

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082323\
 Data File : VX037185.D
 Acq On : 23 Aug 2023 15:53
 Operator : JC/MD
 Sample : 04025-03DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D-20230814DL

Quant Time: Aug 24 05:33:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

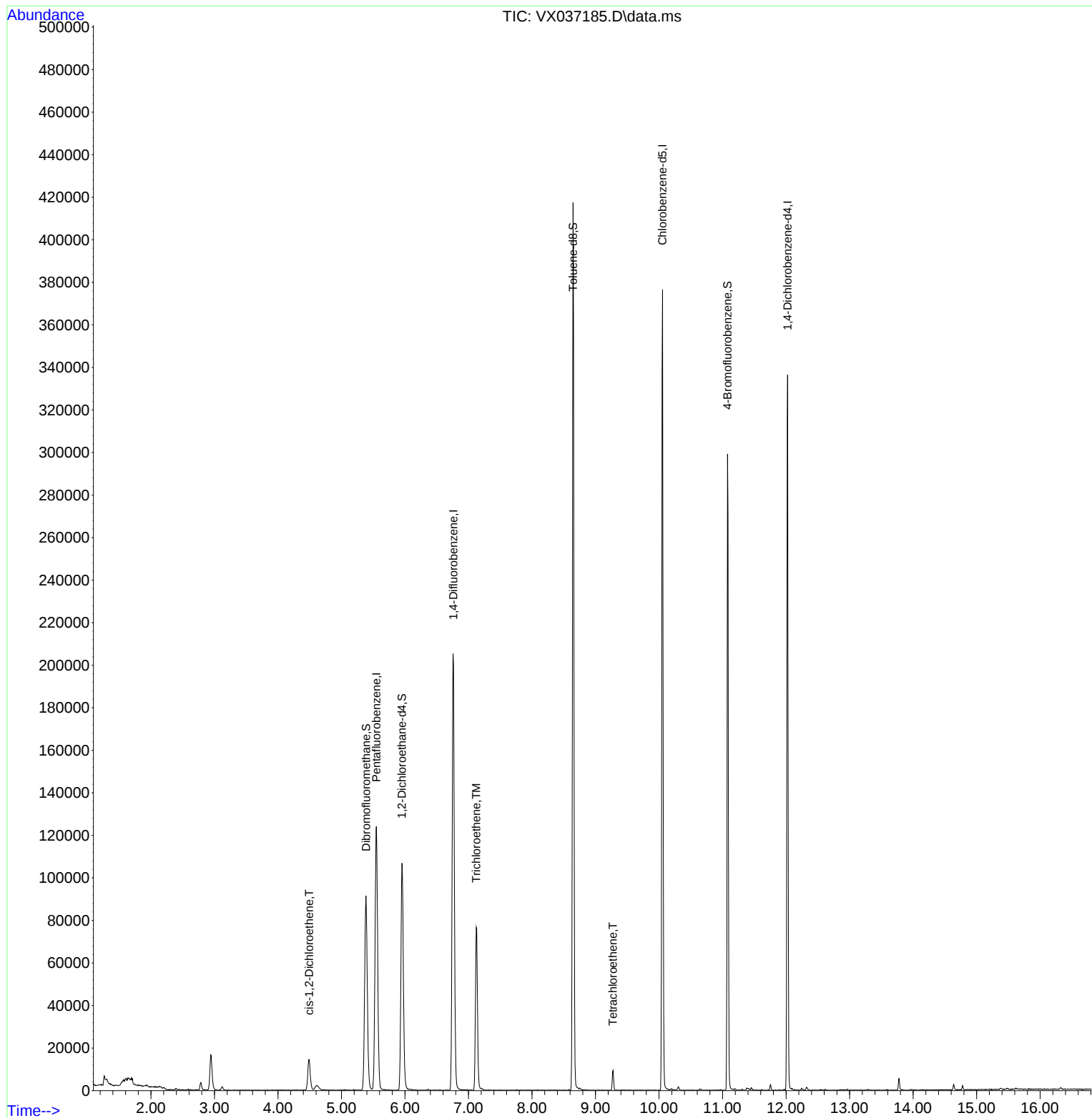
Internal Standards						
1) Pentafluorobenzene	5.550	168	114685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217827	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	107384	64.948	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 129.900%#	
35) Dibromofluoromethane	5.385	113	80917	56.090	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.180%	
50) Toluene-d8	8.647	98	248453	47.479	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.960%	
62) 4-Bromofluorobenzene	11.079	95	84945	41.306	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 82.620%#	
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	4.489	96	9845	6.223	ug/l	79
44) Trichloroethene	7.122	130	30512	18.306	ug/l	97
64) Tetrachloroethene	9.274	164	1733	1.376	ug/l	88

