

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038912.D
 Acq On : 18 Nov 2023 06:17
 Operator : JC/MD
 Sample : 05404-28
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20231110

Quant Time: Nov 20 00:34:08 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)

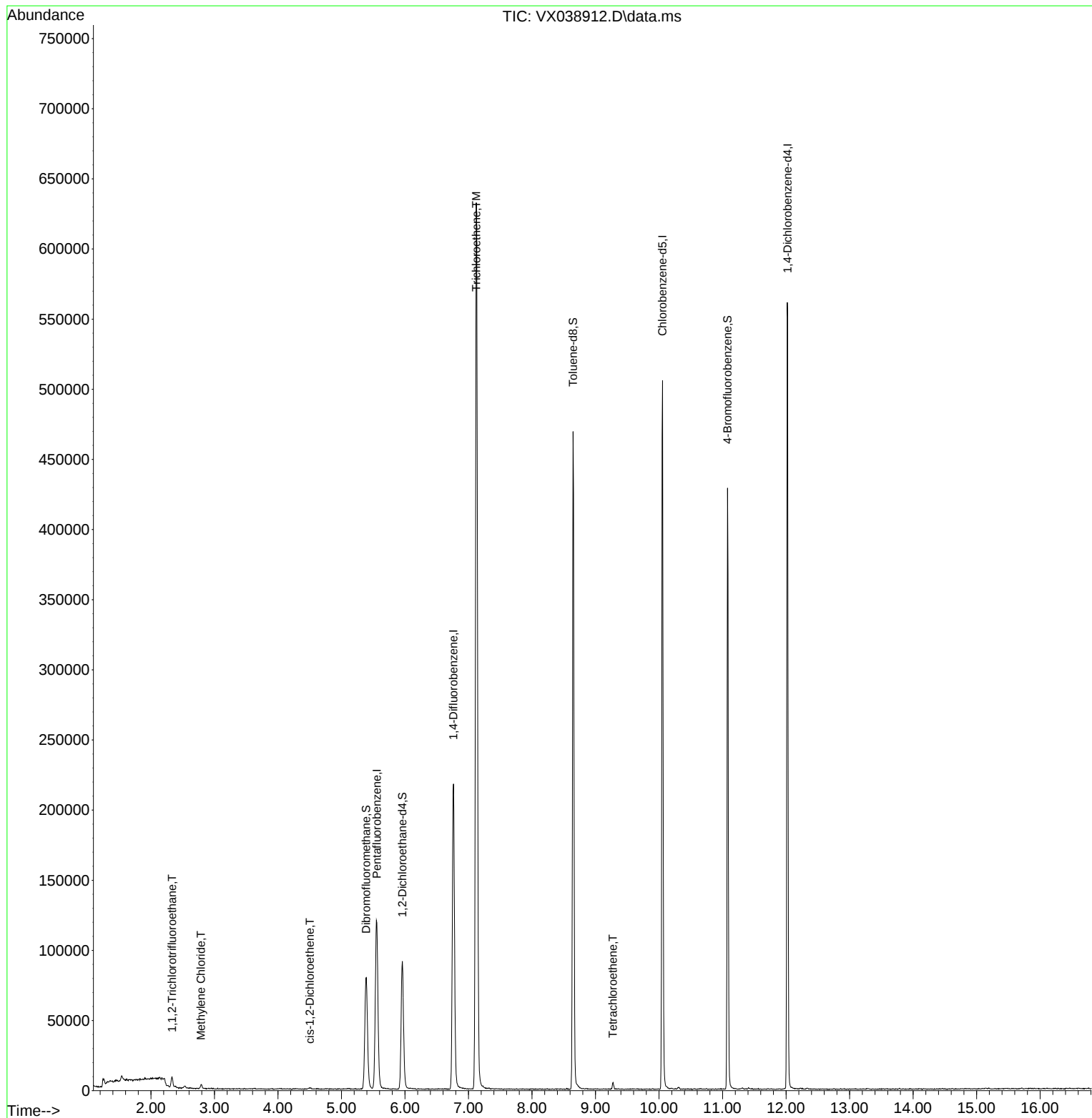
Internal Standards						
1) Pentafluorobenzene	5.556	168	109632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223566	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86568	49.004	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.000%
35) Dibromofluoromethane	5.385	113	72295	44.774	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.540%
50) Toluene-d8	8.647	98	281282	45.532	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.060%#
62) 4-Bromofluorobenzene	11.079	95	117938	47.691	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.380%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	2789	2.061	ug/l	96
20) Methylene Chloride	2.788	84	1450	0.855	ug/l	84
27) cis-1,2-Dichloroethene	4.501	96	601	0.342	ug/l	78
44) Trichloroethene	7.123	130	239770	143.917	ug/l	97
64) Tetrachloroethene	9.275	164	801	0.573	ug/l #	84

