

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037225.D
 Acq On : 24 Aug 2023 18:43
 Operator : JC/MD
 Sample : 04051-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW181S-20230816

Quant Time: Aug 24 23:40:28 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)

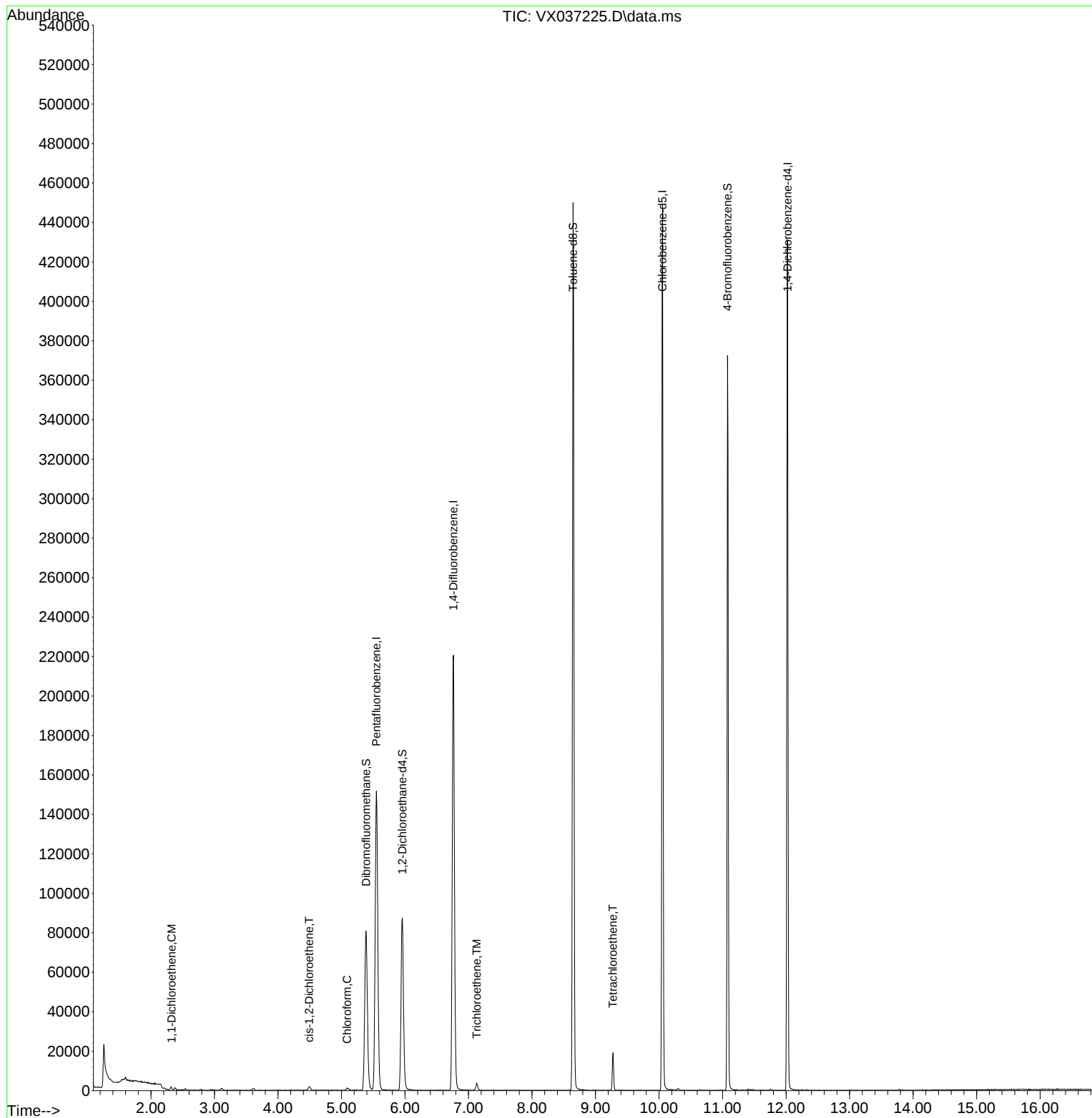
Internal Standards						
1) Pentafluorobenzene	5.550	168	140249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	232188	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88637	43.838	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.680%
35) Dibromofluoromethane	5.385	113	71482	46.486	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.980%
50) Toluene-d8	8.647	98	272258	48.810	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.620%
62) 4-Bromofluorobenzene	11.079	95	101436	46.275	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.540%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.325	96	562	0.389	ug/l #	67
27) cis-1,2-Dichloroethene	4.489	96	1186	0.613	ug/l	83
30) Chloroform	5.086	83	1442	0.447	ug/l #	71
44) Trichloroethene	7.129	130	1446	0.814	ug/l	82
64) Tetrachloroethene	9.275	164	3469	2.289	ug/l	89

