

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
 Data File : VX039202.D
 Acq On : 14 Dec 2023 12:30
 Operator : JC/MD
 Sample : 05719-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-TT188S1-GW-20231206

Quant Time: Dec 15 02:59:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

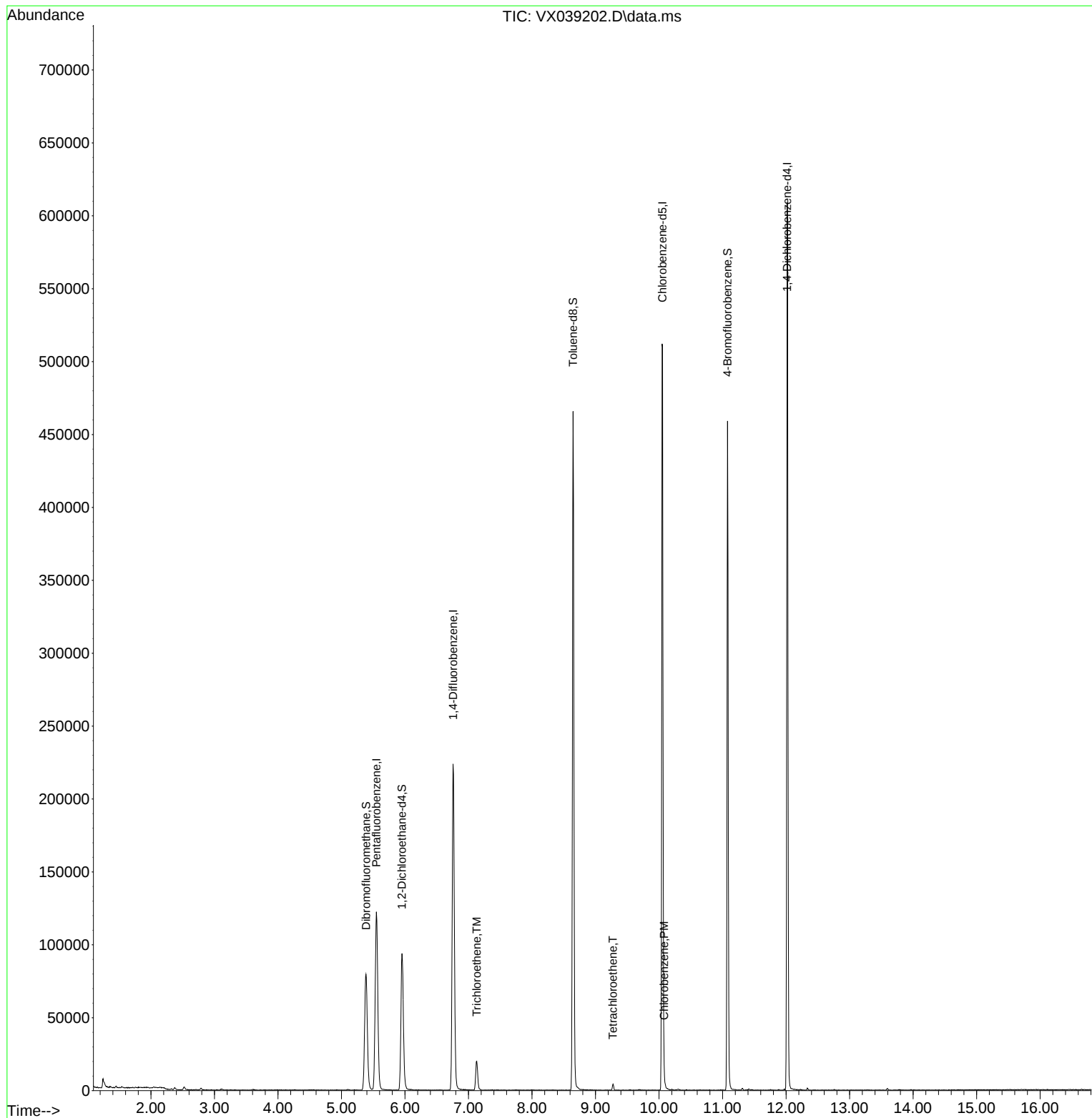
Internal Standards						
1) Pentafluorobenzene	5.550	168	104042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	215122	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	113226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93242	48.921	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.840%		
35) Dibromofluoromethane	5.385	113	71028	47.793	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.580%		
50) Toluene-d8	8.647	98	270663	49.056	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.120%		
62) 4-Bromofluorobenzene	11.079	95	125443	55.104	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.200%		
Target Compounds						Qvalue
44) Trichloroethene	7.129	130	7212	4.308	ug/l	91
64) Tetrachloroethene	9.275	164	597	0.415	ug/l #	85
65) Chlorobenzene	10.079	112	1238	0.258	ug/l	91