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

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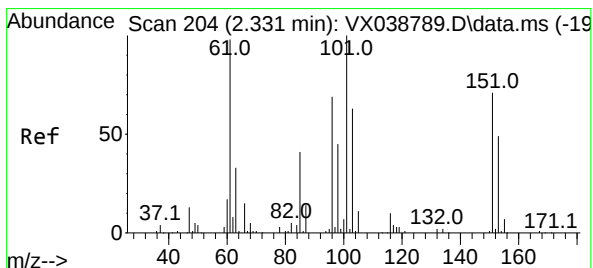
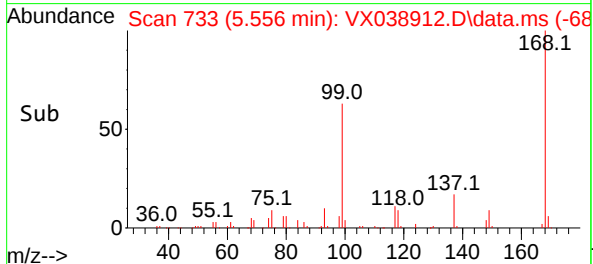
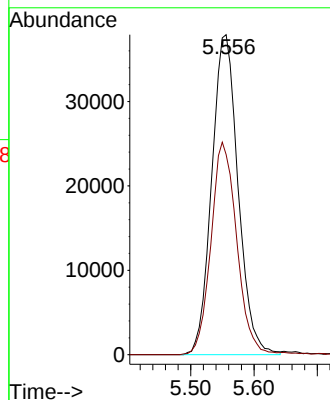
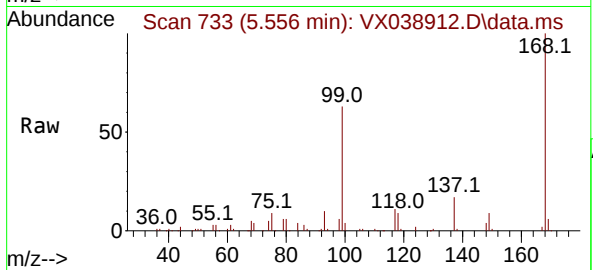




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038912.D
Acq: 18 Nov 2023 06:17

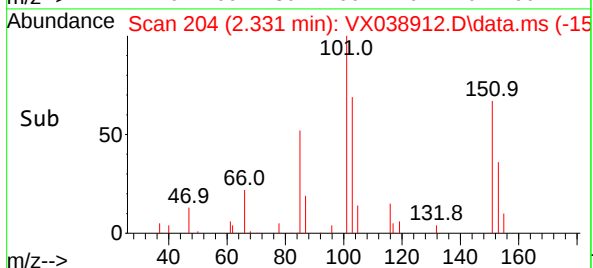
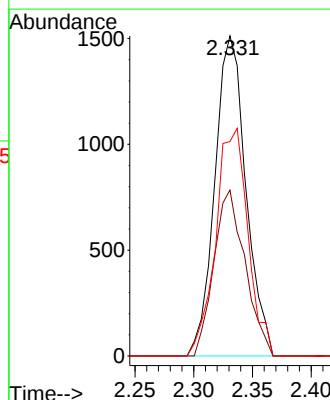
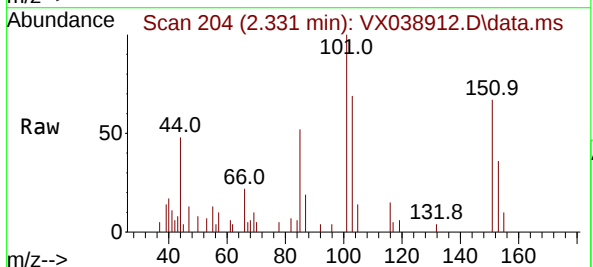
Instrument :
MSVOA_X
ClientSampleId :
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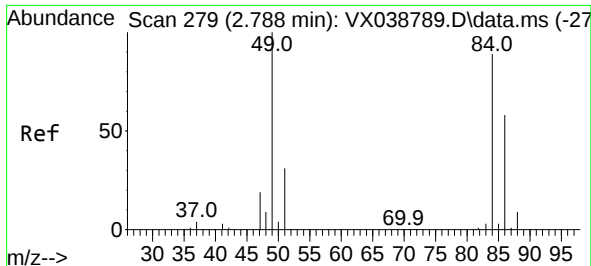
Tgt Ion:168 Resp: 109632
Ion Ratio Lower Upper
168 100
99 62.6 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.061 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038912.D
Acq: 18 Nov 2023 06:17

