

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038932.D
 Acq On : 18 Nov 2023 16:41
 Operator : JC/MD
 Sample : 05404-31
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20231110

Quant Time: Nov 20 04:37:06 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)

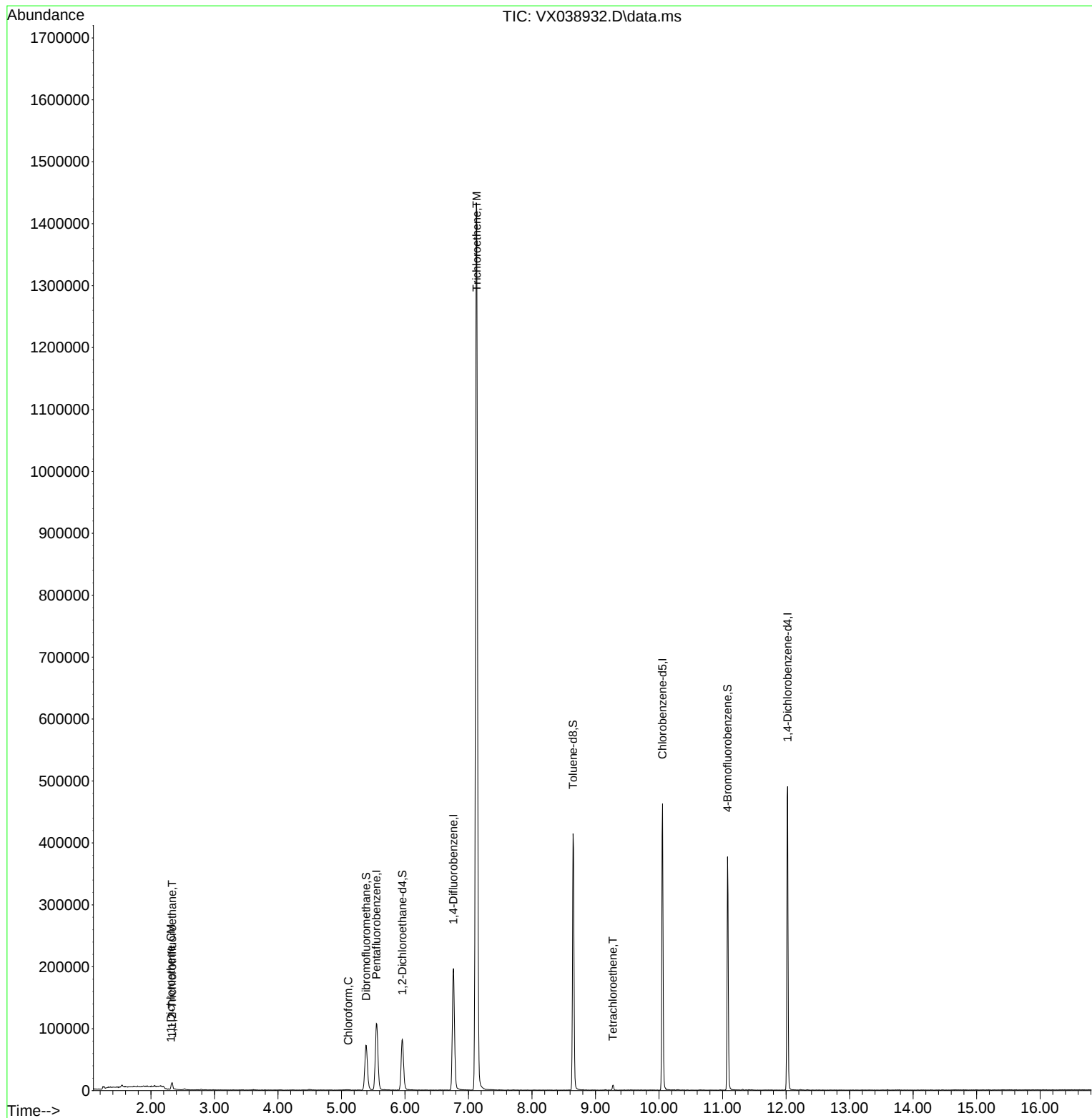
Internal Standards						
1) Pentafluorobenzene	5.550	168	98464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199429	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78890	49.723	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.440%
35) Dibromofluoromethane	5.385	113	64572	44.832	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.660%
50) Toluene-d8	8.647	98	251042	45.555	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.100%#
62) 4-Bromofluorobenzene	11.079	95	103132	46.751	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.500%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	4128	3.396	ug/l	97
12) 1,1-Dichloroethene	2.313	96	453	0.369	ug/l #	74
30) Chloroform	5.105	83	1161	0.472	ug/l #	81
44) Trichloroethene	7.129	130	532695	358.437	ug/l	96
64) Tetrachloroethene	9.275	164	1352	1.085	ug/l #	87

