

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
 Data File : VX040386.D
 Acq On : 21 Feb 2024 16:59
 Operator : JC/MD
 Sample : P1532-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20240216

Quant Time: Feb 22 01:11:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

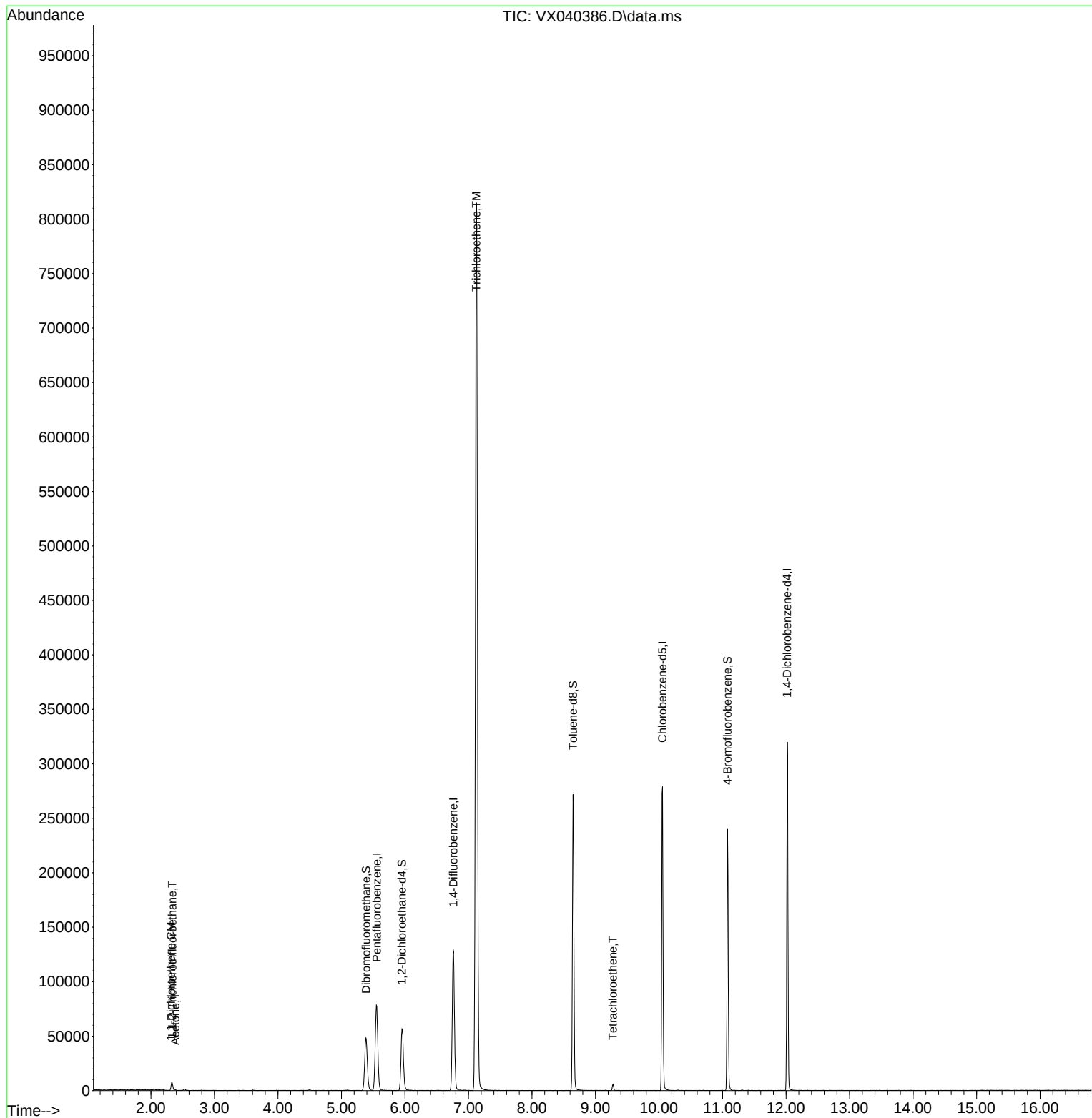
Internal Standards						
1) Pentafluorobenzene	5.556	168	70460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	125973	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56059	53.479	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.960%
35) Dibromofluoromethane	5.385	113	41588	47.274	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.540%
50) Toluene-d8	8.646	98	156946	47.692	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.380%
62) 4-Bromofluorobenzene	11.079	95	61657	45.940	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.880%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	2911	3.896	ug/l	97
12) 1,1-Dichloroethene	2.318	96	309	0.430	ug/l #	73
16) Acetone	2.385	43	932	2.165	ug/l #	81
44) Trichloroethene	7.122	130	295839	311.211	ug/l	97
64) Tetrachloroethene	9.274	164	871	1.023	ug/l #	75

