

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038901.D
 Acq On : 18 Nov 2023 02:02
 Operator : JC/MD
 Sample : 05404-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT150S1-20231109

Quant Time: Nov 18 05:05:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

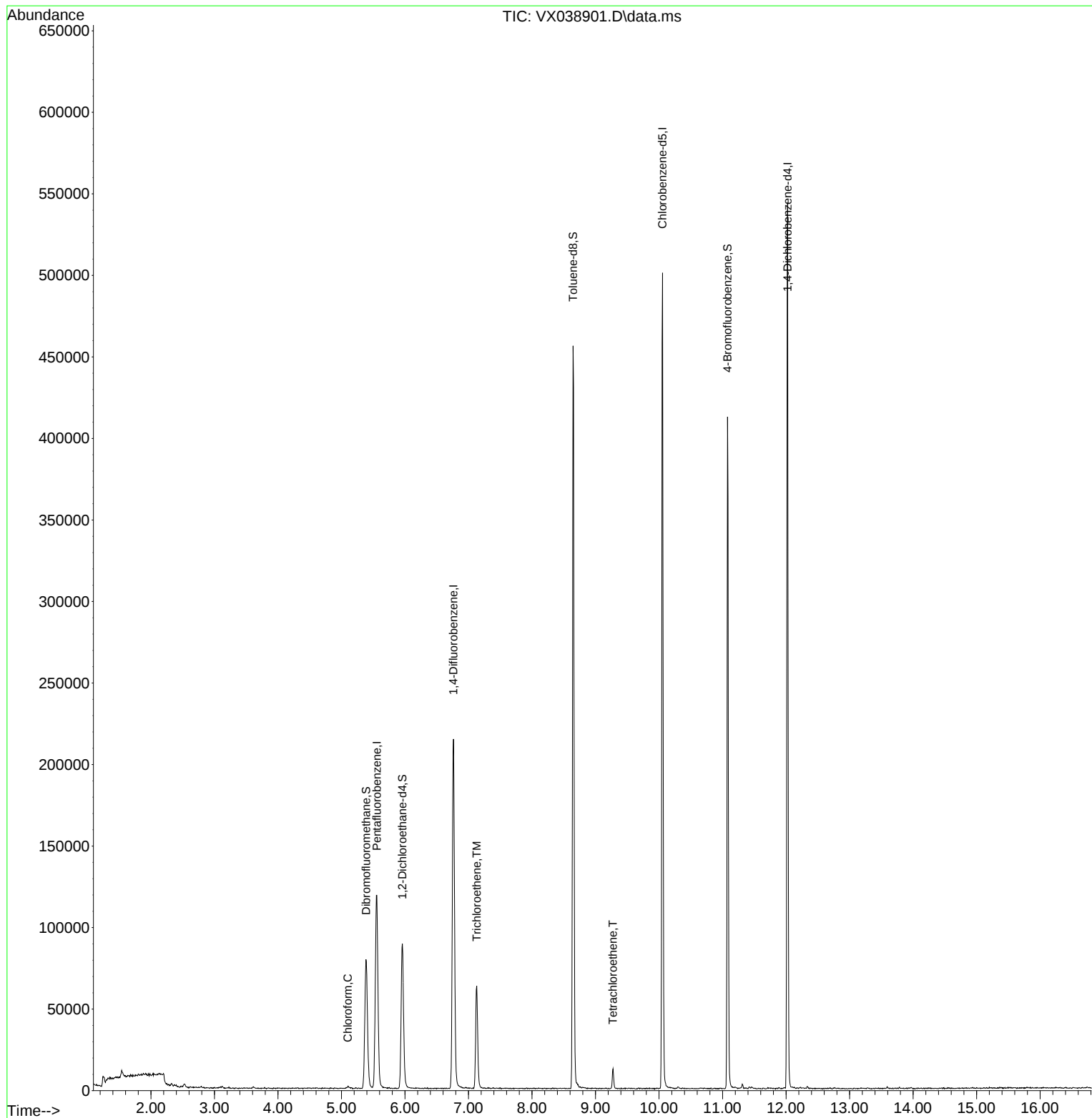
Internal Standards						
1) Pentafluorobenzene	5.556	168	109233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	220426	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84646	48.091	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.180%
35) Dibromofluoromethane	5.385	113	70942	44.562	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.120%
50) Toluene-d8	8.647	98	277960	45.635	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.260%#
62) 4-Bromofluorobenzene	11.079	95	116000	47.575	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.160%
Target Compounds						
					Qvalue	
30) Chloroform	5.099	83	1691	0.619	ug/l	97
44) Trichloroethene	7.129	130	23864	14.528	ug/l	97
64) Tetrachloroethene	9.275	164	1951	1.411	ug/l	97

