

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
 Data File : VX037508.D
 Acq On : 05 Sep 2023 13:30
 Operator : JC/MD
 Sample : 04269-05DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11A-13.5-083123-FDDL

Quant Time: Sep 06 02:53:45 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)

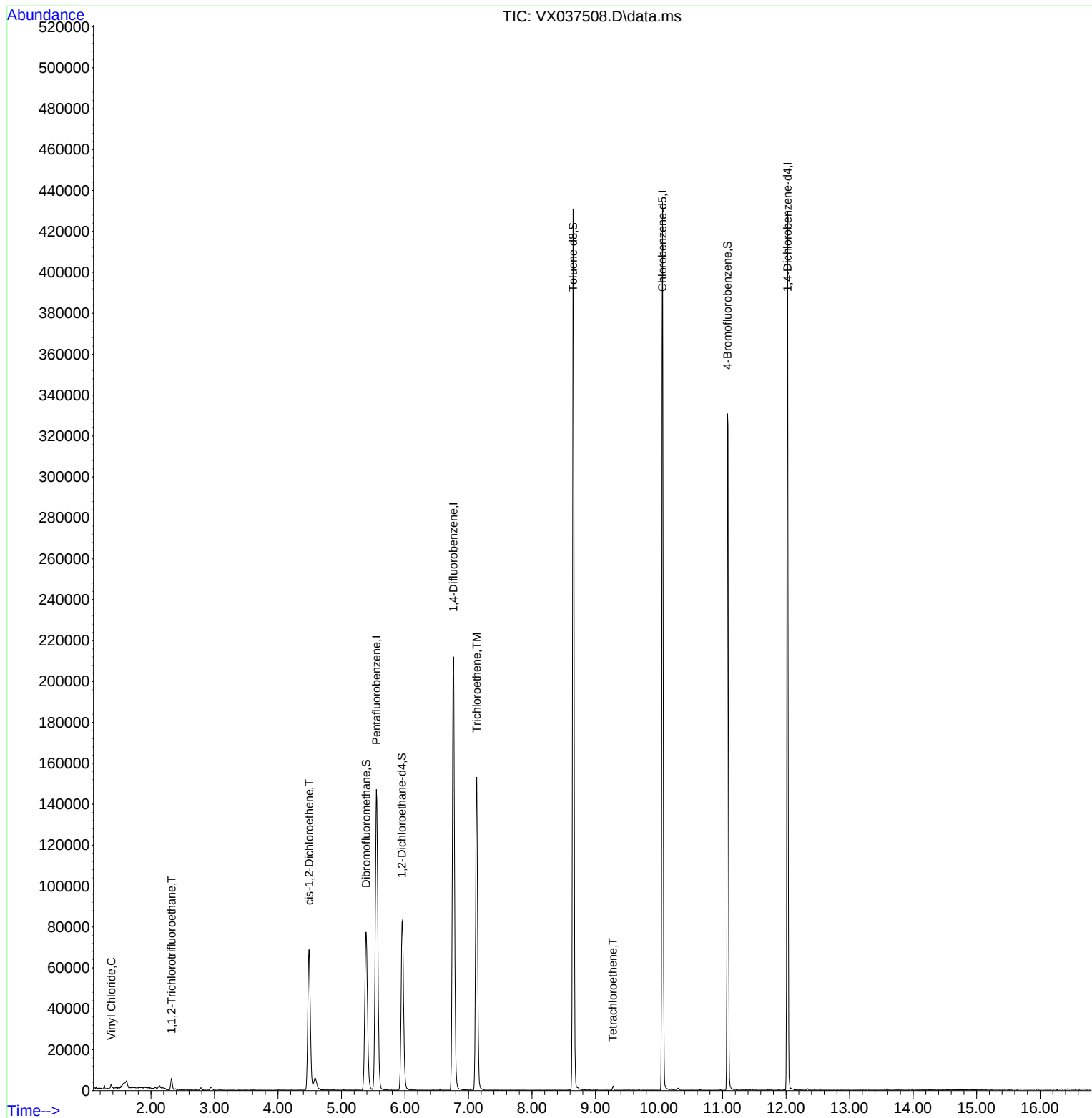
Internal Standards						
1) Pentafluorobenzene	5.550	168	140667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	232351	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83351	41.101	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.200%
35) Dibromofluoromethane	5.385	113	71510	46.471	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.940%
50) Toluene-d8	8.647	98	272046	48.738	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.480%
62) 4-Bromofluorobenzene	11.079	95	98883	45.078	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.160%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.373	62	1383	0.889	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	2413	1.623	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	47946	24.707	ug/l	77
44) Trichloroethene	7.129	130	63980	35.986	ug/l	96
64) Tetrachloroethene	9.274	164	388	0.257	ug/l	88