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

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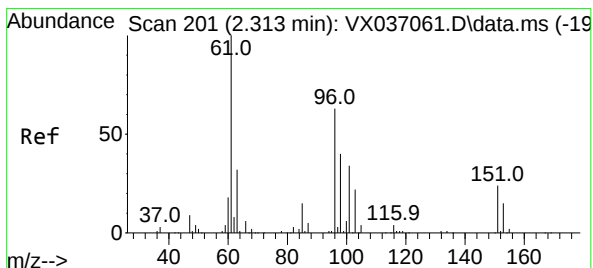
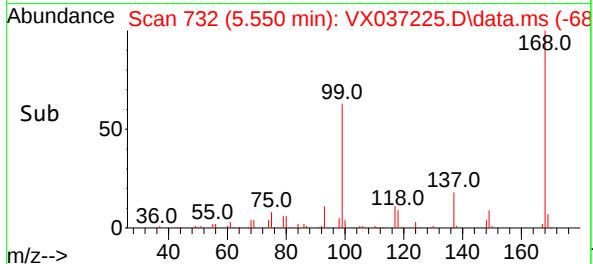
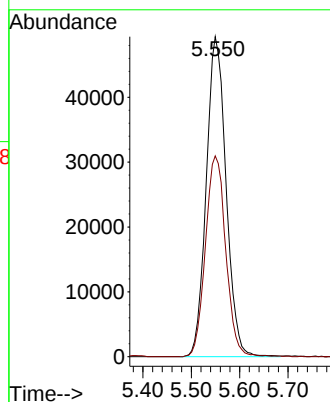
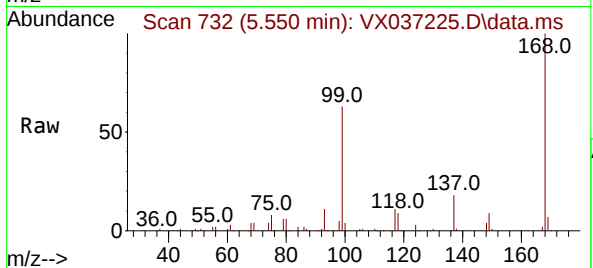




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

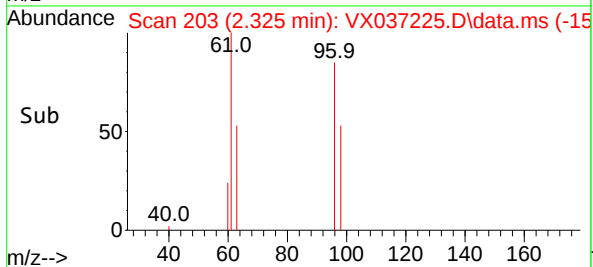
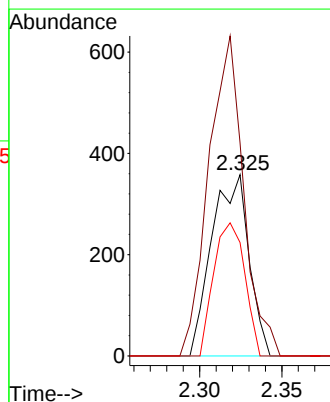
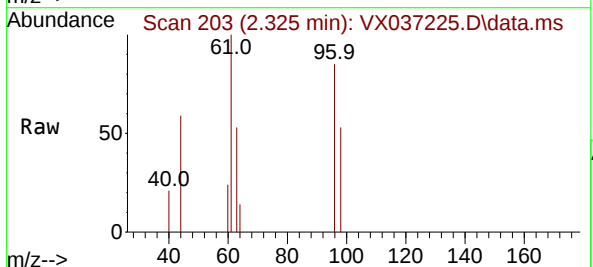
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20230816

