

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038906.D
 Acq On : 18 Nov 2023 03:58
 Operator : JC/MD
 Sample : 05404-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20231109

Quant Time: Nov 18 05:07:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

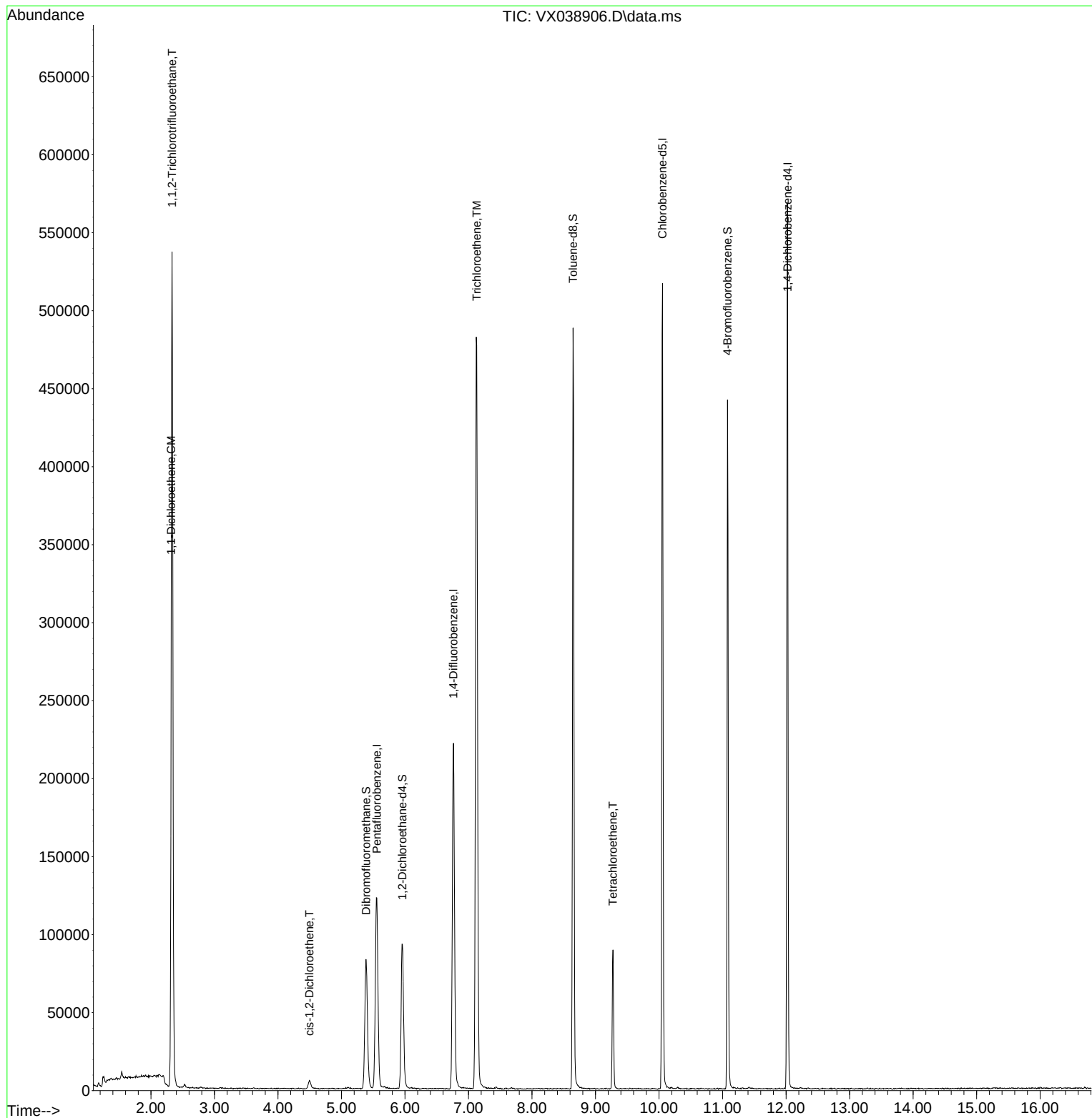
Internal Standards						
1) Pentafluorobenzene	5.556	168	113573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227953	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86592	47.317	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.640%
35) Dibromofluoromethane	5.385	113	72895	44.277	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.560%
50) Toluene-d8	8.647	98	289444	45.951	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.900%#
62) 4-Bromofluorobenzene	11.079	95	121731	48.277	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.560%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	211725	151.005	ug/l	97
12) 1,1-Dichloroethene	2.319	96	2267	1.601	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	3461	1.901	ug/l	85
44) Trichloroethene	7.129	130	183755	108.172	ug/l	99
64) Tetrachloroethene	9.275	164	15427	10.707	ug/l	92

