

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037299.D
 Acq On : 28 Aug 2023 17:00
 Operator : JC/MD
 Sample : 04126-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D1-20230819

Quant Time: Aug 29 01:00:39 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)

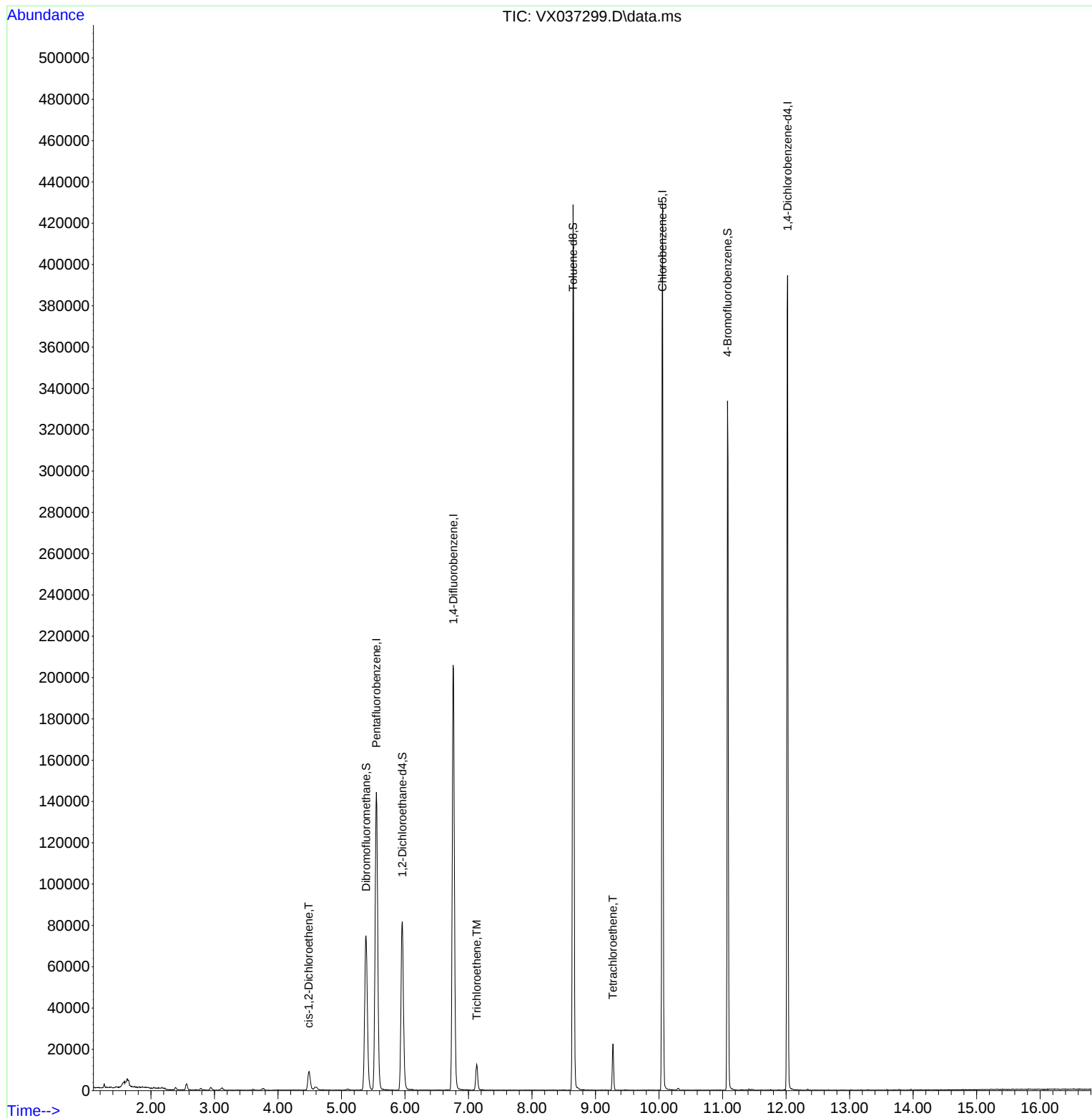
Internal Standards						
1) Pentafluorobenzene	5.550	168	136162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	220867	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83047	42.306	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.620%
35) Dibromofluoromethane	5.385	113	67246	45.972	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.940%
50) Toluene-d8	8.647	98	259729	48.951	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.900%
62) 4-Bromofluorobenzene	11.079	95	93589	44.883	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.760%
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	4.483	96	6528	3.475	ug/l	77
44) Trichloroethene	7.129	130	5276	3.122	ug/l	94
64) Tetrachloroethene	9.275	164	4267	2.998	ug/l	96

