

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092123\
 Data File : VX037859.D
 Acq On : 21 Sep 2023 16:46
 Operator : JC/MD
 Sample : 04574-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FRAC-TANK-A2421

Quant Time: Sep 22 04:46:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

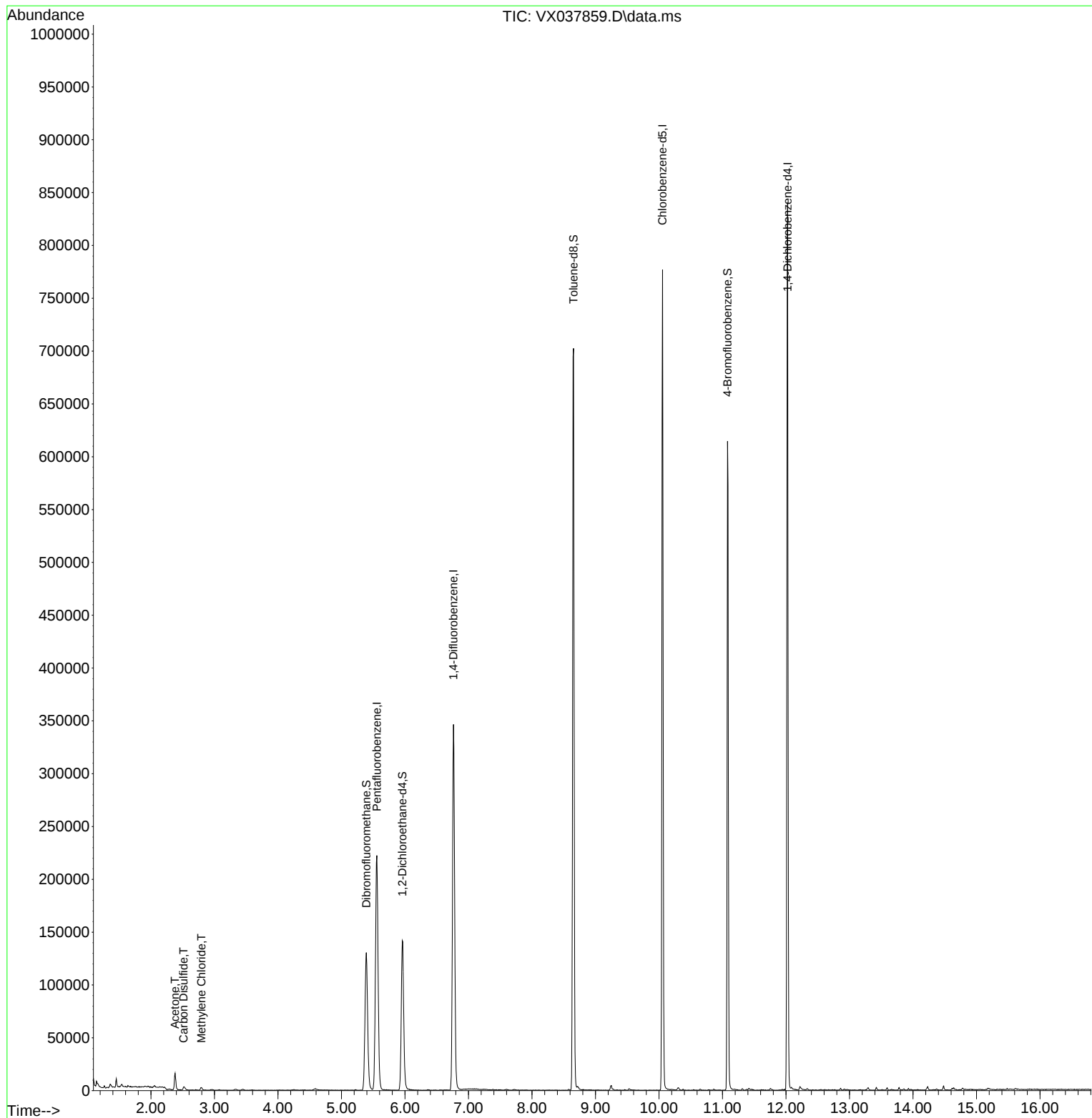
Internal Standards						
1) Pentafluorobenzene	5.556	168	212484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	362806	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	346166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	134463	48.165	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.340%
35) Dibromofluoromethane	5.391	113	114419	47.133	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.260%
50) Toluene-d8	8.653	98	442550	49.064	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.120%
62) 4-Bromofluorobenzene	11.079	95	163328	49.831	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.660%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	15785	11.754	ug/l #	85
17) Carbon Disulfide	2.514	76	2759	0.531	ug/l	96
20) Methylene Chloride	2.794	84	1340	0.515	ug/l #	84

