

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037090.D
 Acq On : 18 Aug 2023 17:32
 Operator : JC/MD
 Sample : 04024-19DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW17811-20230815DL

Quant Time: Aug 19 05:20:56 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)

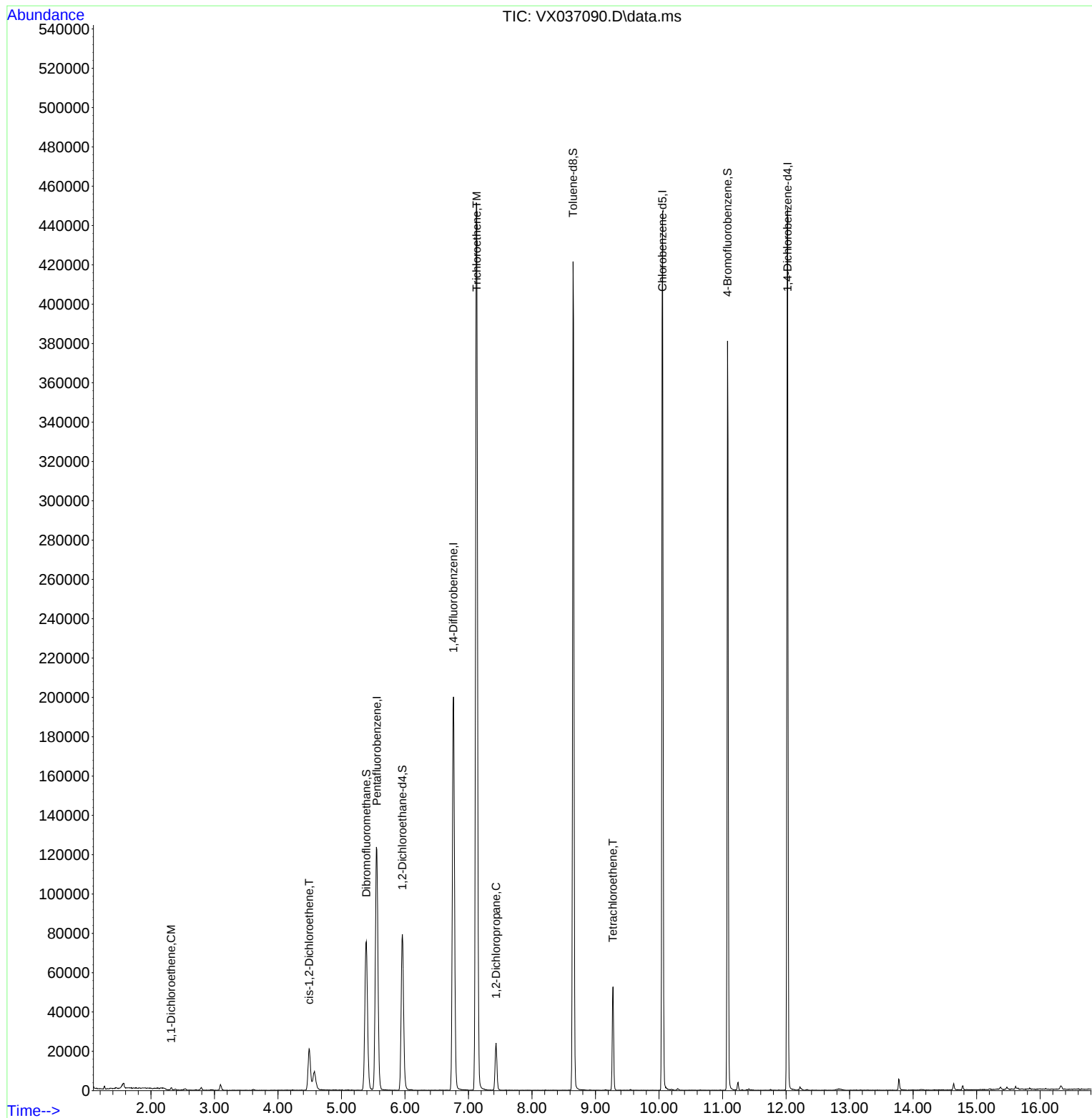
Internal Standards						
1) Pentafluorobenzene	5.556	168	116315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	211955	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80920	48.256	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.520%
35) Dibromofluoromethane	5.391	113	67352	47.981	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.960%
50) Toluene-d8	8.647	98	252597	49.608	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.220%
62) 4-Bromofluorobenzene	11.079	95	102855	51.401	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	389	0.325	ug/l #	71
27) cis-1,2-Dichloroethene	4.489	96	14088	8.780	ug/l	83
44) Trichloroethene	7.129	130	179986	110.975	ug/l	98
45) 1,2-Dichloropropane	7.434	63	9408	6.671	ug/l	98
64) Tetrachloroethene	9.275	164	9968	6.699	ug/l	97