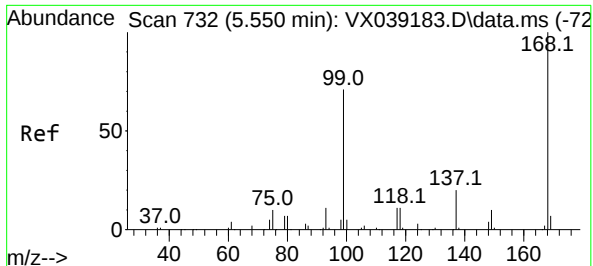
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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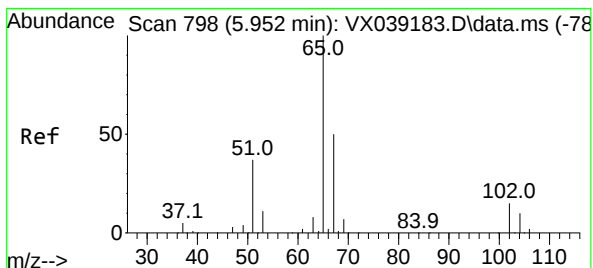
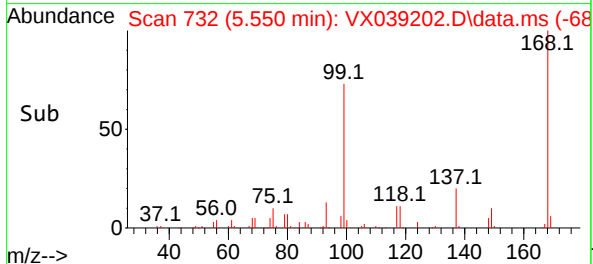
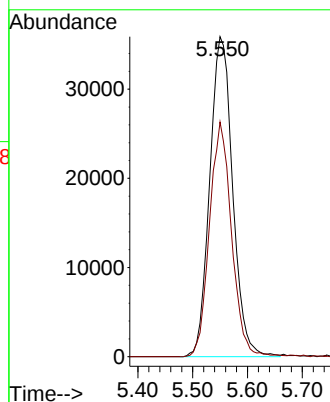
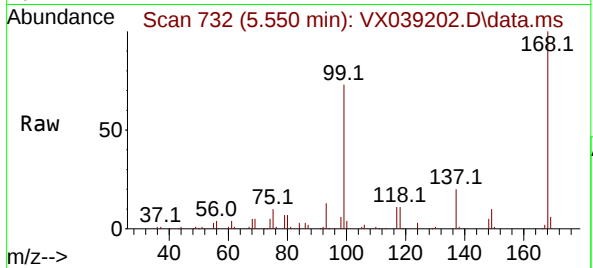




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX039202.D
Acq: 14 Dec 2023 12:30