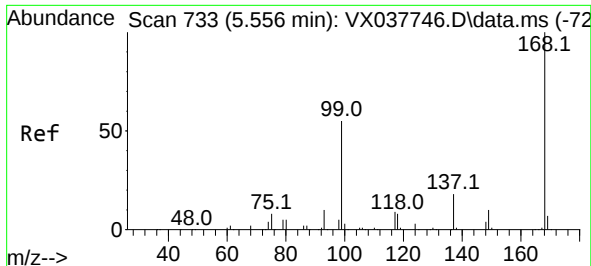
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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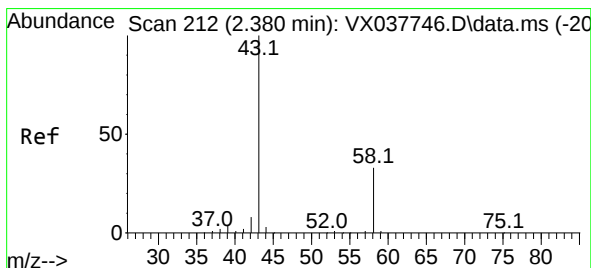
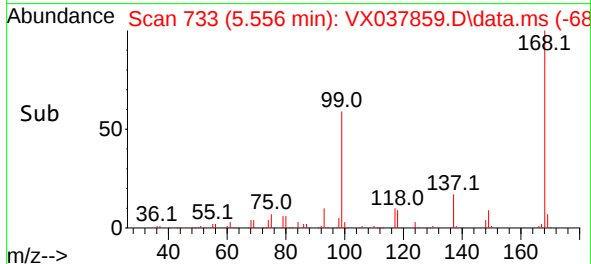
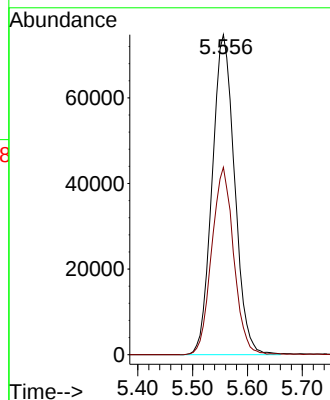
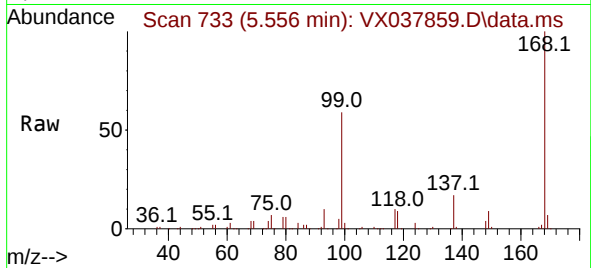




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.006 min
Lab File: VX037859.D
Acq: 21 Sep 2023 16:46

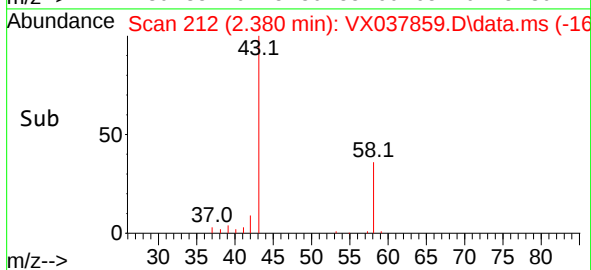
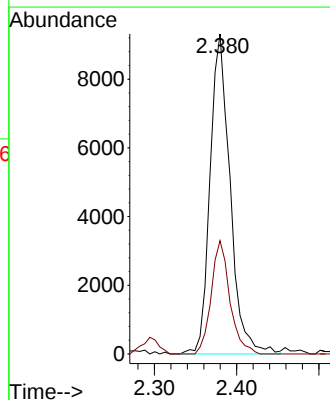
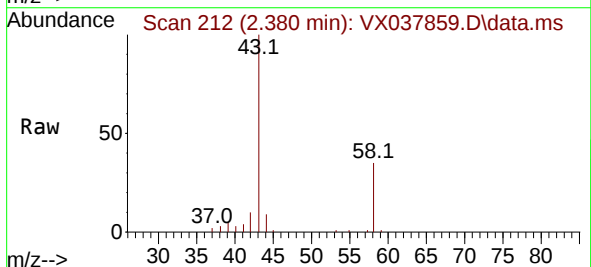
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-A2421