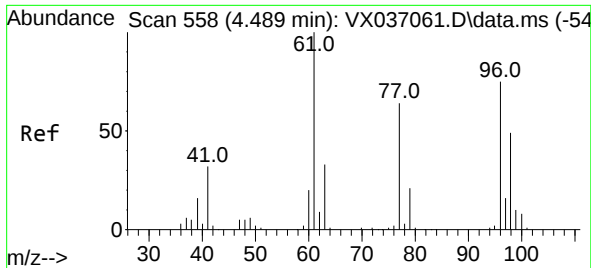
Tgt Ion:168 Resp: 140249
Ion Ratio Lower Upper
168 100
99 62.7 56.6 85.0



#12
1,1-Dichloroethene
Concen: 0.389 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.012 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

Tgt Ion: 96 Resp: 562
Ion Ratio Lower Upper
96 100
61 117.6 144.6 216.8#
98 62.6 50.4 75.6





#27

cis-1,2-Dichloroethene

Concen: 0.613 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX037225.D

Acq: 24 Aug 2023 18:43

Instrument :

MSVOA_X

ClientSampleId :

MW181S-20230816

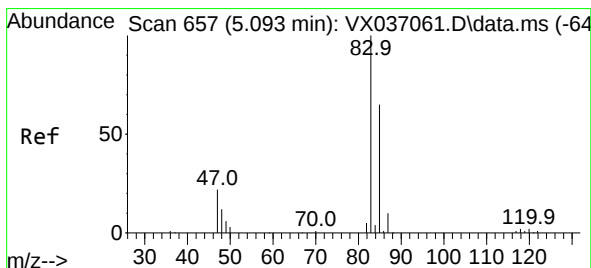
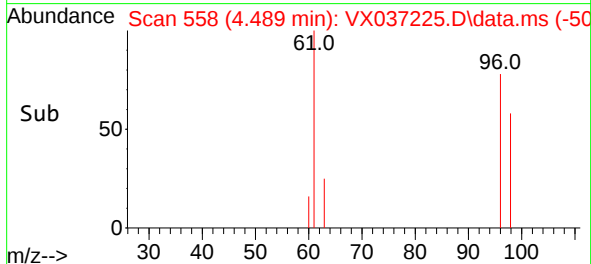
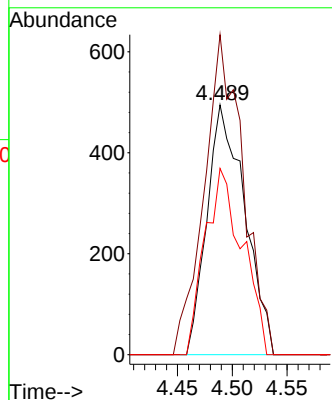
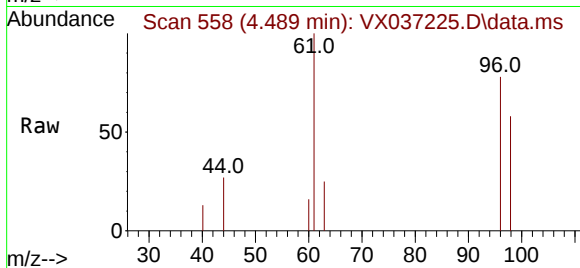
Tgt Ion: 96 Resp: 1186

