

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
 Data File : VX037509.D
 Acq On : 05 Sep 2023 13:55
 Operator : JC/MD
 Sample : 04252-01DL 2000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06-9.1-083023DL

Quant Time: Sep 06 02:54:09 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)

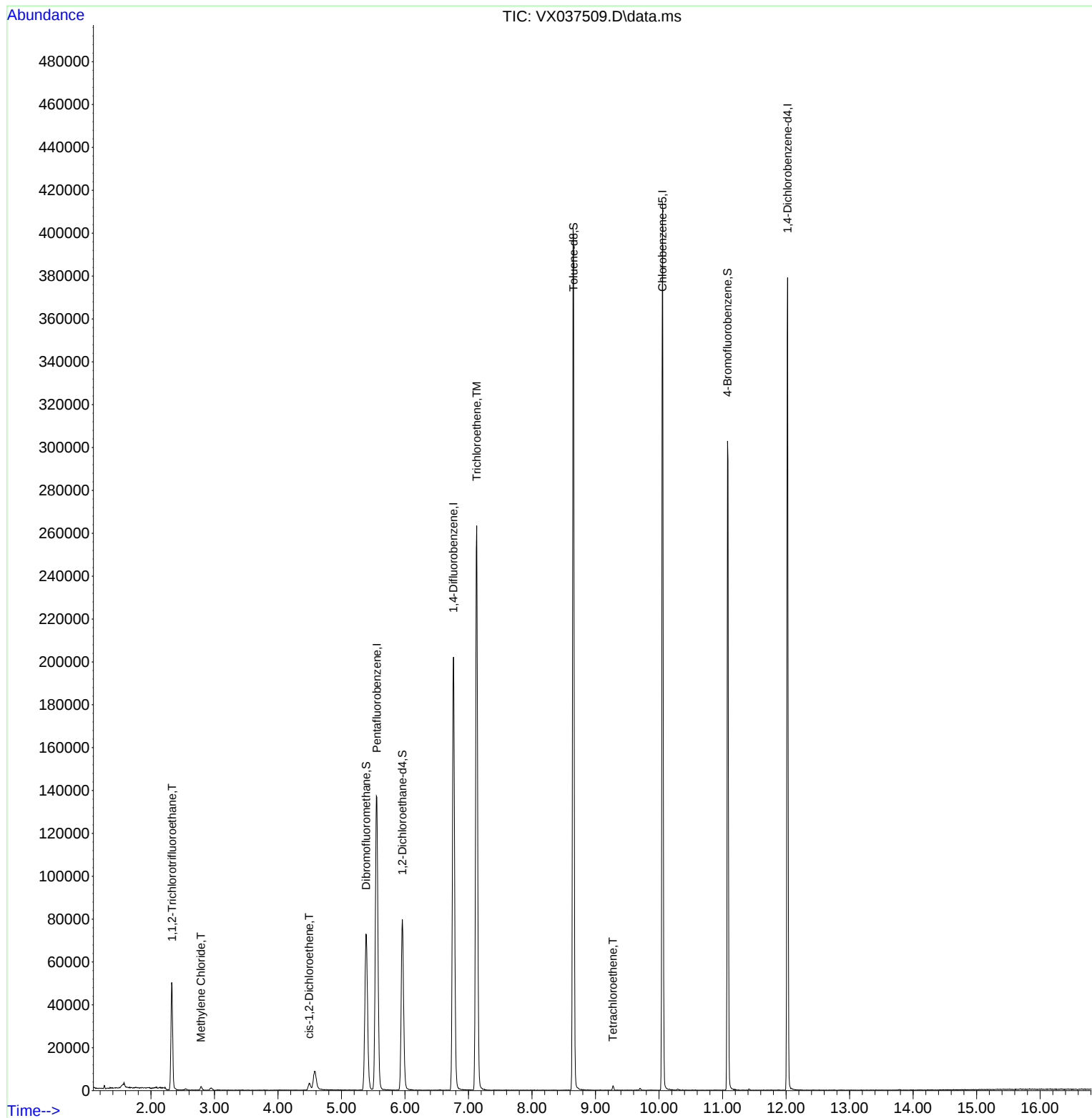
Internal Standards						
1) Pentafluorobenzene	5.556	168	132819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218644	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78109	40.792	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.580%
35) Dibromofluoromethane	5.385	113	67339	46.504	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.000%
50) Toluene-d8	8.653	98	255854	48.710	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.420%
62) 4-Bromofluorobenzene	11.079	95	90063	43.631	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.260%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	20234	14.412	ug/l	94
20) Methylene Chloride	2.788	84	889	0.531	ug/l #	78
27) cis-1,2-Dichloroethene	4.489	96	2312	1.262	ug/l	77
44) Trichloroethene	7.129	130	107760	64.410	ug/l	96
64) Tetrachloroethene	9.275	164	361	0.254	ug/l	95

