

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038885.D
 Acq On : 17 Nov 2023 17:02
 Operator : JC/MD
 Sample : 05404-29 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20231110

Quant Time: Nov 17 22:52:56 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)

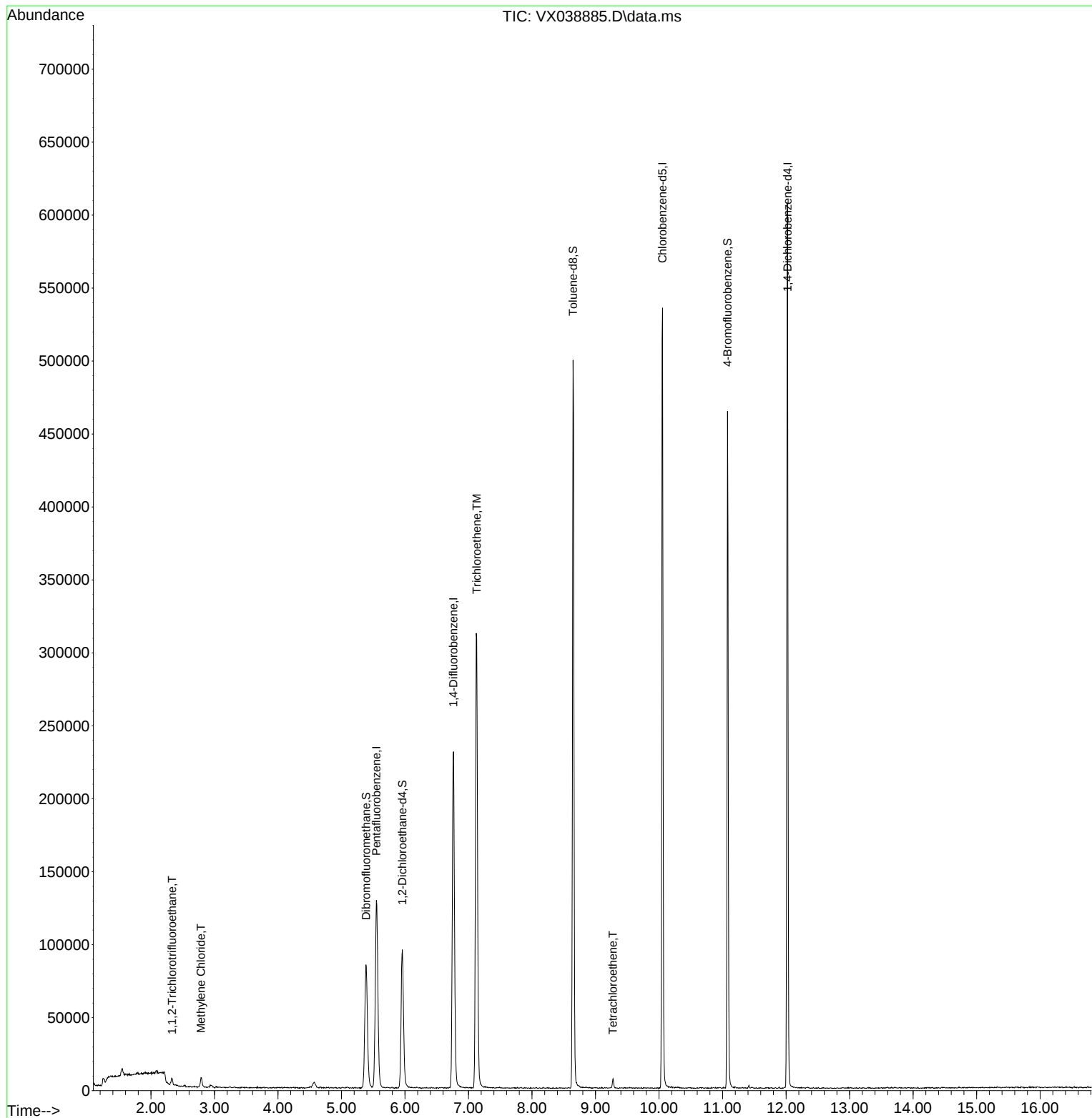
Internal Standards						
1) Pentafluorobenzene	5.550	168	115327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235162	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88383	47.561	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.120%
35) Dibromofluoromethane	5.385	113	75925	44.704	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.400%
50) Toluene-d8	8.647	98	301757	46.437	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.880%
62) 4-Bromofluorobenzene	11.079	95	127358	48.960	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.920%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	1641	1.153	ug/l	95
20) Methylene Chloride	2.788	84	3394	1.903	ug/l #	91
44) Trichloroethene	7.129	130	118837	67.812	ug/l	100
64) Tetrachloroethene	9.275	164	1028	0.685	ug/l #	59