Ion Ratio Lower Upper

96 100

61 131.2 0.0 312.2

98 74.0 0.0 129.0



#30

Chloroform

Concen: 0.447 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX037225.D

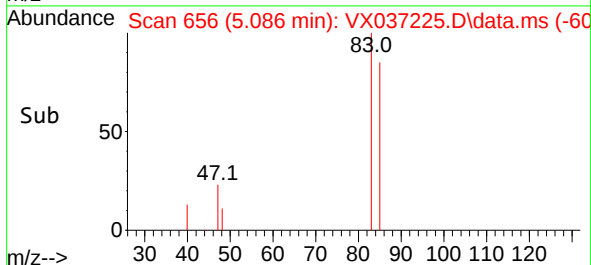
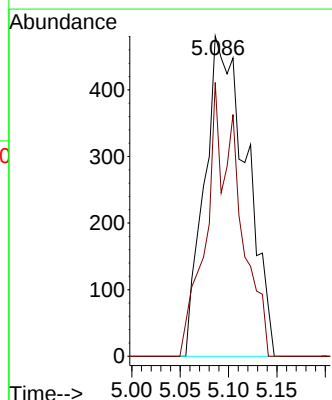
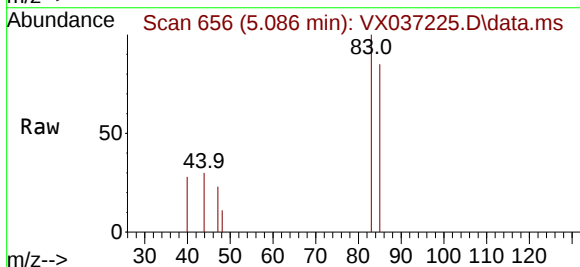
Acq: 24 Aug 2023 18:43

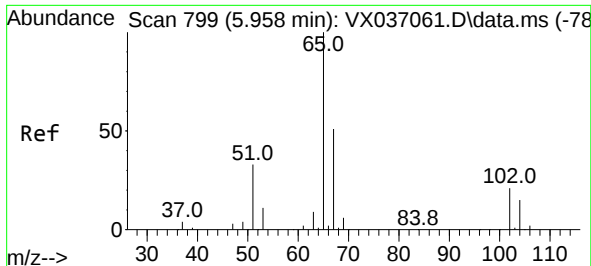
Tgt Ion: 83 Resp: 1442

Ion Ratio Lower Upper

83 100

85 85.4 50.3 75.5#





#33

1,2-Dichloroethane-d4

Concen: 43.838 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037225.D

Acq: 24 Aug 2023 18:43

Instrument :

MSVOA_X

ClientSampleId :

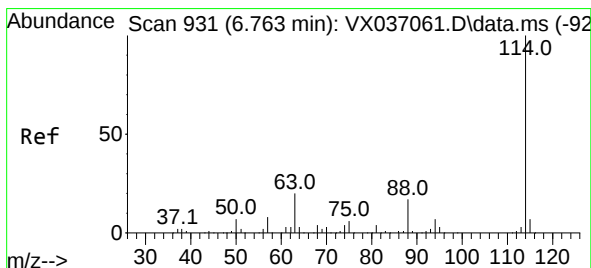
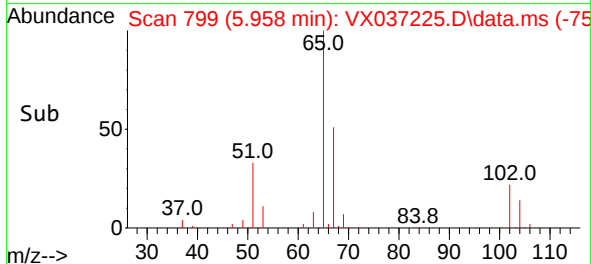
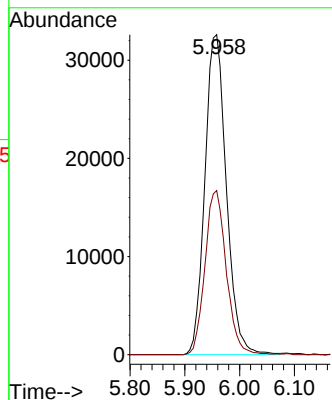
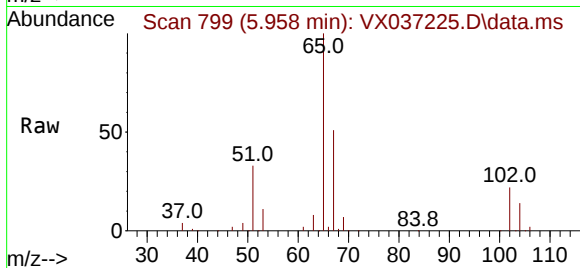
MW181S-20230816