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

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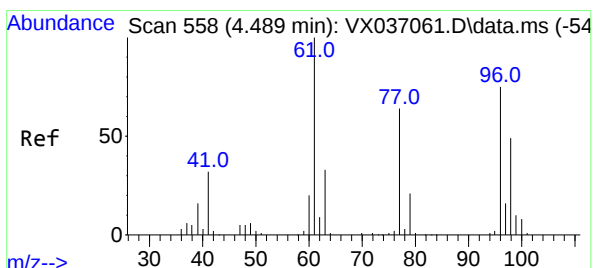
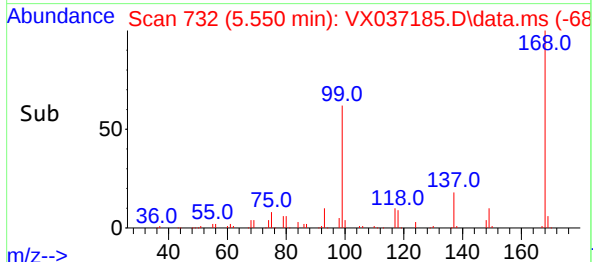
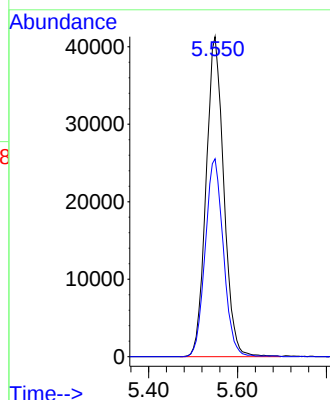
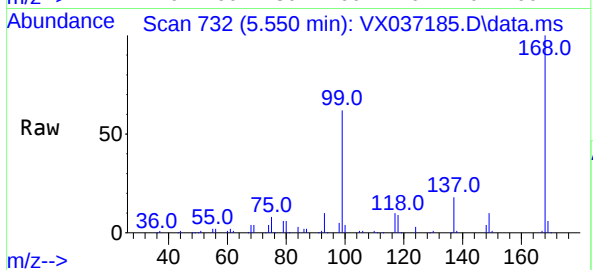




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037185.D
Acq: 23 Aug 2023 15:53

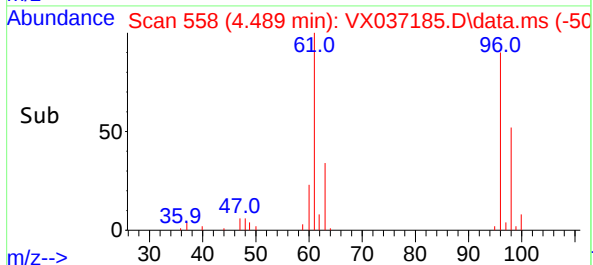
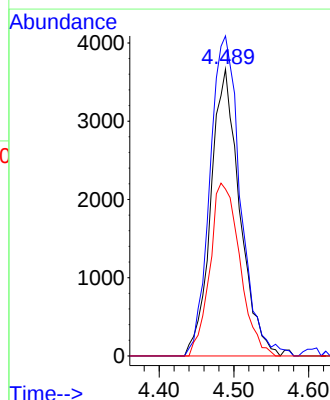
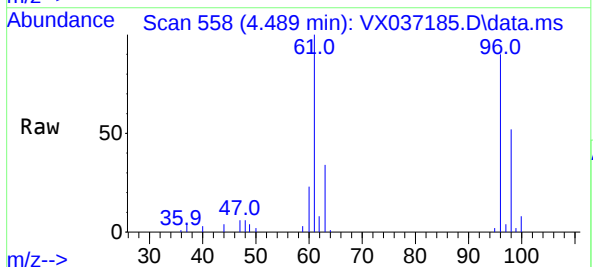
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20230814DL

