

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082523\
 Data File : VX037265.D
 Acq On : 25 Aug 2023 12:43
 Operator : JC/MD
 Sample : 04051-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20230816

Quant Time: Aug 26 02:19:31 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)

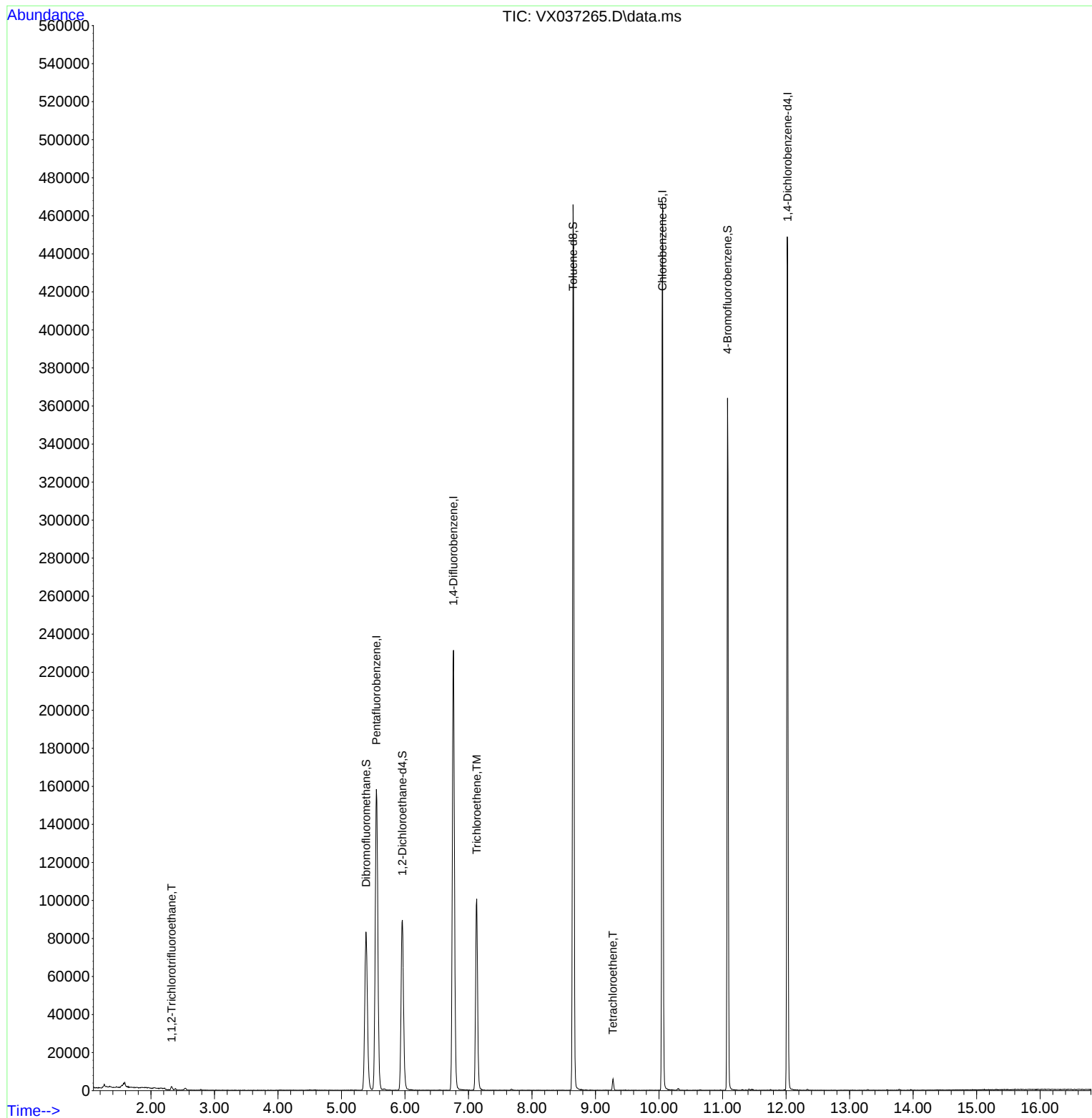
Internal Standards						
1) Pentafluorobenzene	5.550	168	147975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	242489	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91723	42.995	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.000%
35) Dibromofluoromethane	5.385	113	73824	45.969	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.940%
50) Toluene-d8	8.647	98	282673	48.524	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.040%
62) 4-Bromofluorobenzene	11.079	95	103940	45.403	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.800%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	772	0.494	ug/l	95
44) Trichloroethene	7.129	130	40822	22.001	ug/l	92
64) Tetrachloroethene	9.275	164	1119	0.722	ug/l	93

