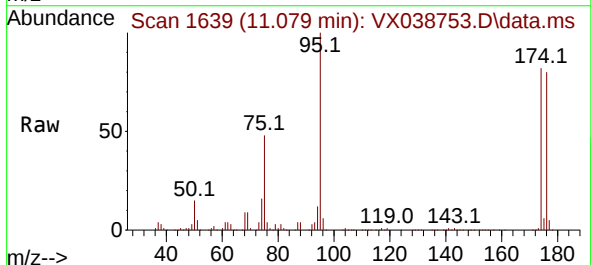
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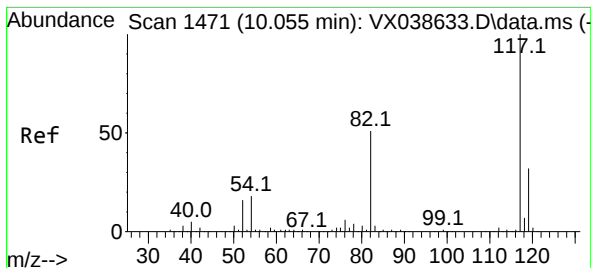
Tgt Ion: 97	Resp: 1496
Ion Ratio	Lower Upper
97 100	
83 68.9	65.8 98.8
85 33.6	41.6 62.4#
99 49.6	47.8 71.8



#62
4-Bromofluorobenzene
Concen: 50.956 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038753.D
Acq: 11 Nov 2023 02:51

Tgt Ion: 95	Resp: 228664
Ion Ratio	Lower Upper
95 100	
174 87.0	0.0 135.6
176 84.1	0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX038753.D

Acq: 11 Nov 2023 02:51

Instrument :

MSVOA_X

ClientSampleId :

RE117D1-20231107

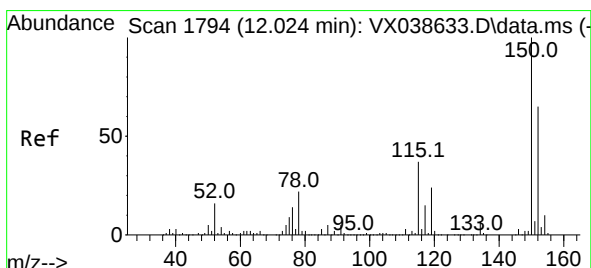
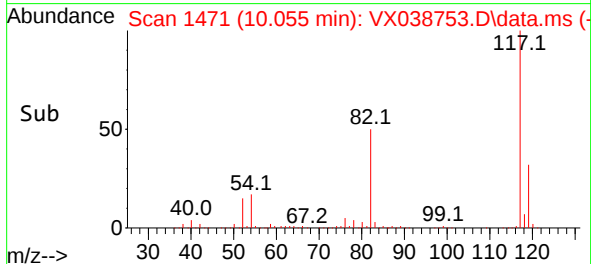
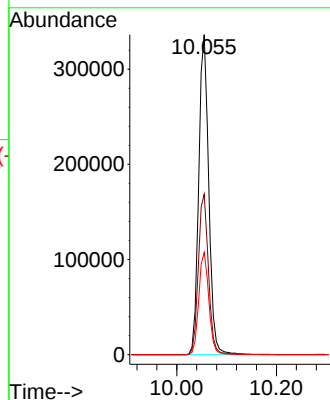
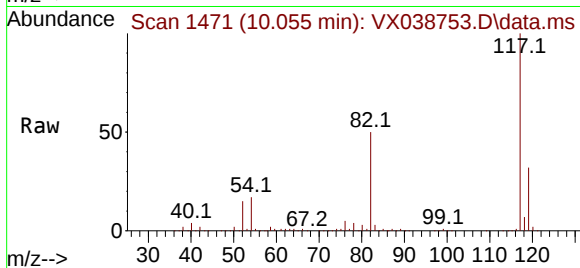
Tgt Ion:117 Resp: 468428

Ion Ratio Lower Upper

117 100

82 50.2 46.2 69.4

119 31.9 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038753.D

Acq: 11 Nov 2023 02:51

Tgt Ion:152 Resp: 270431

Ion Ratio Lower Upper

152 100

115 57.2 43.3 129.9

150 154.8 0.0 345.0