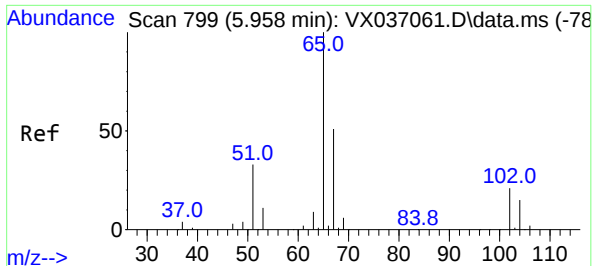
Tgt Ion:168 Resp: 114685
Ion Ratio Lower Upper
168 100
99 61.8 56.6 85.0



#27
cis-1,2-Dichloroethene
Concen: 6.223 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX037185.D
Acq: 23 Aug 2023 15:53

Tgt Ion: 96 Resp: 9845
Ion Ratio Lower Upper
96 100
61 118.1 0.0 312.2
98 62.4 0.0 129.0

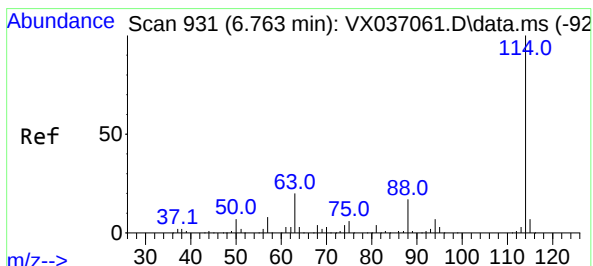
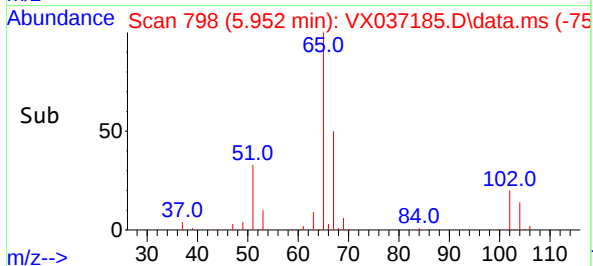
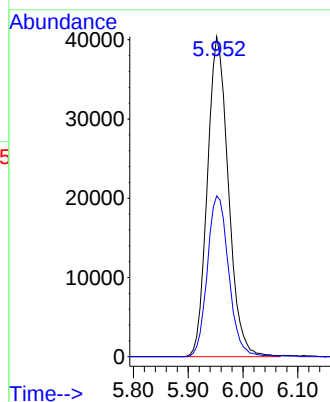
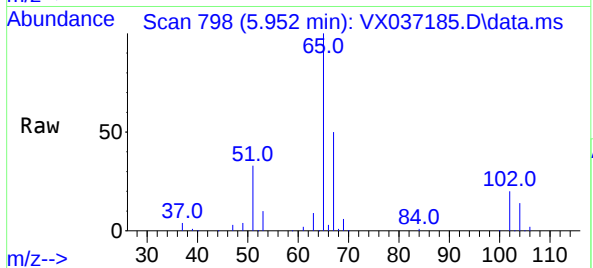




#33
1,2-Dichloroethane-d4
Concen: 64.948 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX037185.D
Acq: 23 Aug 2023 15:53