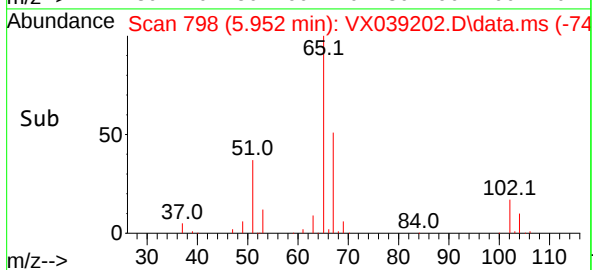
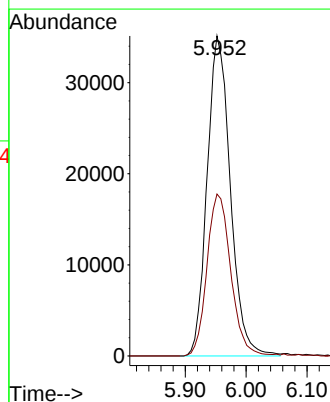
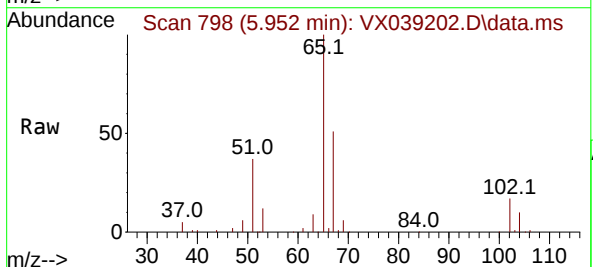
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TT188S1-GW-20231206

Tgt Ion:168 Resp: 104042
Ion Ratio Lower Upper
168 100
99 73.4 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 48.921 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039202.D
Acq: 14 Dec 2023 12:30

Tgt Ion: 65 Resp: 93242
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

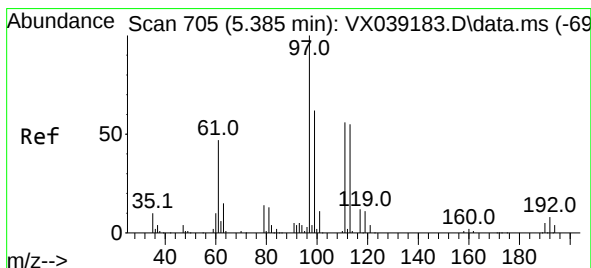
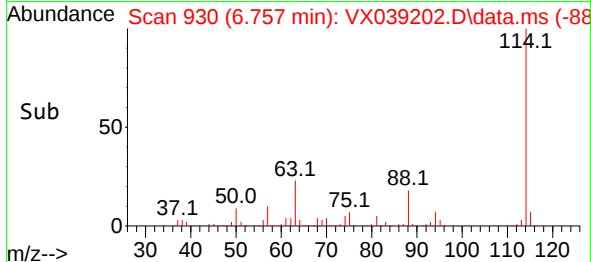
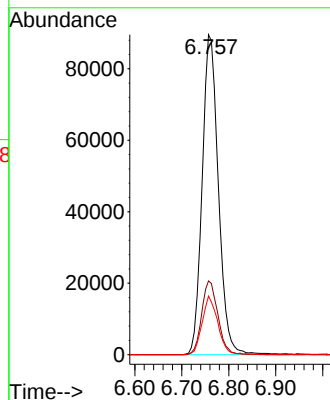
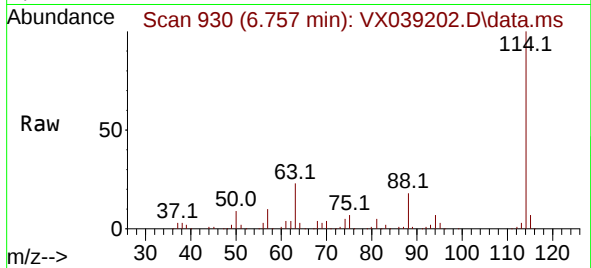




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039202.D
Acq: 14 Dec 2023 12:30