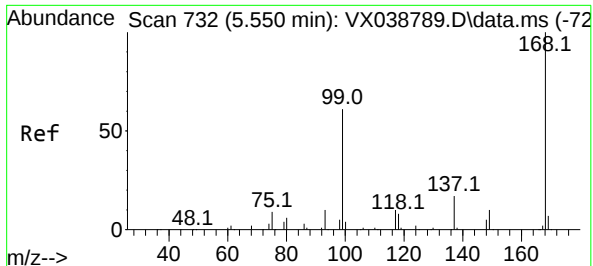
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX038901.D

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MSVOA_X

ClientSampleId :

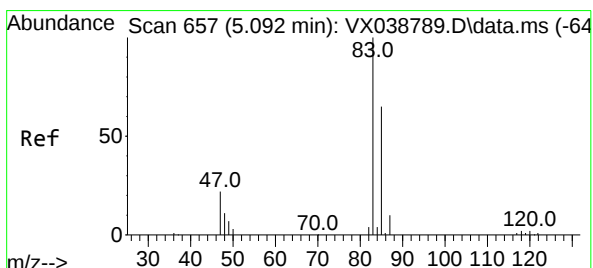
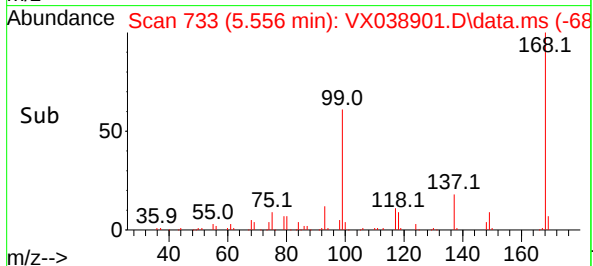
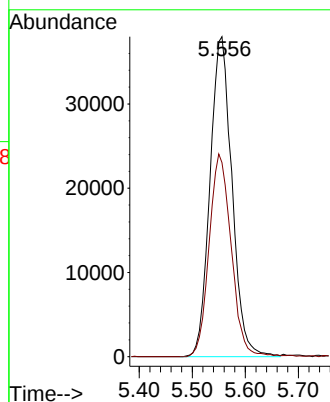
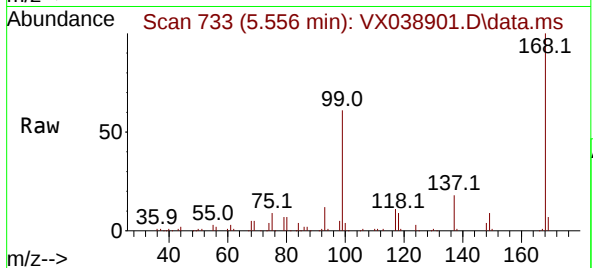
TT150S1-20231109