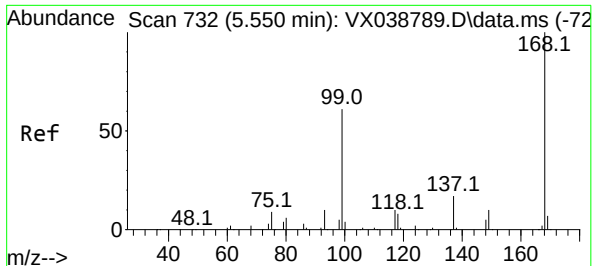
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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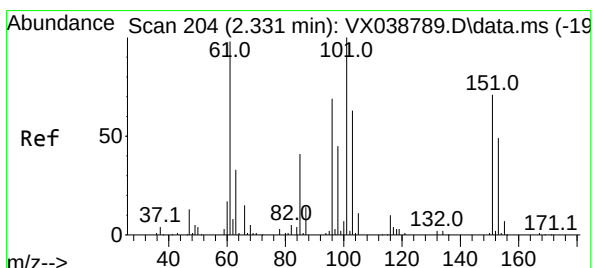
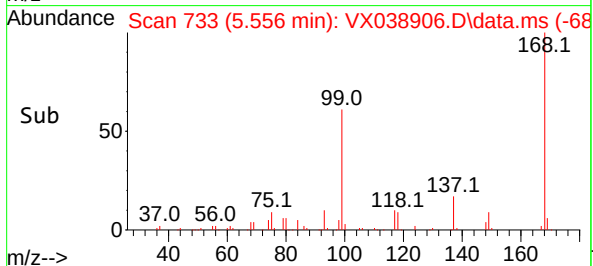
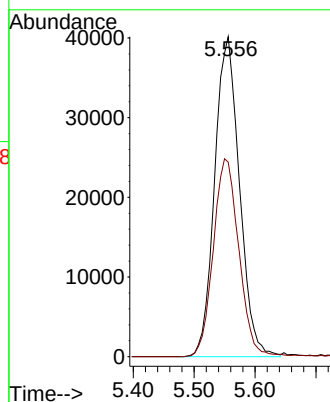
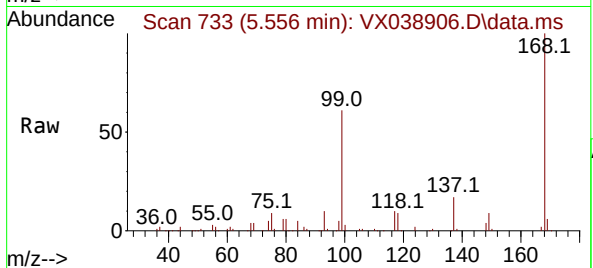




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX038906.D
Acq: 18 Nov 2023 03:58

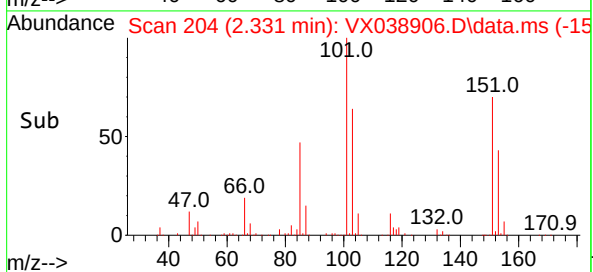
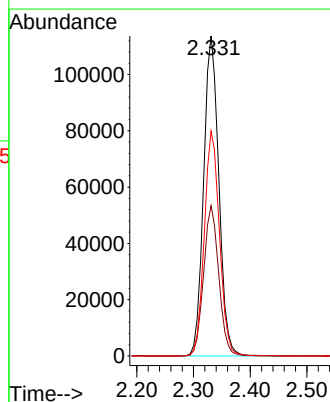
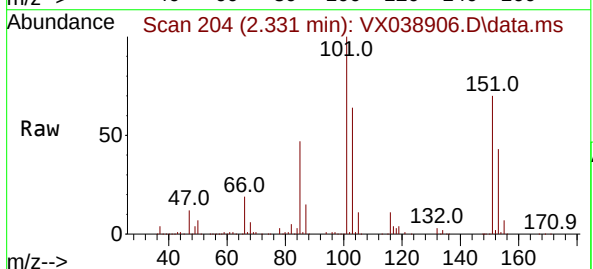
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20231109