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

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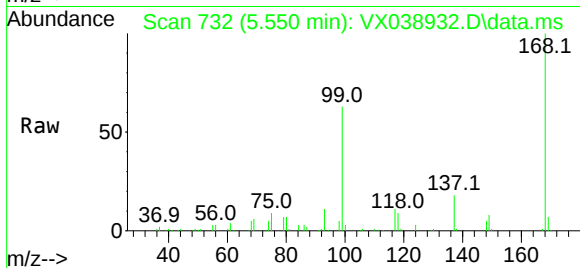
Quant Time: Nov 20 04:37:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration



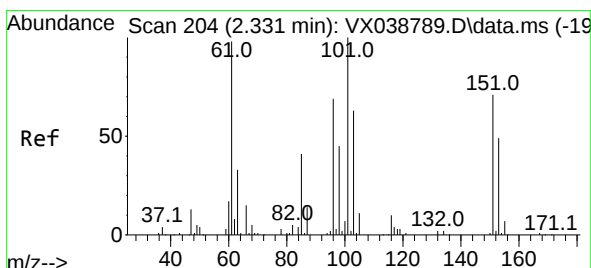
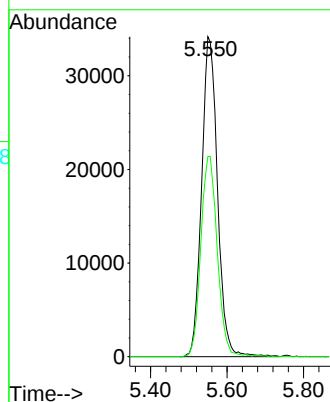
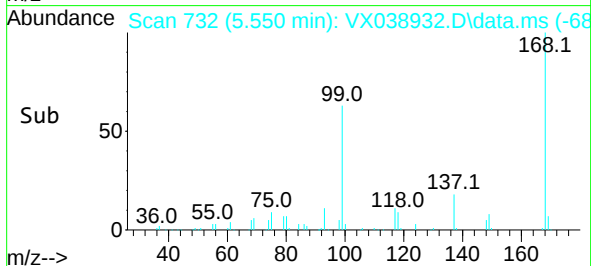


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX038932.D
Acq: 18 Nov 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20231110

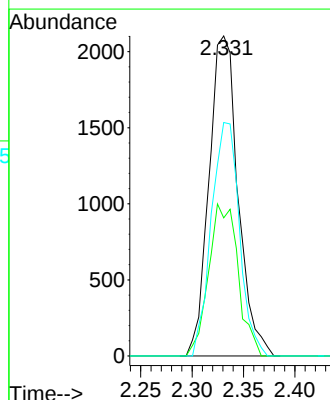
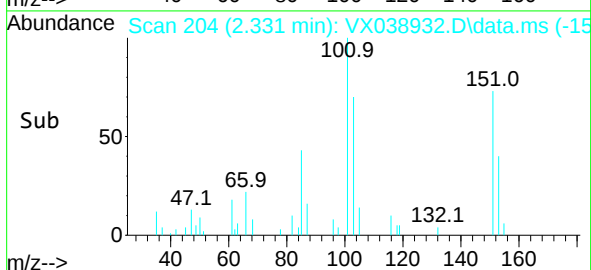
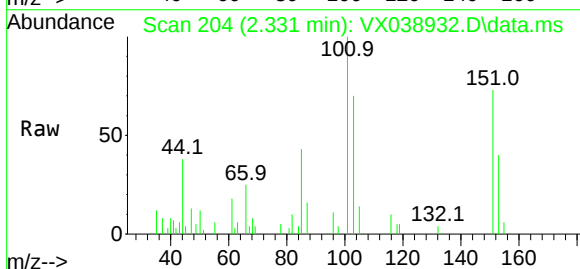