Tgt Ion:168 Resp: 109233

Ion Ratio Lower Upper

168 100

99 60.7 56.6 85.0



#30

Chloroform

Concen: 0.619 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX038901.D

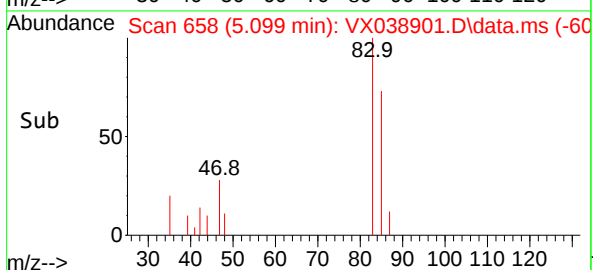
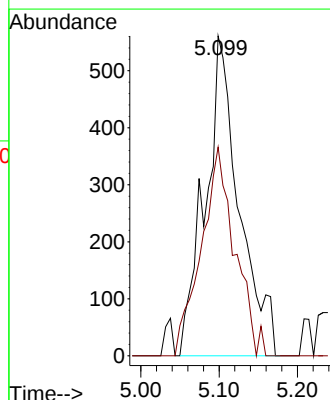
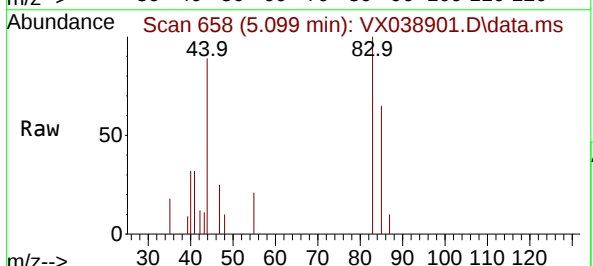
Acq: 18 Nov 2023 02:02

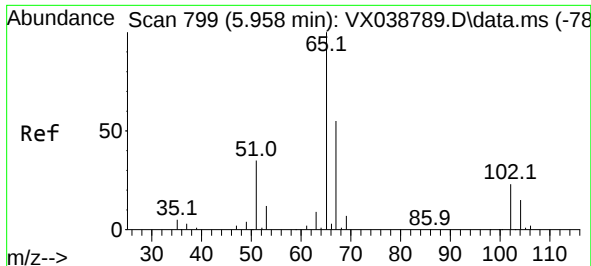
Tgt Ion: 83 Resp: 1691

Ion Ratio Lower Upper

83 100

85 65.2 50.3 75.5

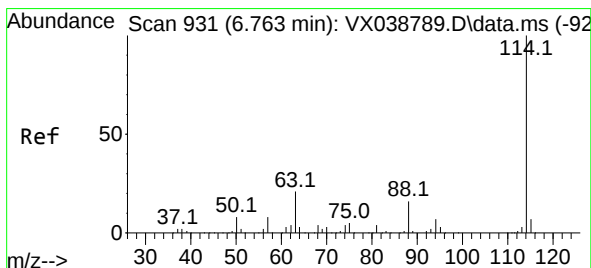
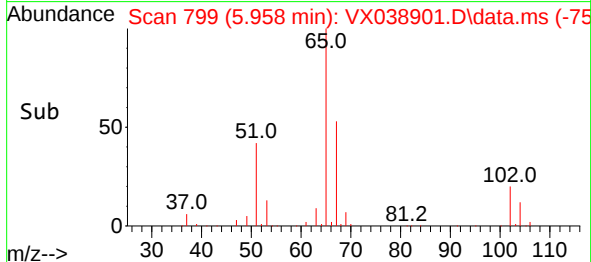
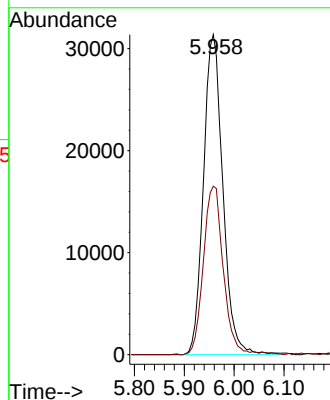
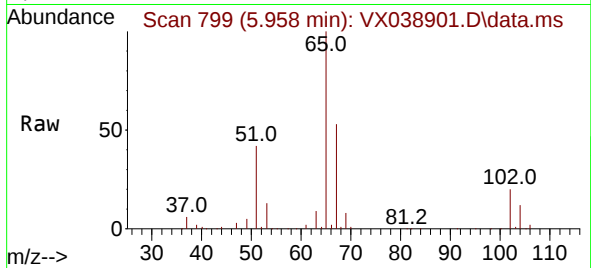




#33
 1,2-Dichloroethane-d4
 Concen: 48.091 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038901.D
 Acq: 18 Nov 2023 02:02