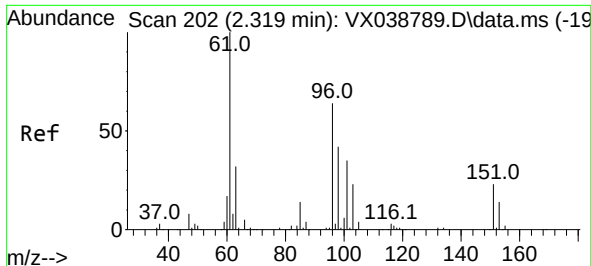
Tgt Ion:168 Resp: 113573
Ion Ratio Lower Upper
168 100
99 60.8 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 151.005 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038906.D
Acq: 18 Nov 2023 03:58

Tgt Ion:101 Resp: 211725
Ion Ratio Lower Upper
101 100
85 46.8 37.0 55.6
151 70.1 58.6 87.8

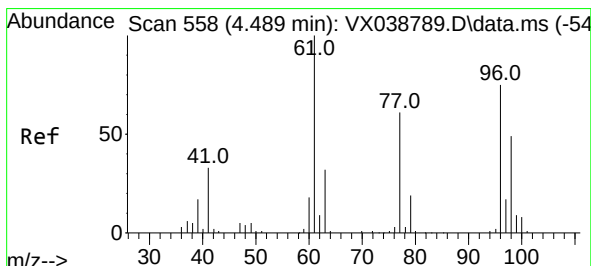
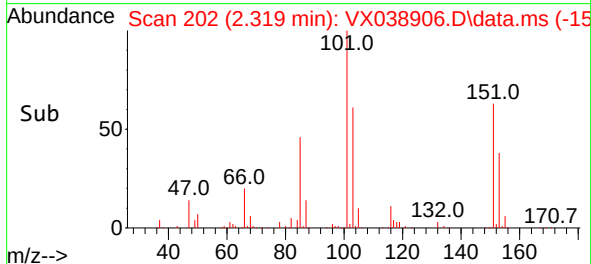
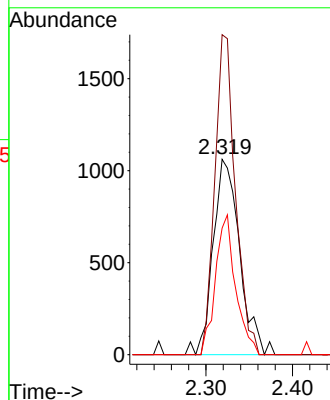
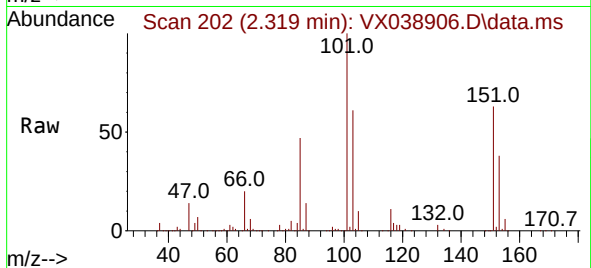




#12
1,1-Dichloroethene
Concen: 1.601 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038906.D
Acq: 18 Nov 2023 03:58