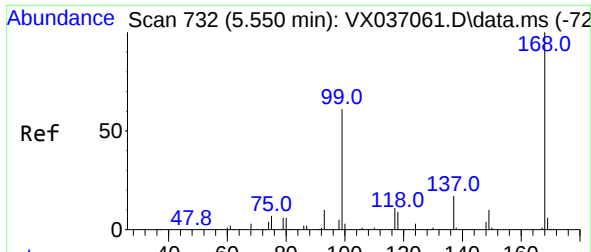
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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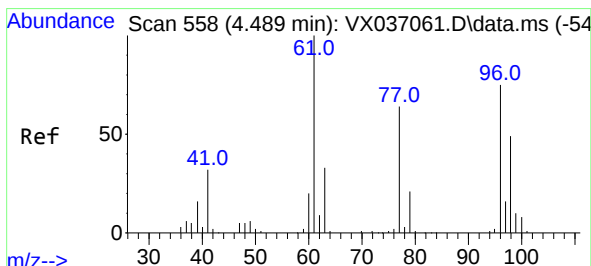
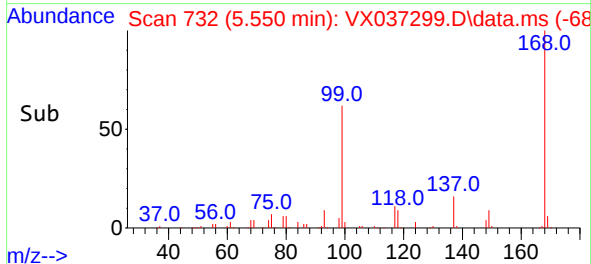
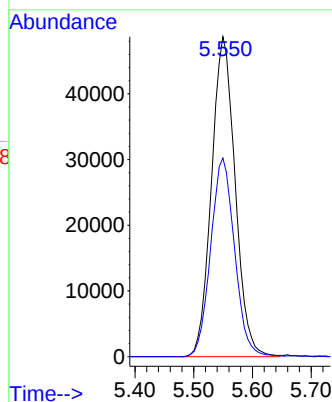
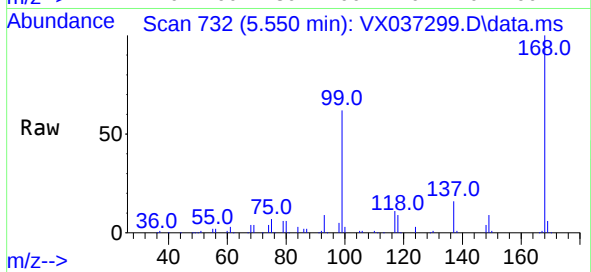




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037299.D
Acq: 28 Aug 2023 17:00

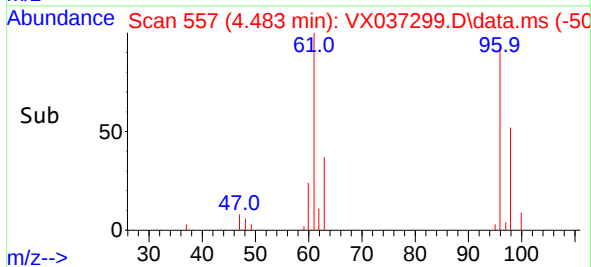
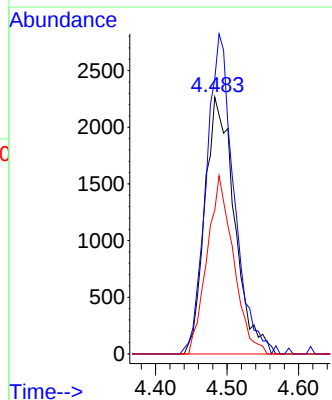
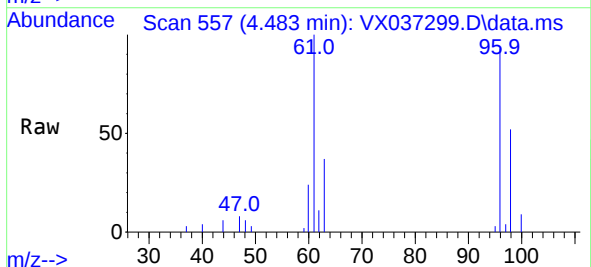
Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20230819