Tgt Ion:101 Resp: 2789
Ion Ratio Lower Upper
101 100
85 52.0 37.0 55.6
151 73.6 58.6 87.8

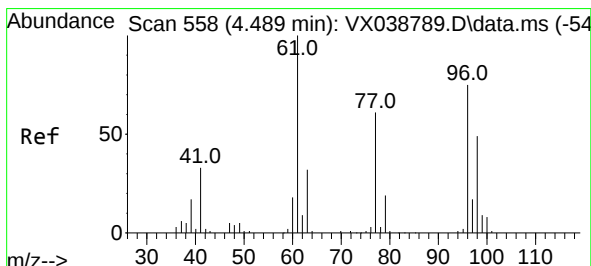
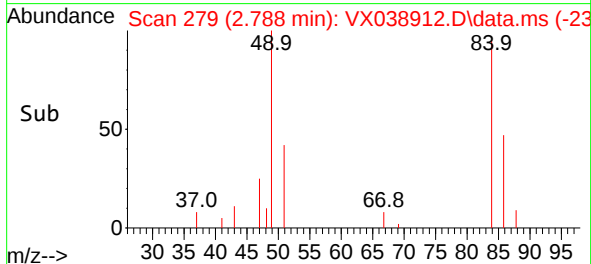
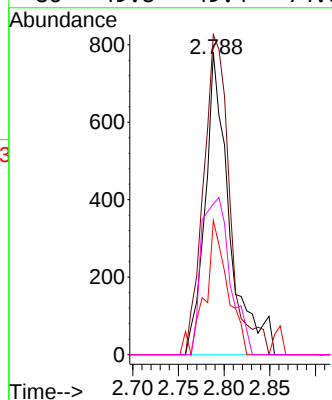
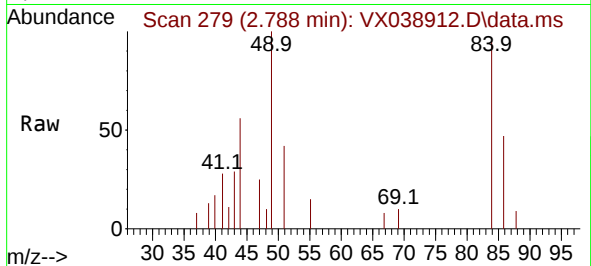




#20
Methylene Chloride
Concen: 0.855 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038912.D
Acq: 18 Nov 2023 06:17