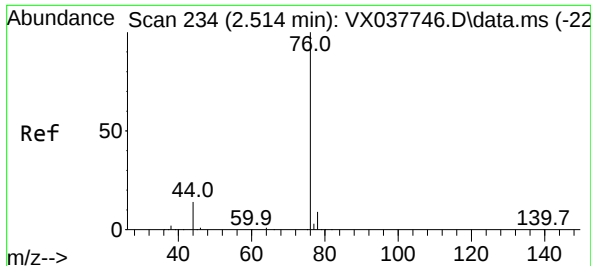
Tgt Ion:168 Resp: 212484
Ion Ratio Lower Upper
168 100
99 58.6 56.6 85.0



#16
Acetone
Concen: 11.754 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX037859.D
Acq: 21 Sep 2023 16:46

Tgt Ion: 43 Resp: 15785
Ion Ratio Lower Upper
43 100
58 35.4 21.9 32.9#

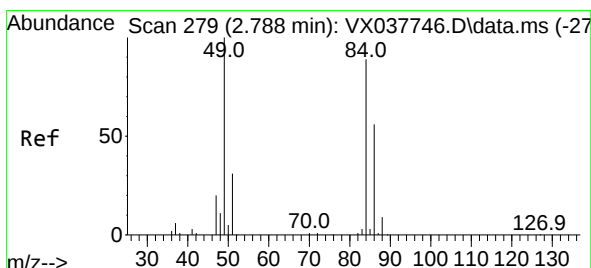
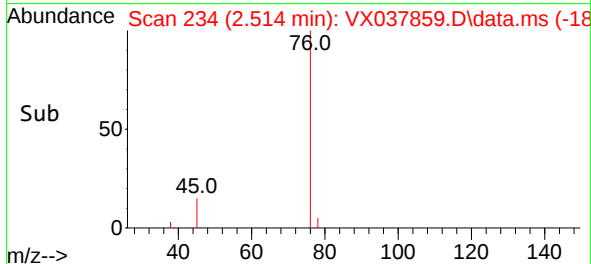
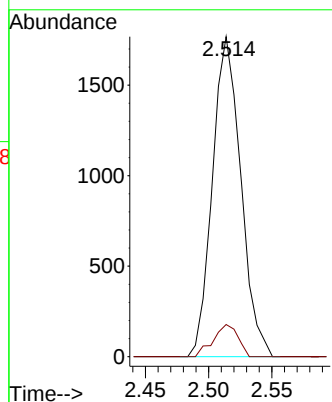
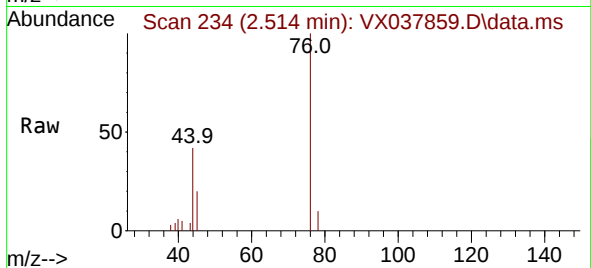




#17
Carbon Disulfide
Concen: 0.531 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037859.D
Acq: 21 Sep 2023 16:46