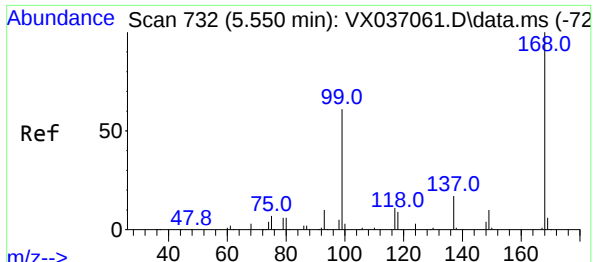
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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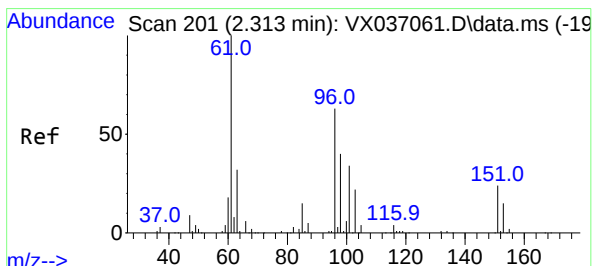
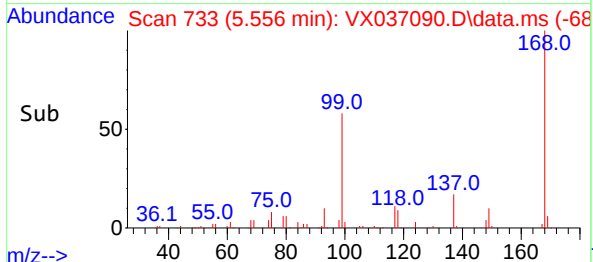
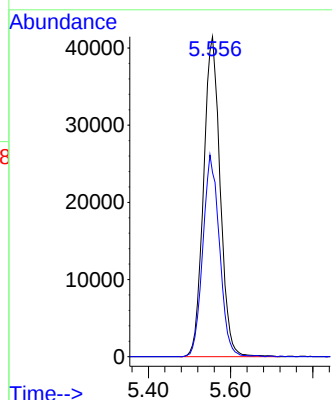
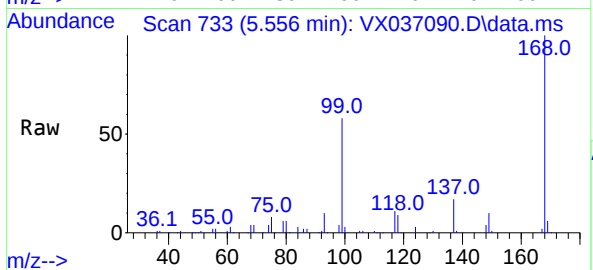




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037090.D
Acq: 18 Aug 2023 17:32

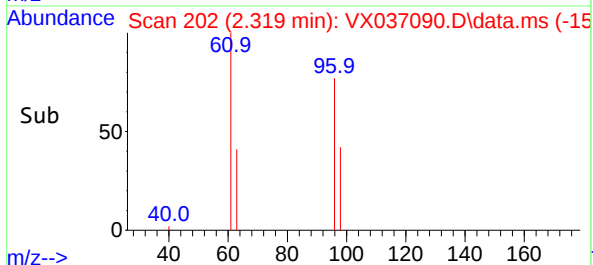
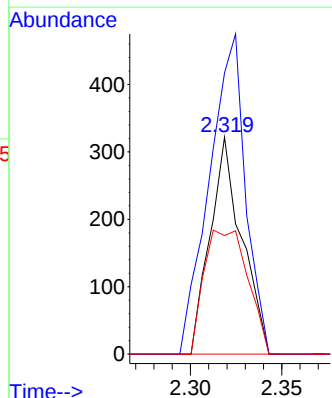
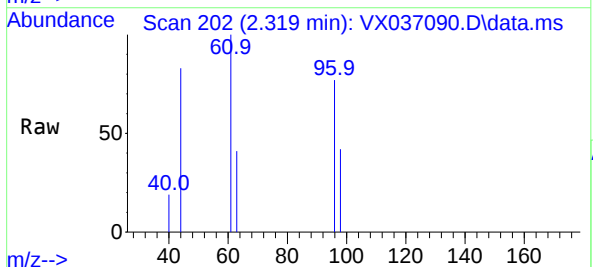
Instrument :
MSVOA_X
ClientSampleId :
MW178I1-20230815DL