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

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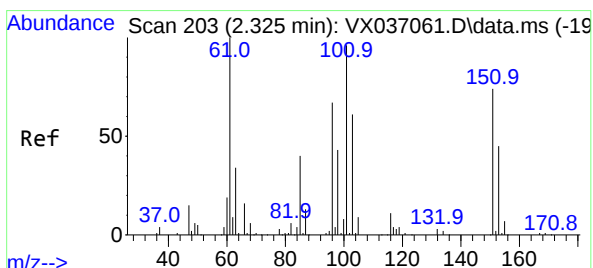
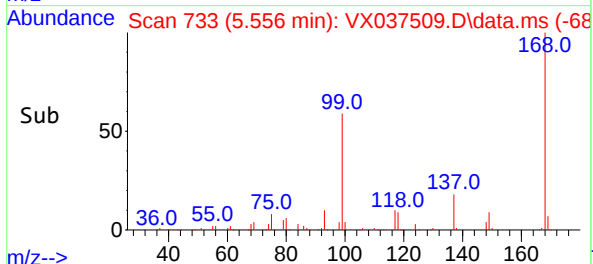
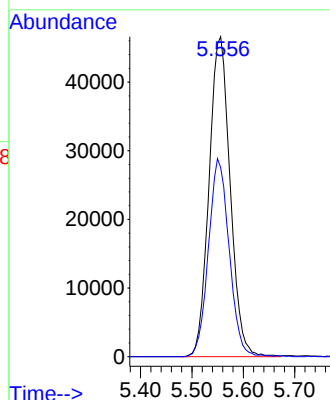
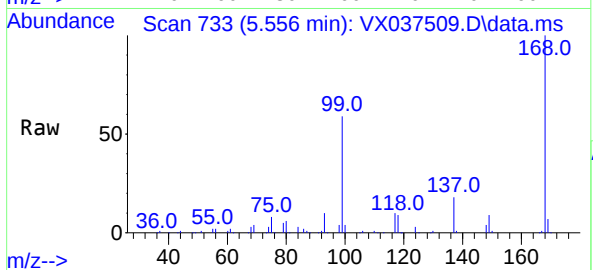




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037509.D
Acq: 05 Sep 2023 13:55

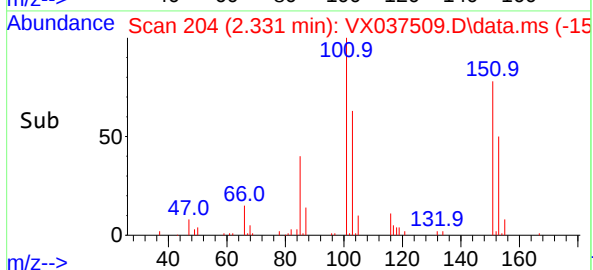
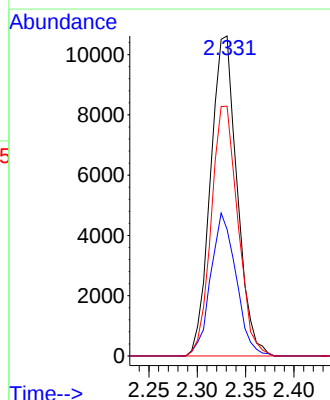
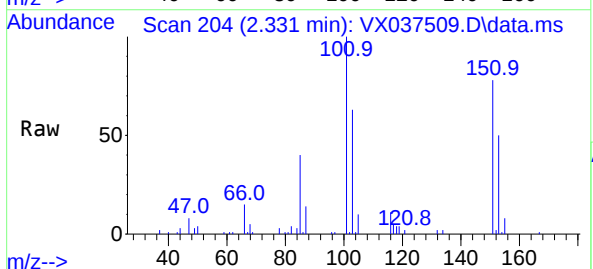
Instrument :
MSVOA_X
ClientSampleId :
MW-06-9.1-083023DL