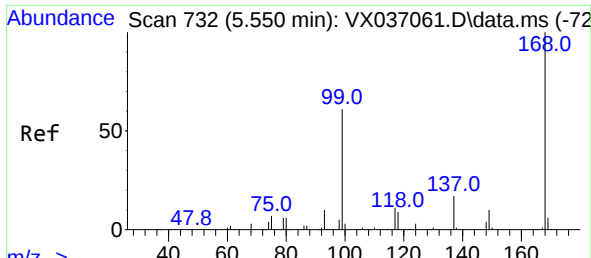
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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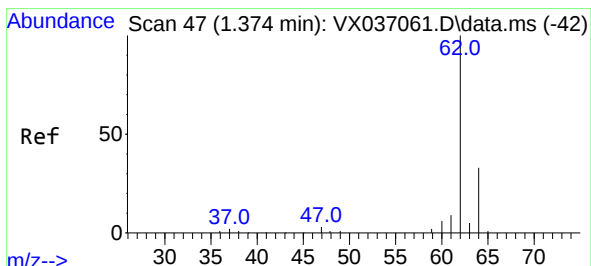
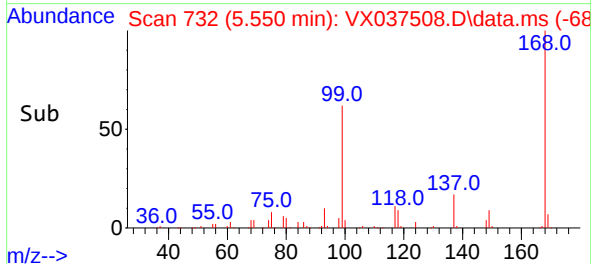
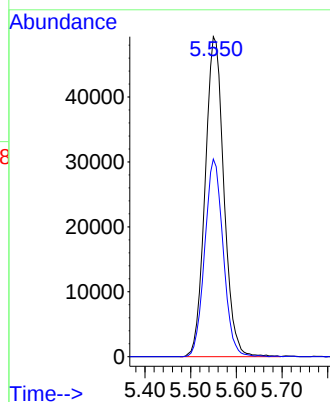
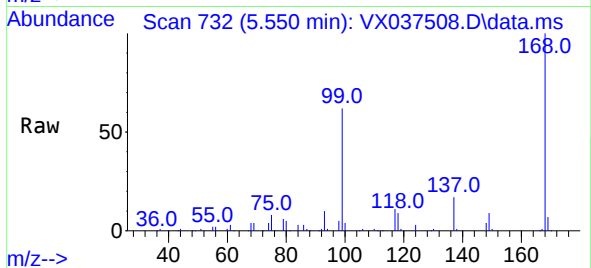




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037508.D
Acq: 05 Sep 2023 13:30

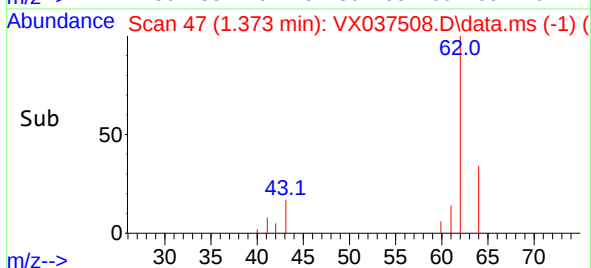
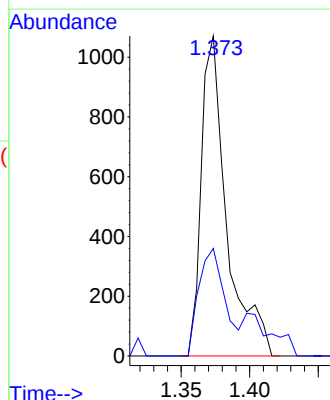
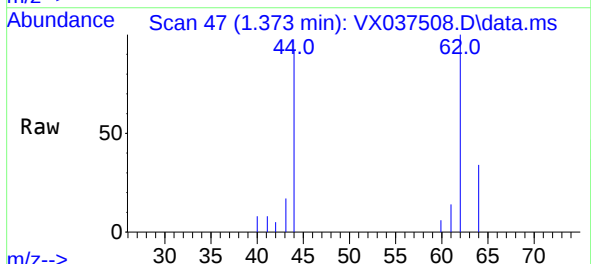
Instrument :
MSVOA_X
ClientSampleId :
MW-11A-13.5-083123-FDDL