Tgt Ion: 65 Resp: 88637

Ion Ratio Lower Upper

65 100

67 50.8 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: VX037225.D

Acq: 24 Aug 2023 18:43

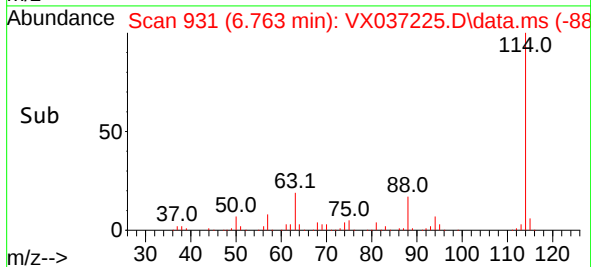
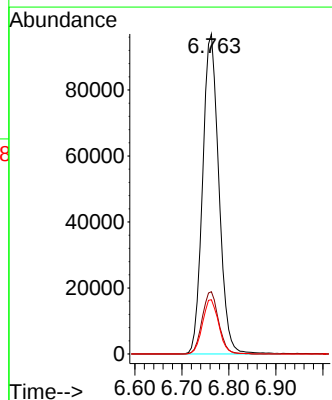
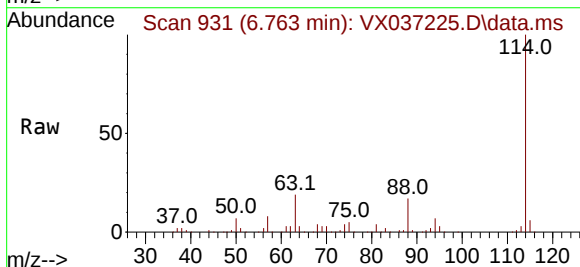
Tgt Ion: 114 Resp: 232188

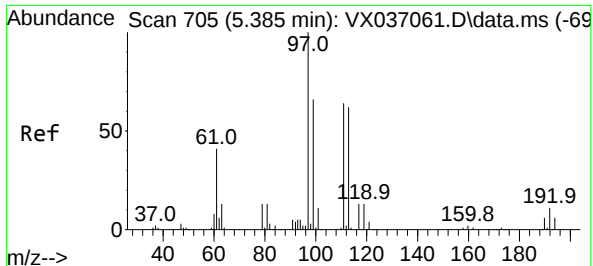
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

88 17.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.486 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037225.D

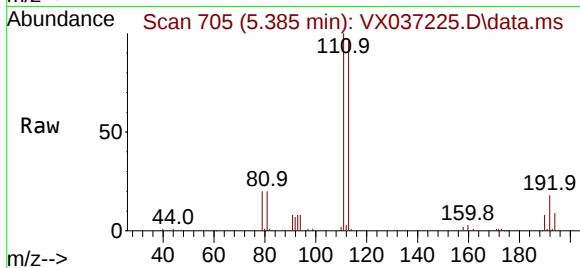
Acq: 24 Aug 2023 18:43

Instrument :

MSVOA_X

ClientSampleId :

MW181S-20230816



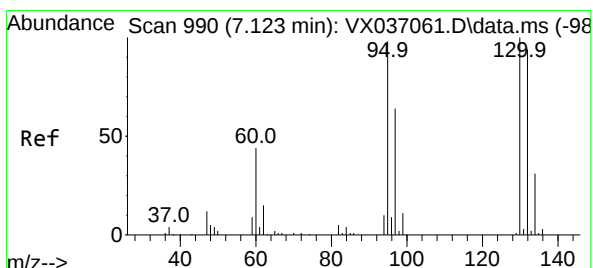
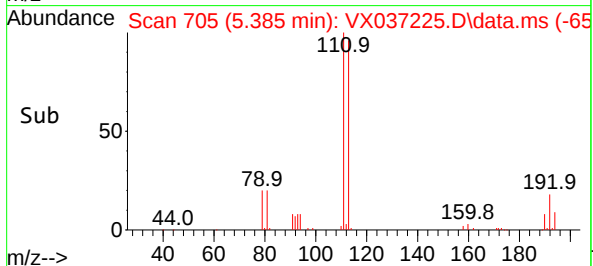
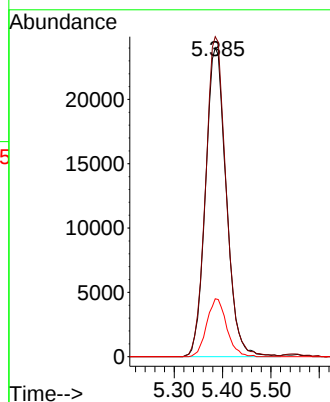
Tgt Ion:113 Resp: 71482