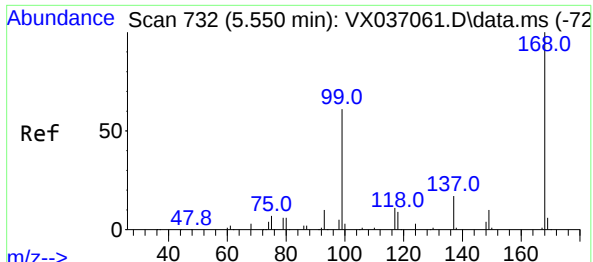
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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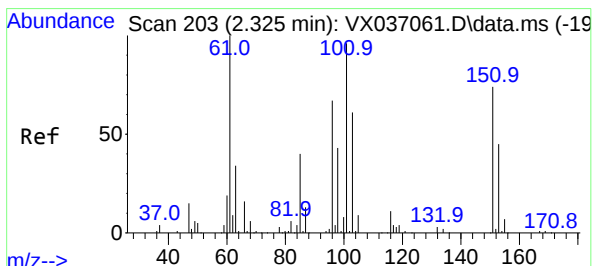
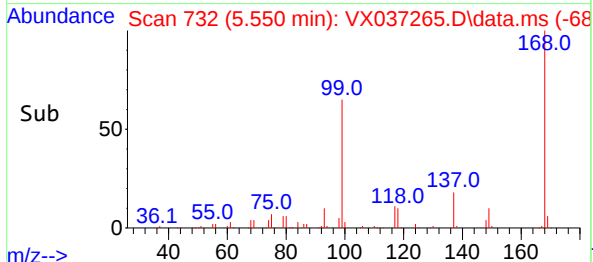
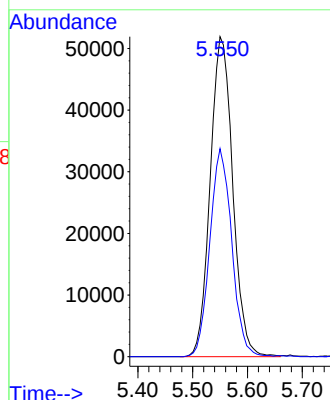
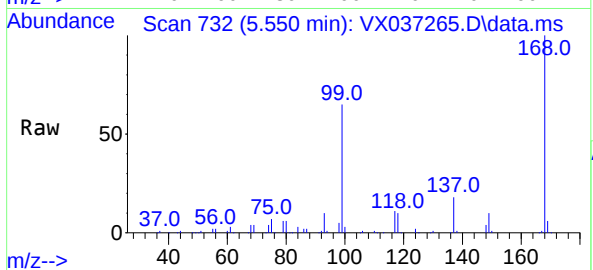




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037265.D
Acq: 25 Aug 2023 12:43

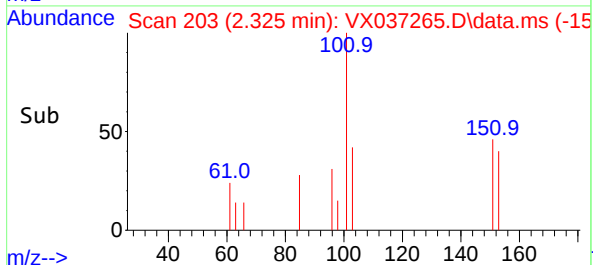
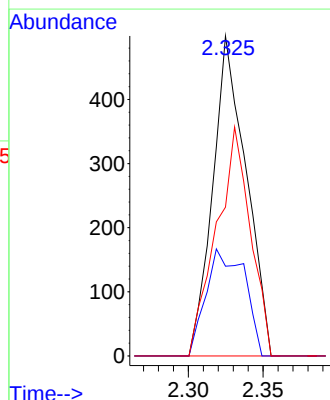
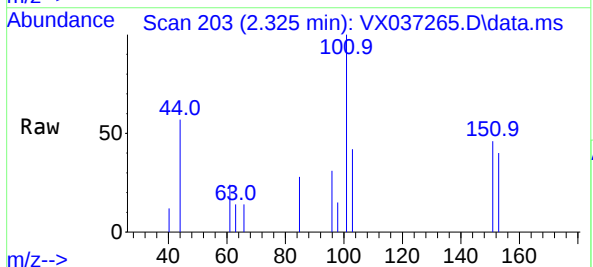
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20230816