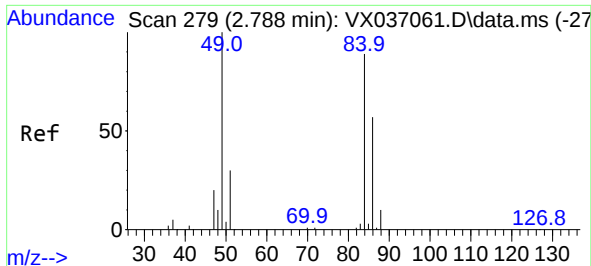
Tgt Ion:168 Resp: 132819
Ion Ratio Lower Upper
168 100
99 59.0 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.412 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX037509.D
Acq: 05 Sep 2023 13:55

Tgt Ion:101 Resp: 20234
Ion Ratio Lower Upper
101 100
85 42.8 37.0 55.6
151 78.3 58.6 87.8



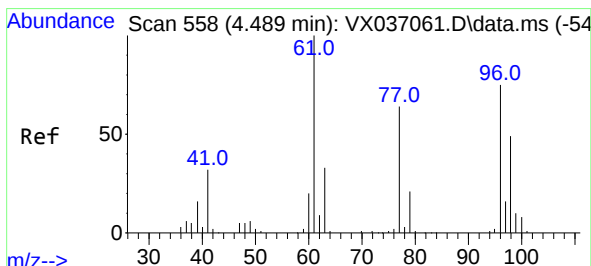
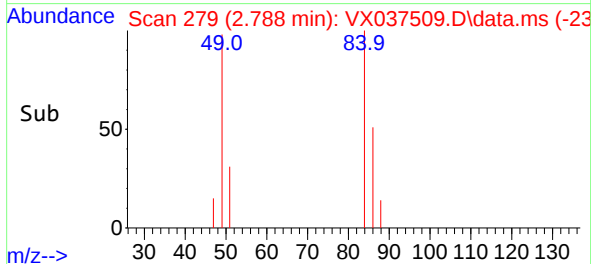
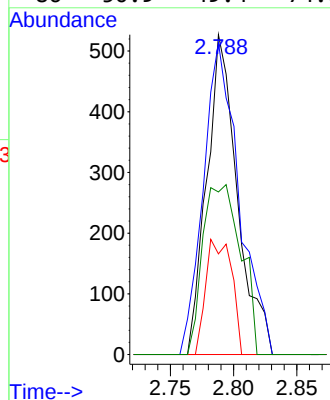
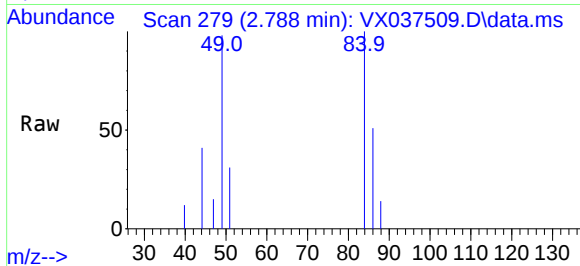


#20
Methylene Chloride
Concen: 0.531 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037509.D
Acq: 05 Sep 2023 13:55