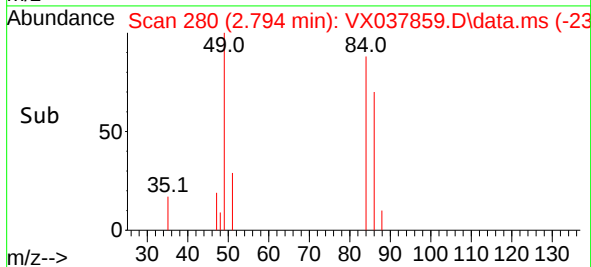
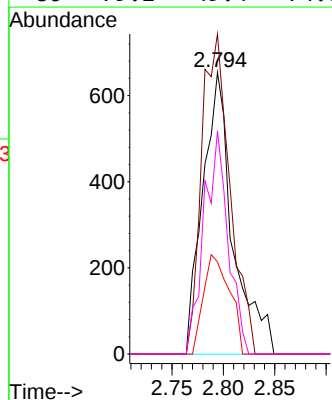
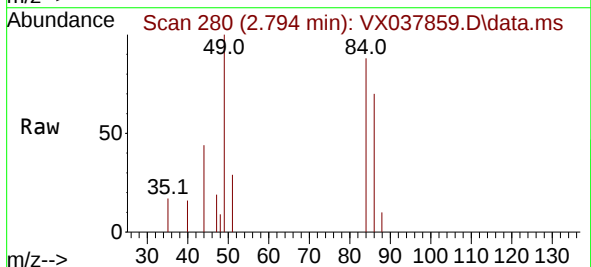
Instrument :
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ClientSampleId :
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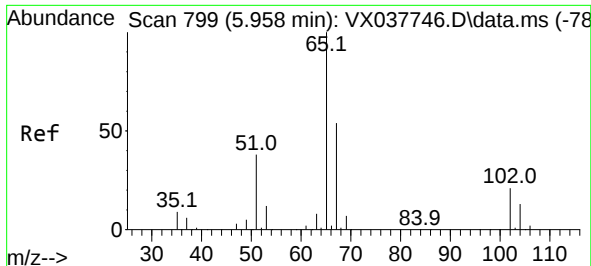
Tgt Ion: 76 Resp: 2759
Ion Ratio Lower Upper
76 100
78 10.1 7.0 10.6



#20
Methylene Chloride
Concen: 0.515 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037859.D
Acq: 21 Sep 2023 16:46

Tgt Ion: 84 Resp: 1340
Ion Ratio Lower Upper
84 100
49 113.6 103.6 155.4
51 32.7 33.8 50.6#
86 79.2 49.4 74.0#

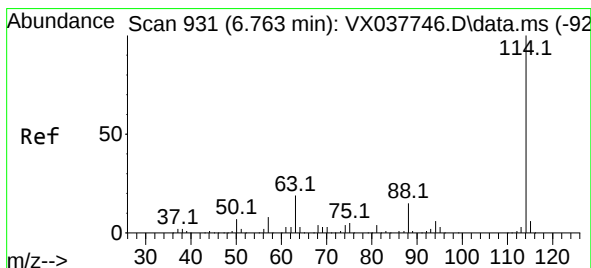
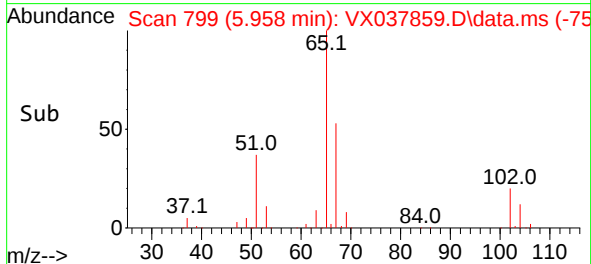
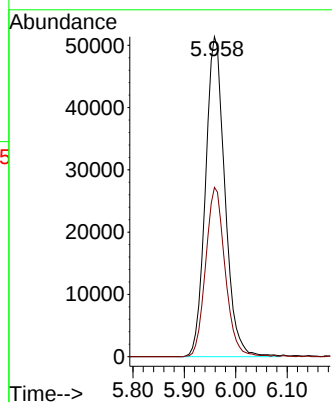
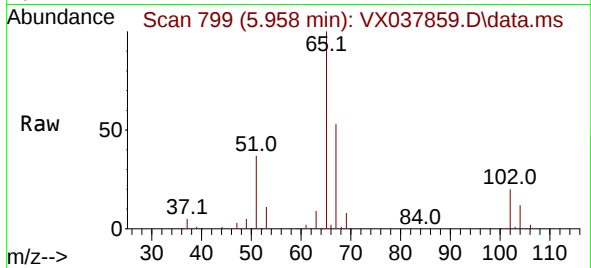