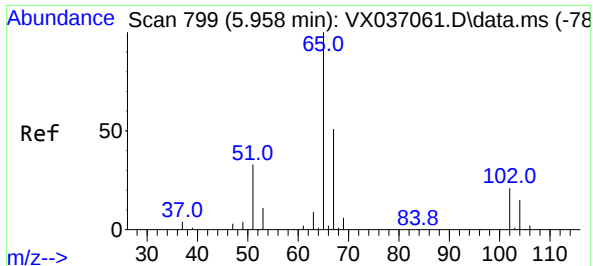
Tgt Ion:168 Resp: 147975
Ion Ratio Lower Upper
168 100
99 65.0 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.494 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037265.D
Acq: 25 Aug 2023 12:43

Tgt Ion:101 Resp: 772
Ion Ratio Lower Upper
101 100
85 38.5 37.0 55.6
151 72.9 58.6 87.8

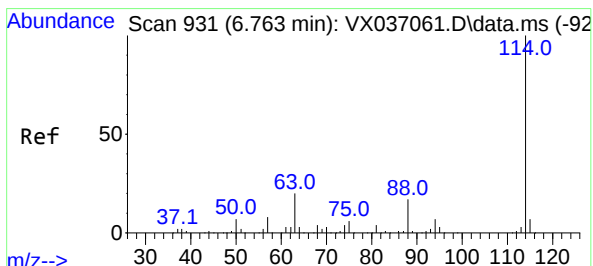
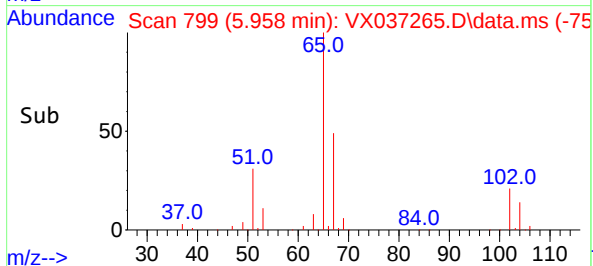
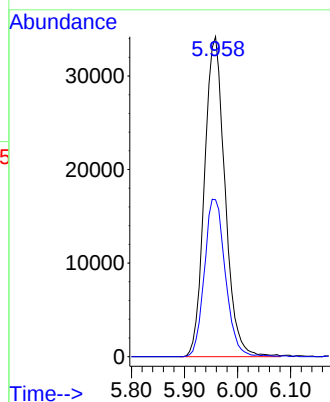
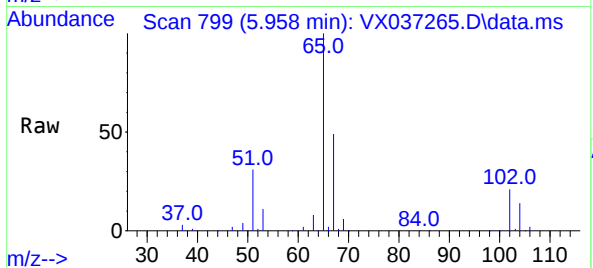




#33
 1,2-Dichloroethane-d4
 Concen: 42.995 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037265.D
 Acq: 25 Aug 2023 12:43