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

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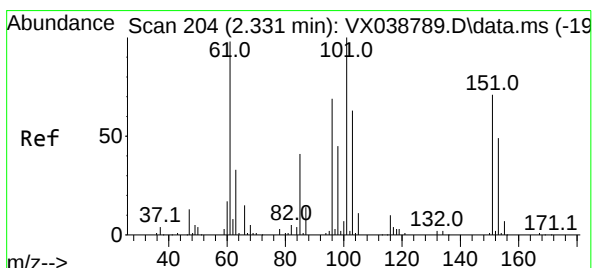
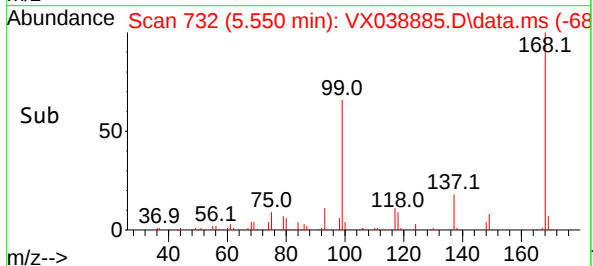
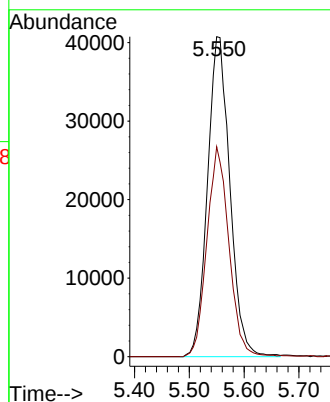
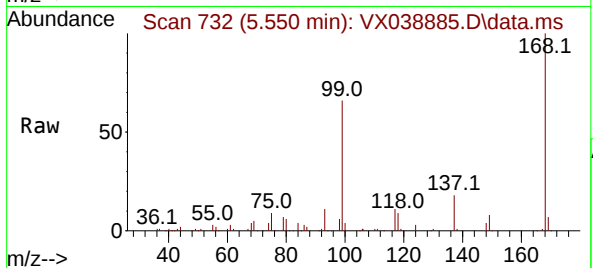




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038885.D
Acq: 17 Nov 2023 17:02

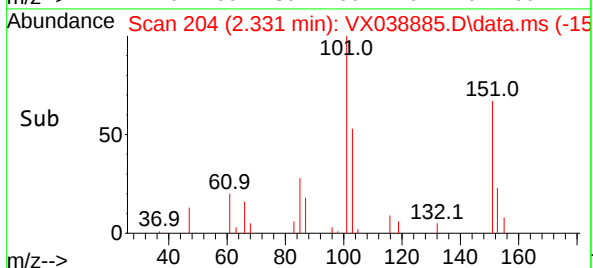
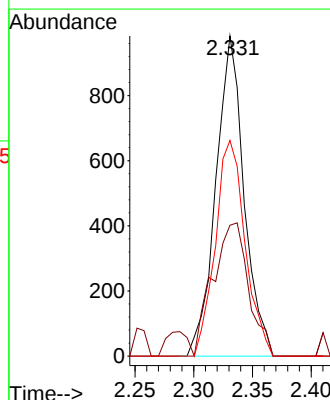
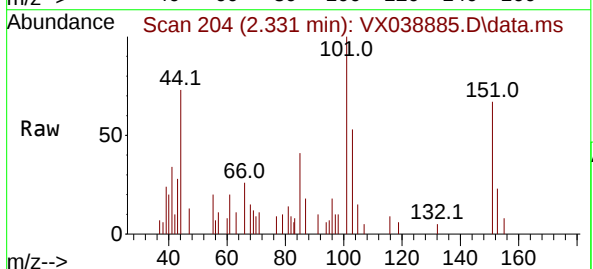
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20231110