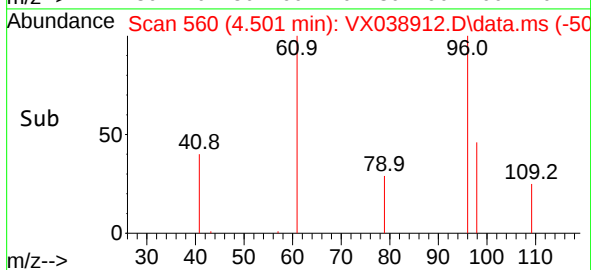
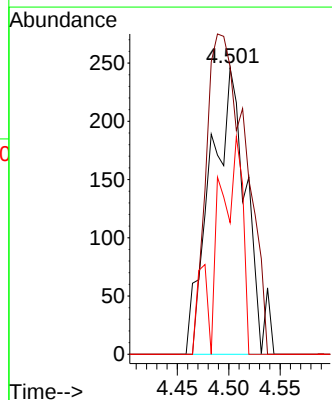
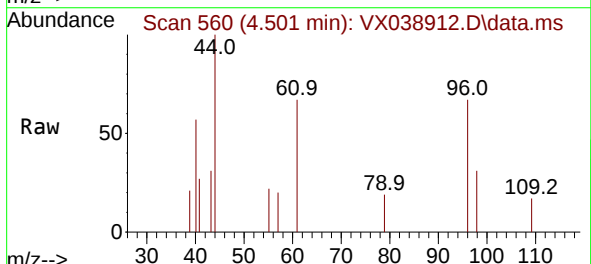
Instrument :
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ClientSampleId :
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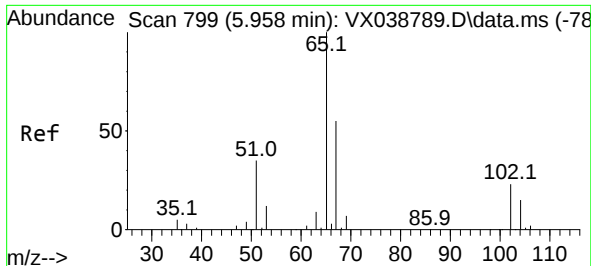
Tgt Ion: 84	Resp: 1450
Ion Ratio	Lower Upper
84 100	
49 105.8	103.6 155.4
51 44.3	33.8 50.6
86 49.8	49.4 74.0



#27
cis-1,2-Dichloroethene
Concen: 0.342 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX038912.D
Acq: 18 Nov 2023 06:17

Tgt Ion: 96	Resp: 601		
Ion	Ratio	Lower	Upper
96	100		
61	122.1	0.0	312.2
98	53.7	0.0	129.0

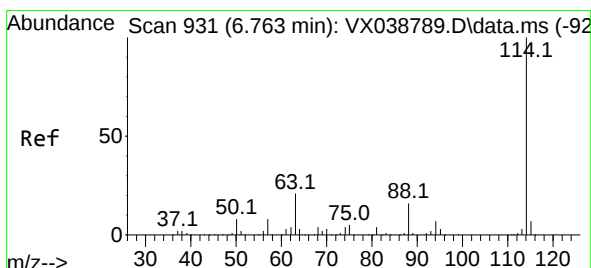
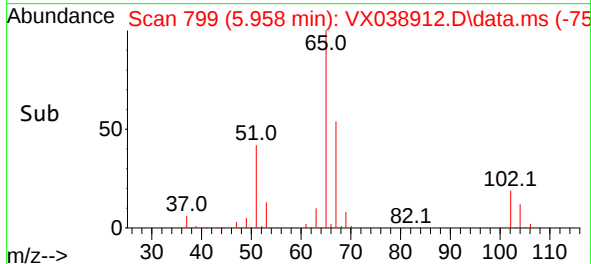
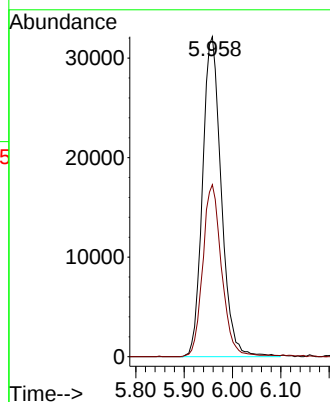
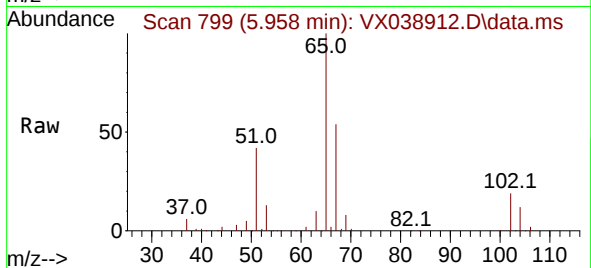




#33
 1,2-Dichloroethane-d4
 Concen: 49.004 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038912.D
 Acq: 18 Nov 2023 06:17