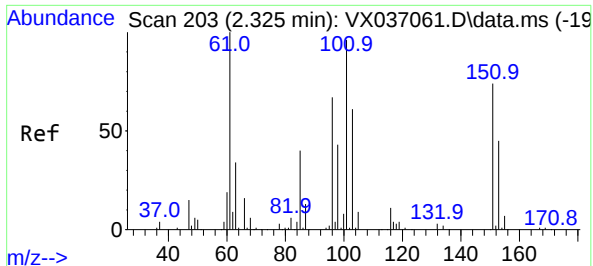
Tgt Ion:168 Resp: 140667
Ion Ratio Lower Upper
168 100
99 61.7 56.6 85.0



#4
Vinyl Chloride
Concen: 0.889 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037508.D
Acq: 05 Sep 2023 13:30

Tgt Ion: 62 Resp: 1383
Ion Ratio Lower Upper
62 100
64 33.6 25.4 38.0

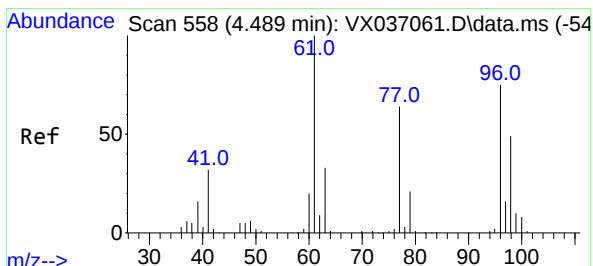
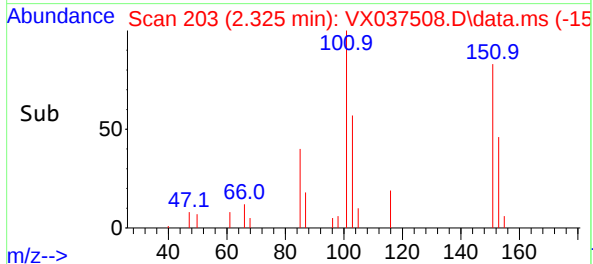
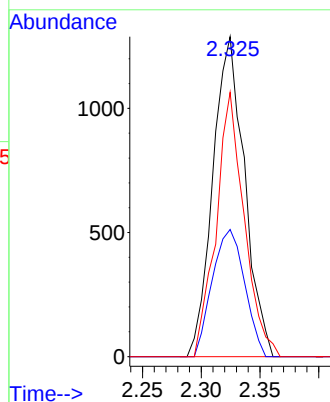
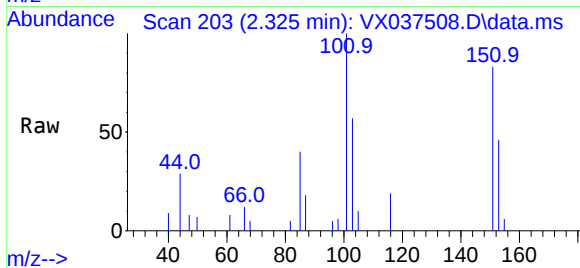




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.623 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037508.D
Acq: 05 Sep 2023 13:30