#33
 1,2-Dichloroethane-d4
 Concen: 48.165 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037859.D
 Acq: 21 Sep 2023 16:46

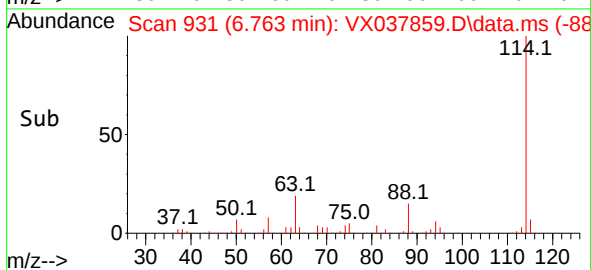
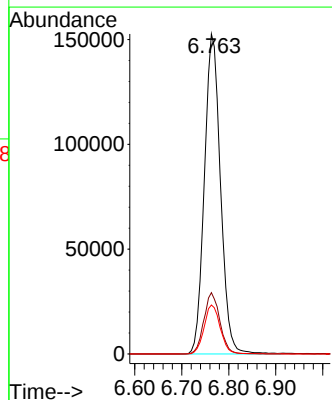
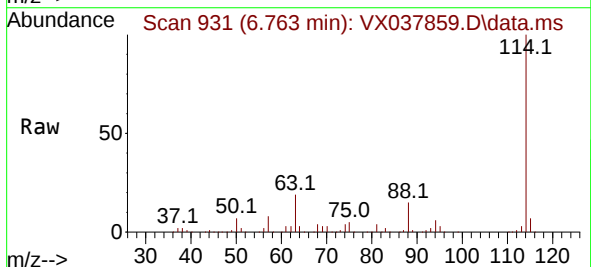
Instrument :
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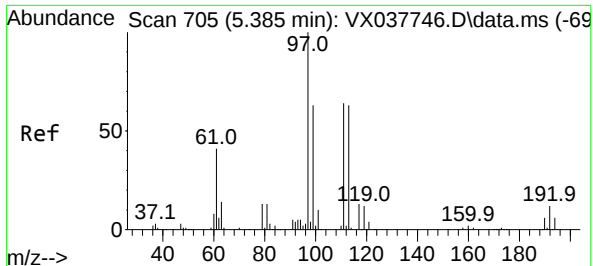
Tgt Ion: 65 Resp: 134463
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX037859.D
 Acq: 21 Sep 2023 16:46

Tgt Ion: 114 Resp: 362806
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 45.0
 88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.133 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037859.D

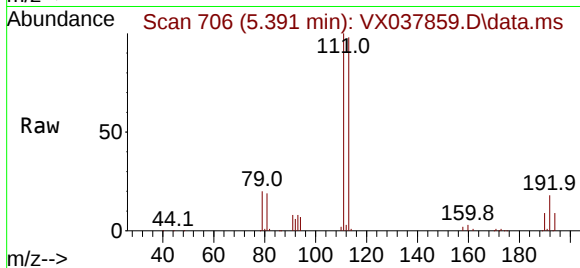
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Instrument :

MSVOA_X

ClientSampleId :

FRAC-TANK-A2421



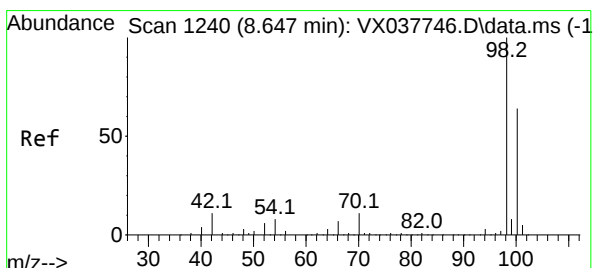
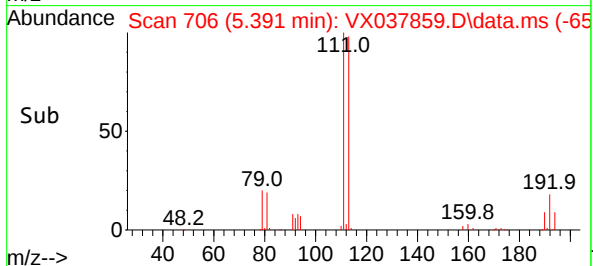
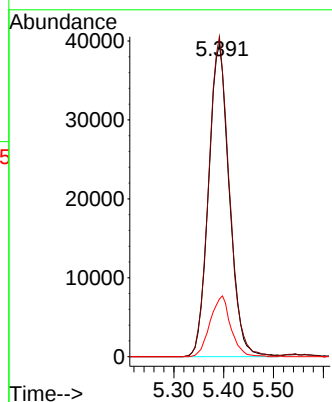
Tgt Ion:113 Resp: 114419