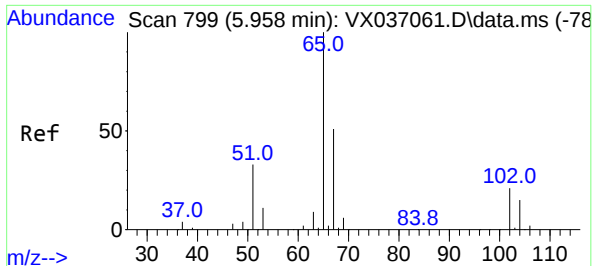
Tgt Ion:168 Resp: 136162
Ion Ratio Lower Upper
168 100
99 62.0 56.6 85.0



#27
cis-1,2-Dichloroethene
Concen: 3.475 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX037299.D
Acq: 28 Aug 2023 17:00

Tgt Ion: 96 Resp: 6528
Ion Ratio Lower Upper
96 100
61 116.2 0.0 312.2
98 61.6 0.0 129.0

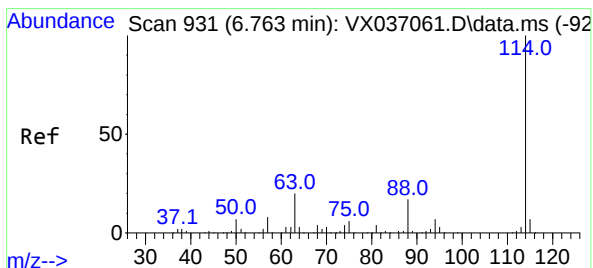
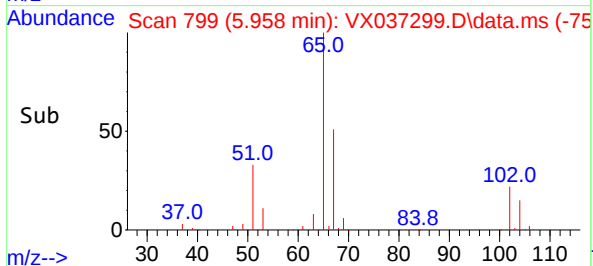
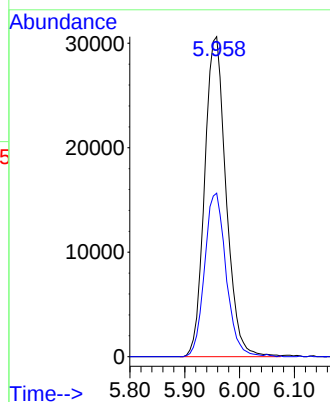
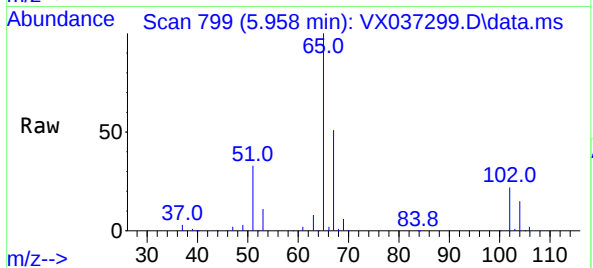




#33
1,2-Dichloroethane-d4
Concen: 42.306 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037299.D
Acq: 28 Aug 2023 17:00