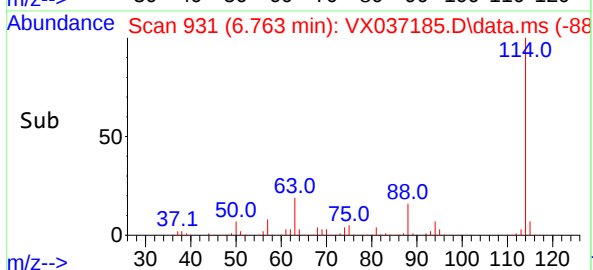
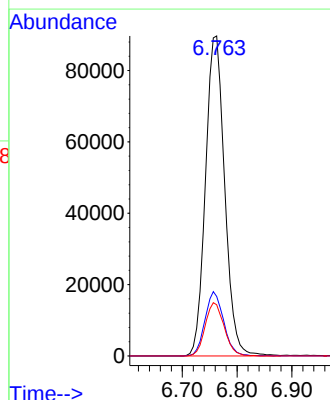
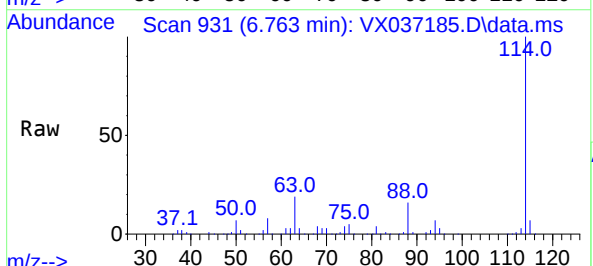
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20230814DL

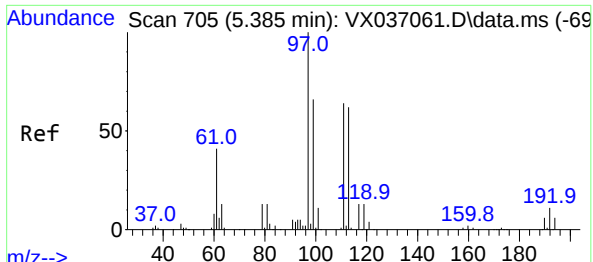
Tgt Ion: 65 Resp: 107384
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037185.D
Acq: 23 Aug 2023 15:53

Tgt Ion: 114 Resp: 217827
Ion Ratio Lower Upper
114 100
63 18.6 0.0 45.0
88 16.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 56.090 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037185.D

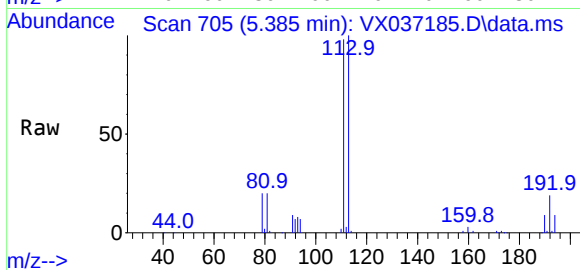
Acq: 23 Aug 2023 15:53

Instrument :

MSVOA_X

ClientSampleId :

MW179D-20230814DL



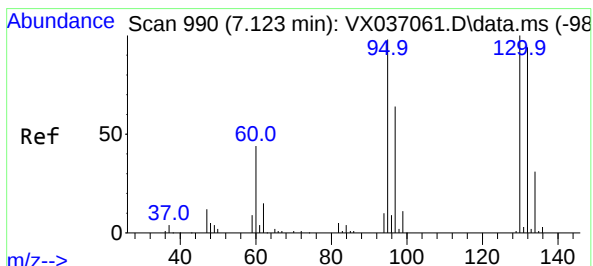
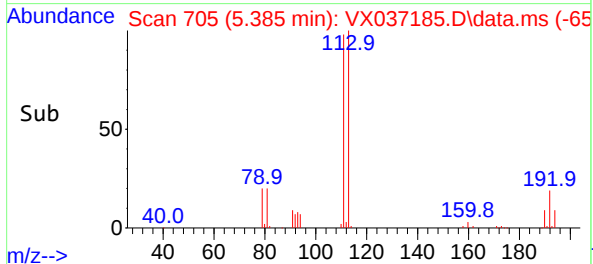
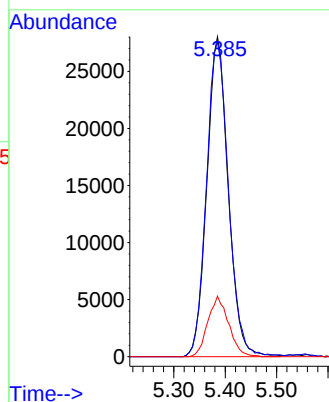
Tgt Ion:113 Resp: 80917