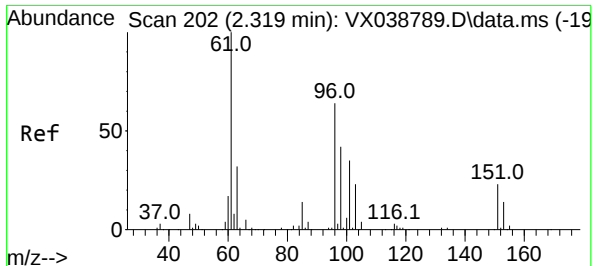
Tgt Ion:168 Resp: 98464
Ion Ratio Lower Upper
168 100
99 62.6 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.396 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038932.D
Acq: 18 Nov 2023 16:41

Tgt Ion:101 Resp: 4128
Ion Ratio Lower Upper
101 100
85 48.0 37.0 55.6
151 70.5 58.6 87.8





#12

1,1-Dichloroethene

Concen: 0.369 ug/l

RT: 2.313 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX038932.D

Acq: 18 Nov 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20231110

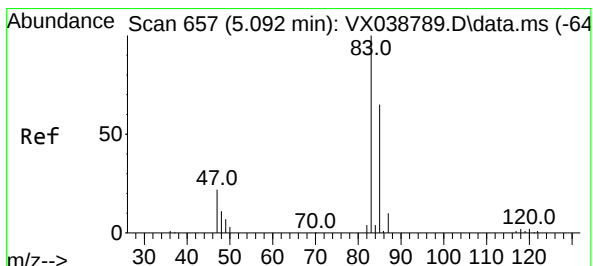
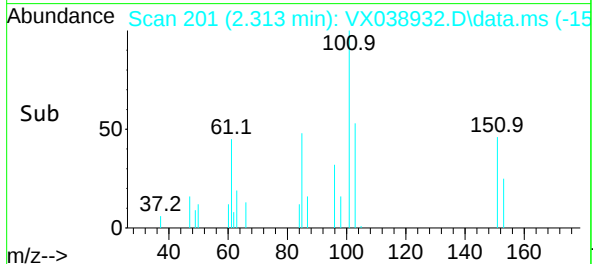
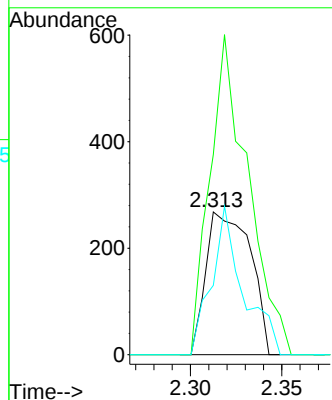
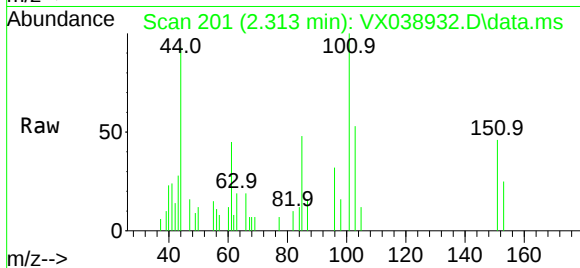
Tgt Ion: 96 Resp: 453