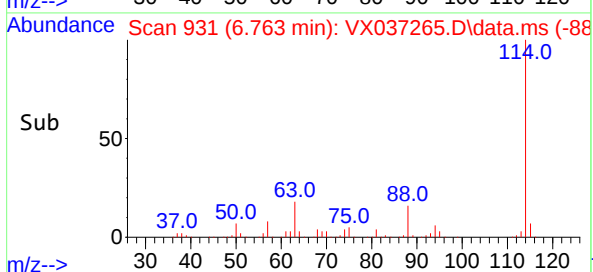
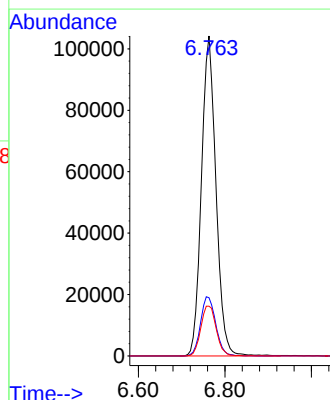
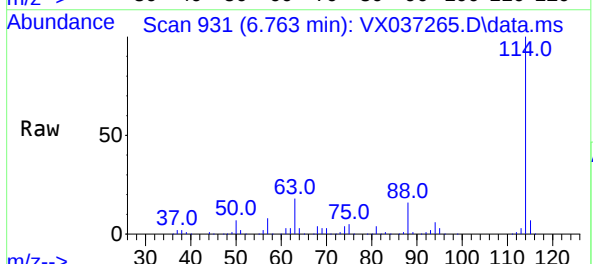
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20230816

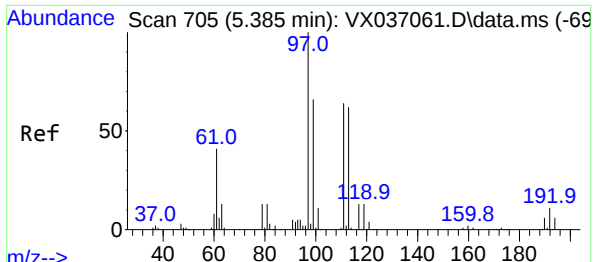
Tgt Ion: 65 Resp: 91723
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX037265.D
 Acq: 25 Aug 2023 12:43

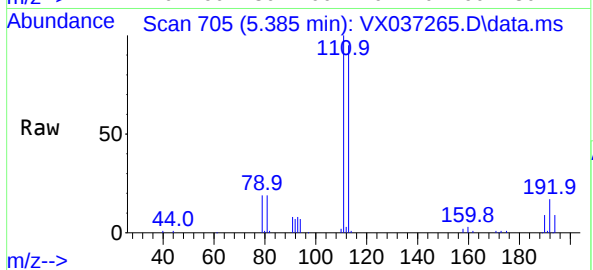
Tgt Ion: 114 Resp: 242489
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 45.0
 88 15.5 0.0 36.6



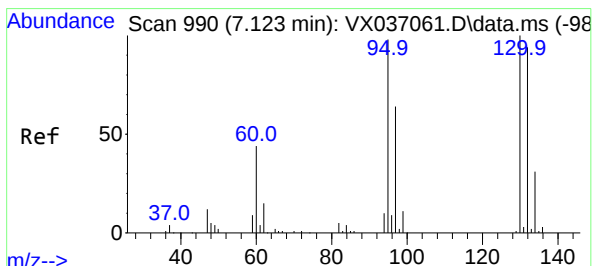
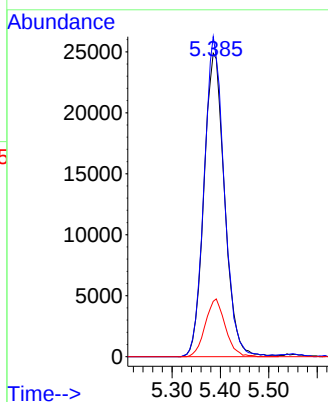
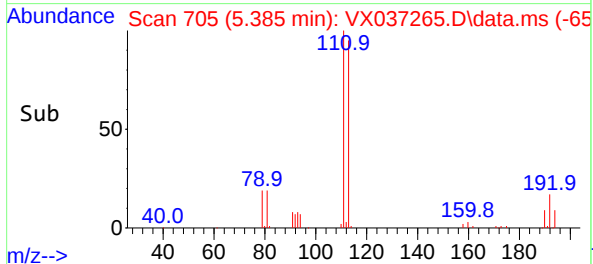


#35
Dibromofluoromethane
Concen: 45.969 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037265.D
Acq: 25 Aug 2023 12:43