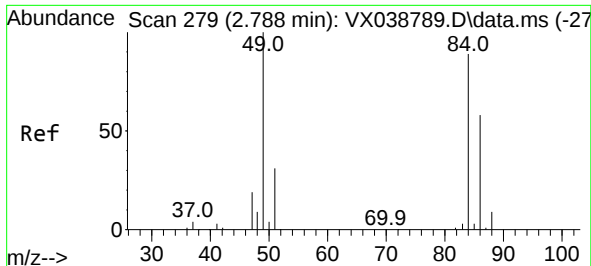
Tgt Ion:168 Resp: 115327
Ion Ratio Lower Upper
168 100
99 65.6 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.153 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038885.D
Acq: 17 Nov 2023 17:02

Tgt Ion:101 Resp: 1641
Ion Ratio Lower Upper
101 100
85 53.0 37.0 55.6
151 71.2 58.6 87.8



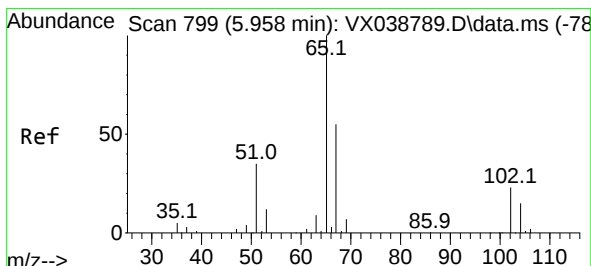
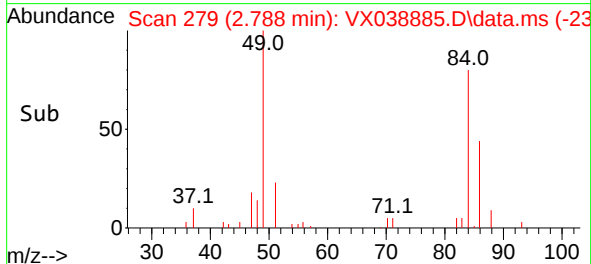
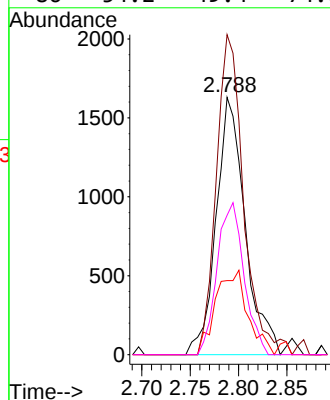
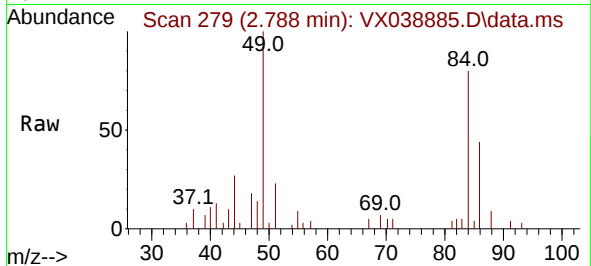


#20
Methylene Chloride
Concen: 1.903 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038885.D
Acq: 17 Nov 2023 17:02

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20231110

Tgt Ion: 84 Resp: 3394

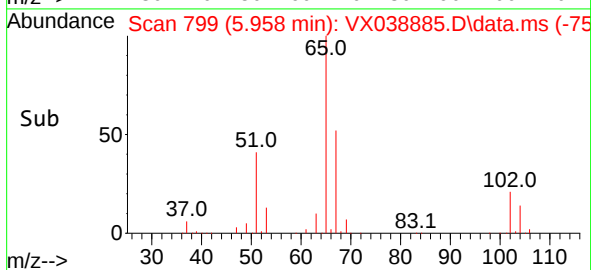
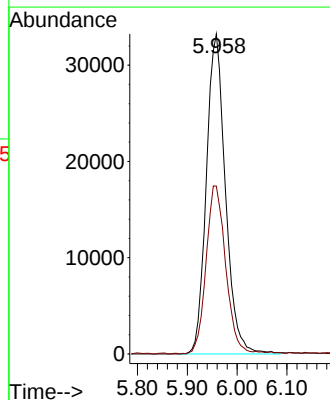
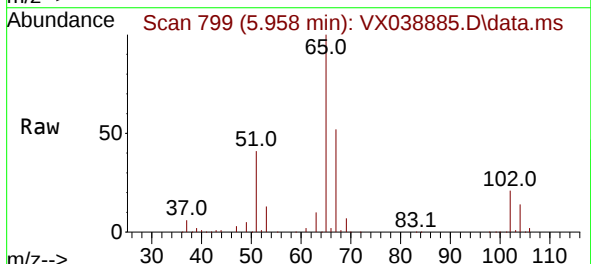
Ion	Ratio	Lower	Upper
84	100		
49	124.4	103.6	155.4
51	28.8	33.8	50.6#
86	54.2	49.4	74.0