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

192 18.4 13.3 19.9



#44

Trichloroethene

Concen: 18.306 ug/l

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX037185.D

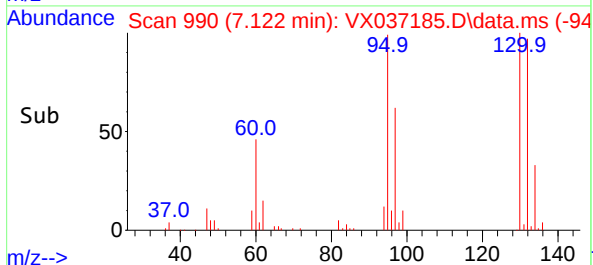
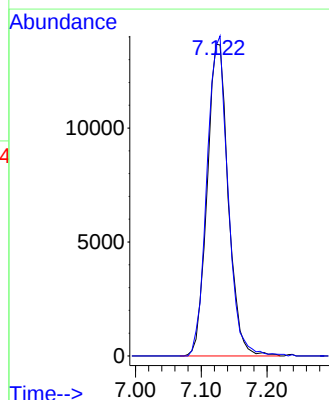
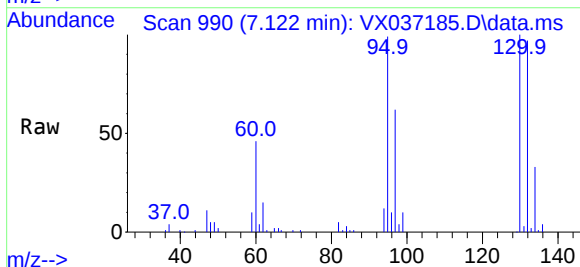
Acq: 23 Aug 2023 15:53

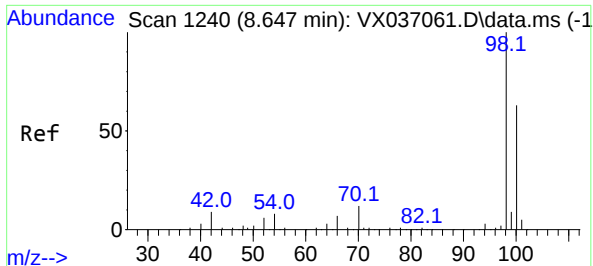
Tgt Ion:130 Resp: 30512

Ion Ratio Lower Upper

130 100

95 99.4 0.0 204.4

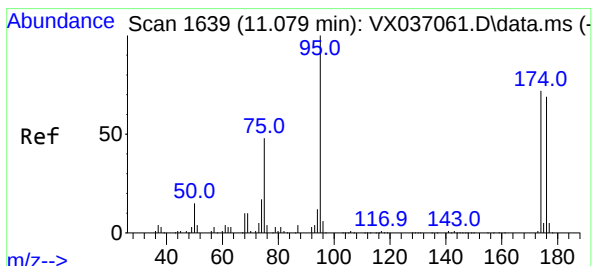
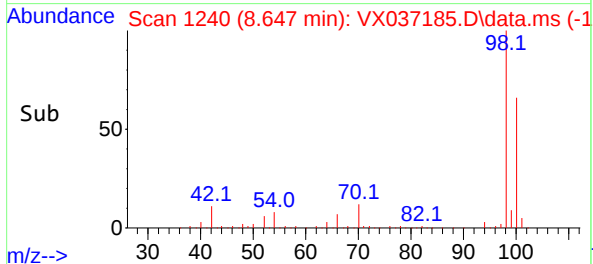
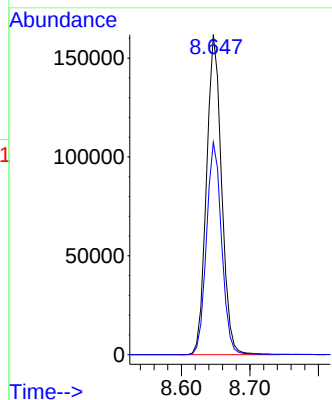
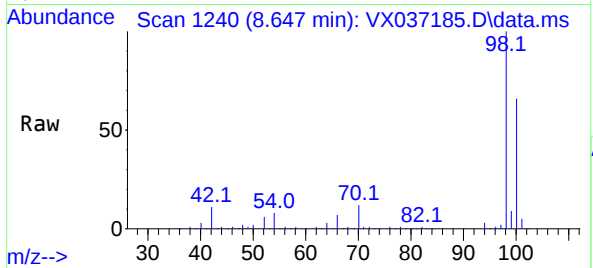