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20230816

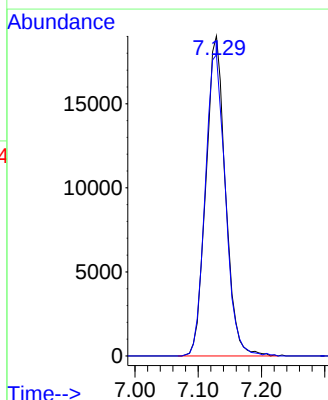
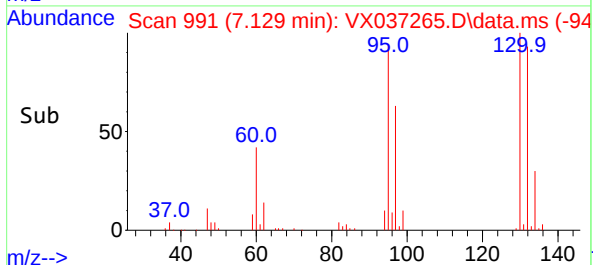
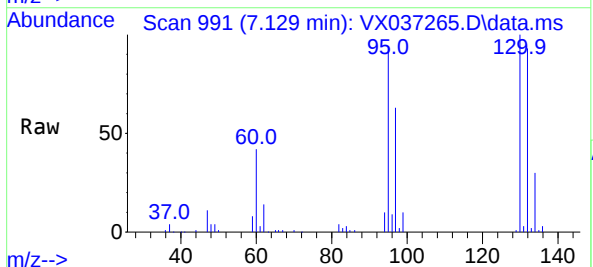


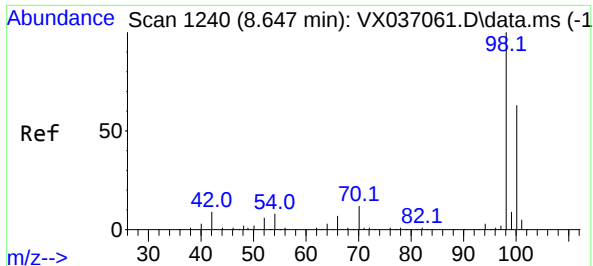
Tgt Ion:113 Resp: 73824
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.5 13.3 19.9



#44
Trichloroethene
Concen: 22.001 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037265.D
Acq: 25 Aug 2023 12:43

Tgt Ion:130 Resp: 40822
Ion Ratio Lower Upper
130 100
95 94.2 0.0 204.4

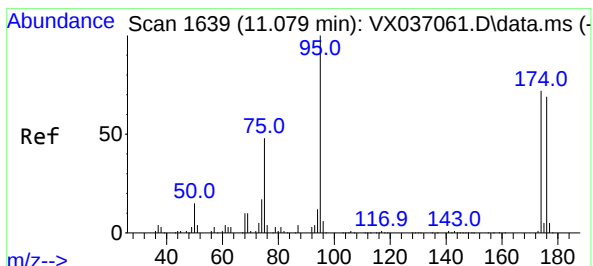
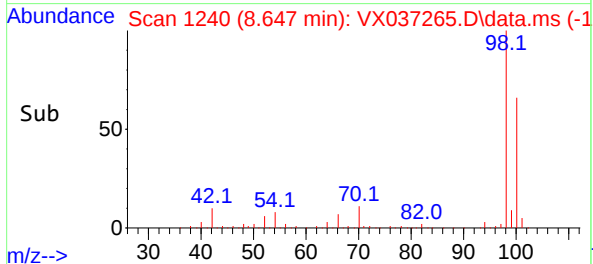
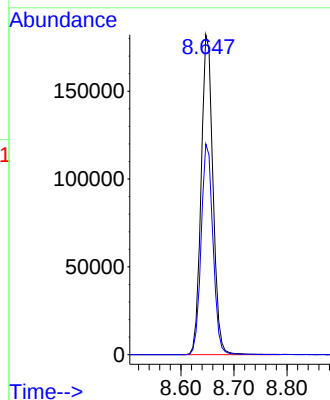
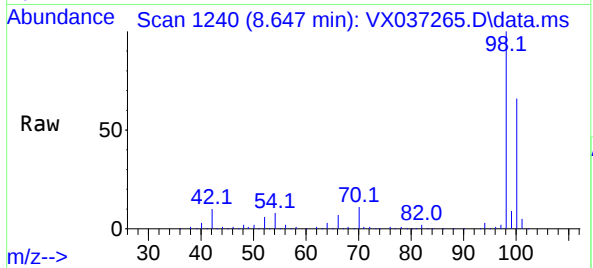