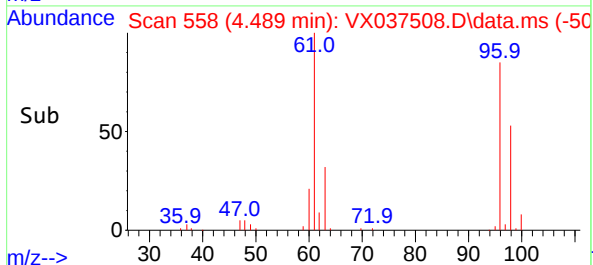
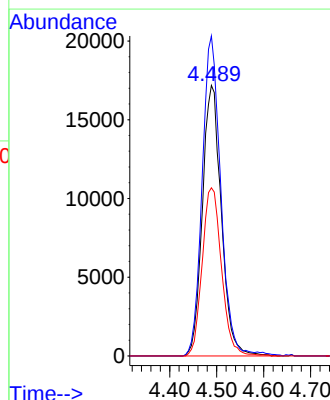
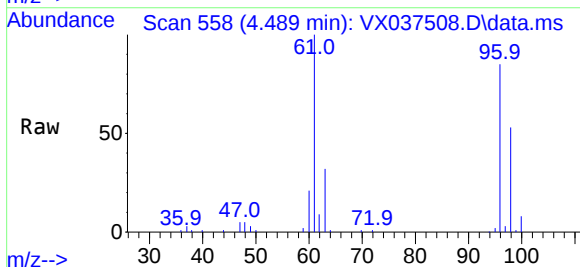
Instrument :
MSVOA_X
ClientSampleId :
MW-11A-13.5-083123-FDDL

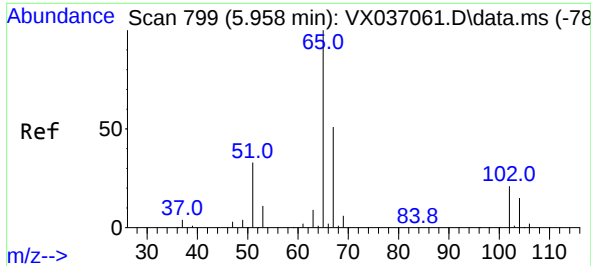
Tgt Ion:101 Resp: 2413
Ion Ratio Lower Upper
101 100
85 40.5 37.0 55.6
151 73.5 58.6 87.8



#27
cis-1,2-Dichloroethene
Concen: 24.707 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX037508.D
Acq: 05 Sep 2023 13:30

Tgt Ion: 96 Resp: 47946
Ion Ratio Lower Upper
96 100
61 115.4 0.0 312.2
98 63.6 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 41.101 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037508.D

Acq: 05 Sep 2023 13:30

Instrument :

MSVOA_X

ClientSampleId :

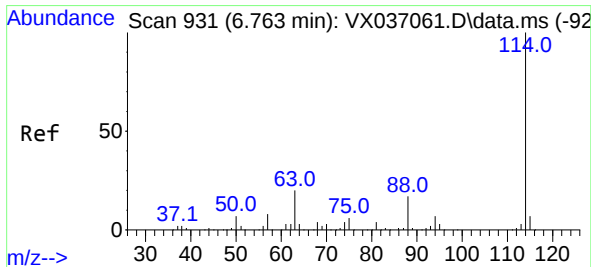
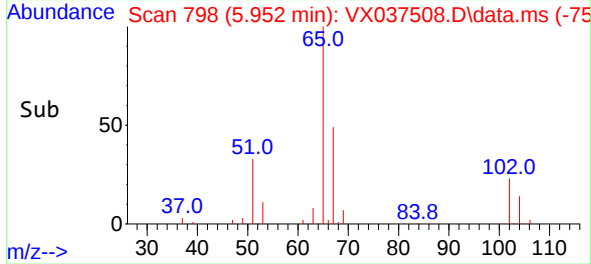
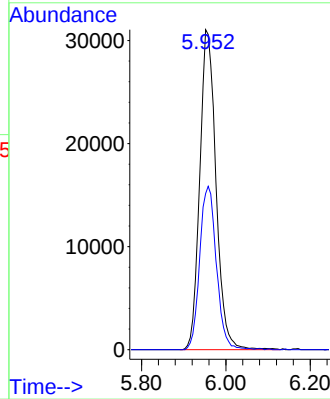
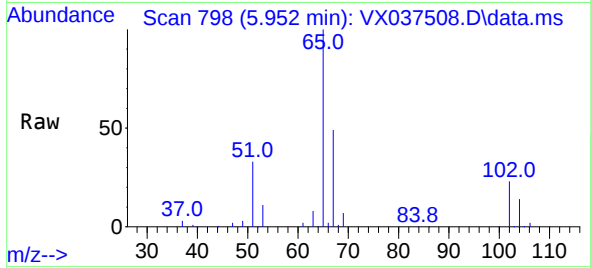
MW-11A-13.5-083123-FDDL