Instrument :
MSVOA_X
ClientSampleId :
MW-06-9.1-083023DL

Tgt Ion: 84 Resp: 889

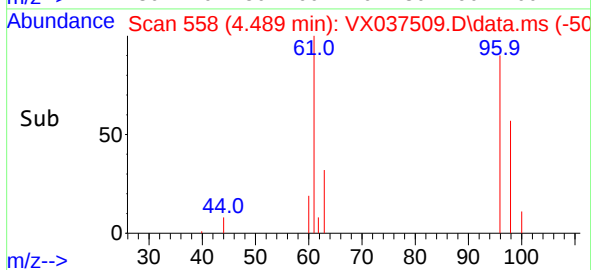
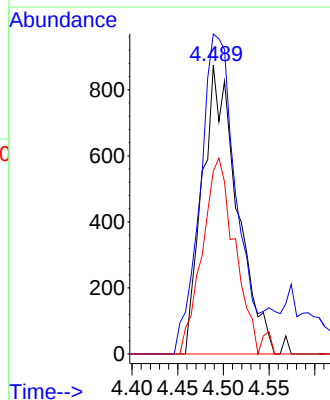
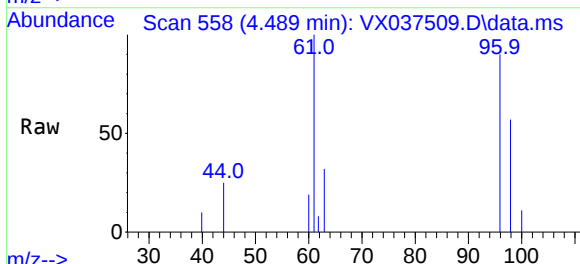
Ion	Ratio	Lower	Upper
84	100		
49	97.5	103.6	155.4#
51	31.5	33.8	50.6#
86	50.9	49.4	74.0

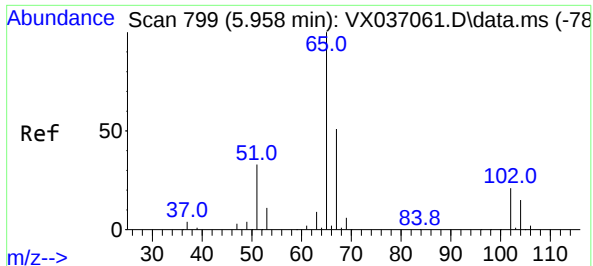


#27
cis-1,2-Dichloroethene
Concen: 1.262 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX037509.D
Acq: 05 Sep 2023 13:55

Tgt Ion: 96 Resp: 2312

Ion	Ratio	Lower	Upper
96	100		
61	115.1	0.0	312.2
98	63.0	0.0	129.0

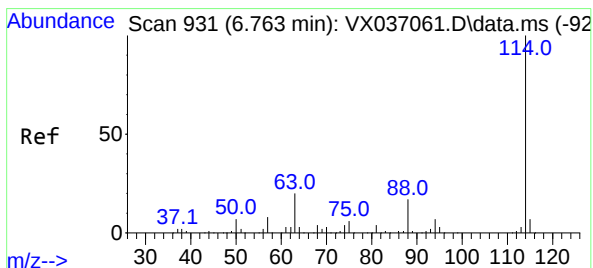
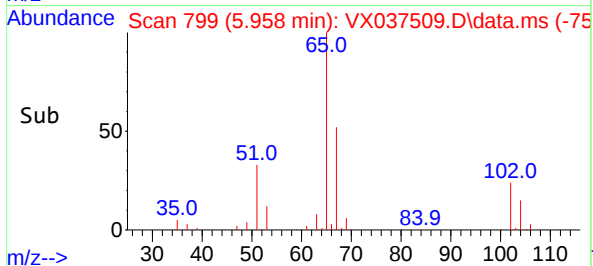
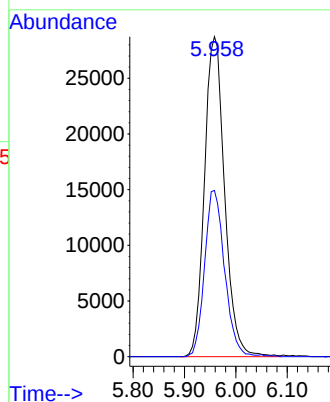
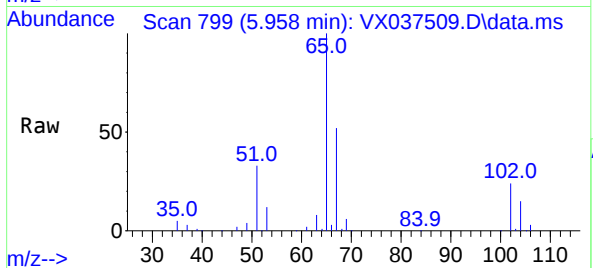




#33
 1,2-Dichloroethane-d4
 Concen: 40.792 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX037509.D
 Acq: 05 Sep 2023 13:55