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

192 18.0 13.3 19.9



#44

Trichloroethene

Concen: 0.814 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037225.D

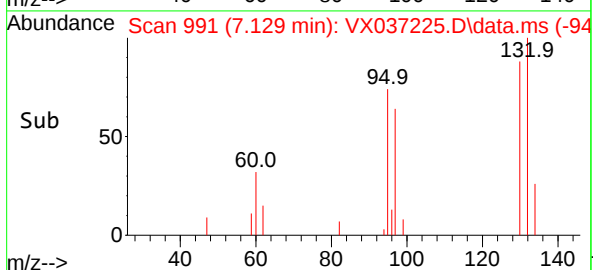
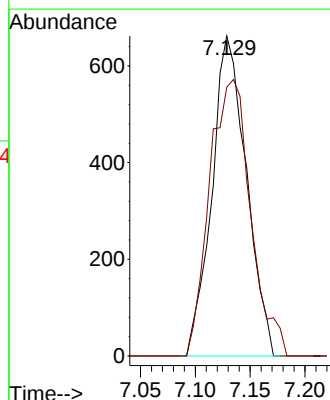
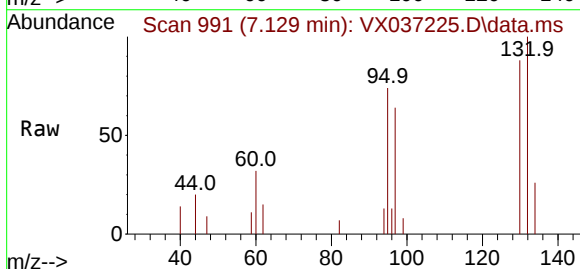
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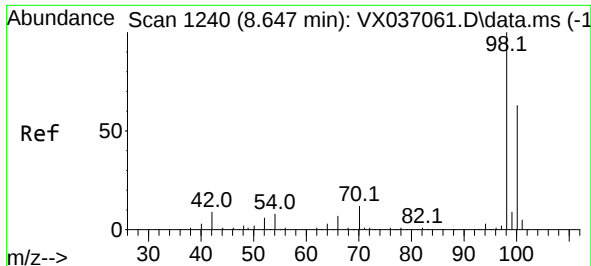
Tgt Ion:130 Resp: 1446

Ion Ratio Lower Upper

130 100

95 84.0 0.0 204.4

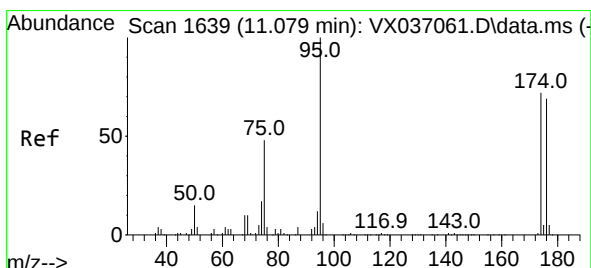
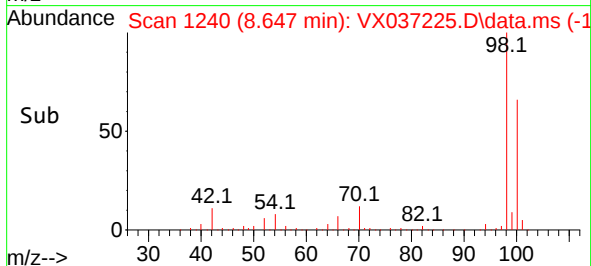
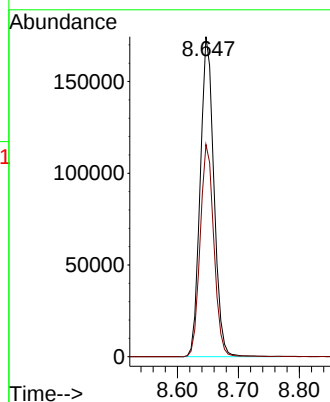
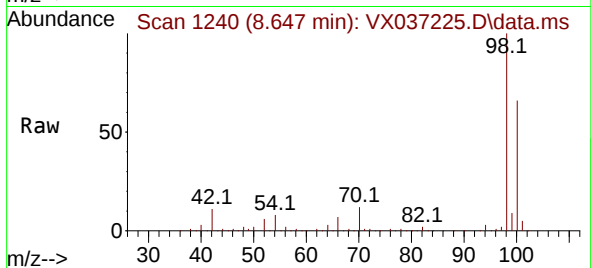