Tgt Ion: 65 Resp: 83351

Ion Ratio Lower Upper

65 100

67 52.3 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: VX037508.D

Acq: 05 Sep 2023 13:30

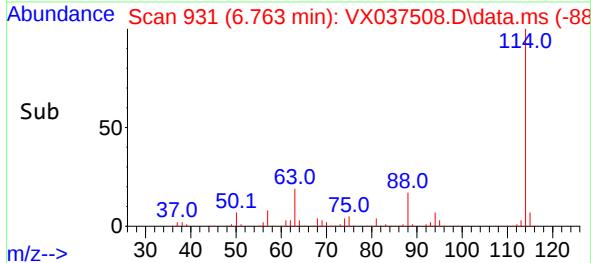
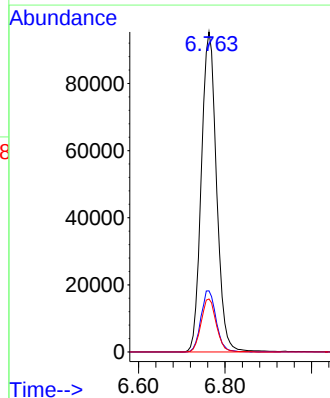
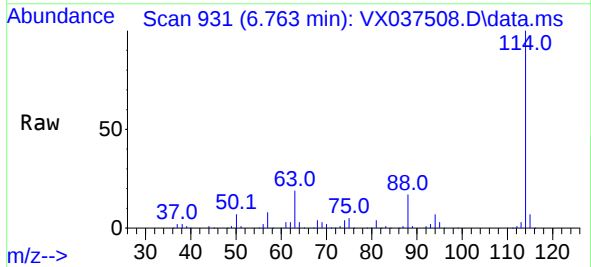
Tgt Ion: 114 Resp: 232351

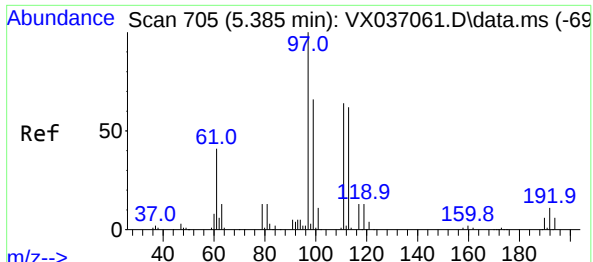
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

88 16.6 0.0 36.6

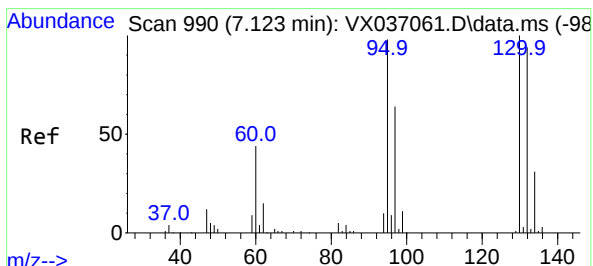
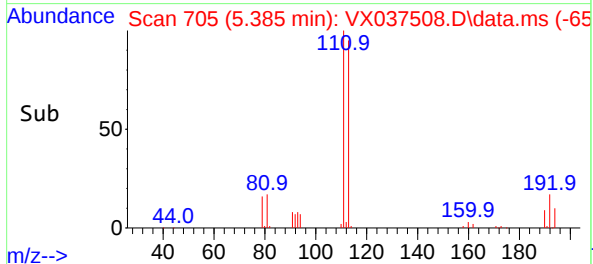
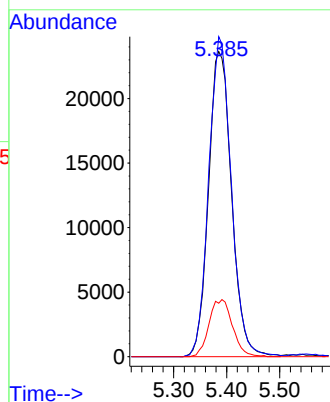
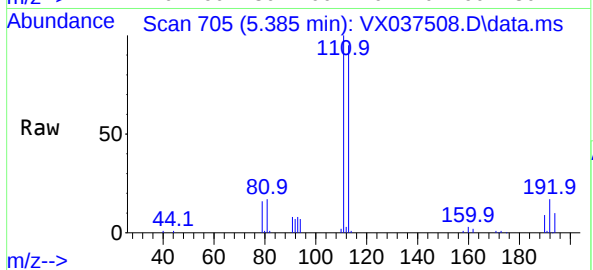