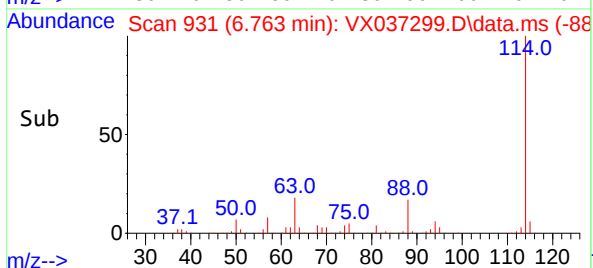
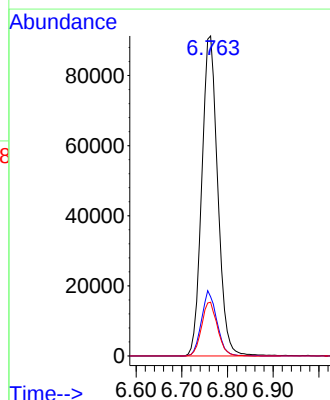
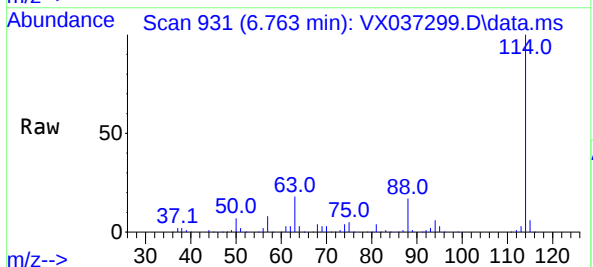
Instrument : MSVOA_X
ClientSampleId : MW202D1-20230819

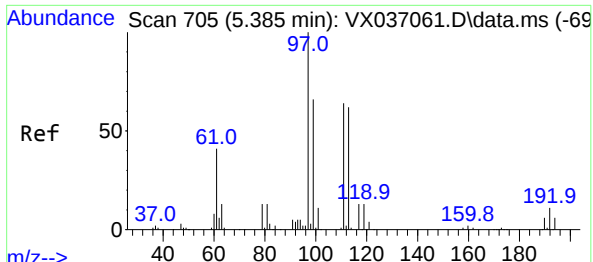
Tgt Ion: 65 Resp: 83047
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037299.D
Acq: 28 Aug 2023 17:00

Tgt Ion: 114 Resp: 220867
Ion Ratio Lower Upper
114 100
63 18.5 0.0 45.0
88 16.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.972 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037299.D

Acq: 28 Aug 2023 17:00

Instrument :

MSVOA_X

ClientSampleId :

MW202D1-20230819

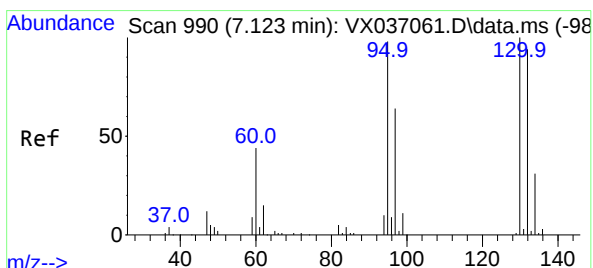
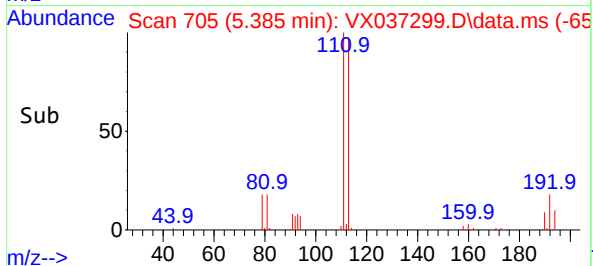
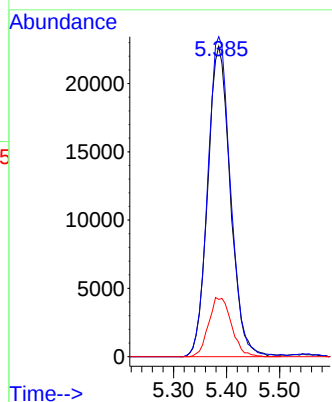
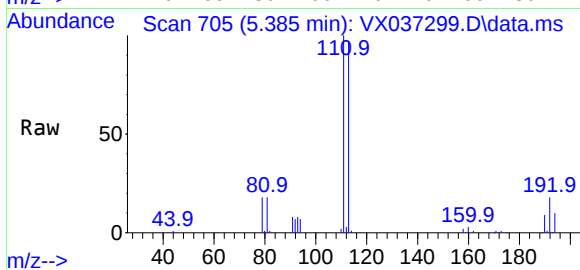
Tgt Ion:113 Resp: 67246