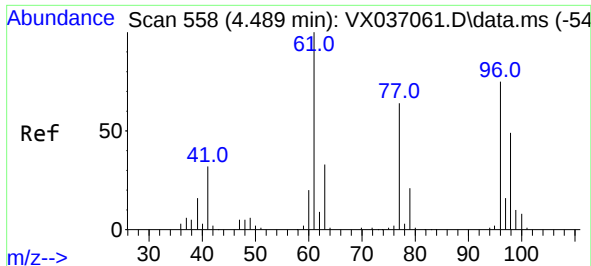
Tgt Ion:168 Resp: 116315
Ion Ratio Lower Upper
168 100
99 57.5 56.6 85.0



#12
1,1-Dichloroethene
Concen: 0.325 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037090.D
Acq: 18 Aug 2023 17:32

Tgt Ion: 96 Resp: 389
Ion Ratio Lower Upper
96 100
61 129.5 144.6 216.8#
98 54.7 50.4 75.6





#27

cis-1,2-Dichloroethene

Concen: 8.780 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX037090.D

Acq: 18 Aug 2023 17:32

Instrument :

MSVOA_X

ClientSampleId :

MW17811-20230815DL

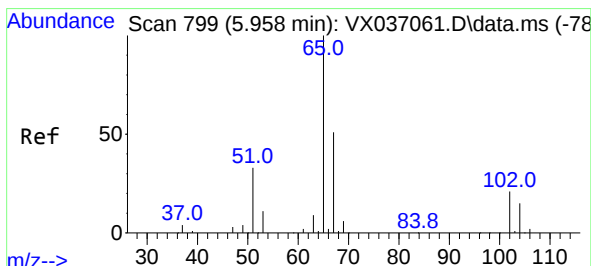
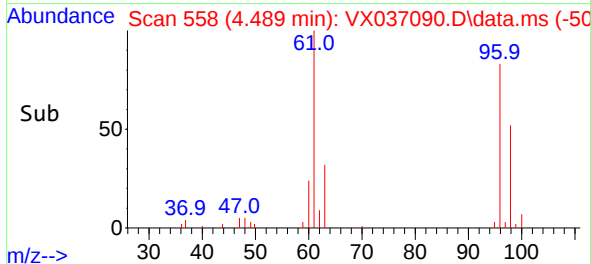
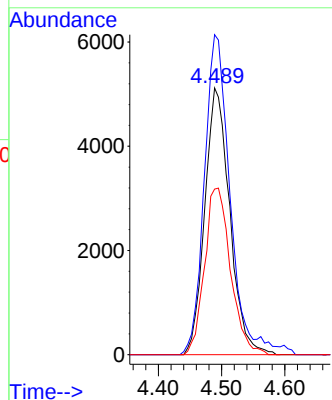
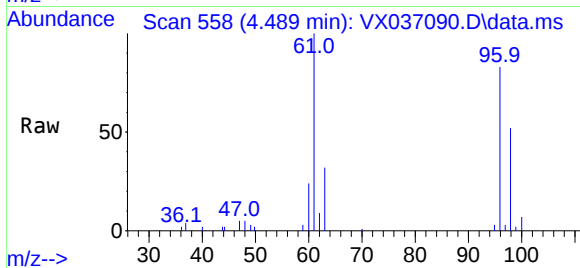
Tgt Ion: 96 Resp: 14088

Ion Ratio Lower Upper

96 100

61 124.3 0.0 312.2

98 64.9 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 48.256 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037090.D