Ion Ratio Lower Upper

96 100

61 140.3 144.6 216.8#

98 48.5 50.4 75.6#



#30

Chloroform

Concen: 0.472 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.012 min

Lab File: VX038932.D

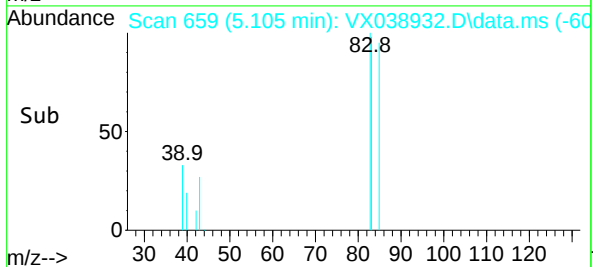
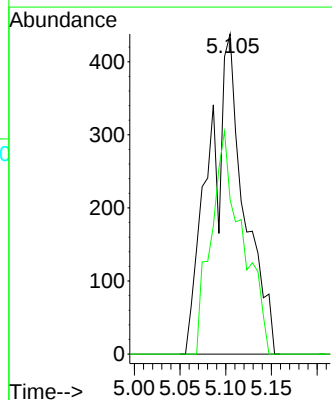
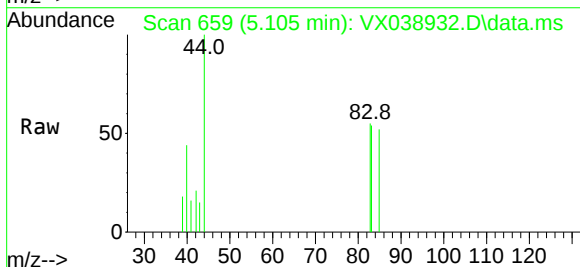
Acq: 18 Nov 2023 16:41

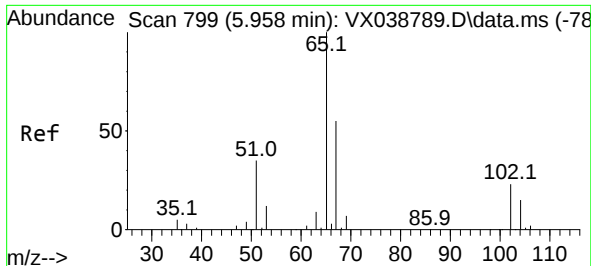
Tgt Ion: 83 Resp: 1161

Ion Ratio Lower Upper

83 100

85 48.2 50.3 75.5#

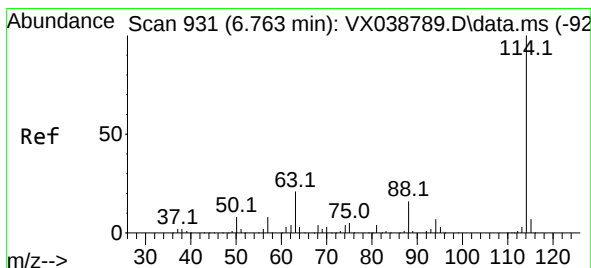
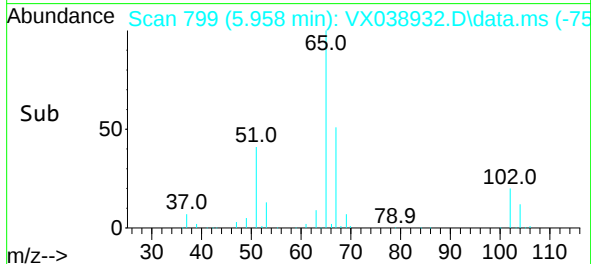
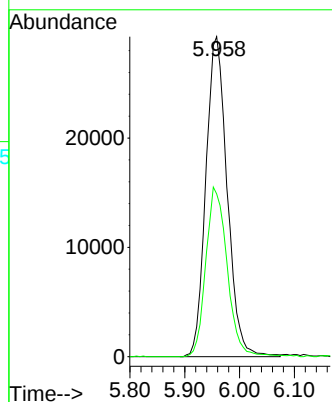
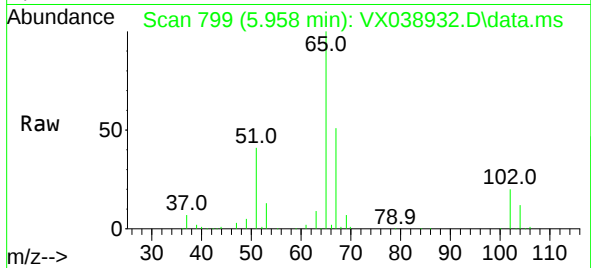




#33
1,2-Dichloroethane-d4
Concen: 49.723 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038932.D
Acq: 18 Nov 2023 16:41