#35
Dibromofluoromethane
Concen: 46.471 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037508.D
Acq: 05 Sep 2023 13:30

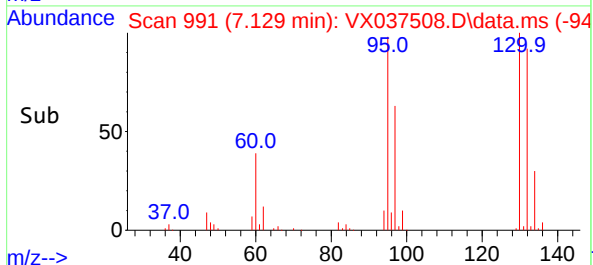
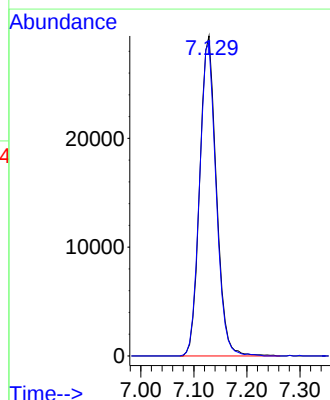
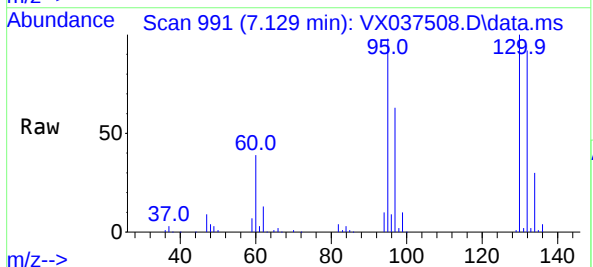
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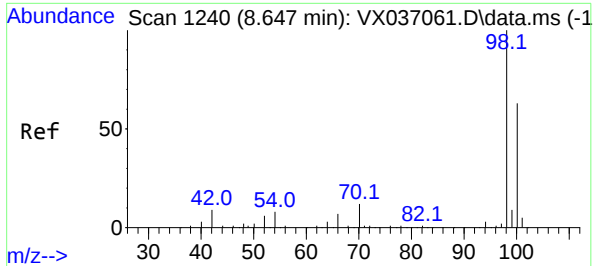
Tgt Ion:113 Resp: 71510
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 19.0 13.3 19.9



#44
Trichloroethene
Concen: 35.986 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037508.D
Acq: 05 Sep 2023 13:30

Tgt Ion:130 Resp: 63980
Ion Ratio Lower Upper
130 100
95 97.8 0.0 204.4

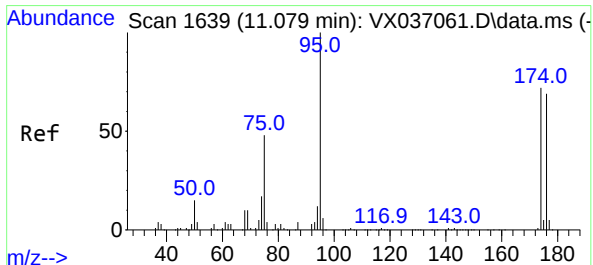
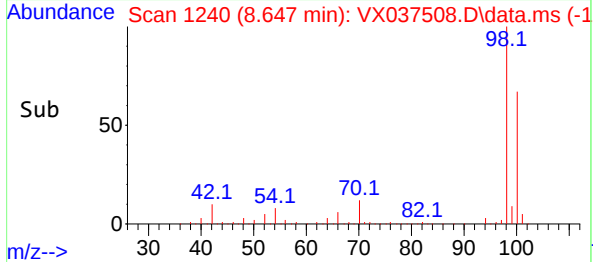
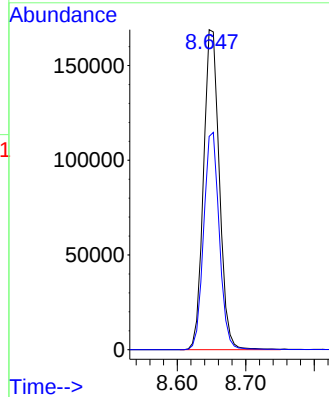
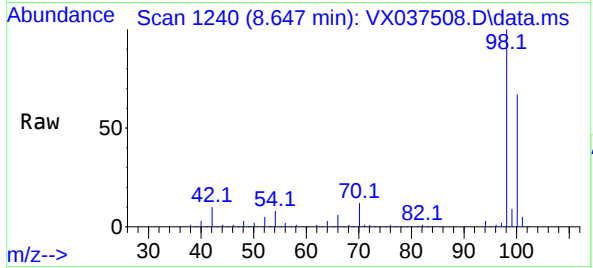