#50
Toluene-d8
Concen: 47.479 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037185.D
Acq: 23 Aug 2023 15:53

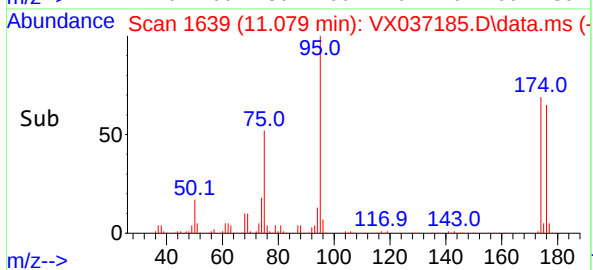
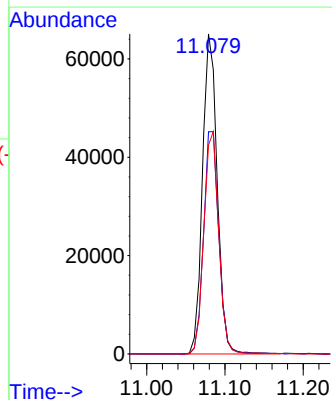
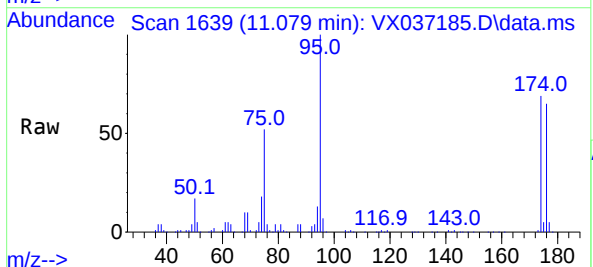
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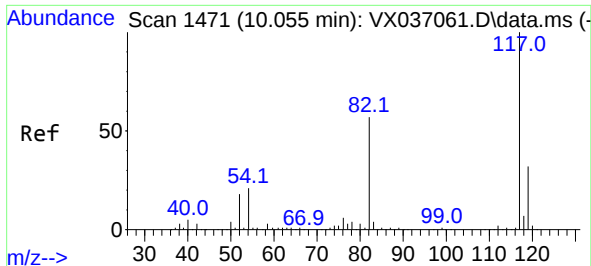
Tgt Ion: 98 Resp: 248453
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 41.306 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037185.D
Acq: 23 Aug 2023 15:53

Tgt Ion: 95 Resp: 84945
Ion Ratio Lower Upper
95 100
174 71.6 0.0 135.6
176 70.3 0.0 131.0

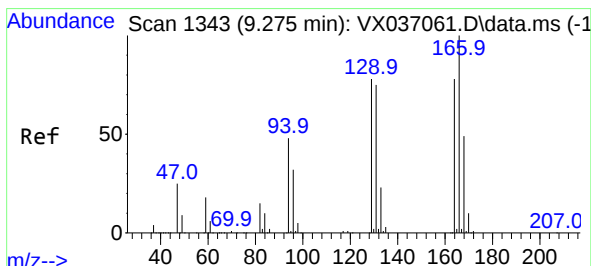
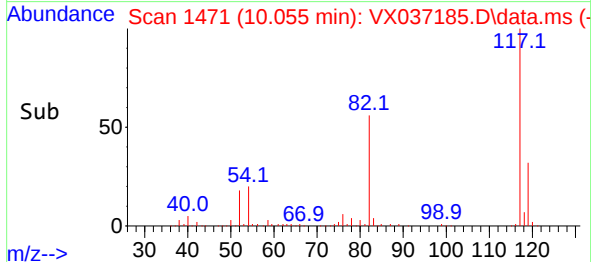
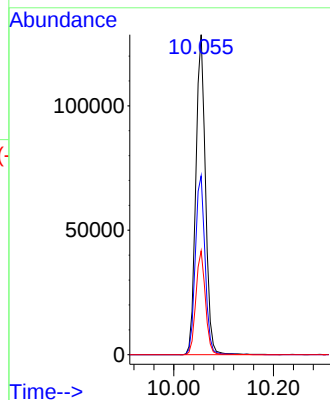
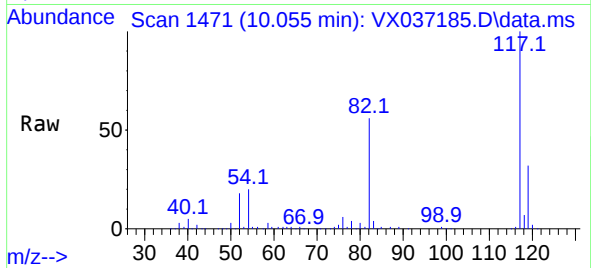