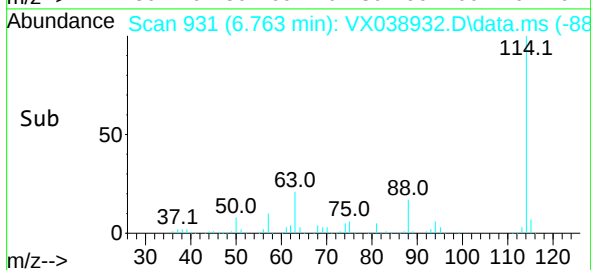
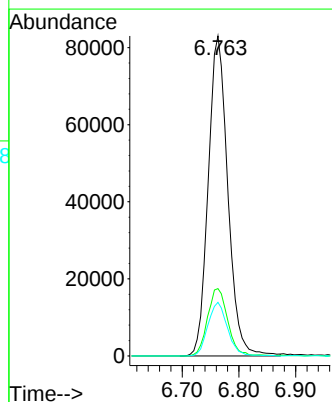
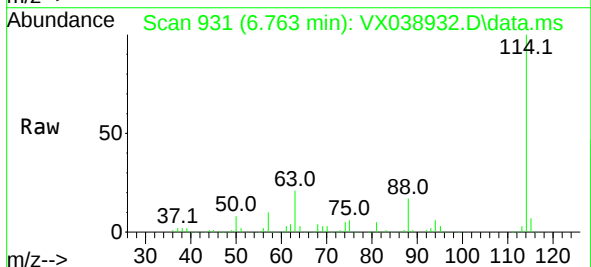
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20231110

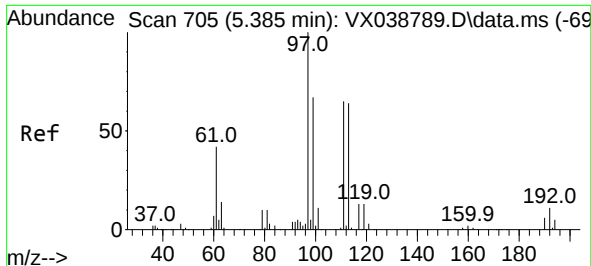
Tgt Ion: 65 Resp: 78890
Ion Ratio Lower Upper
65 100
67 53.2 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038932.D
Acq: 18 Nov 2023 16:41

Tgt Ion: 114 Resp: 199429
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 16.8 0.0 36.6

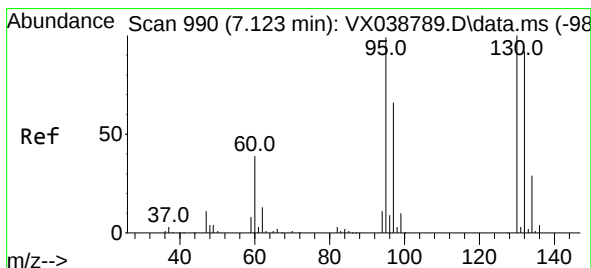
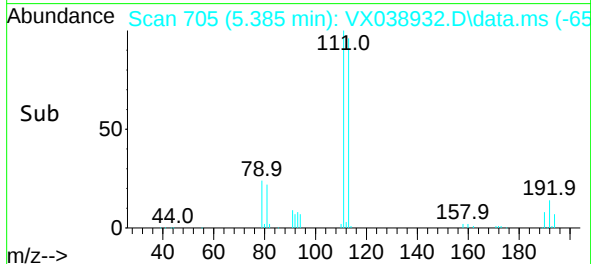
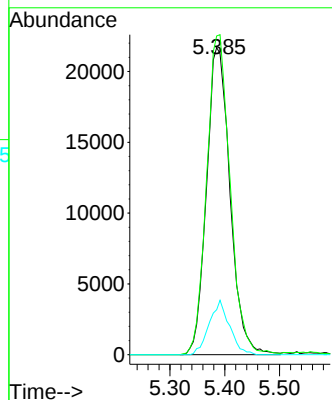
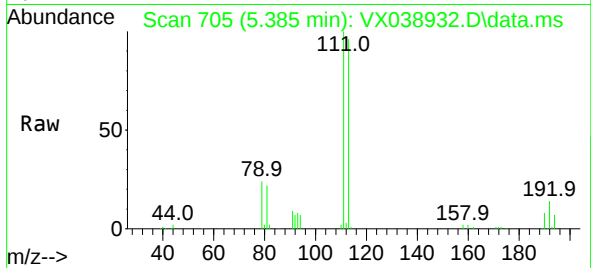