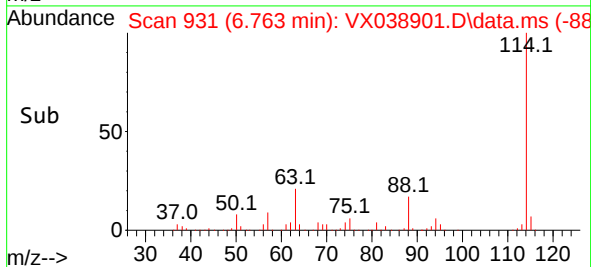
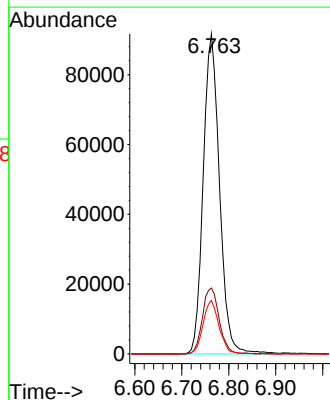
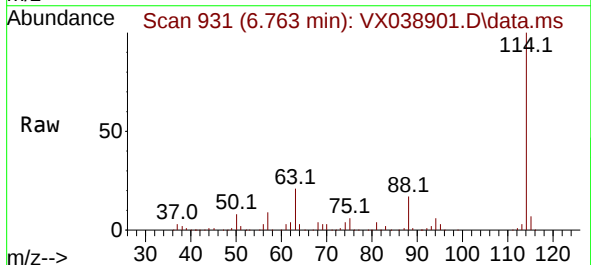
Instrument :
 MSVOA_X
 ClientSampleId :
 TT150S1-20231109

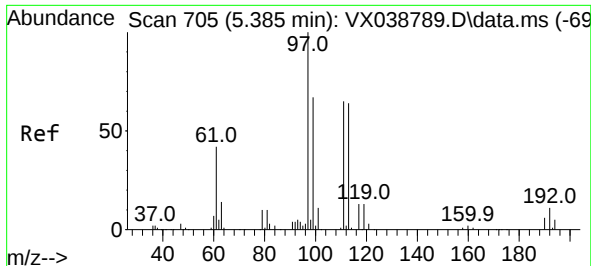
Tgt Ion: 65 Resp: 84646
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038901.D
 Acq: 18 Nov 2023 02:02

Tgt Ion: 114 Resp: 220426
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 45.0
 88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.562 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038901.D

Acq: 18 Nov 2023 02:02

Instrument :

MSVOA_X

ClientSampleId :

TT150S1-20231109

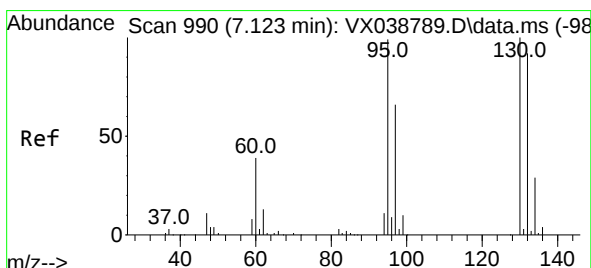
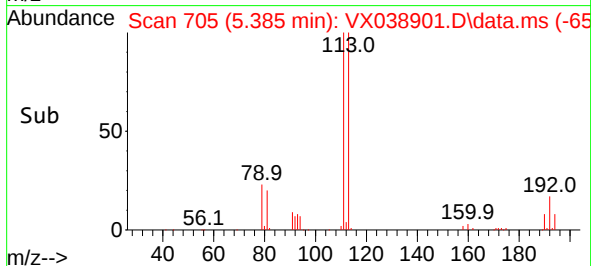
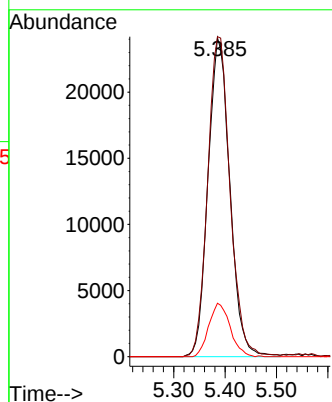
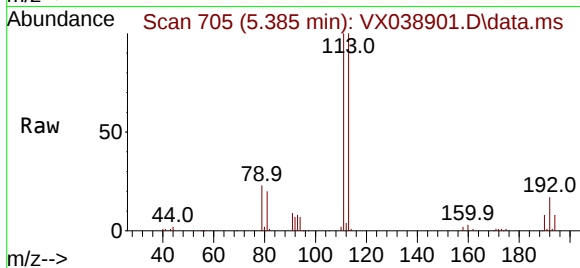
Tgt Ion:113 Resp: 70942