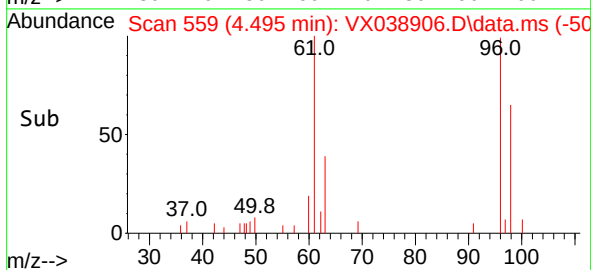
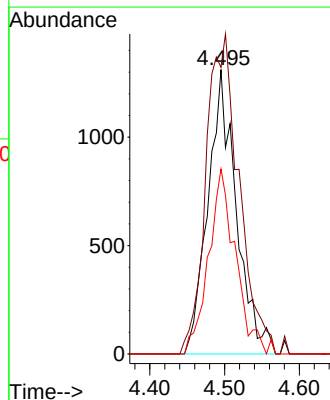
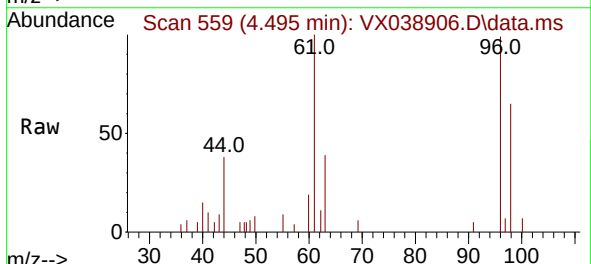
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20231109

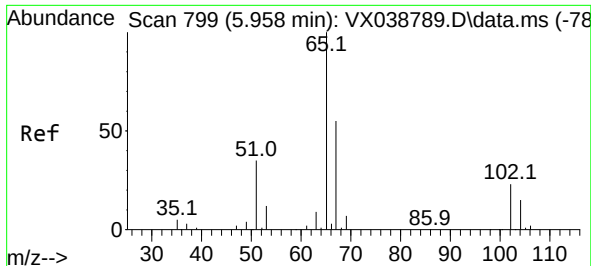
Tgt Ion: 96 Resp: 2267
Ion Ratio Lower Upper
96 100
61 163.7 144.6 216.8
98 64.8 50.4 75.6



#27
cis-1,2-Dichloroethene
Concen: 1.901 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX038906.D
Acq: 18 Nov 2023 03:58

Tgt Ion: 96 Resp: 3461
Ion Ratio Lower Upper
96 100
61 130.4 0.0 312.2
98 61.6 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 47.317 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038906.D

Acq: 18 Nov 2023 03:58

Instrument :

MSVOA_X

ClientSampleId :

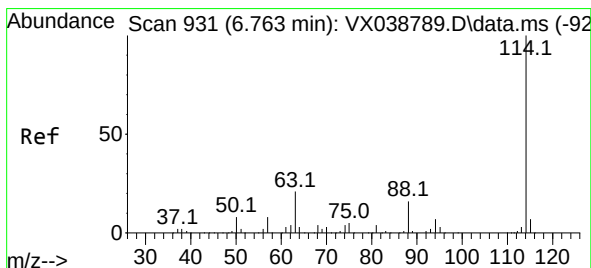
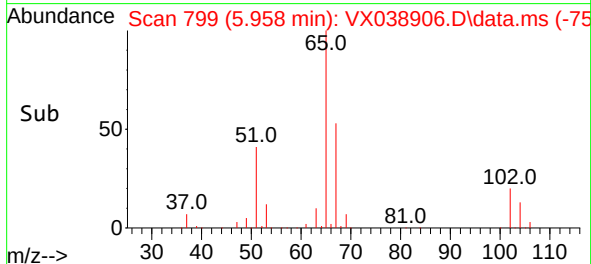
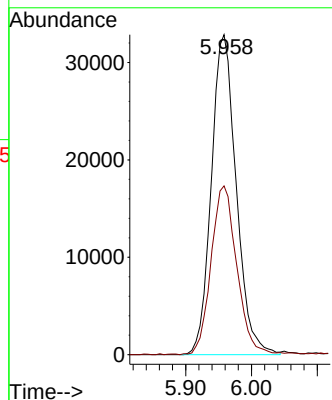
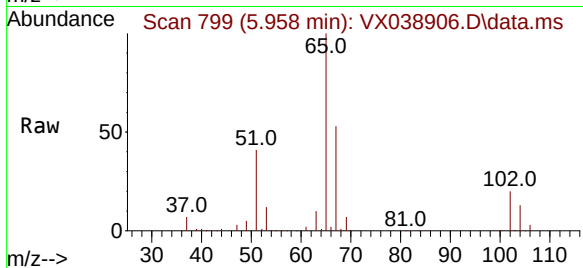
RE125D3-20231109