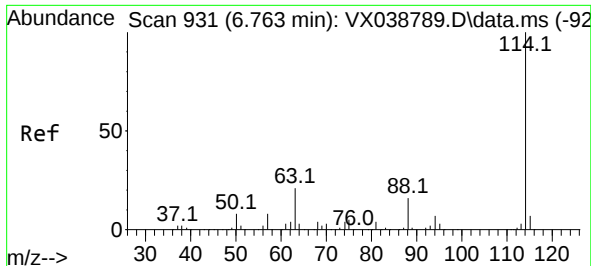


#33
1,2-Dichloroethane-d4
Concen: 47.561 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038885.D
Acq: 17 Nov 2023 17:02

Tgt Ion: 65 Resp: 88383

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	100.2

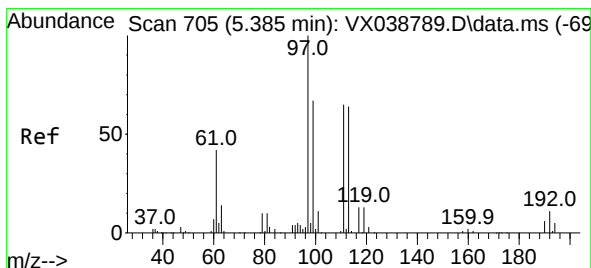
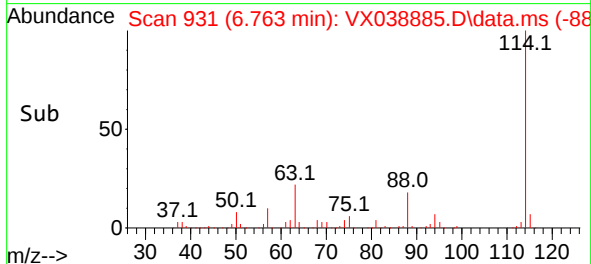
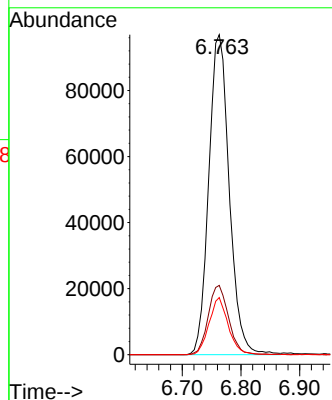
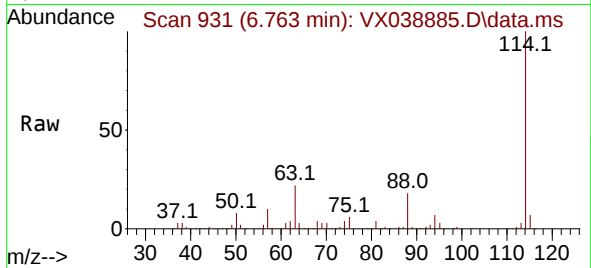




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038885.D
Acq: 17 Nov 2023 17:02

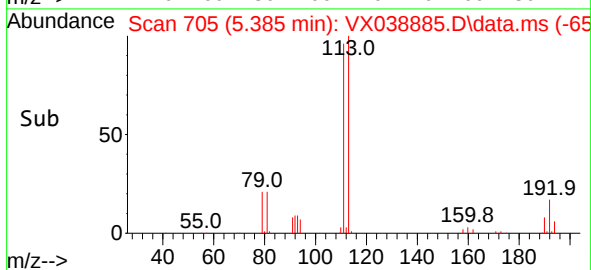
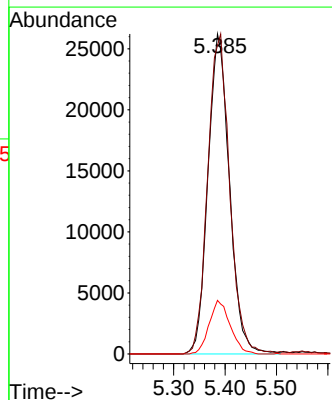
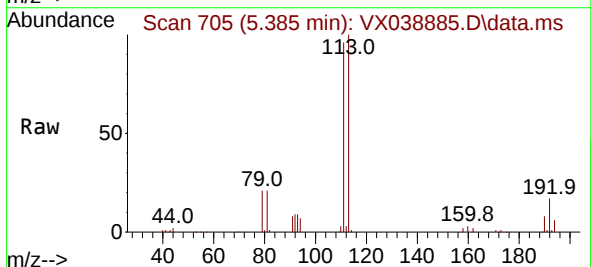
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20231110