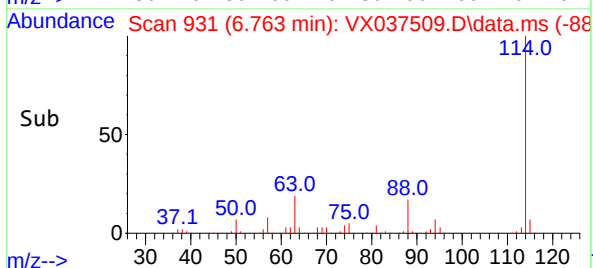
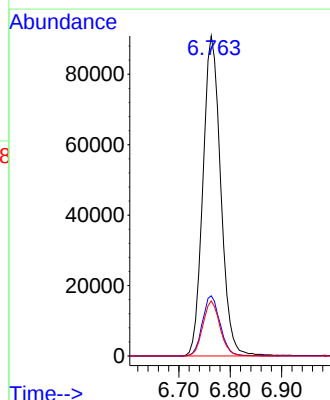
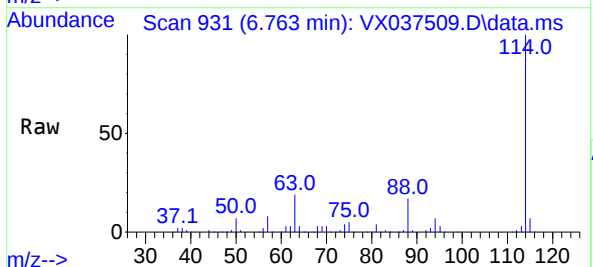
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06-9.1-083023DL

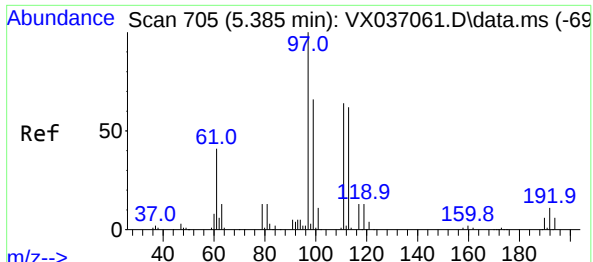
Tgt Ion: 65 Resp: 78109
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX037509.D
 Acq: 05 Sep 2023 13:55

Tgt Ion: 114 Resp: 218644
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 45.0
 88 17.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.504 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037509.D

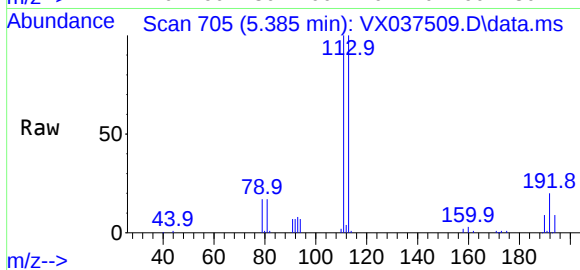
Acq: 05 Sep 2023 13:55

Instrument :

MSVOA_X

ClientSampleId :

MW-06-9.1-083023DL



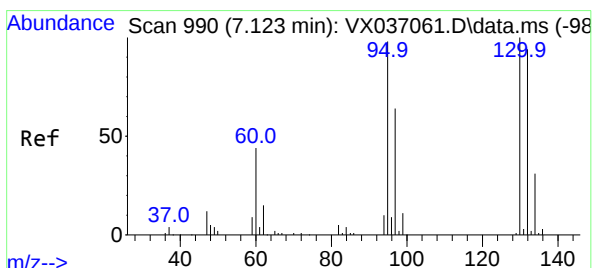
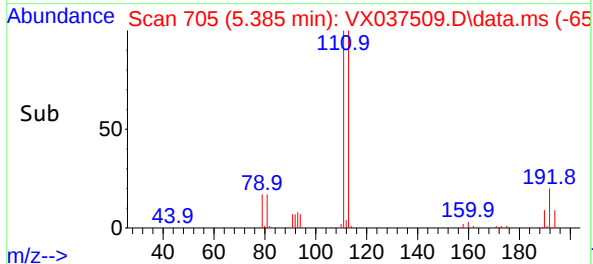
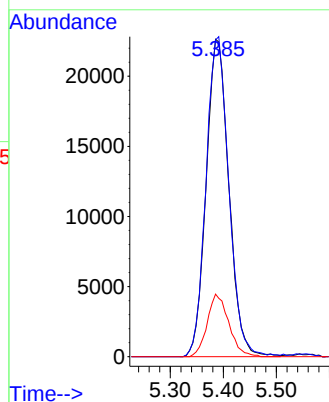
Tgt Ion:113 Resp: 67339