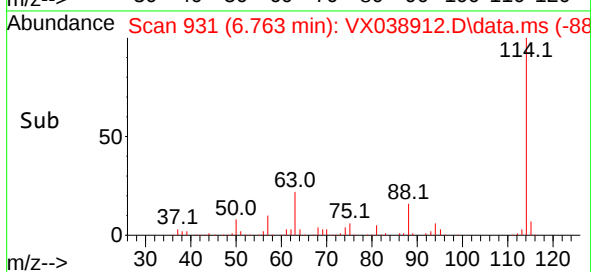
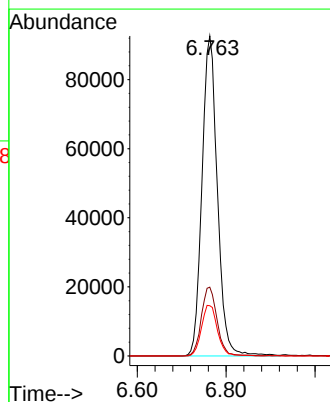
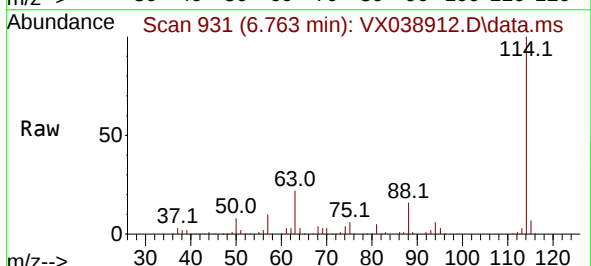
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20231110

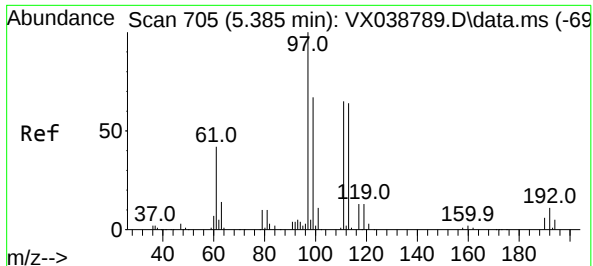
Tgt Ion: 65 Resp: 86568
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038912.D
 Acq: 18 Nov 2023 06:17

Tgt Ion: 114 Resp: 223566
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 45.0
 88 15.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.774 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038912.D

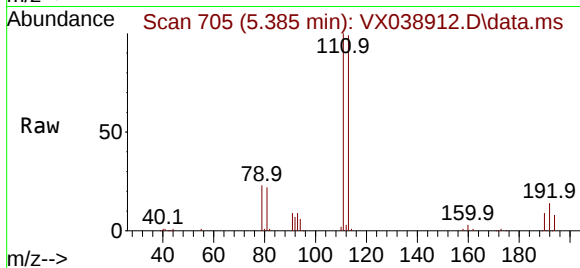
Acq: 18 Nov 2023 06:17

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20231110



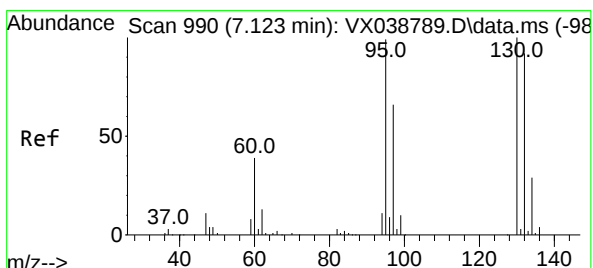
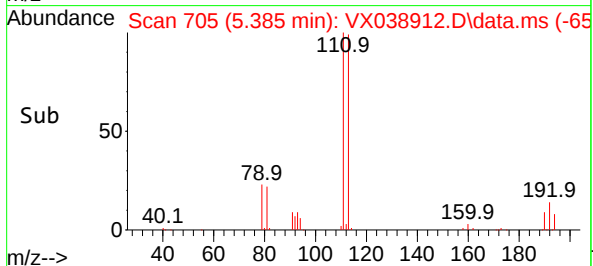
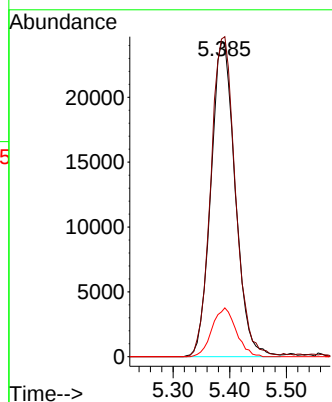
Tgt Ion:113 Resp: 72295