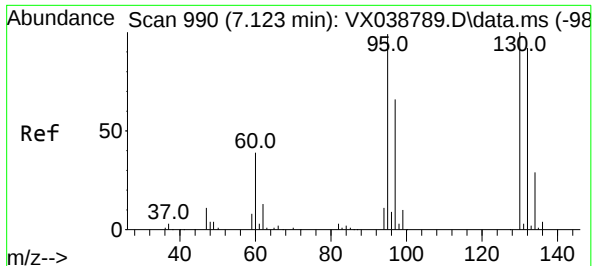
Tgt Ion:114 Resp: 235162
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.0
88 17.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.704 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038885.D
Acq: 17 Nov 2023 17:02

Tgt Ion:113 Resp: 75925
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 16.4 13.3 19.9

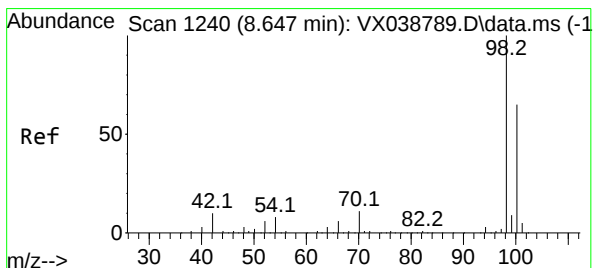
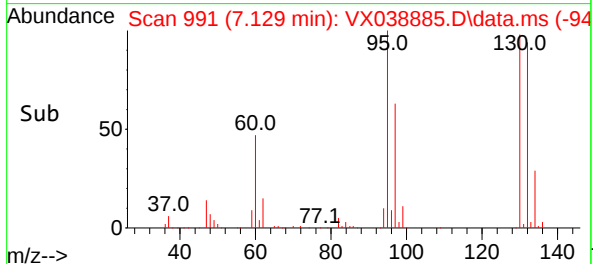
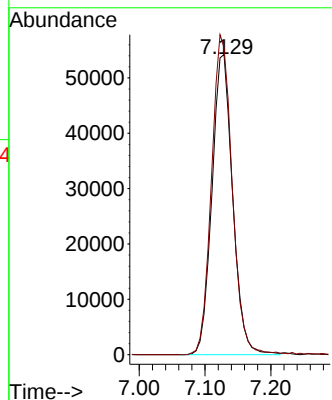
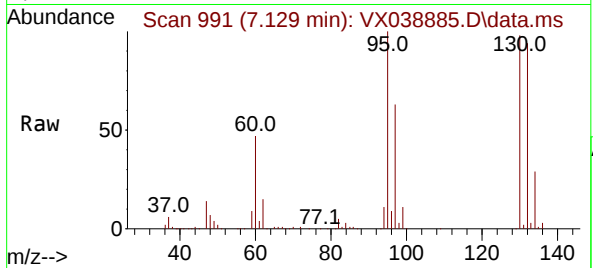




#44
Trichloroethene
Concen: 67.812 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038885.D
Acq: 17 Nov 2023 17:02

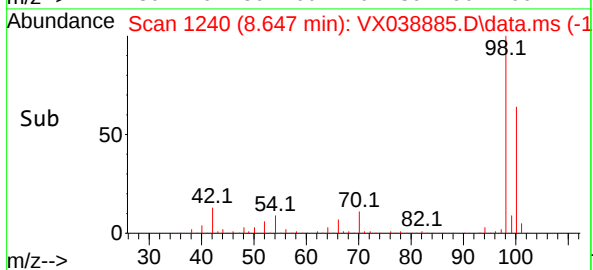
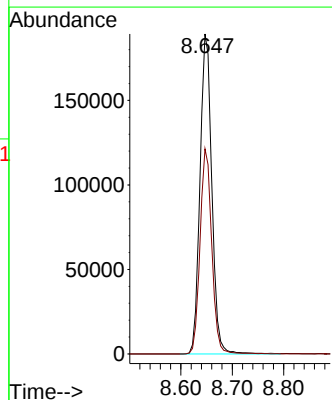
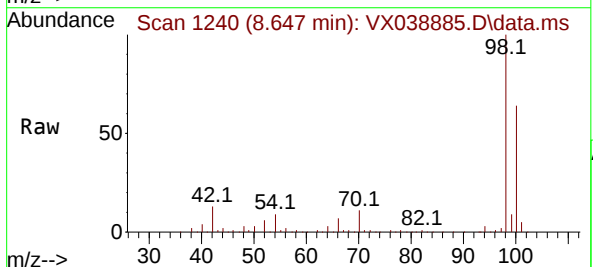
Instrument :
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ClientSampleId :
RE103D1-20231110