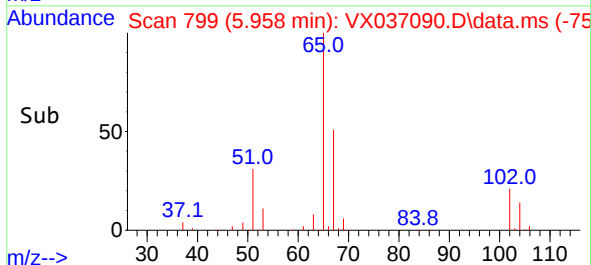
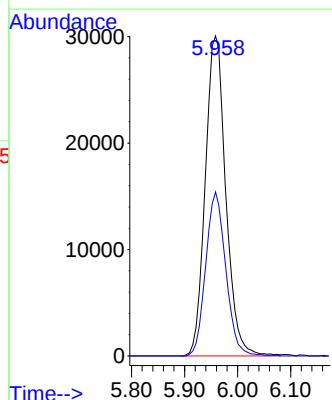
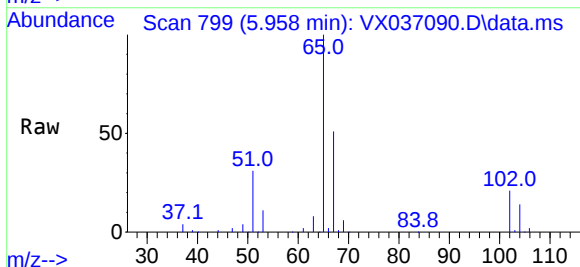
Acq: 18 Aug 2023 17:32

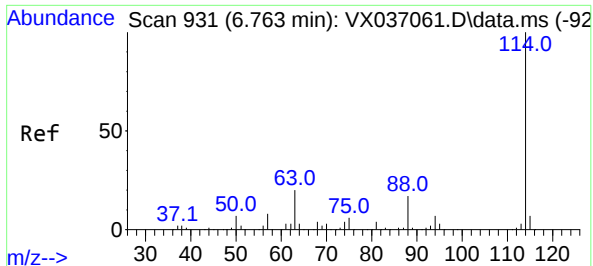
Tgt Ion: 65 Resp: 80920

Ion Ratio Lower Upper

65 100

67 50.0 0.0 100.2

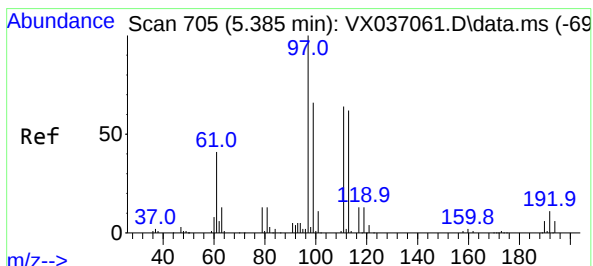
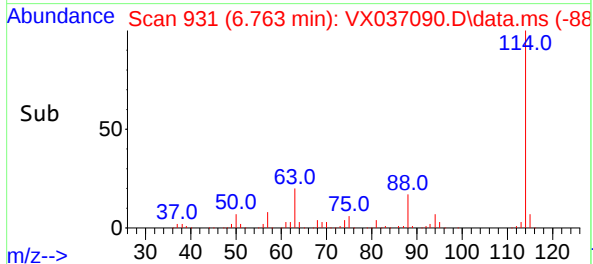
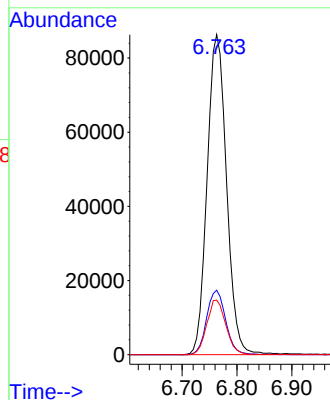
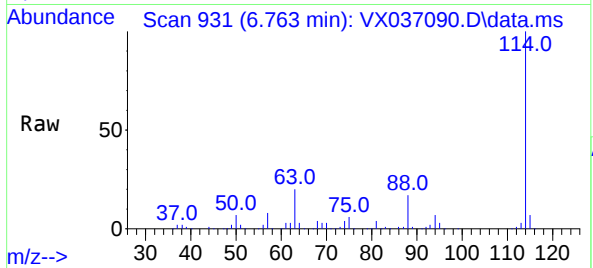




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037090.D
Acq: 18 Aug 2023 17:32