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

192 16.5 13.3 19.9



#44

Trichloroethene

Concen: 14.528 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX038901.D

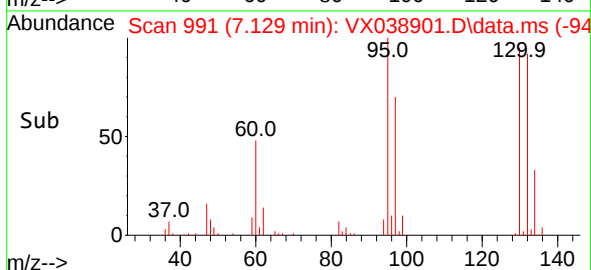
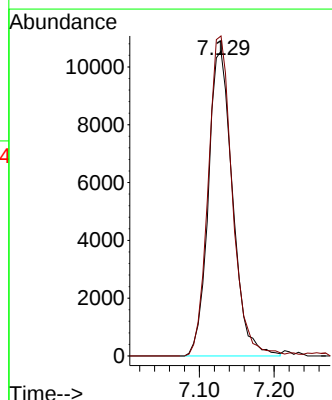
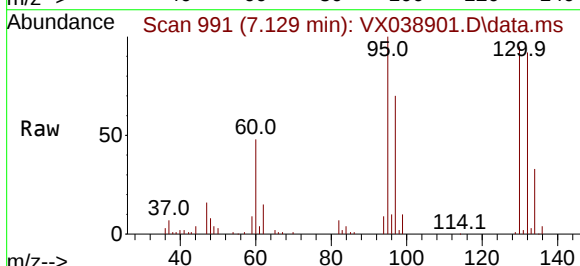
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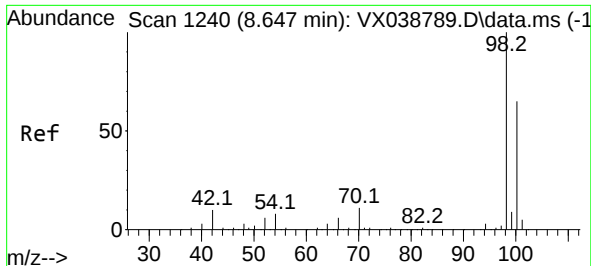
Tgt Ion:130 Resp: 23864

Ion Ratio Lower Upper

130 100

95 105.0 0.0 204.4

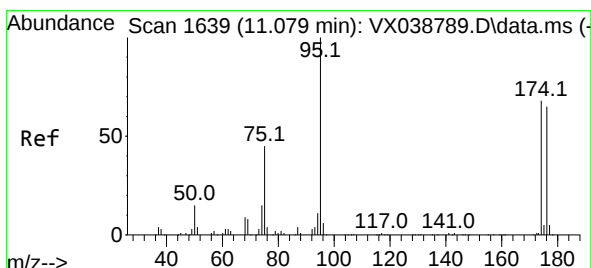
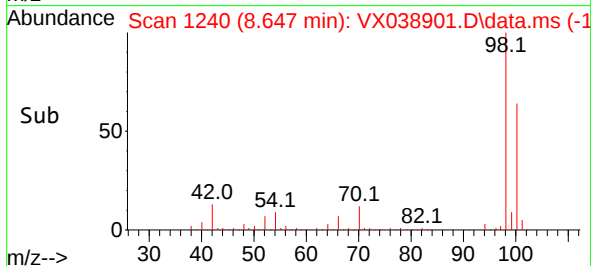
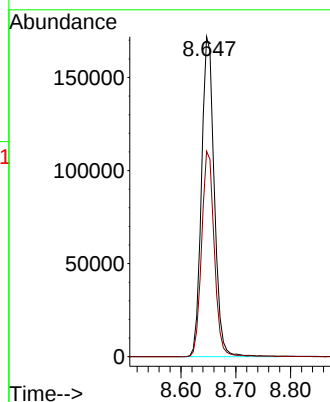
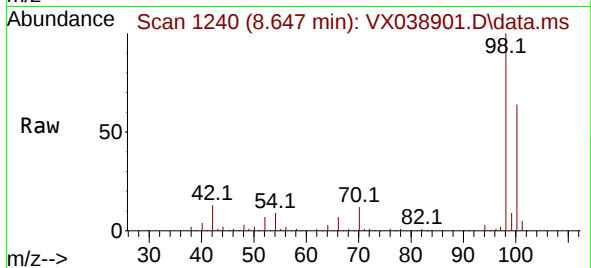