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

192 15.3 13.3 19.9



#44

Trichloroethene

Concen: 143.917 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX038912.D

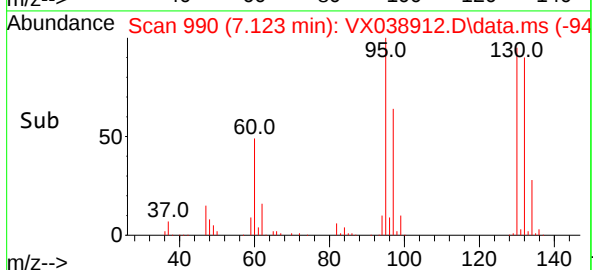
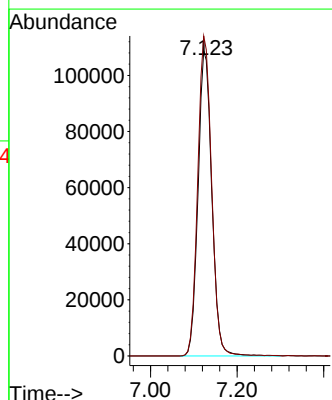
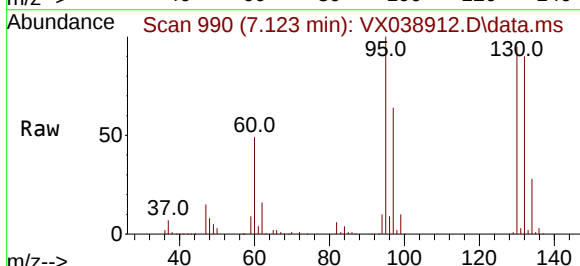
Acq: 18 Nov 2023 06:17

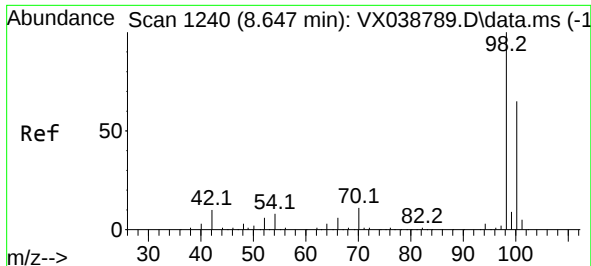
Tgt Ion:130 Resp: 239770

Ion Ratio Lower Upper

130 100

95 104.9 0.0 204.4

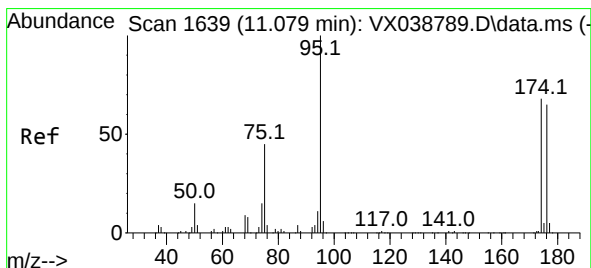
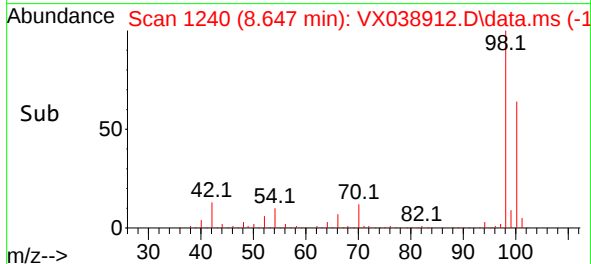
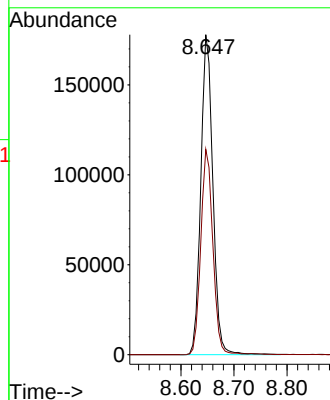
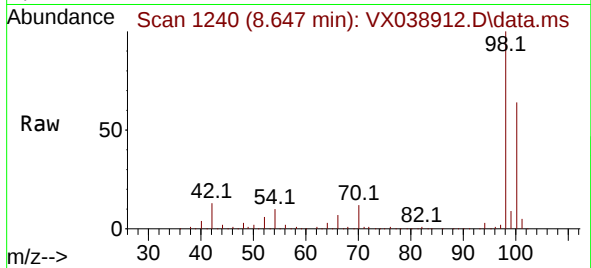