#50
Toluene-d8
Concen: 48.524 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037265.D
Acq: 25 Aug 2023 12:43

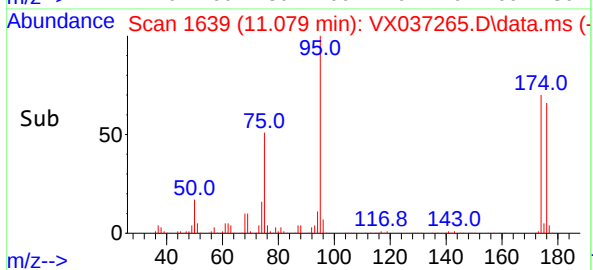
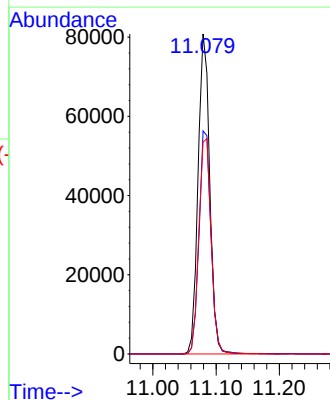
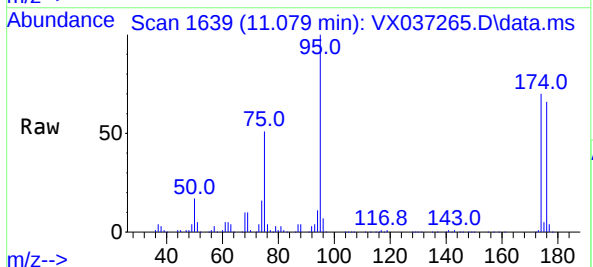
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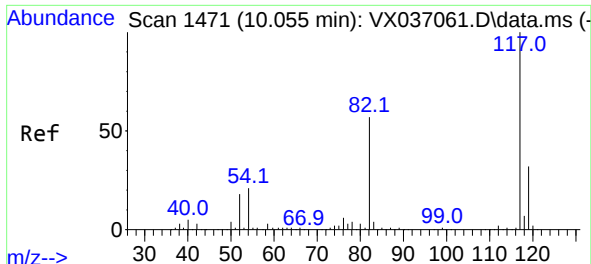
Tgt Ion: 98 Resp: 282673
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.403 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037265.D
Acq: 25 Aug 2023 12:43

Tgt Ion: 95 Resp: 103940
Ion Ratio Lower Upper
95 100
174 71.3 0.0 135.6
176 70.6 0.0 131.0

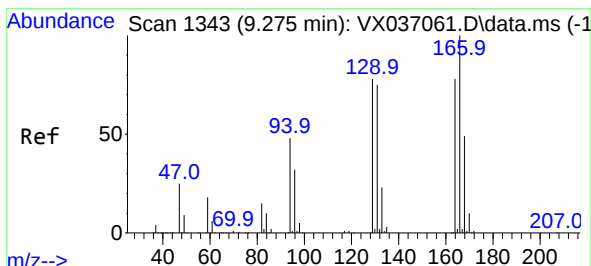
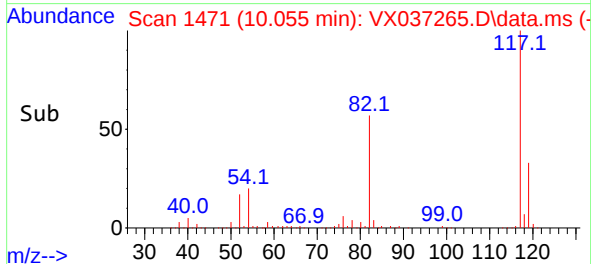
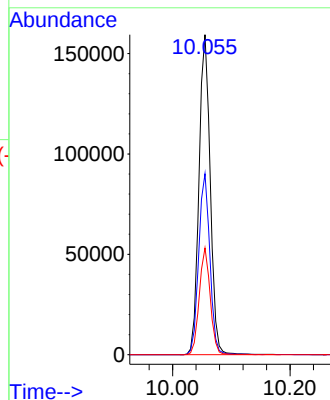
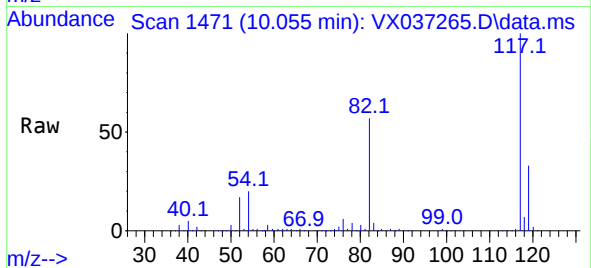