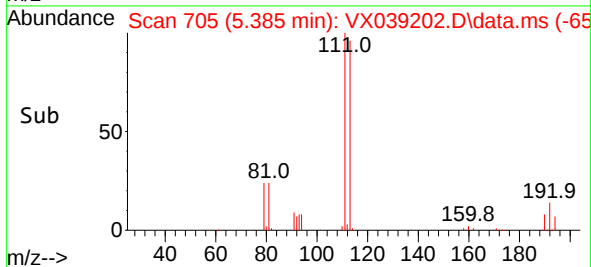
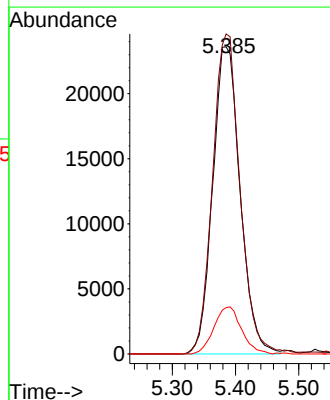
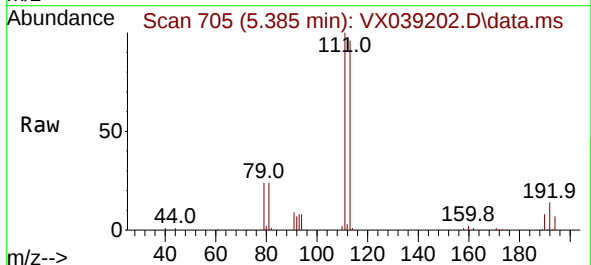
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TT188S1-GW-20231206

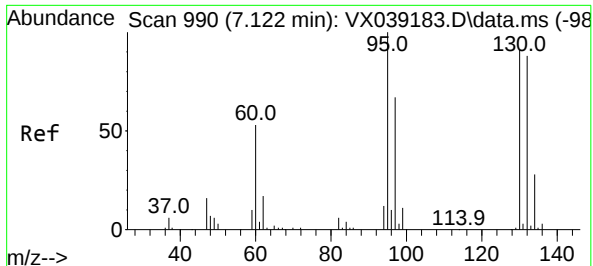
Tgt Ion:114 Resp: 215122
Ion Ratio Lower Upper
114 100
63 23.0 0.0 45.0
88 18.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.793 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039202.D
Acq: 14 Dec 2023 12:30

Tgt Ion:113 Resp: 71028
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 15.4 13.3 19.9

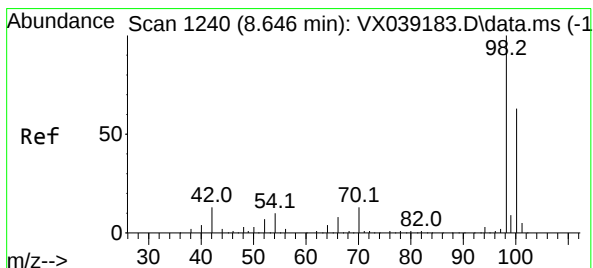
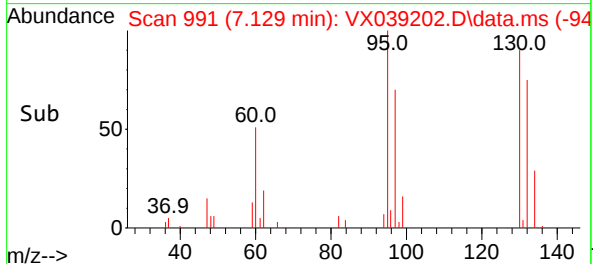
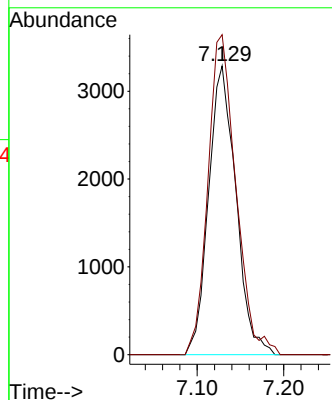
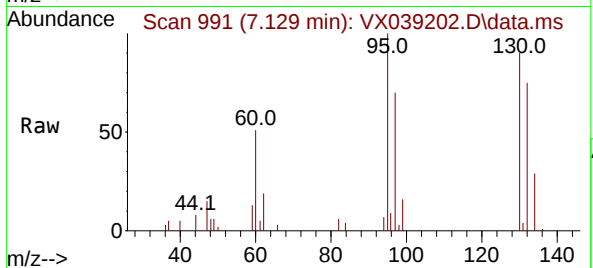




#44
Trichloroethene
Concen: 4.308 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX039202.D
Acq: 14 Dec 2023 12:30