Ion Ratio Lower Upper

113 100

111 101.6 82.9 124.3

192 19.3 13.3 19.9



#50

Toluene-d8

Concen: 49.064 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX037859.D

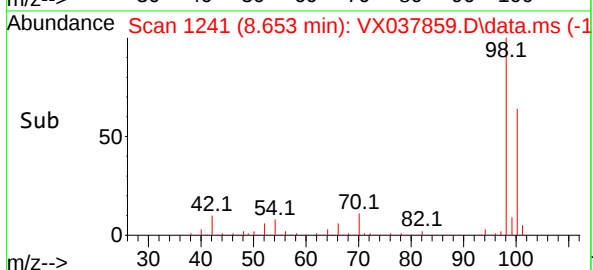
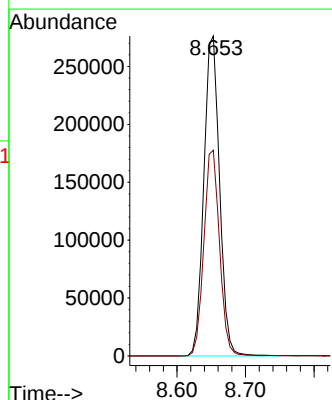
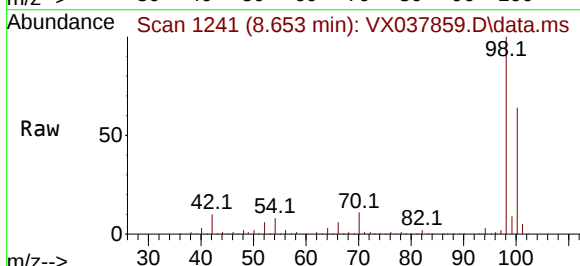
Acq: 21 Sep 2023 16:46

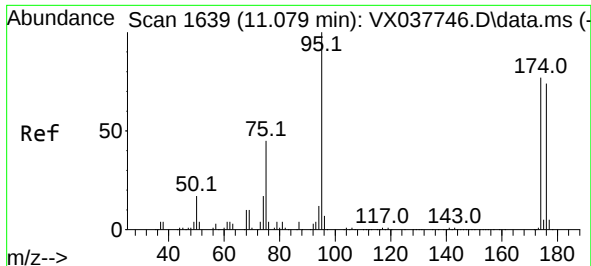
Tgt Ion: 98 Resp: 442550

Ion Ratio Lower Upper

98 100

100 64.0 53.1 79.7

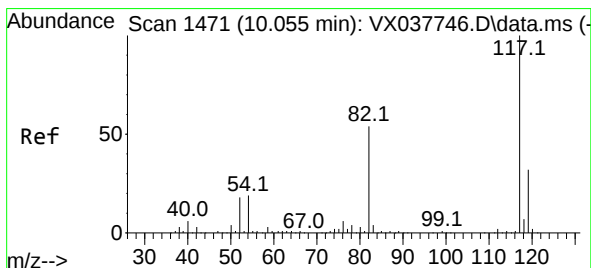
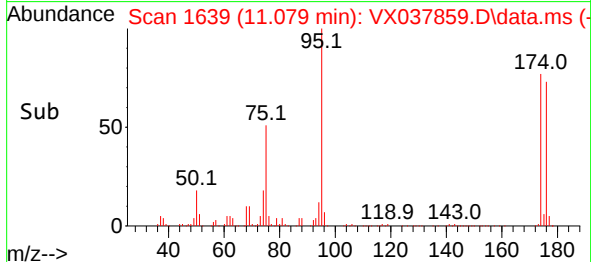
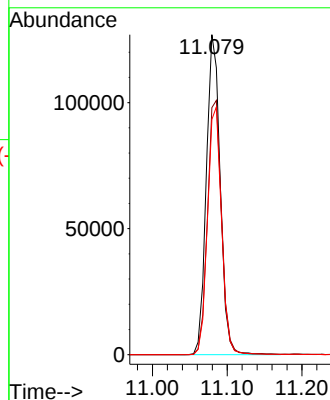
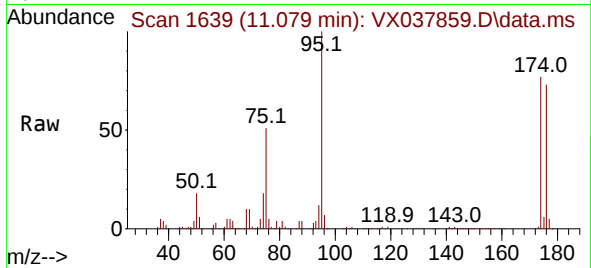