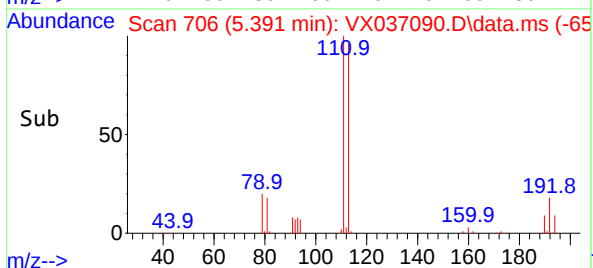
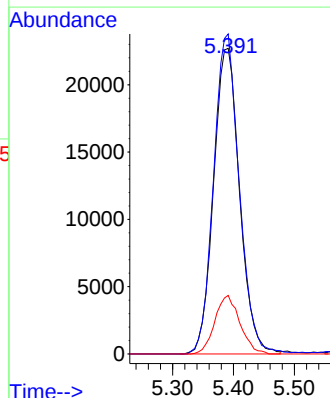
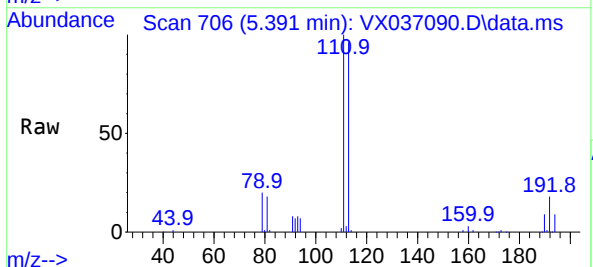
Instrument :
MSVOA_X
ClientSampleId :
MW17811-20230815DL

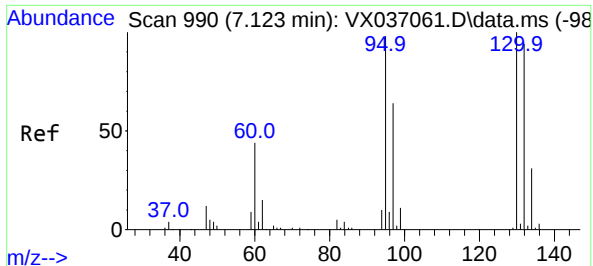
Tgt Ion:114 Resp: 211955
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.981 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037090.D
Acq: 18 Aug 2023 17:32

Tgt Ion:113 Resp: 67352
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 18.4 13.3 19.9

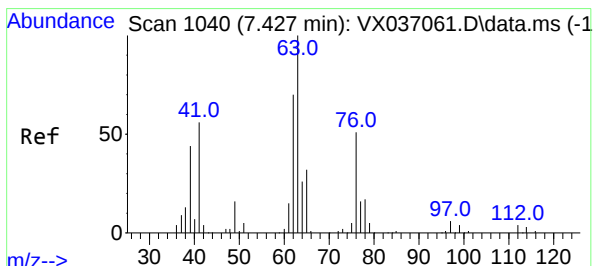
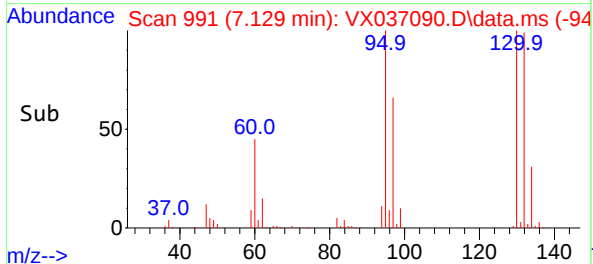
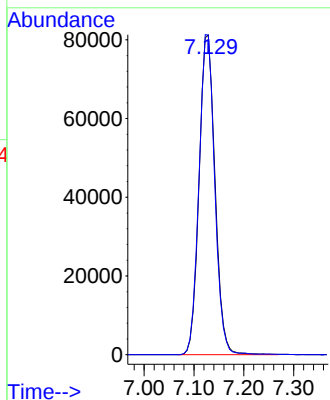
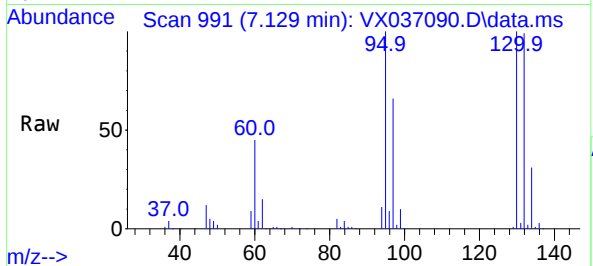