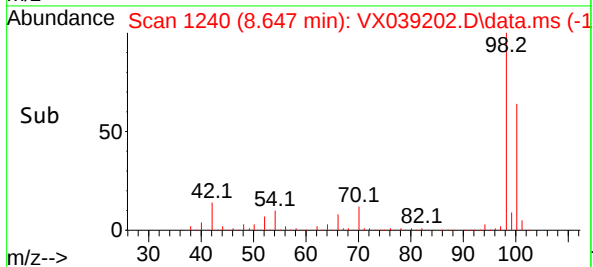
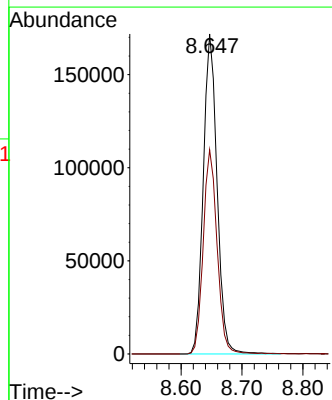
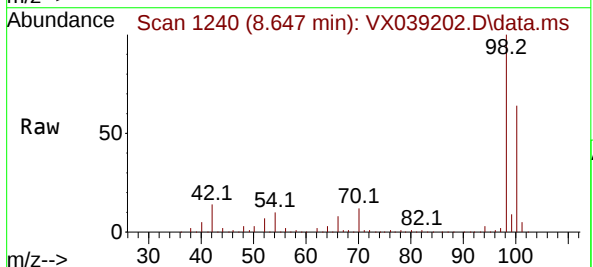
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TT188S1-GW-20231206

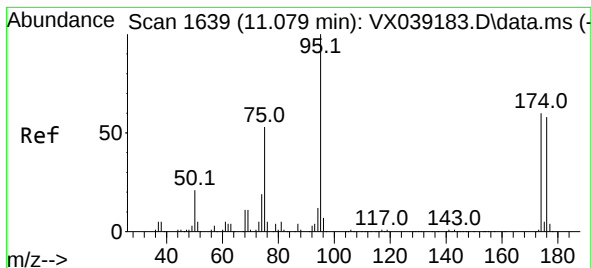
Tgt Ion:130 Resp: 7212
Ion Ratio Lower Upper
130 100
95 110.8 0.0 204.4



#50
Toluene-d8
Concen: 49.056 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039202.D
Acq: 14 Dec 2023 12:30

Tgt Ion: 98 Resp: 270663
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

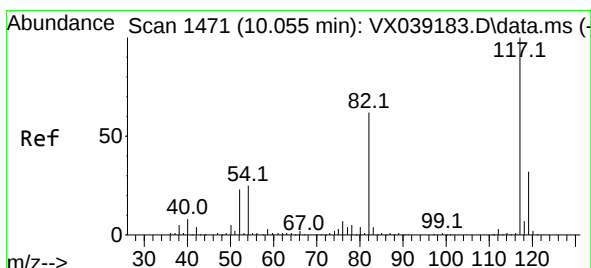
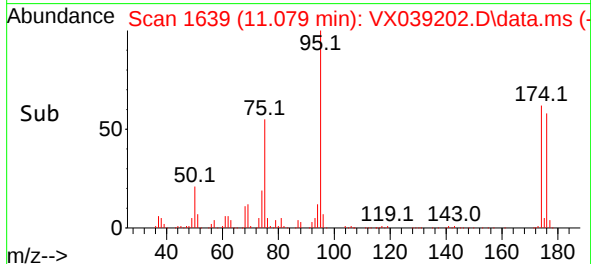
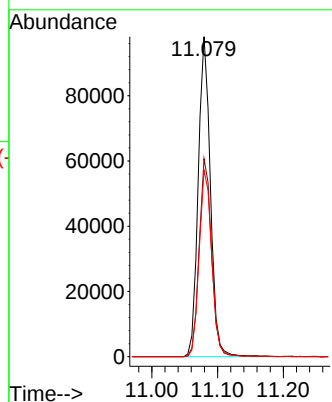
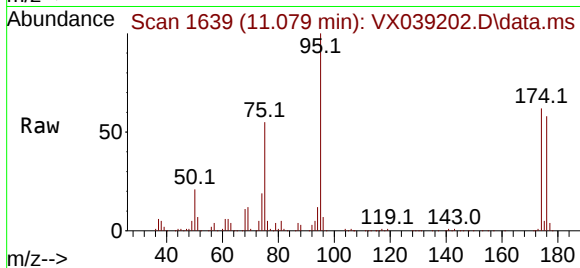