#35
Dibromofluoromethane
Concen: 44.832 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038932.D
Acq: 18 Nov 2023 16:41

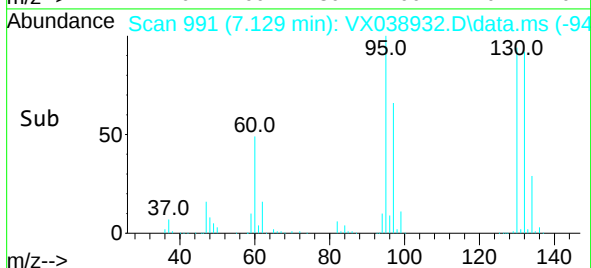
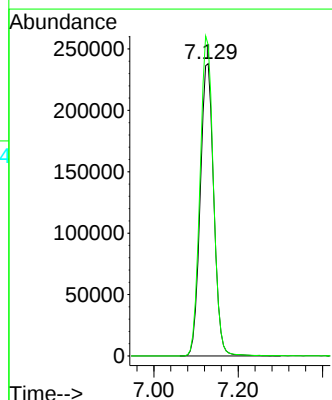
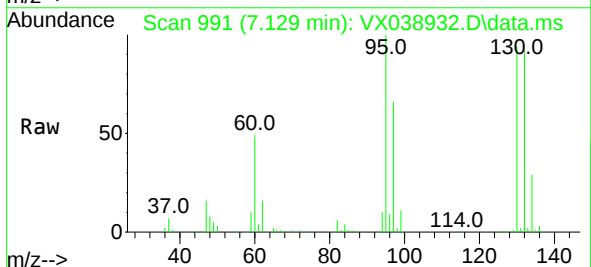
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20231110

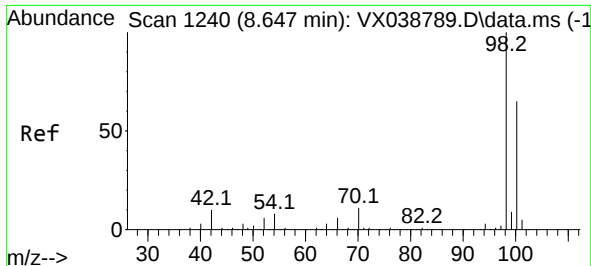
Tgt Ion:113 Resp: 64572
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 15.3 13.3 19.9



#44
Trichloroethene
Concen: 358.437 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038932.D
Acq: 18 Nov 2023 16:41

Tgt Ion:130 Resp: 532695
Ion Ratio Lower Upper
130 100
95 106.5 0.0 204.4

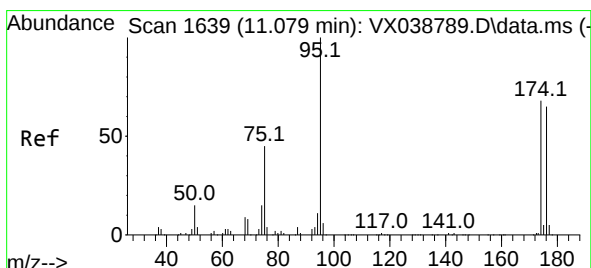
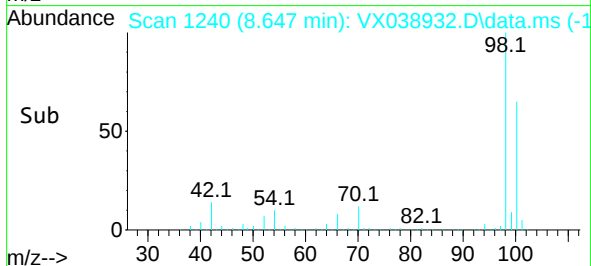
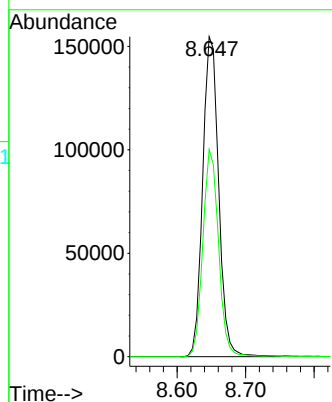
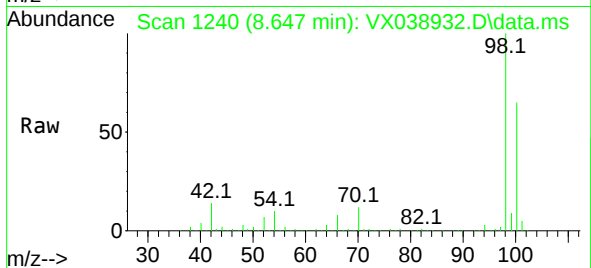