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

192 19.2 13.3 19.9



#44

Trichloroethene

Concen: 3.122 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037299.D

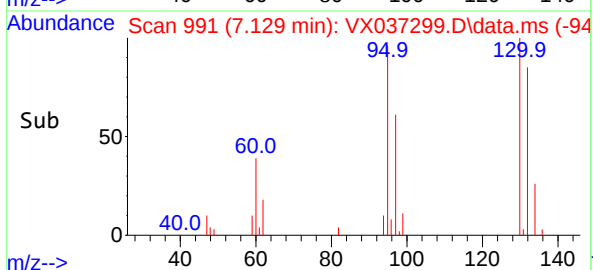
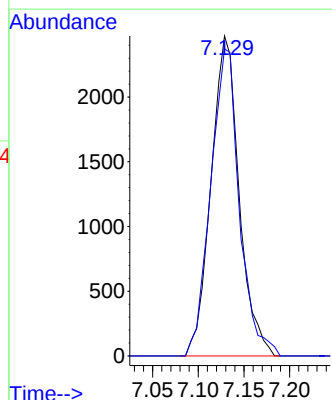
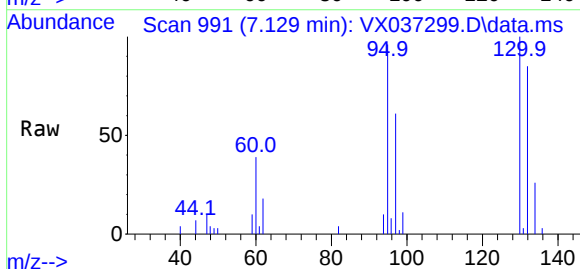
Acq: 28 Aug 2023 17:00

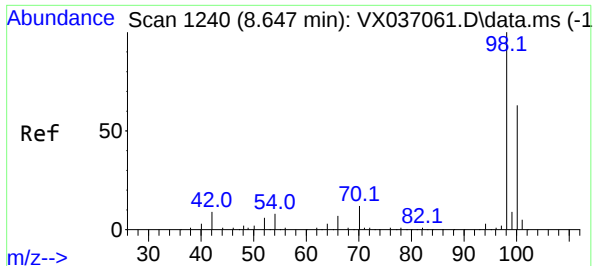
Tgt Ion:130 Resp: 5276

Ion Ratio Lower Upper

130 100

95 96.0 0.0 204.4

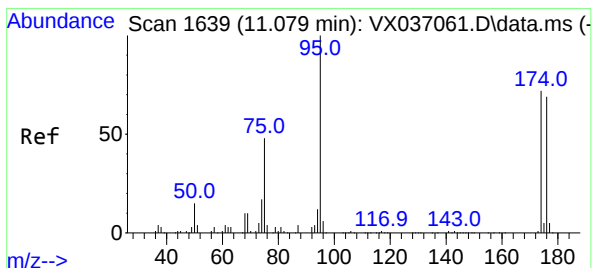
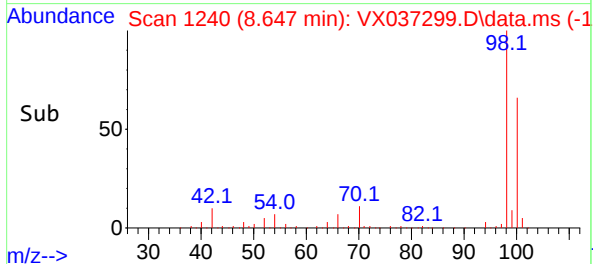
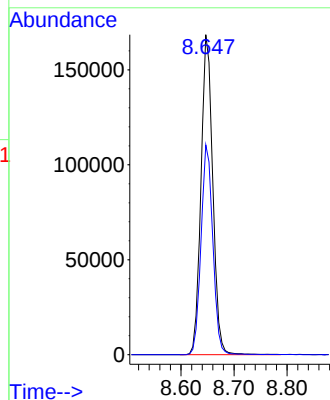
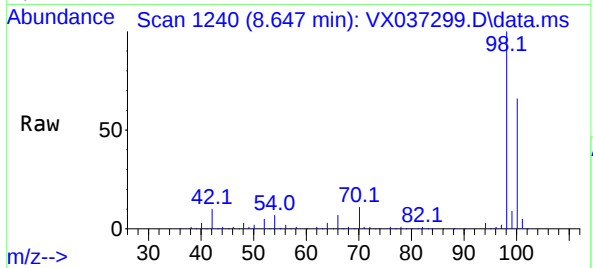