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037185.D
Acq: 23 Aug 2023 15:53

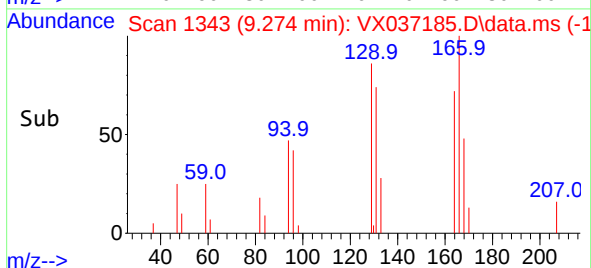
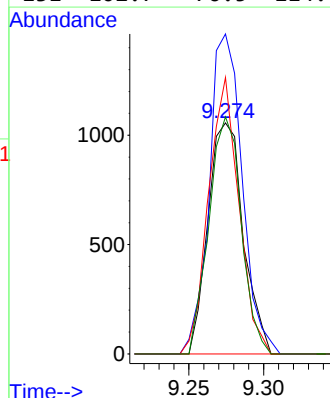
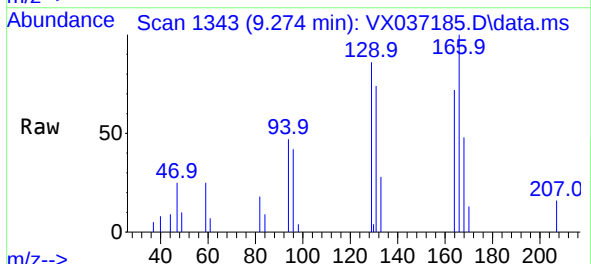
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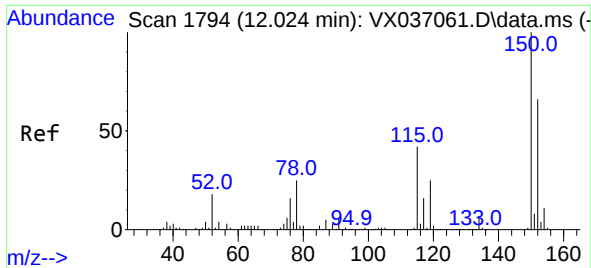
Tgt Ion:117 Resp: 172635
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 1.376 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037185.D
Acq: 23 Aug 2023 15:53

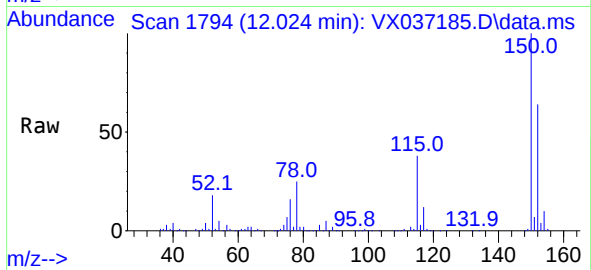
Tgt Ion:164 Resp: 1733
Ion Ratio Lower Upper
164 100
166 138.5 102.7 154.1
129 119.7 80.4 120.6
131 102.7 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037185.D
 Acq: 23 Aug 2023 15:53

Instrument :
 MSVOA_X
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Tgt Ion:152 Resp: 70034
 Ion Ratio Lower Upper
 152 100
 115 63.3 43.3 129.9
 150 157.8 0.0 345.0