Tgt Ion: 65 Resp: 86592

Ion Ratio Lower Upper

65 100

67 54.5 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: VX038906.D

Acq: 18 Nov 2023 03:58

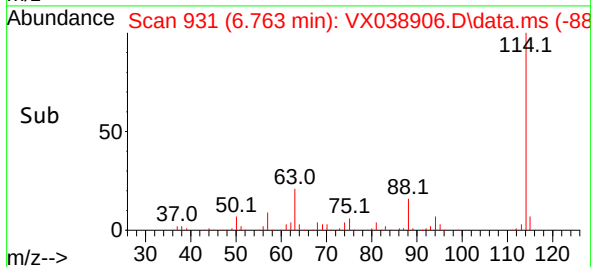
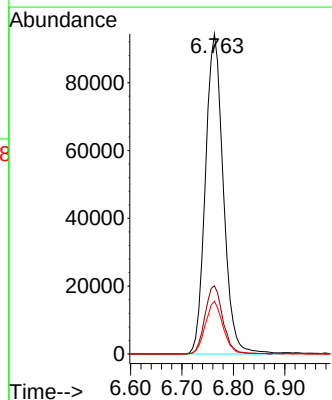
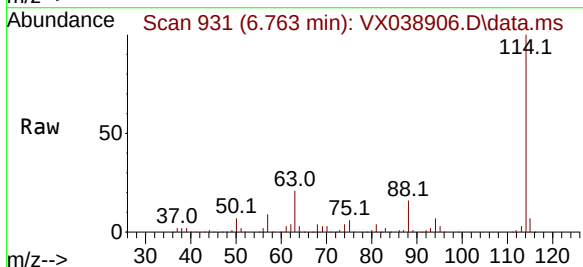
Tgt Ion: 114 Resp: 227953

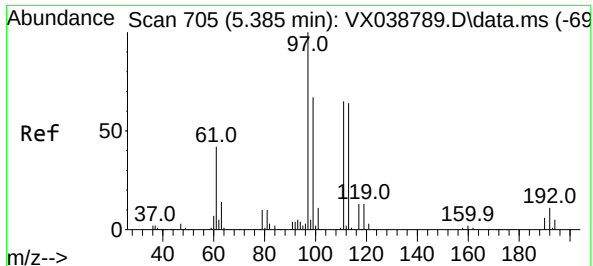
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.0

88 16.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.277 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038906.D

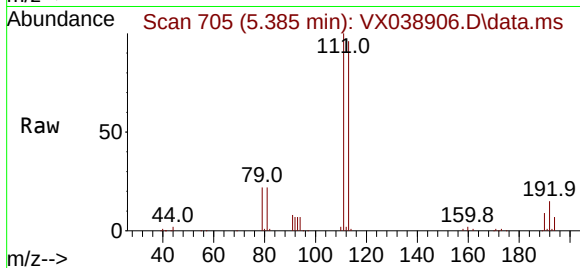
Acq: 18 Nov 2023 03:58

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20231109



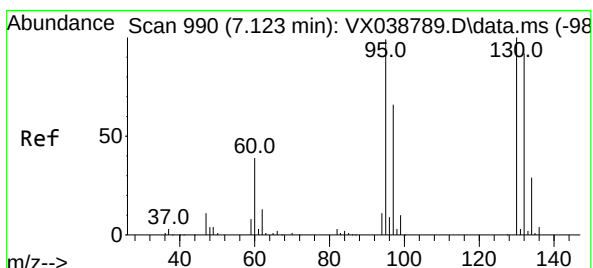
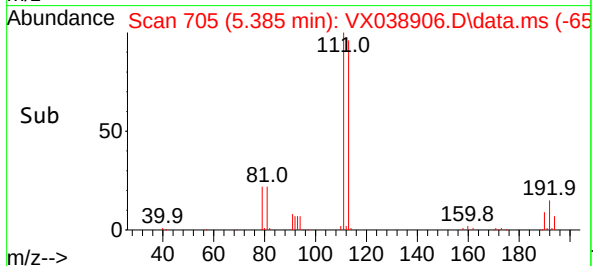
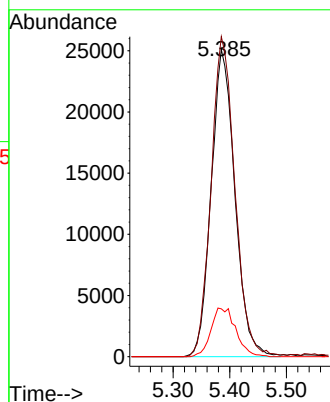
Tgt Ion:113 Resp: 72895