#50
Toluene-d8
Concen: 48.951 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037299.D
Acq: 28 Aug 2023 17:00

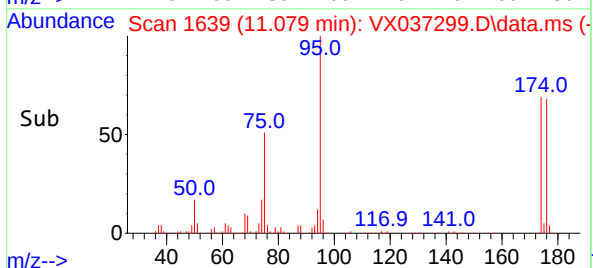
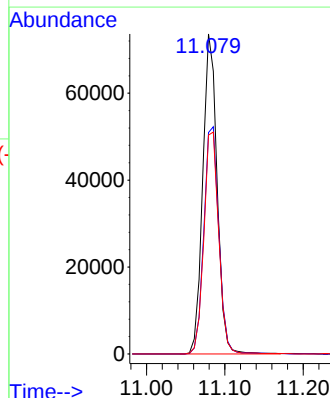
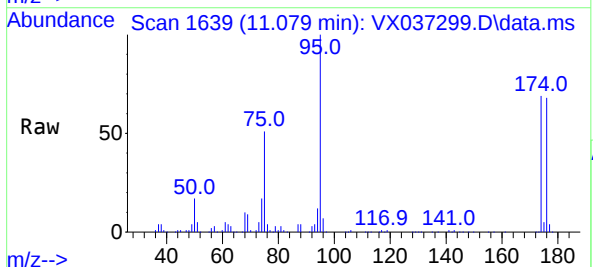
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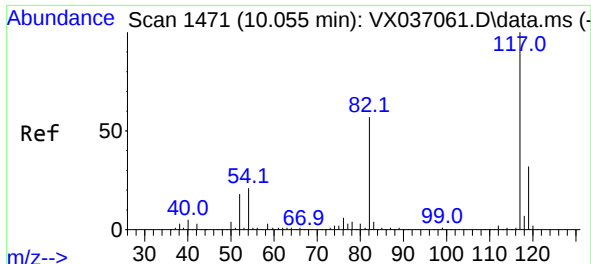
Tgt Ion: 98 Resp: 259729
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.883 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037299.D
Acq: 28 Aug 2023 17:00

Tgt Ion: 95 Resp: 93589
Ion Ratio Lower Upper
95 100
174 74.0 0.0 135.6
176 72.0 0.0 131.0

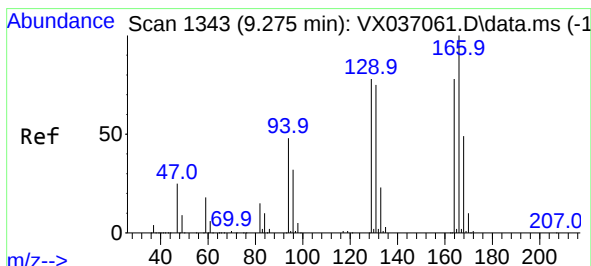
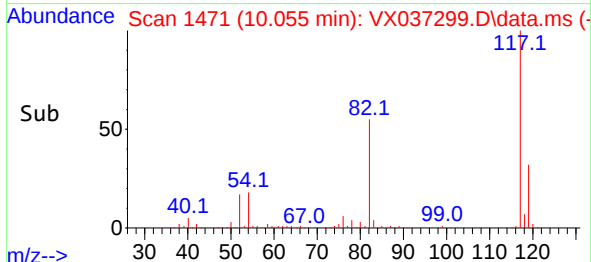
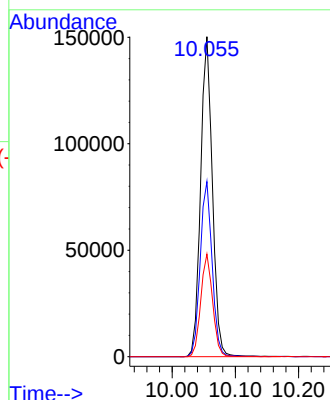
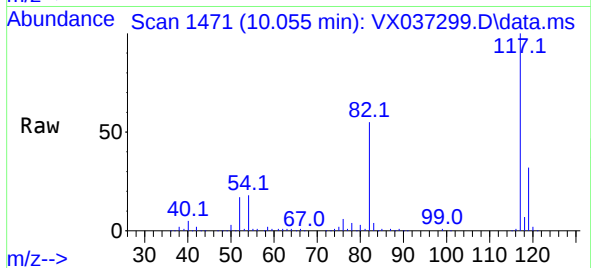