#50
Toluene-d8
Concen: 48.738 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037508.D
Acq: 05 Sep 2023 13:30

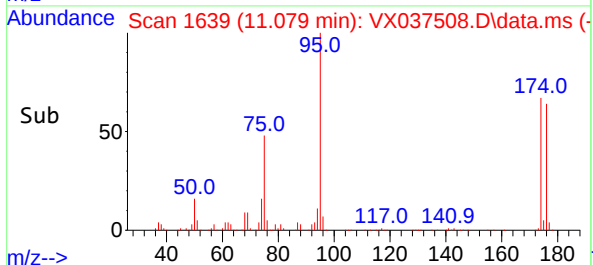
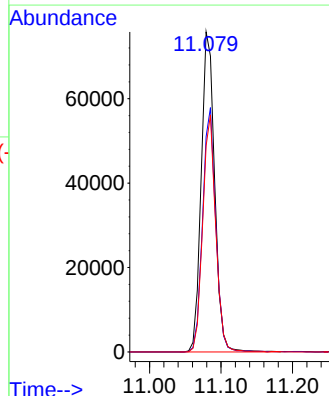
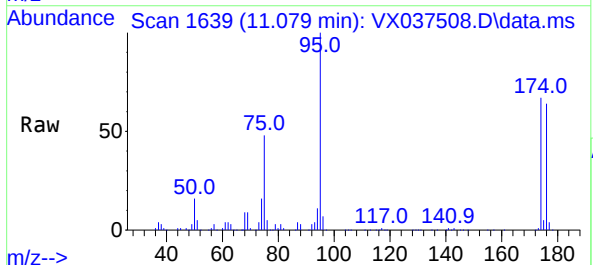
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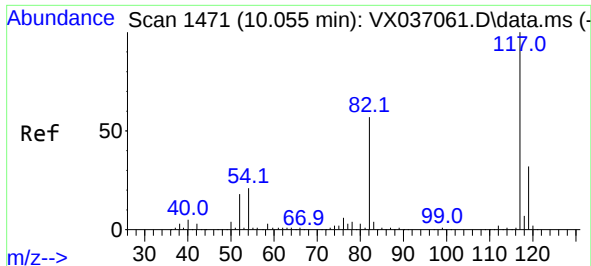
Tgt Ion: 98 Resp: 272046
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.078 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037508.D
Acq: 05 Sep 2023 13:30

Tgt Ion: 95 Resp: 98883
Ion Ratio Lower Upper
95 100
174 74.5 0.0 135.6
176 71.8 0.0 131.0

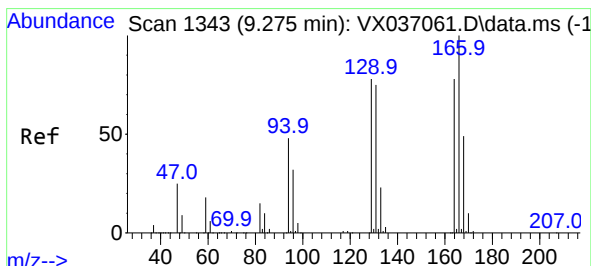
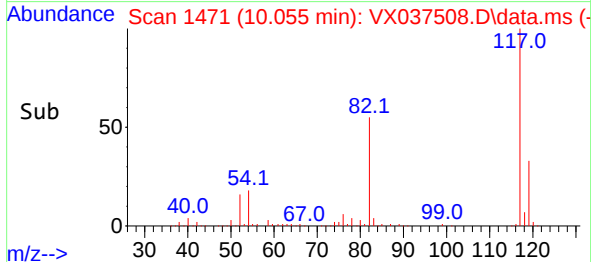
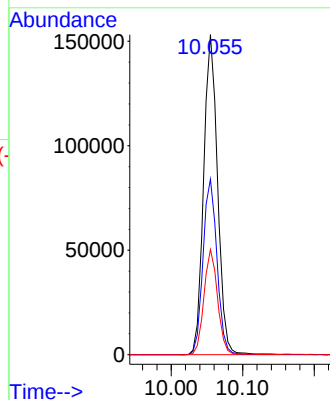
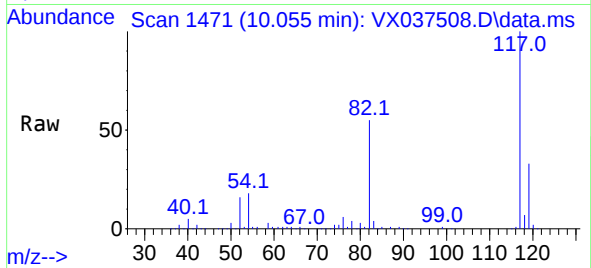