Ion Ratio Lower Upper

113 100

111 101.0 82.9 124.3

192 18.7 13.3 19.9



#44

Trichloroethene

Concen: 64.410 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037509.D

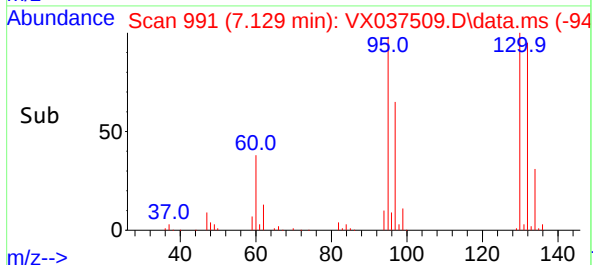
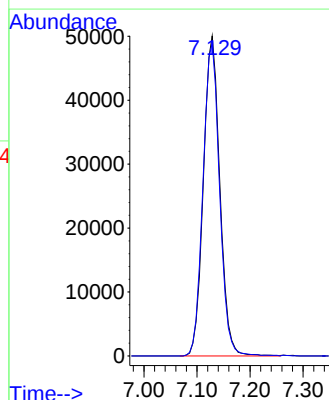
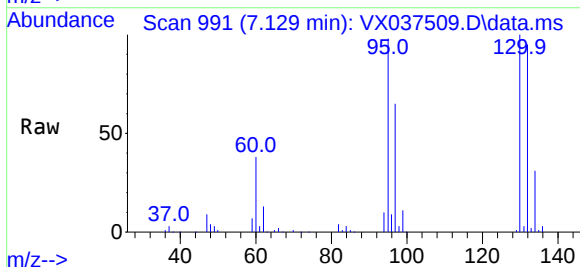
Acq: 05 Sep 2023 13:55

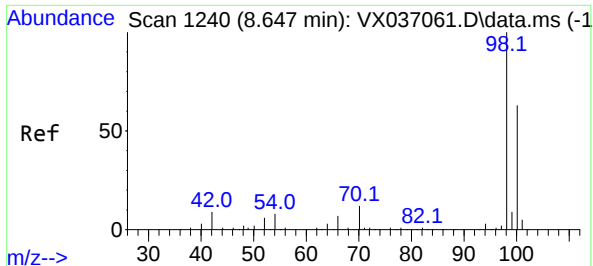
Tgt Ion:130 Resp: 107760

Ion Ratio Lower Upper

130 100

95 97.8 0.0 204.4





#50

Toluene-d8

Concen: 48.710 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX037509.D

Acq: 05 Sep 2023 13:55

Instrument :

MSVOA_X

ClientSampleId :

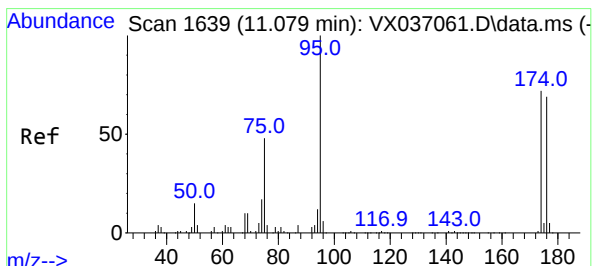
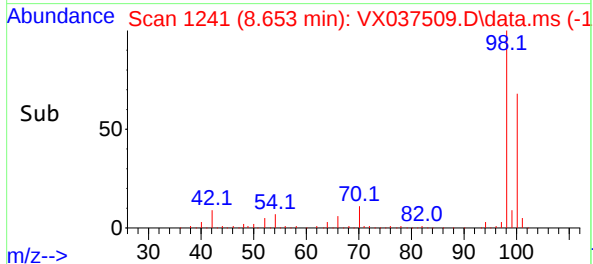
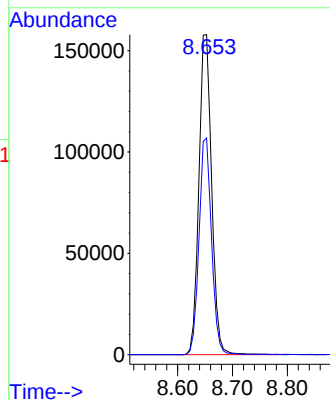
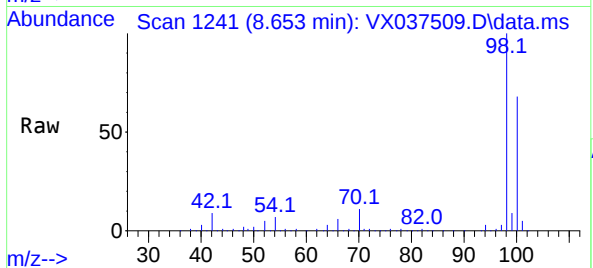
MW-06-9.1-083023DL