#50
Toluene-d8
Concen: 45.635 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038901.D
Acq: 18 Nov 2023 02:02

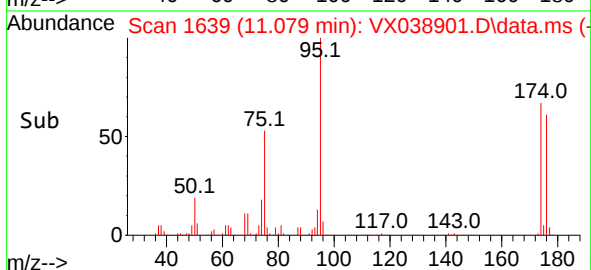
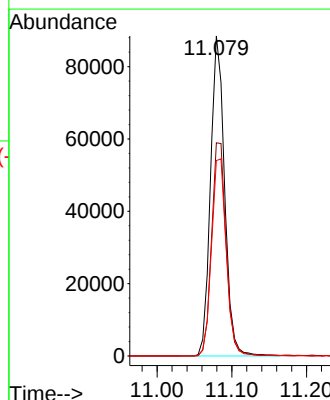
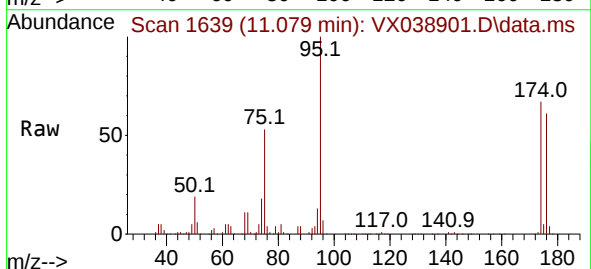
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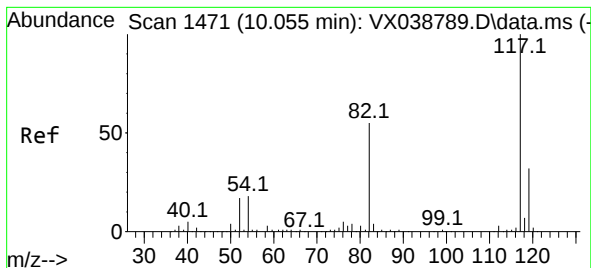
Tgt Ion: 98 Resp: 277960
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.575 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038901.D
Acq: 18 Nov 2023 02:02

Tgt Ion: 95 Resp: 116000
Ion Ratio Lower Upper
95 100
174 69.0 0.0 135.6
176 64.9 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: VX038901.D

Acq: 18 Nov 2023 02:02

Instrument :

MSVOA_X

ClientSampleId :

TT150S1-20231109

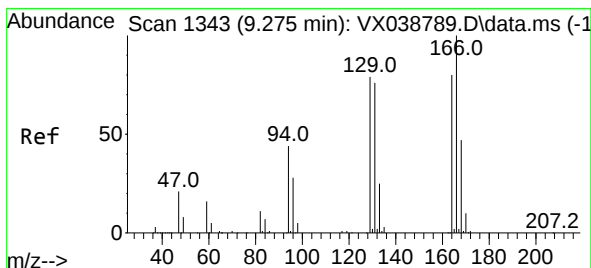
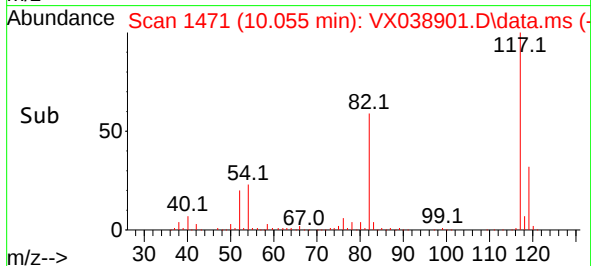
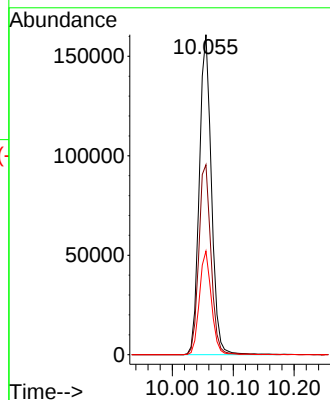
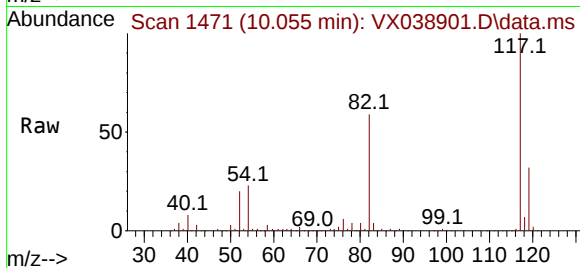
Tgt Ion:117 Resp: 222477