#50
Toluene-d8
Concen: 45.532 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038912.D
Acq: 18 Nov 2023 06:17

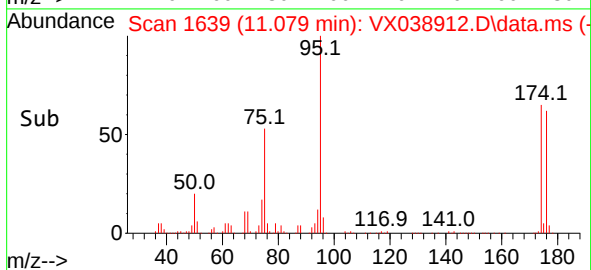
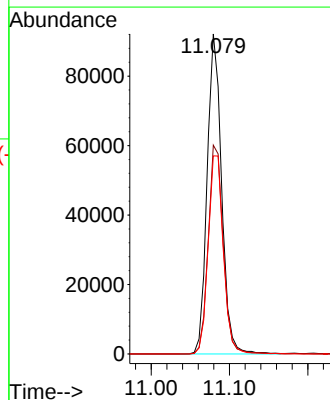
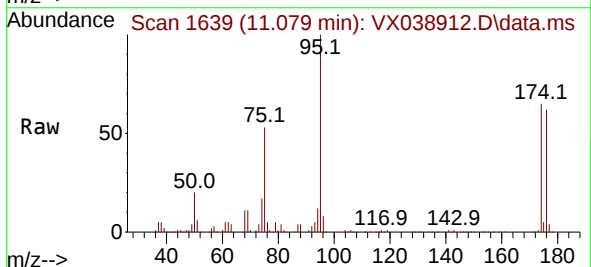
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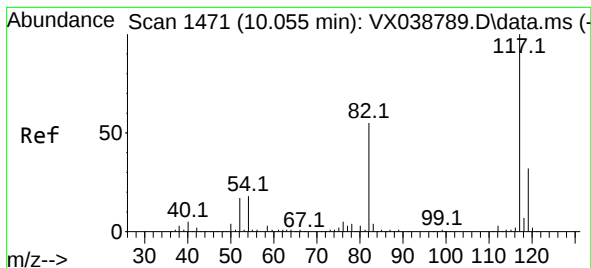
Tgt Ion: 98 Resp: 281282
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.691 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038912.D
Acq: 18 Nov 2023 06:17

Tgt Ion: 95 Resp: 117938
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.6
176 65.1 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: VX038912.D

Acq: 18 Nov 2023 06:17

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20231110

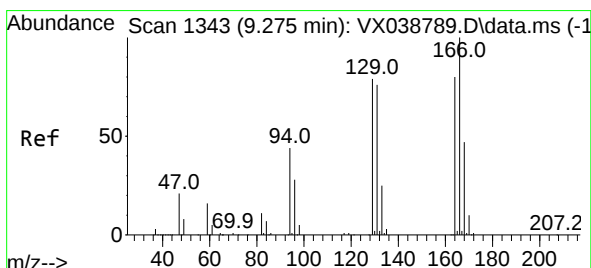
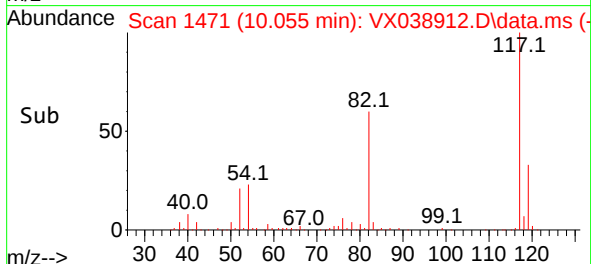
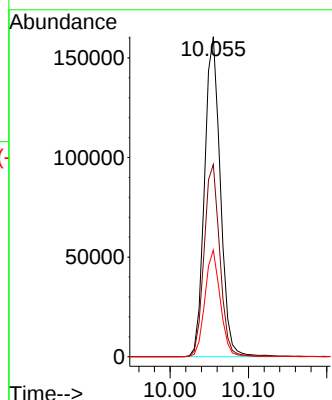
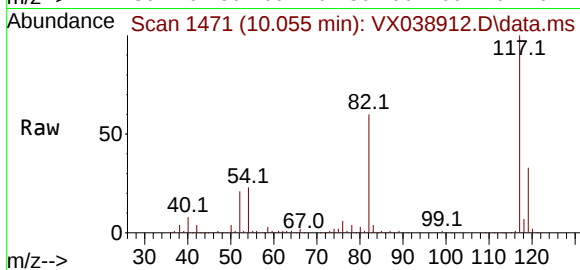
Tgt Ion:117 Resp: 225036