Ion Ratio Lower Upper

113 100

111 104.3 82.9 124.3

192 16.6 13.3 19.9



#44

Trichloroethene

Concen: 108.172 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX038906.D

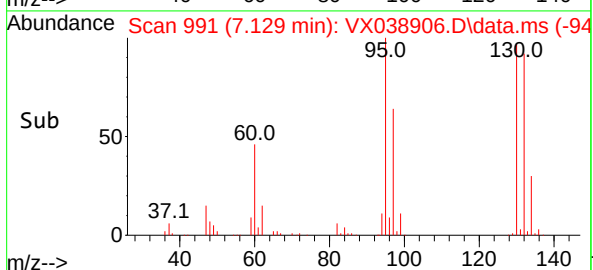
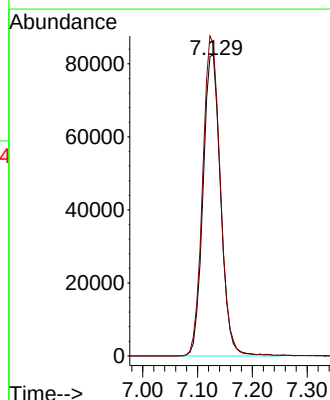
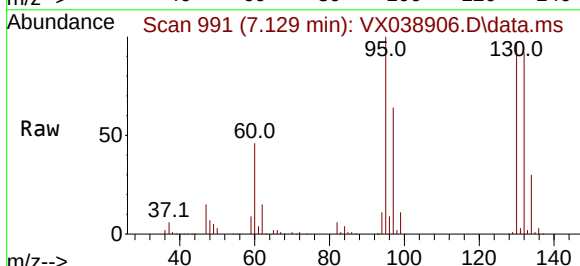
Acq: 18 Nov 2023 03:58

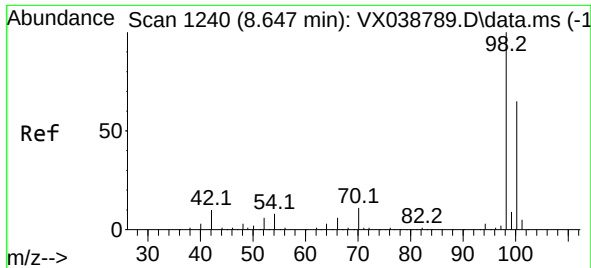
Tgt Ion:130 Resp: 183755

Ion Ratio Lower Upper

130 100

95 103.4 0.0 204.4

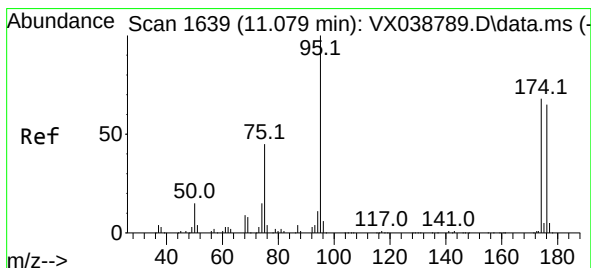
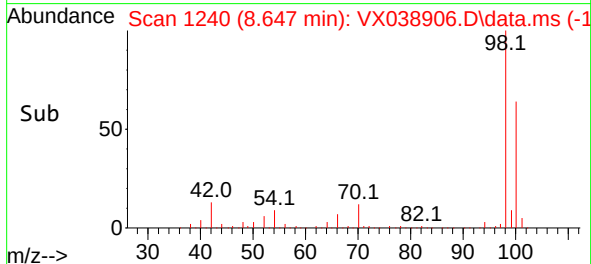
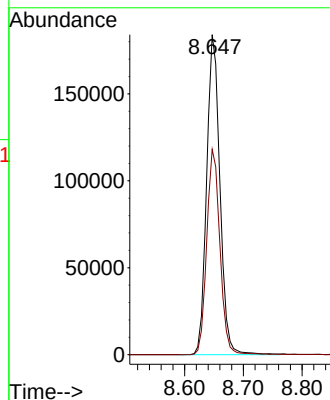
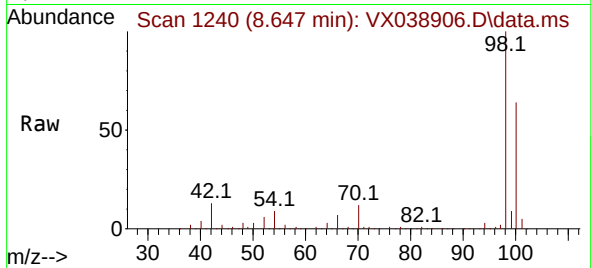