#62
4-Bromofluorobenzene
Concen: 49.831 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037859.D
Acq: 21 Sep 2023 16:46

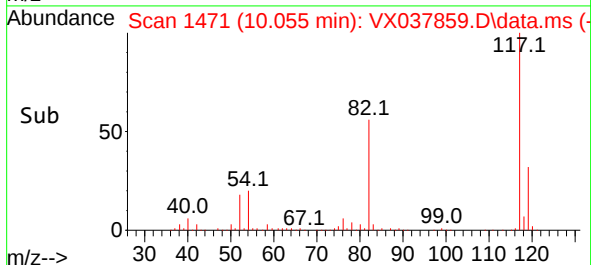
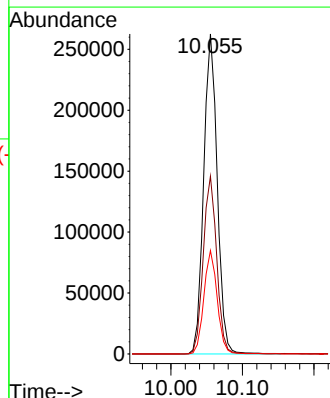
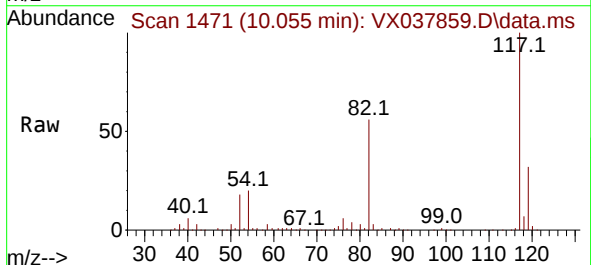
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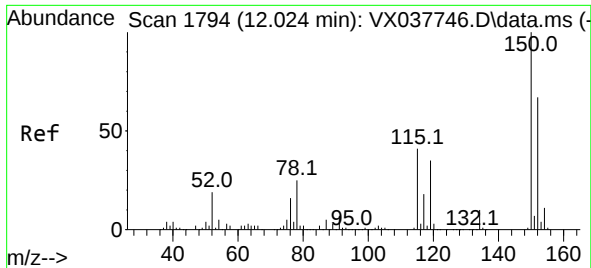
Tgt Ion: 95 Resp: 163328
Ion Ratio Lower Upper
95 100
174 81.4 0.0 135.6
176 78.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037859.D
Acq: 21 Sep 2023 16:46

Tgt Ion: 117 Resp: 346166
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037859.D

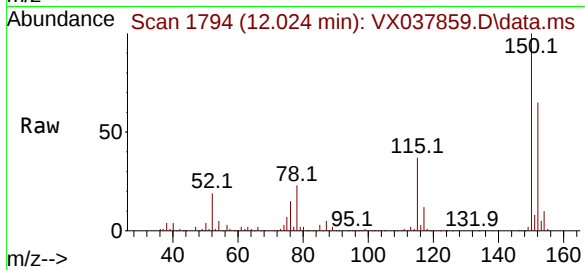
Acq: 21 Sep 2023 16:46

Instrument :

MSVOA_X

ClientSampleId :

FRAC-TANK-A2421



Tgt Ion:152 Resp: 180150

Ion Ratio Lower Upper

152 100

115 58.8 43.3 129.9

150 155.5 0.0 345.0