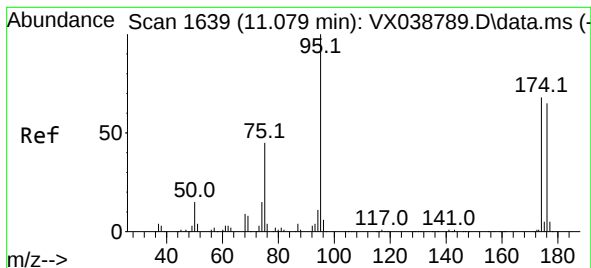
Tgt Ion:130 Resp: 118837
Ion Ratio Lower Upper
130 100
95 102.3 0.0 204.4



#50
Toluene-d8
Concen: 46.437 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038885.D
Acq: 17 Nov 2023 17:02

Tgt Ion: 98 Resp: 301757
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

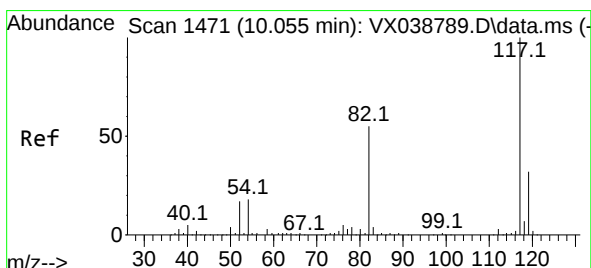
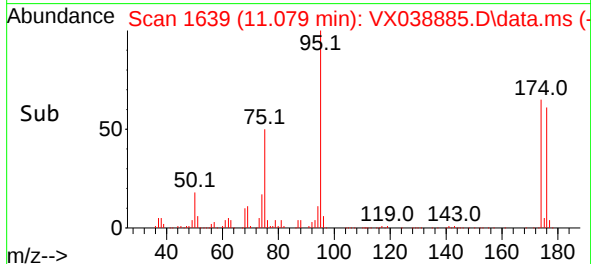
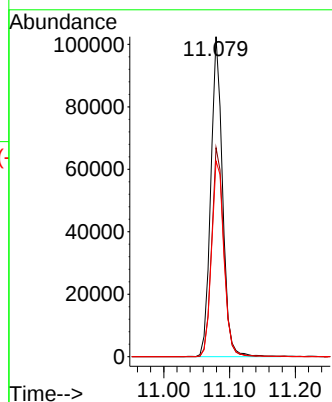
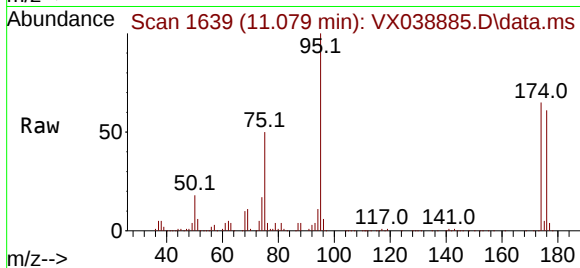




#62
4-Bromofluorobenzene
Concen: 48.960 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038885.D
Acq: 17 Nov 2023 17:02