#50
Toluene-d8
Concen: 48.810 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

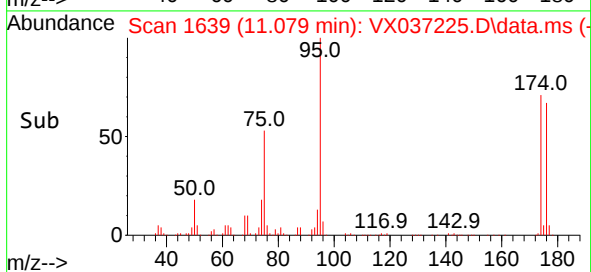
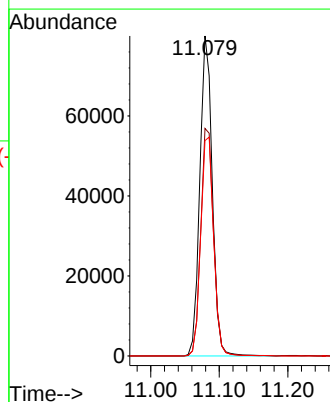
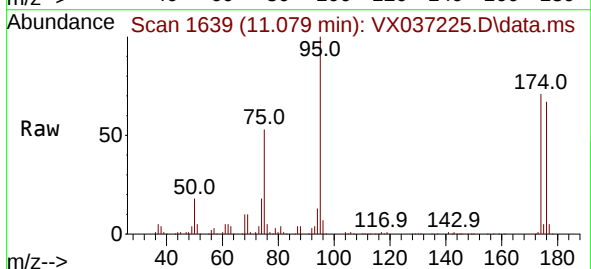
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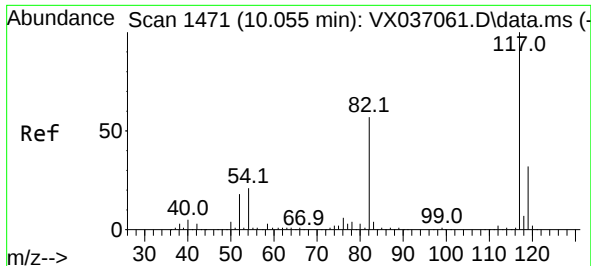
Tgt Ion: 98 Resp: 272258
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.275 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

Tgt Ion: 95 Resp: 101436
Ion Ratio Lower Upper
95 100
174 73.2 0.0 135.6
176 71.0 0.0 131.0

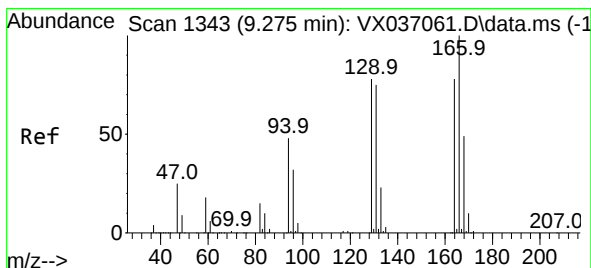
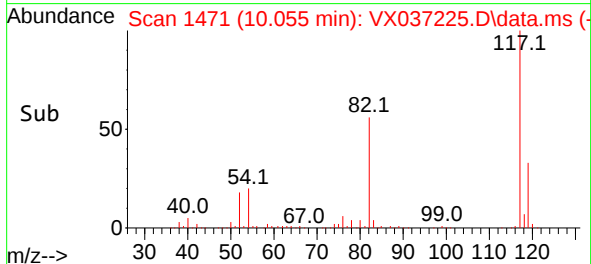
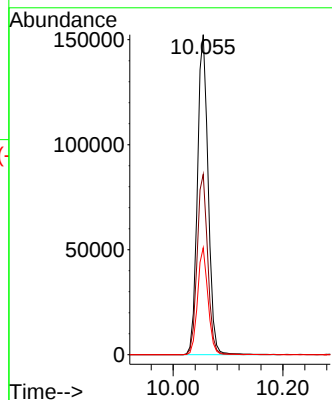
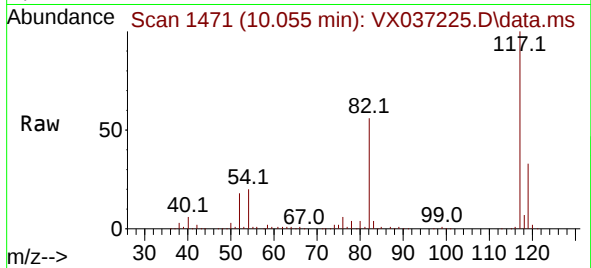