#44
Trichloroethene
Concen: 110.975 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037090.D
Acq: 18 Aug 2023 17:32

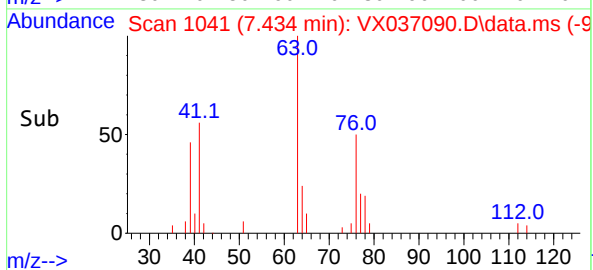
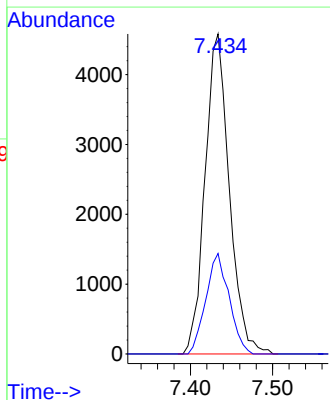
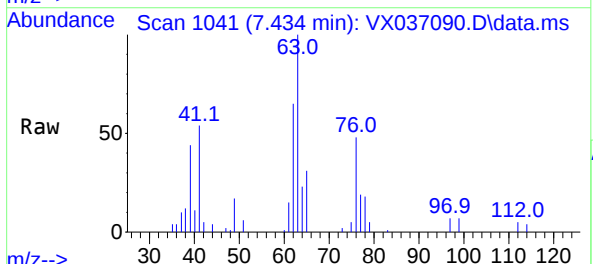
Instrument :
MSVOA_X
ClientSampleId :
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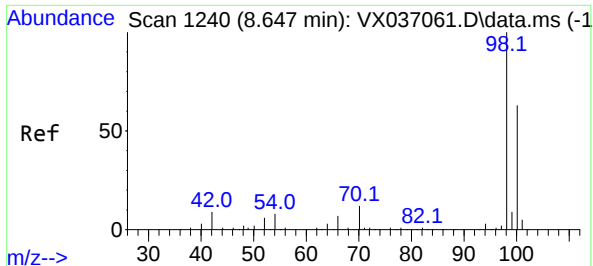
Tgt Ion:130 Resp: 179986
Ion Ratio Lower Upper
130 100
95 100.0 0.0 204.4



#45
1,2-Dichloropropane
Concen: 6.671 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX037090.D
Acq: 18 Aug 2023 17:32

Tgt Ion: 63 Resp: 9408
Ion Ratio Lower Upper
63 100
65 31.4 24.3 36.5

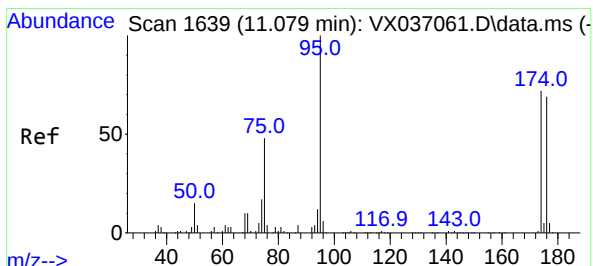
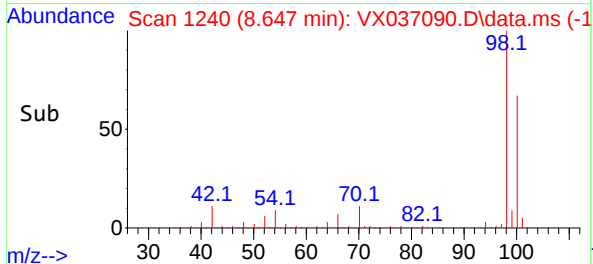
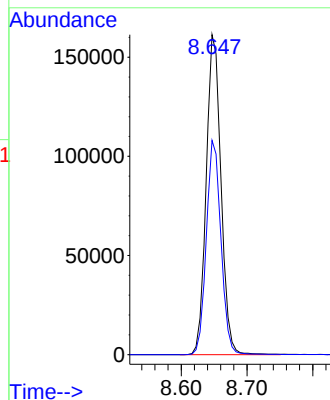
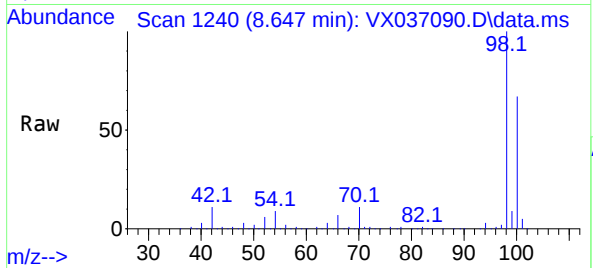