Ion Ratio Lower Upper

117 100

82 60.1 46.2 69.4

119 33.3 25.5 38.3



#64

Tetrachloroethene

Concen: 0.573 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX038912.D

Acq: 18 Nov 2023 06:17

Tgt Ion:164 Resp: 801

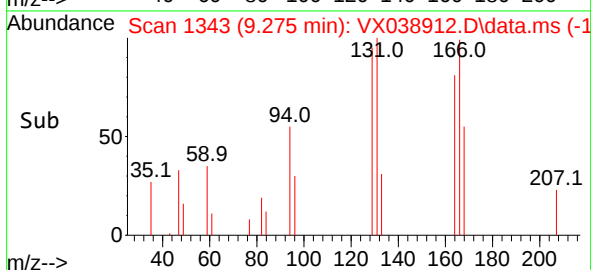
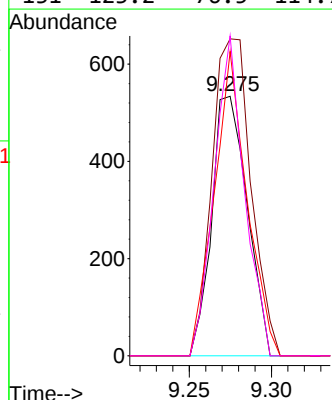
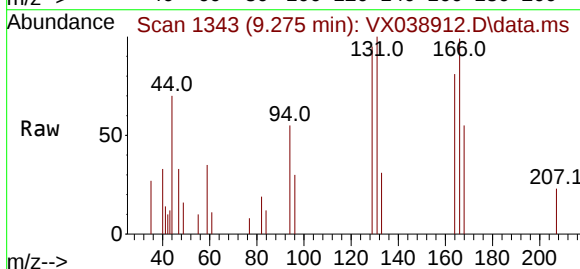
Ion Ratio Lower Upper

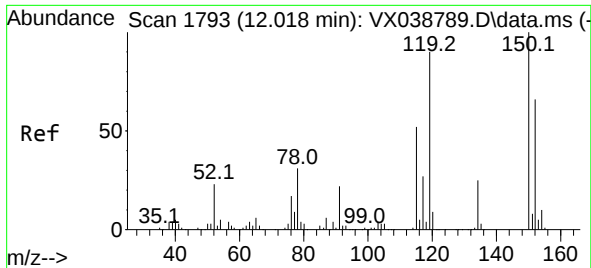
164 100

166 122.1 102.7 154.1

129 117.2 80.4 120.6

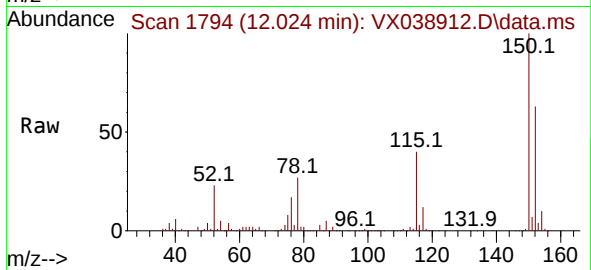
131 123.2 76.5 114.7#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038912.D
 Acq: 18 Nov 2023 06:17

Instrument :
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Tgt Ion:152 Resp: 111777
 Ion Ratio Lower Upper
 152 100
 115 66.2 43.3 129.9
 150 160.3 0.0 345.0