Tgt Ion: 98 Resp: 255854

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 43.631 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX037509.D

Acq: 05 Sep 2023 13:55

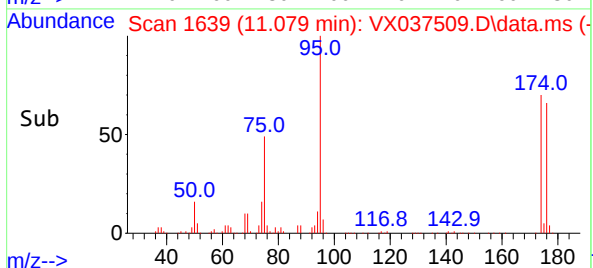
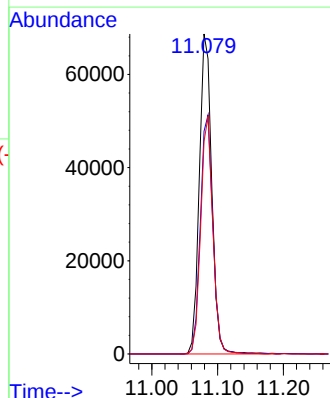
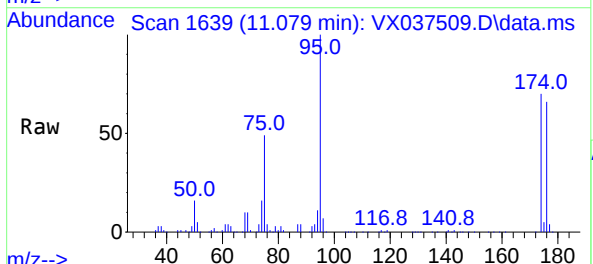
Tgt Ion: 95 Resp: 90063

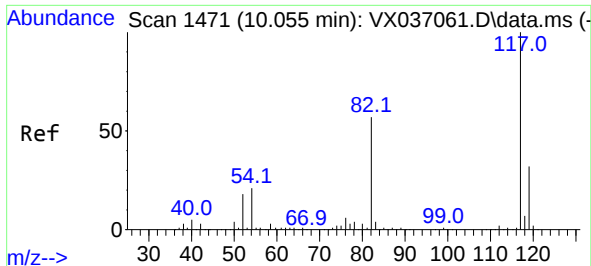
Ion Ratio Lower Upper

95 100

174 75.4 0.0 135.6

176 72.4 0.0 131.0

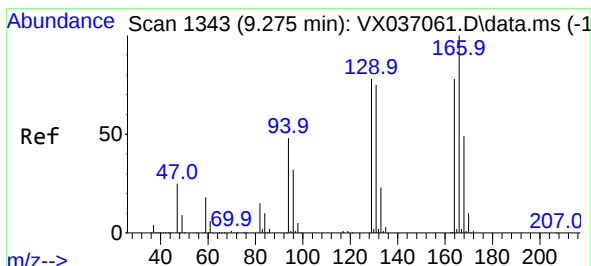
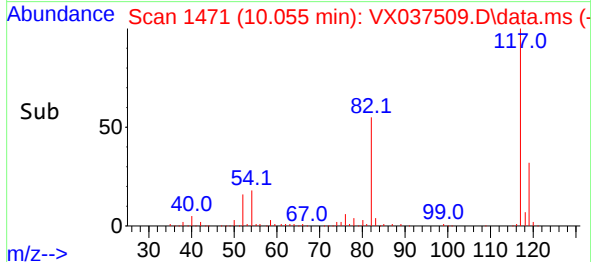
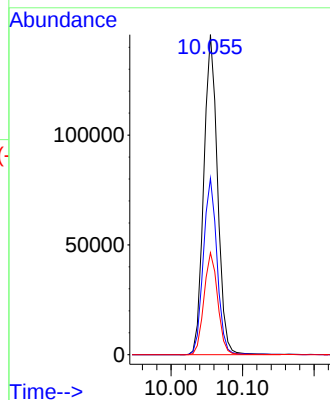
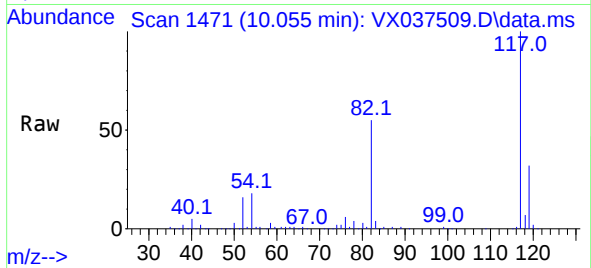