#50
Toluene-d8
Concen: 49.608 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037090.D
Acq: 18 Aug 2023 17:32

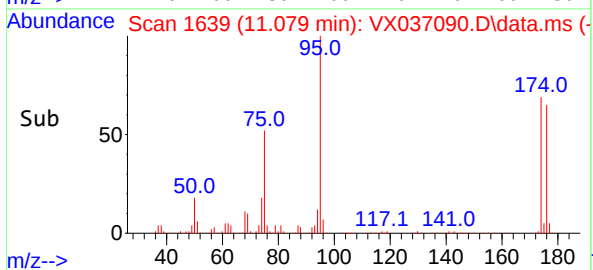
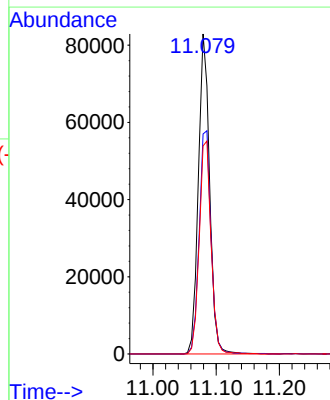
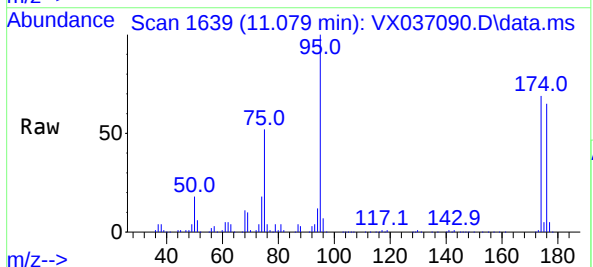
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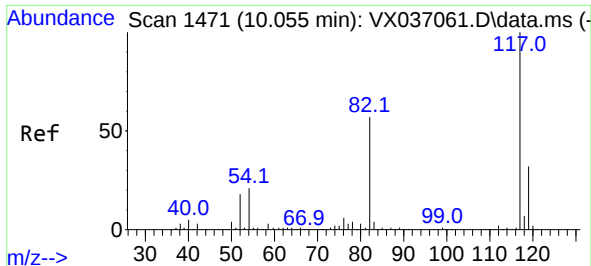
Tgt Ion: 98 Resp: 252597
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.401 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037090.D
Acq: 18 Aug 2023 17:32

Tgt Ion: 95 Resp: 102855
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 70.0 0.0 131.0

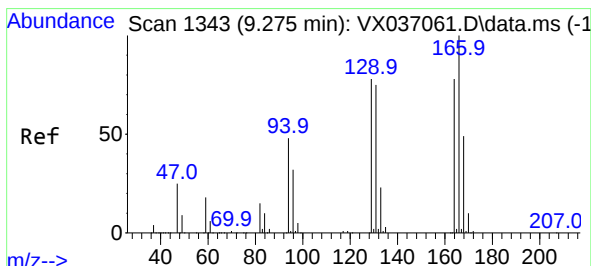
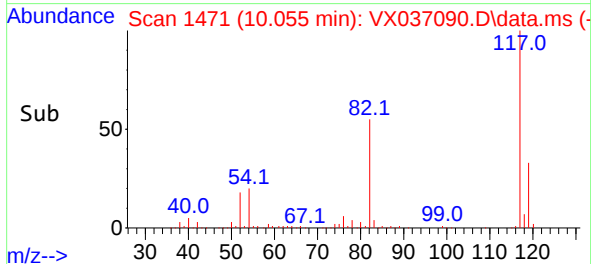
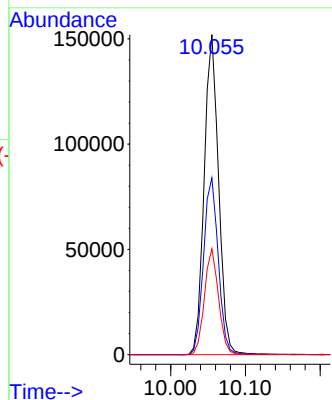
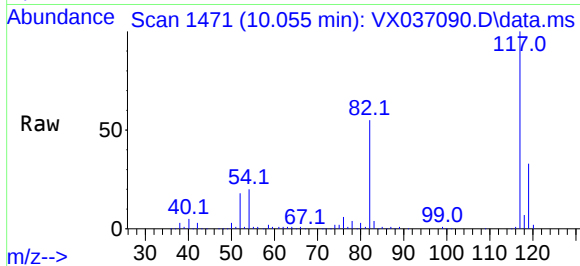