#50
Toluene-d8
Concen: 45.951 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038906.D
Acq: 18 Nov 2023 03:58

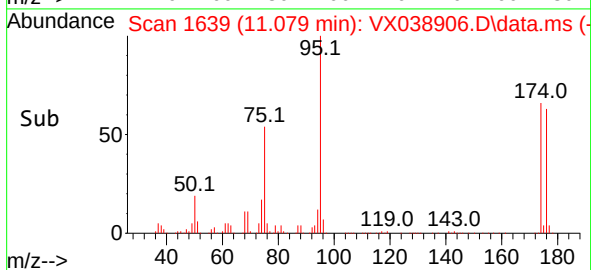
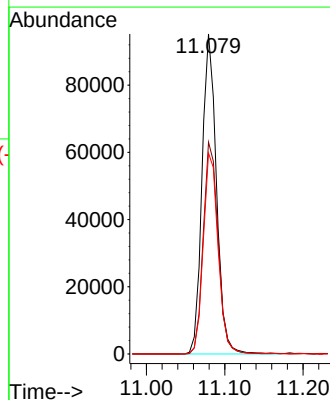
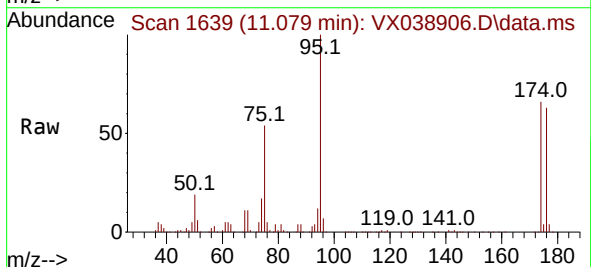
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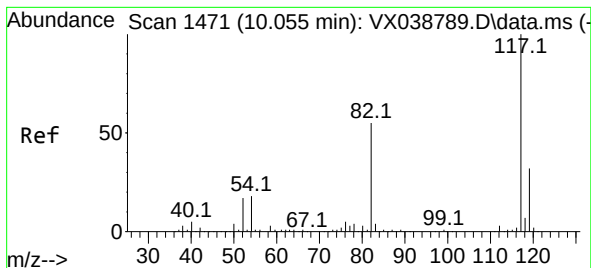
Tgt Ion: 98 Resp: 289444
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.277 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038906.D
Acq: 18 Nov 2023 03:58

Tgt Ion: 95 Resp: 121731
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.6
176 64.9 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: VX038906.D

Acq: 18 Nov 2023 03:58

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20231109

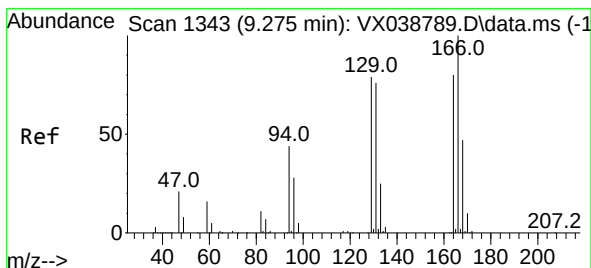
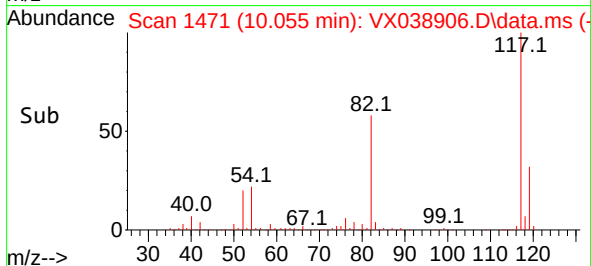
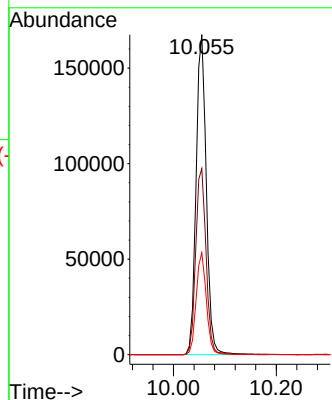
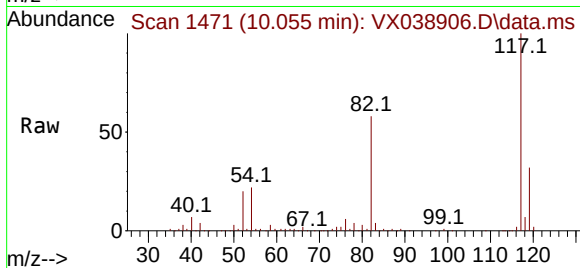
Tgt Ion:117 Resp: 231805