#62
4-Bromofluorobenzene
Concen: 55.104 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039202.D
Acq: 14 Dec 2023 12:30

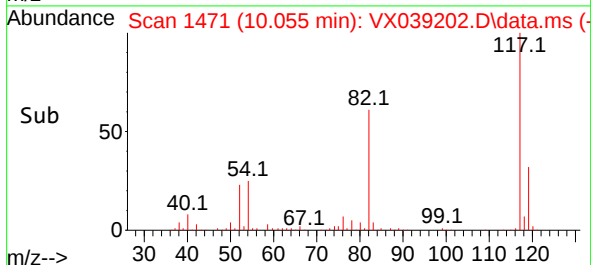
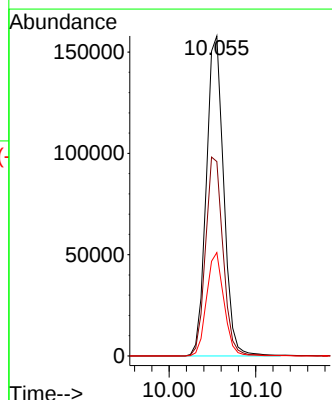
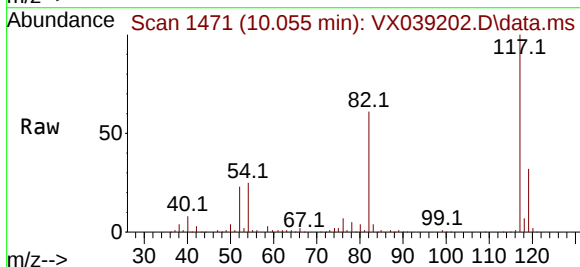
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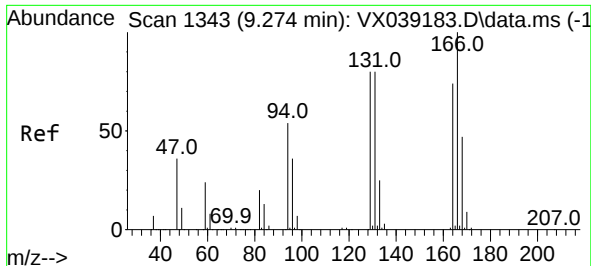
Tgt Ion: 95 Resp: 125443
Ion Ratio Lower Upper
95 100
174 63.0 0.0 135.6
176 60.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039202.D
Acq: 14 Dec 2023 12:30

Tgt Ion: 117 Resp: 220150
Ion Ratio Lower Upper
117 100
82 60.8 46.2 69.4
119 32.3 25.5 38.3





#64

Tetrachloroethene

Concen: 0.415 ug/l

RT: 9.275 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039202.D

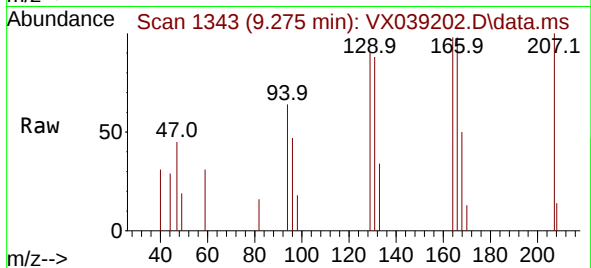
Acq: 14 Dec 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-TT188S1-GW-20231206