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037265.D
Acq: 25 Aug 2023 12:43

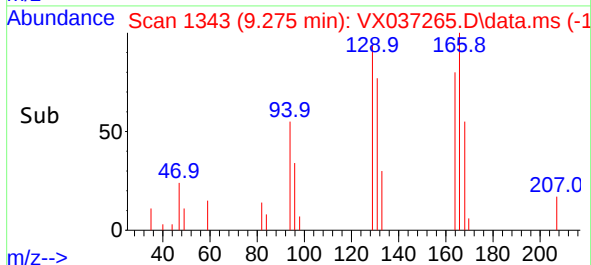
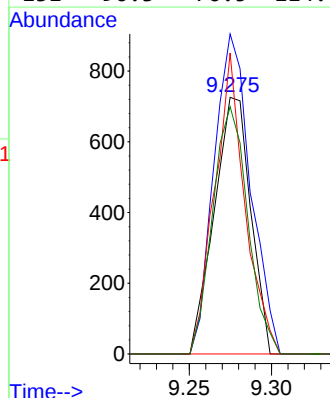
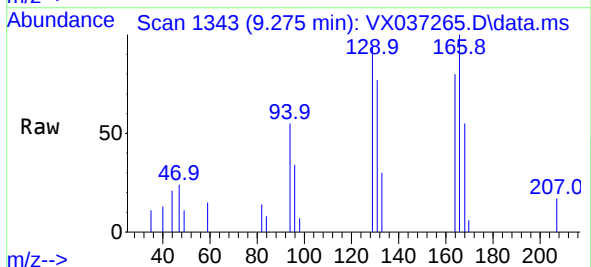
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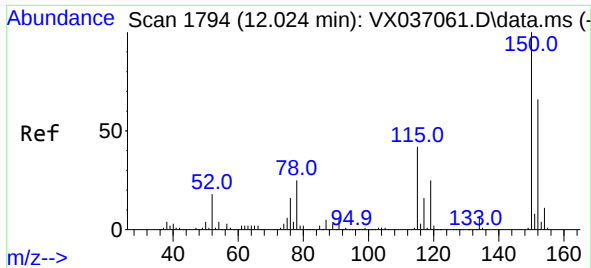
Tgt Ion:117 Resp: 212358
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 33.4 25.5 38.3



#64
Tetrachloroethene
Concen: 0.722 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037265.D
Acq: 25 Aug 2023 12:43

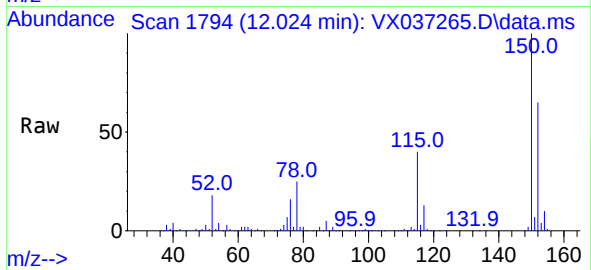
Tgt Ion:164 Resp: 1119
Ion Ratio Lower Upper
164 100
166 124.7 102.7 154.1
129 117.2 80.4 120.6
131 96.3 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037265.D
 Acq: 25 Aug 2023 12:43

Instrument :
 MSVOA_X
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Tgt Ion:152 Resp: 95207
 Ion Ratio Lower Upper
 152 100
 115 63.8 43.3 129.9
 150 155.0 0.0 345.0