Ion Ratio Lower Upper

117 100

82 59.3 46.2 69.4

119 32.4 25.5 38.3



#64

Tetrachloroethene

Concen: 1.411 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX038901.D

Acq: 18 Nov 2023 02:02

Tgt Ion:164 Resp: 1951

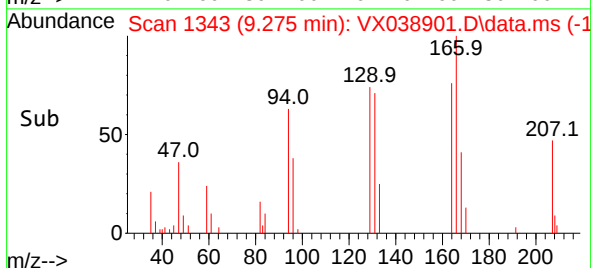
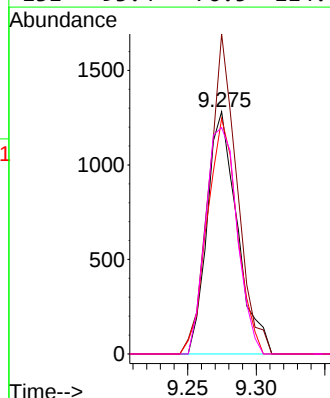
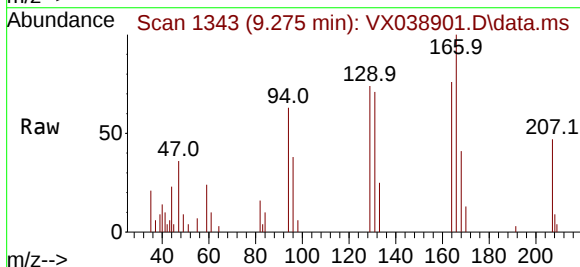
Ion Ratio Lower Upper

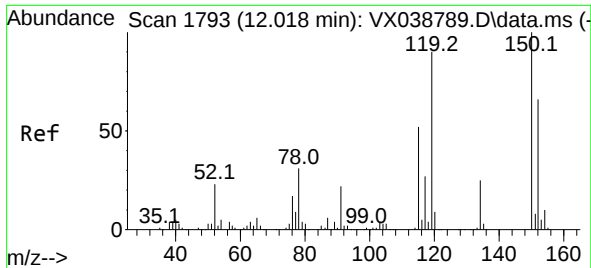
164 100

166 132.1 102.7 154.1

129 97.2 80.4 120.6

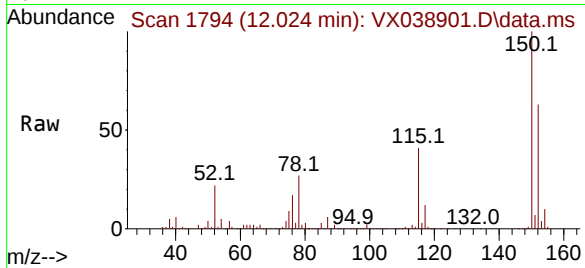
131 93.4 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038901.D
 Acq: 18 Nov 2023 02:02

Instrument :
 MSVOA_X
 ClientSampleId :
 TT150S1-20231109



Tgt Ion:152 Resp: 110312
 Ion Ratio Lower Upper
 152 100
 115 65.0 43.3 129.9
 150 156.8 0.0 345.0