Ion Ratio Lower Upper

117 100

82 58.1 46.2 69.4

119 31.8 25.5 38.3



#64

Tetrachloroethene

Concen: 10.707 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX038906.D

Acq: 18 Nov 2023 03:58

Tgt Ion:164 Resp: 15427

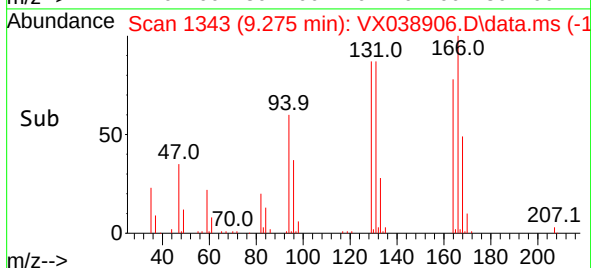
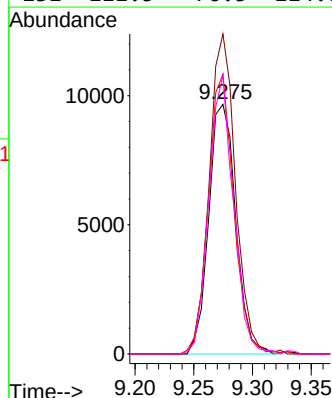
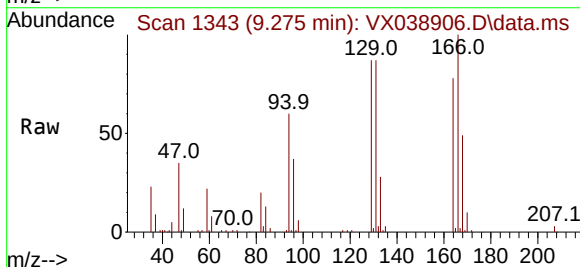
Ion Ratio Lower Upper

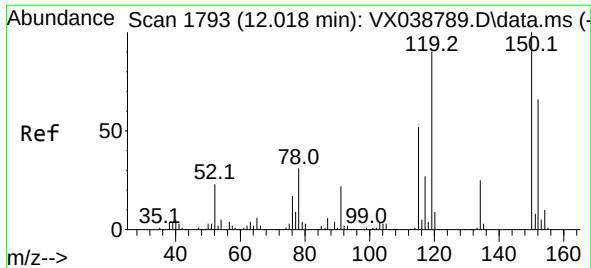
164 100

166 128.2 102.7 154.1

129 112.1 80.4 120.6

131 111.5 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038906.D

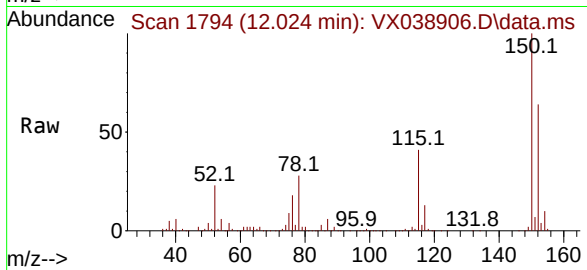
Acq: 18 Nov 2023 03:58

Instrument :

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Tgt Ion:152 Resp: 114746

Ion Ratio Lower Upper

152 100

115 65.4 43.3 129.9

150 158.5 0.0 345.0