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

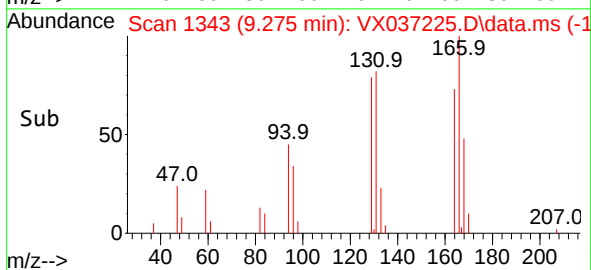
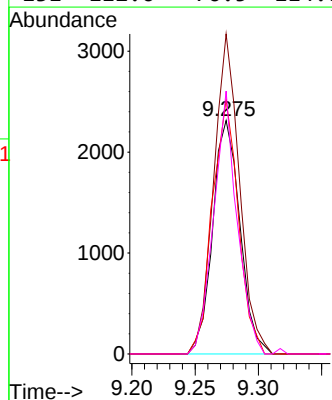
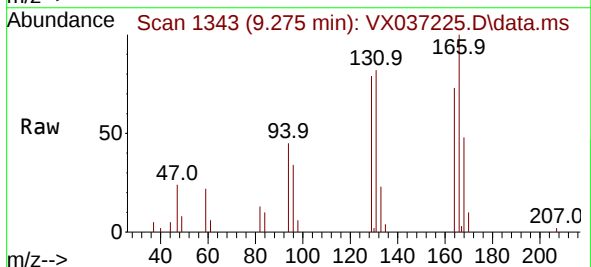
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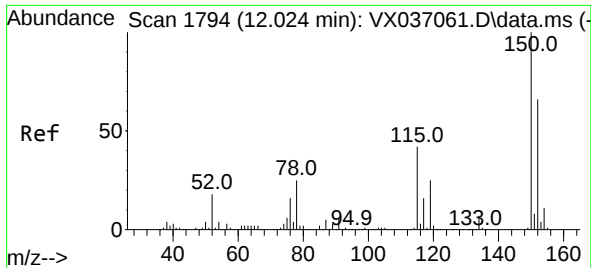
Tgt Ion:117 Resp: 207768
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 33.4 25.5 38.3



#64
Tetrachloroethene
Concen: 2.289 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037225.D
Acq: 24 Aug 2023 18:43

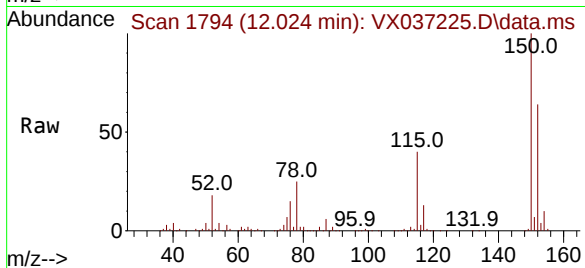
Tgt Ion:164 Resp: 3469
Ion Ratio Lower Upper
164 100
166 137.0 102.7 154.1
129 108.9 80.4 120.6
131 112.6 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037225.D
 Acq: 24 Aug 2023 18:43

Instrument :
 MSVOA_X
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 MW181S-20230816



Tgt Ion:152 Resp: 91897
 Ion Ratio Lower Upper
 152 100
 115 64.7 43.3 129.9
 150 159.1 0.0 345.0