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037508.D
Acq: 05 Sep 2023 13:30

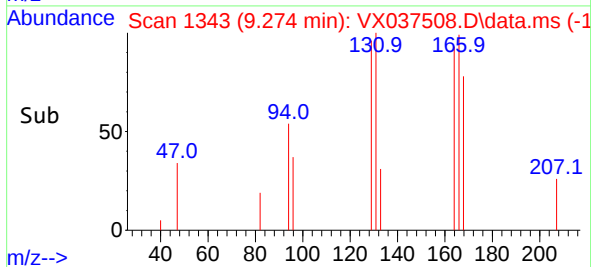
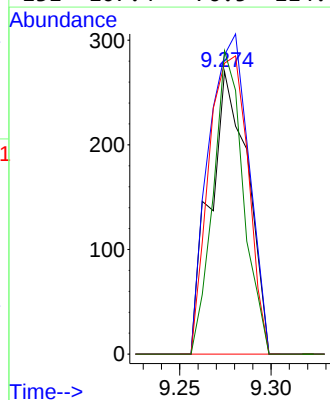
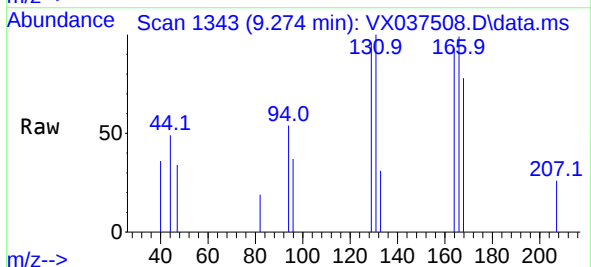
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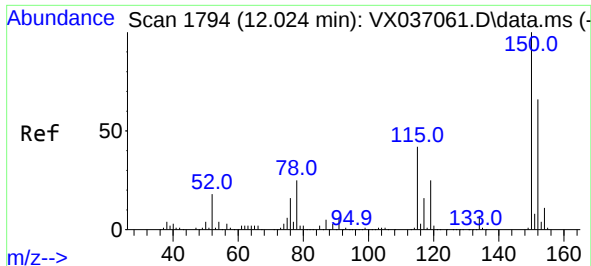
Tgt Ion:117 Resp: 207336
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 32.9 25.5 38.3



#64
Tetrachloroethene
Concen: 0.257 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037508.D
Acq: 05 Sep 2023 13:30

Tgt Ion:164 Resp: 388
Ion Ratio Lower Upper
164 100
166 105.9 102.7 154.1
129 103.0 80.4 120.6
131 107.4 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: VX037508.D

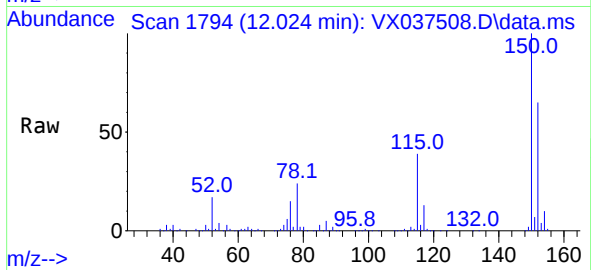
Acq: 05 Sep 2023 13:30

Instrument :

MSVOA_X

ClientSampleId :

MW-11A-13.5-083123-FDDL



Tgt Ion:152 Resp: 91462

Ion Ratio Lower Upper

152 100

115 62.1 43.3 129.9

150 156.7 0.0 345.0