Tgt Ion:164 Resp: 597

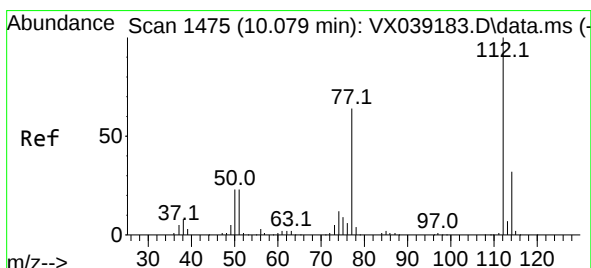
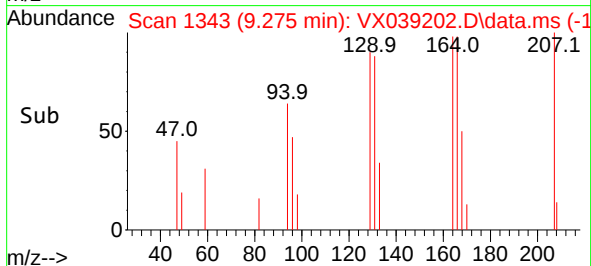
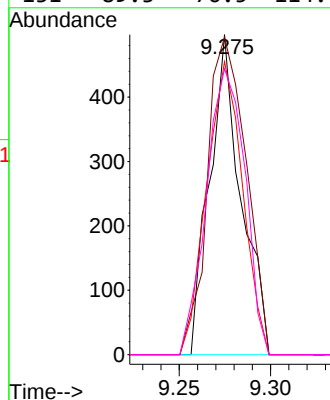
Ion Ratio Lower Upper

164 100

166 99.2 102.7 154.1#

129 91.5 80.4 120.6

131 89.3 76.5 114.7



#65

Chlorobenzene

Concen: 0.258 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX039202.D

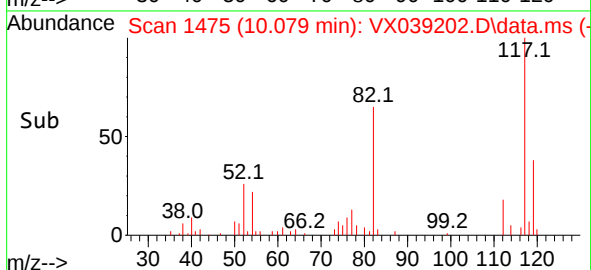
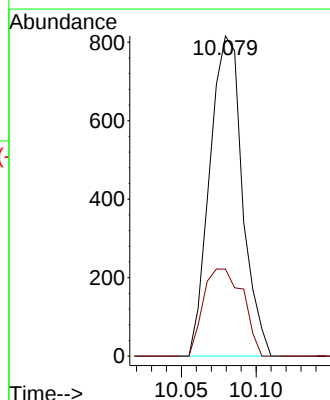
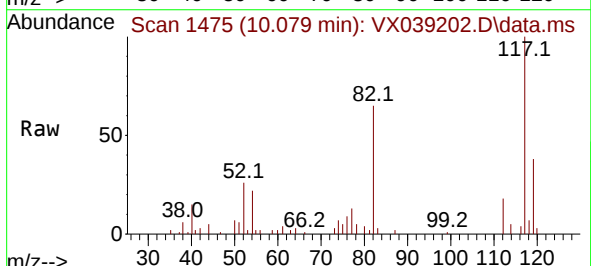
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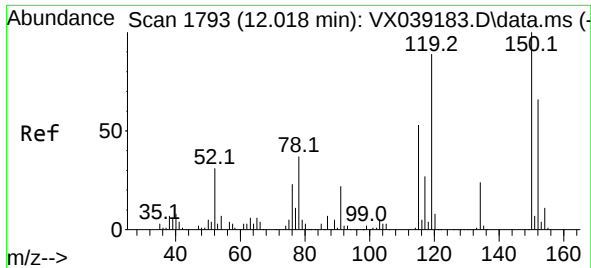
Tgt Ion:112 Resp: 1238

Ion Ratio Lower Upper

112 100

114 27.2 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039202.D
 Acq: 14 Dec 2023 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-TT188S1-GW-20231206

Tgt Ion:152 Resp: 113226
 Ion Ratio Lower Upper
 152 100
 115 67.9 43.3 129.9
 150 158.6 0.0 345.0