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037299.D
Acq: 28 Aug 2023 17:00

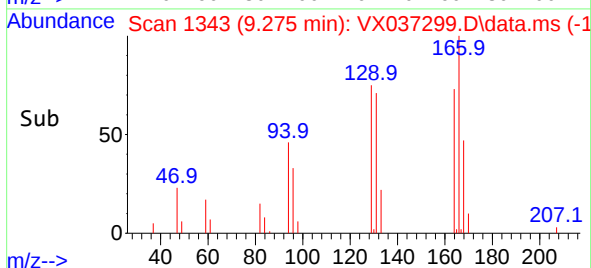
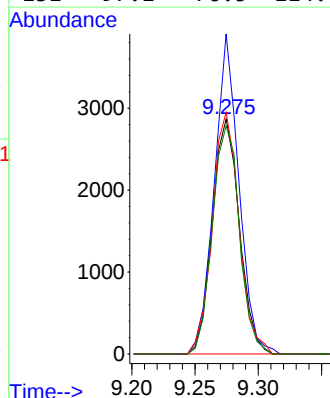
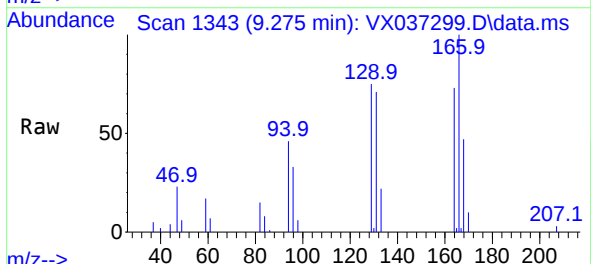
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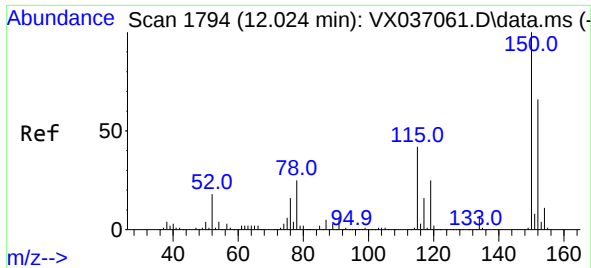
Tgt Ion:117 Resp: 195092
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 2.998 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037299.D
Acq: 28 Aug 2023 17:00

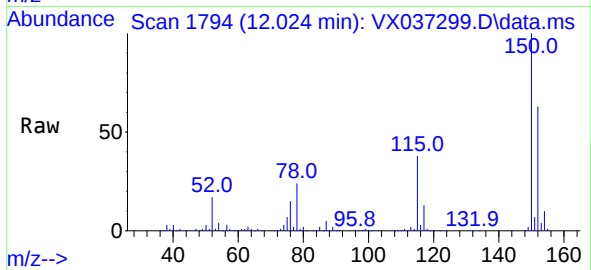
Tgt Ion:164 Resp: 4267
Ion Ratio Lower Upper
164 100
166 136.2 102.7 154.1
129 102.8 80.4 120.6
131 97.1 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037299.D
 Acq: 28 Aug 2023 17:00

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D1-20230819



Tgt Ion:152 Resp: 84733
 Ion Ratio Lower Upper
 152 100
 115 62.3 43.3 129.9
 150 156.5 0.0 345.0