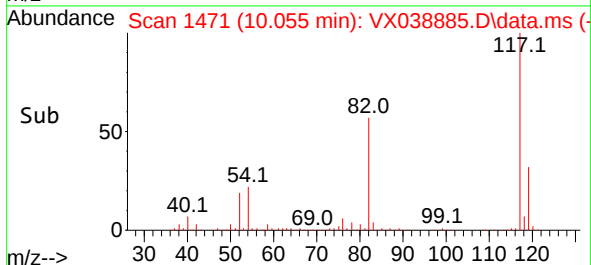
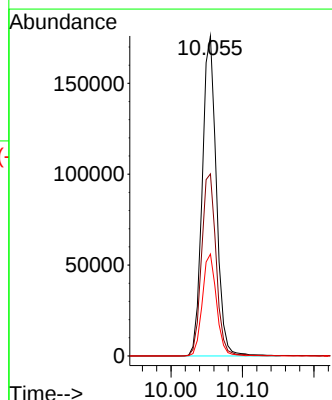
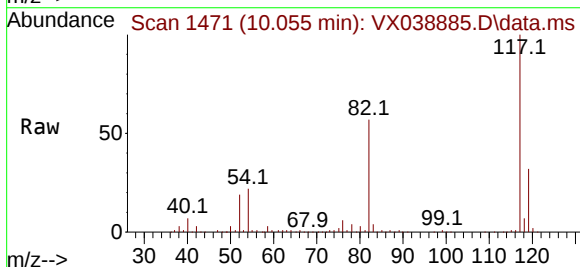
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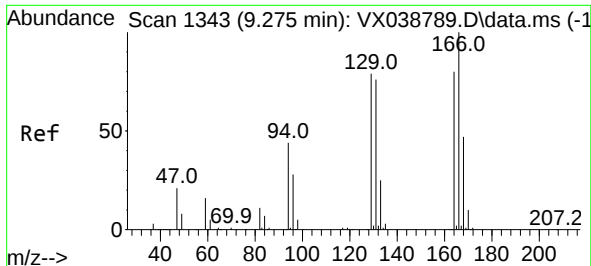
Tgt Ion: 95 Resp: 127358
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.6
176 64.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038885.D
Acq: 17 Nov 2023 17:02

Tgt Ion: 117 Resp: 241343
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 31.9 25.5 38.3





#64

Tetrachloroethene

Concen: 0.685 ug/l

RT: 9.275 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038885.D

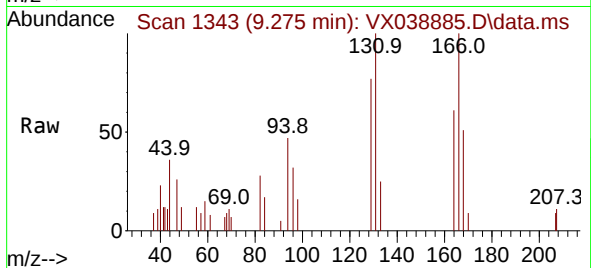
Acq: 17 Nov 2023 17:02

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20231110



Tgt Ion:164 Resp: 1028

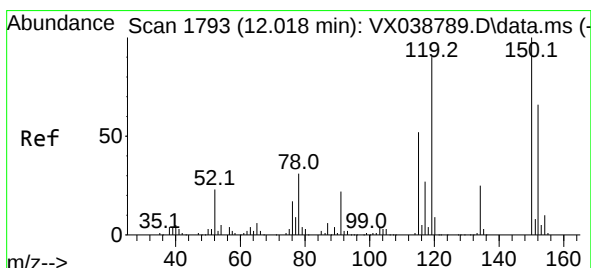
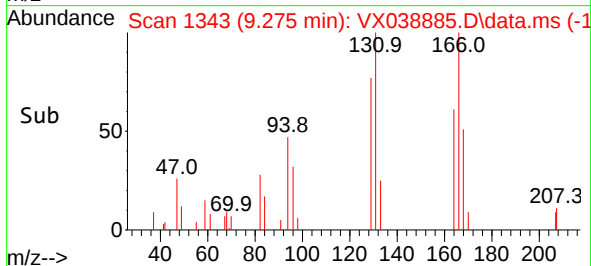
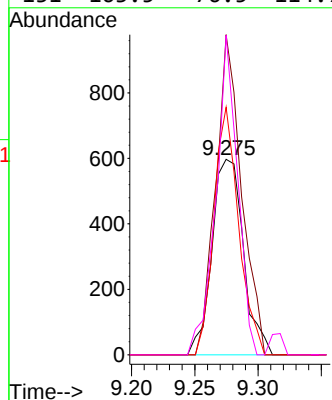
Ion Ratio Lower Upper

164 100

166 163.8 102.7 154.1#

129 126.6 80.4 120.6#

131 163.5 76.5 114.7#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX038885.D

Acq: 17 Nov 2023 17:02

Tgt Ion:152 Resp: 121618

Ion Ratio Lower Upper

152 100

115 65.3 43.3 129.9

150 157.8 0.0 345.0