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037509.D
Acq: 05 Sep 2023 13:55

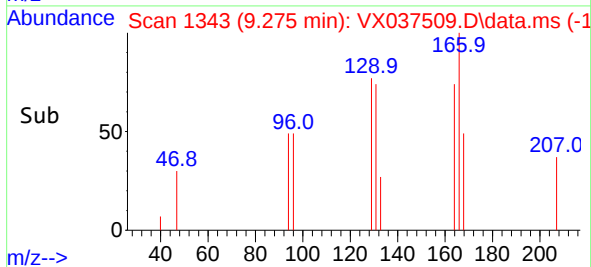
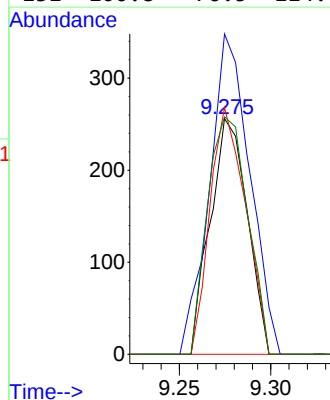
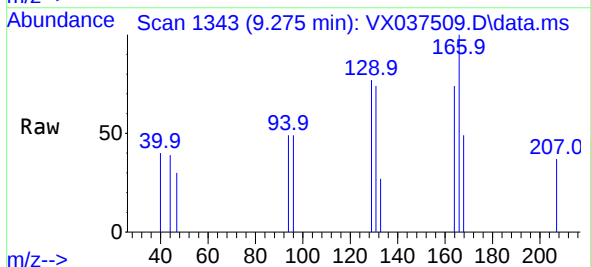
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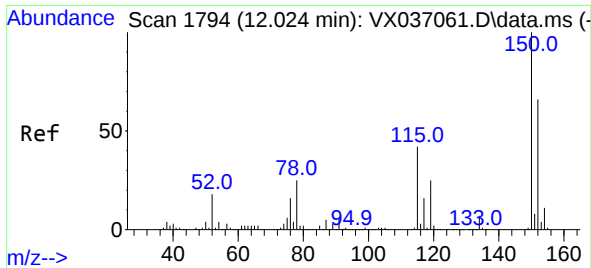
Tgt Ion:117 Resp: 194862
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 0.254 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037509.D
Acq: 05 Sep 2023 13:55

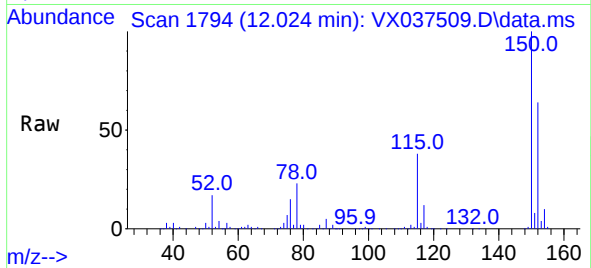
Tgt Ion:164 Resp: 361
Ion Ratio Lower Upper
164 100
166 135.9 102.7 154.1
129 104.7 80.4 120.6
131 100.8 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037509.D
 Acq: 05 Sep 2023 13:55

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06-9.1-083023DL



Tgt Ion:152 Resp: 82134
 Ion Ratio Lower Upper
 152 100
 115 61.9 43.3 129.9
 150 157.7 0.0 345.0