#50
Toluene-d8
Concen: 45.555 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038932.D
Acq: 18 Nov 2023 16:41

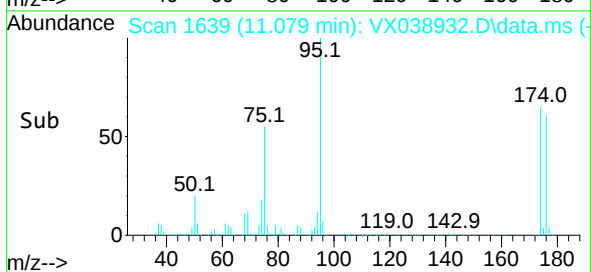
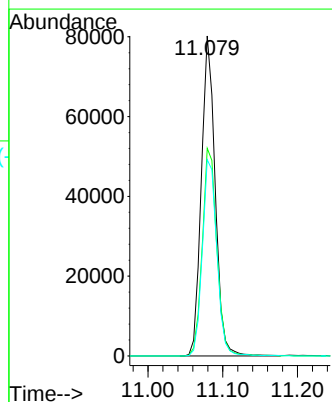
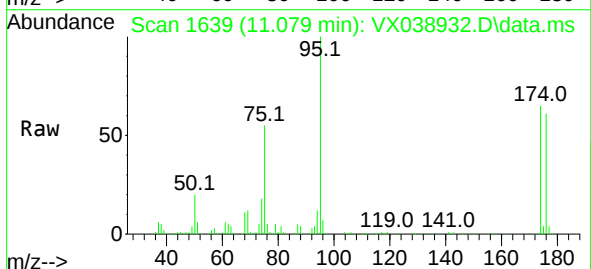
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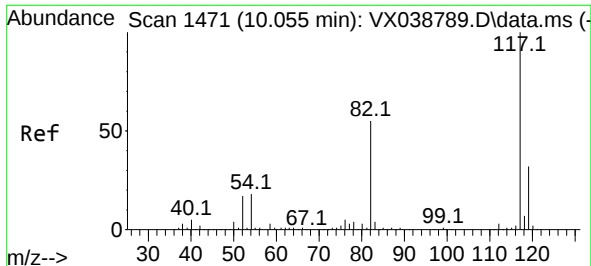
Tgt Ion: 98 Resp: 251042
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.751 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038932.D
Acq: 18 Nov 2023 16:41

Tgt Ion: 95 Resp: 103132
Ion Ratio Lower Upper
95 100
174 68.2 0.0 135.6
176 64.2 0.0 131.0

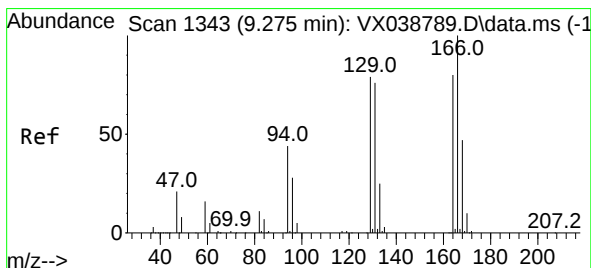
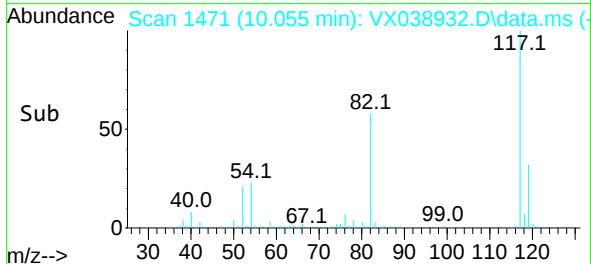
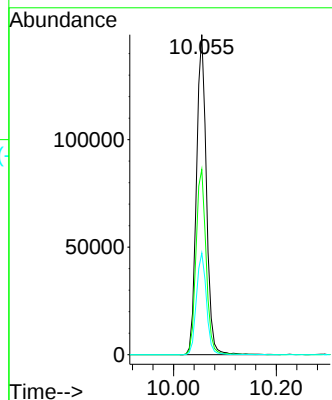
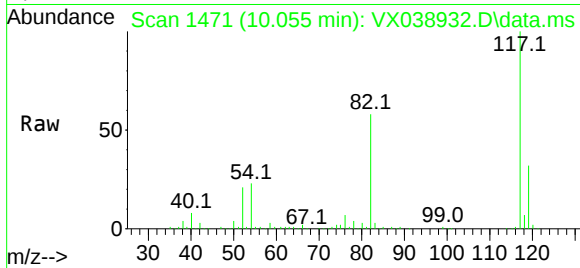