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037090.D
Acq: 18 Aug 2023 17:32

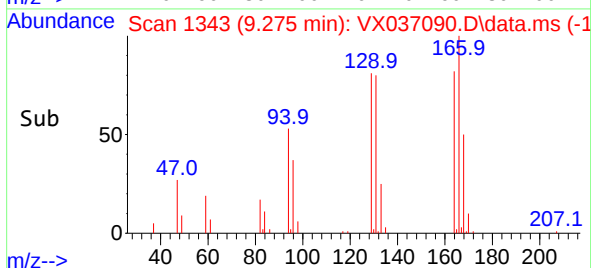
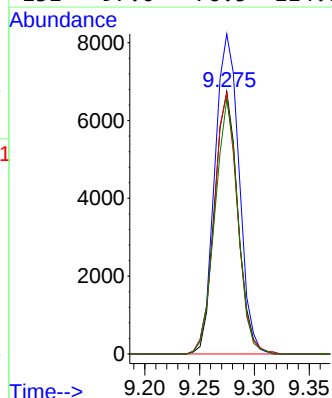
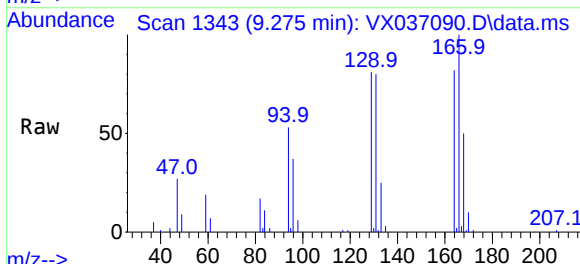
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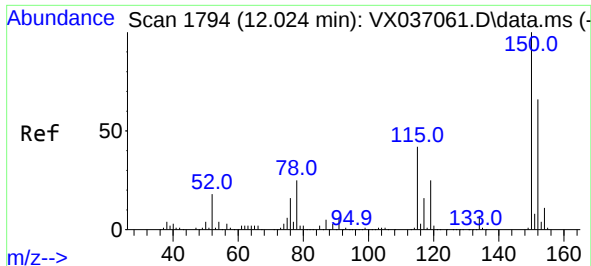
Tgt Ion:117 Resp: 203979
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 33.1 25.5 38.3



#64
Tetrachloroethene
Concen: 6.699 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037090.D
Acq: 18 Aug 2023 17:32

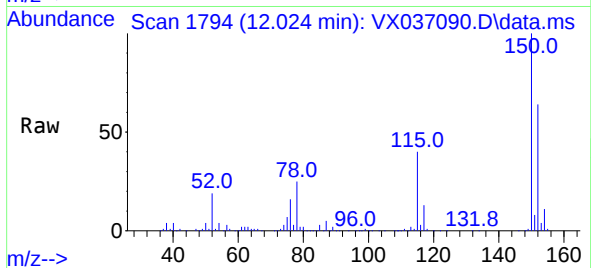
Tgt Ion:164 Resp: 9968
Ion Ratio Lower Upper
164 100
166 121.9 102.7 154.1
129 99.2 80.4 120.6
131 97.0 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037090.D
 Acq: 18 Aug 2023 17:32

Instrument :
 MSVOA_X
 ClientSampleId :
 MW178I1-20230815DL



Tgt Ion:152 Resp: 95119
 Ion Ratio Lower Upper
 152 100
 115 64.1 43.3 129.9
 150 157.8 0.0 345.0