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038932.D
Acq: 18 Nov 2023 16:41

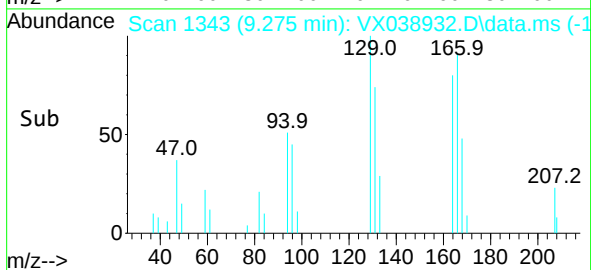
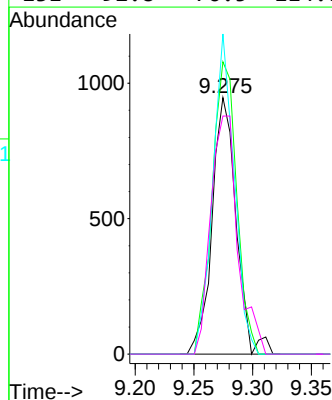
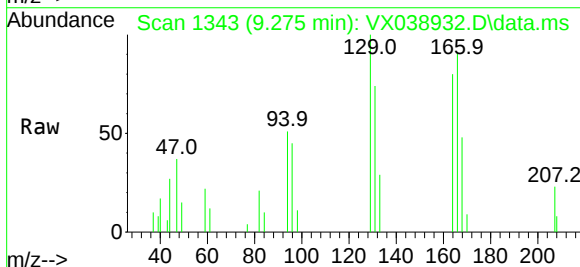
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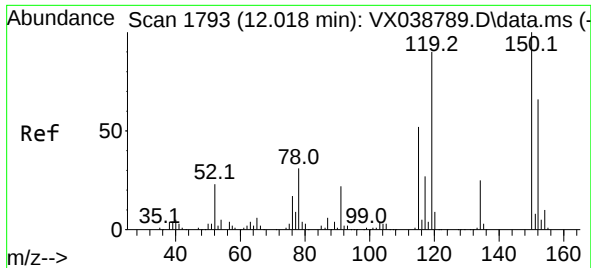
Tgt Ion:117 Resp: 200443
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 1.085 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038932.D
Acq: 18 Nov 2023 16:41

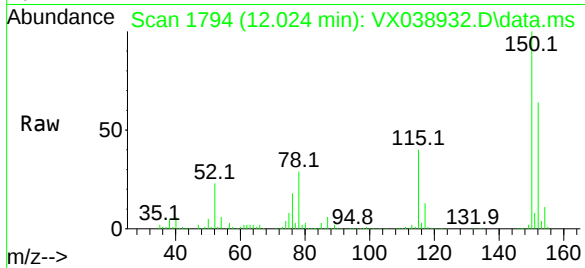
Tgt Ion:164 Resp: 1352
Ion Ratio Lower Upper
164 100
166 113.9 102.7 154.1
129 124.8 80.4 120.6#
131 92.8 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038932.D
 Acq: 18 Nov 2023 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152	Resp:	95183
Ion	Ratio	Lower Upper
152	100	
115	65.3	43.3 129.9
150	157.7	0.0 345.0