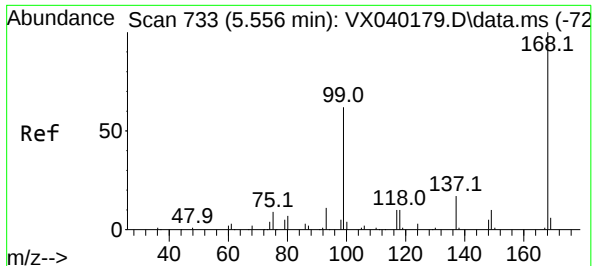
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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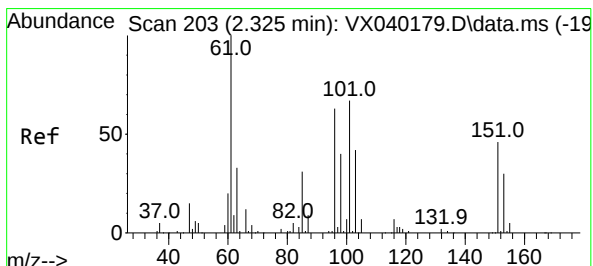
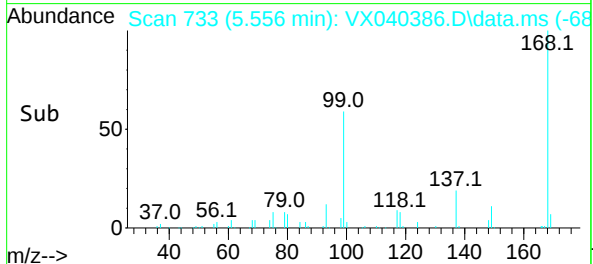
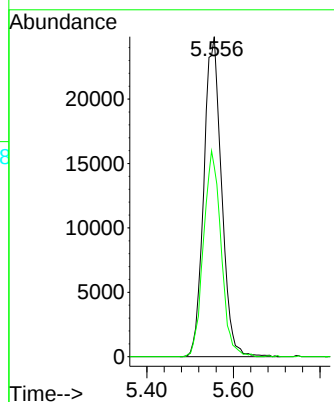
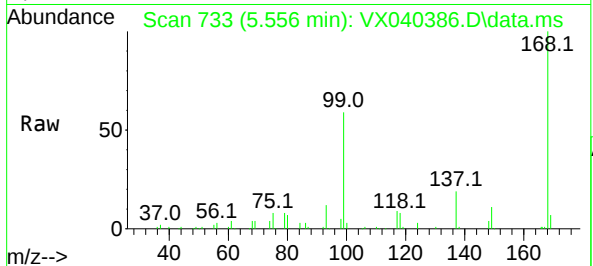




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040386.D
Acq: 21 Feb 2024 16:59

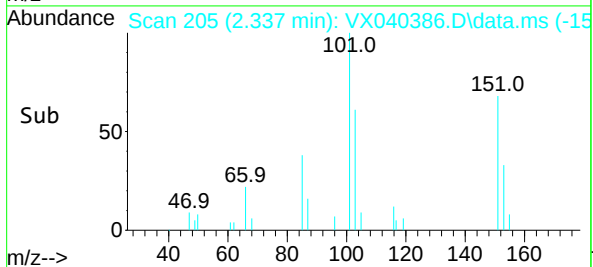
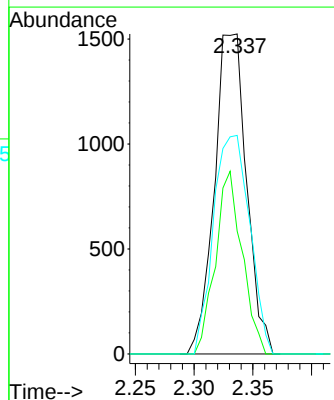
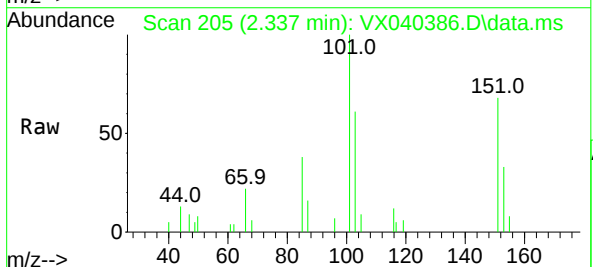
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20240216

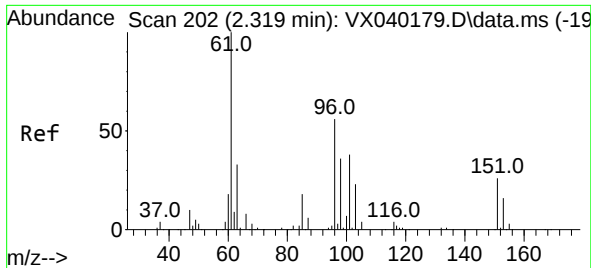
Tgt Ion:168 Resp: 70460
Ion Ratio Lower Upper
168 100
99 59.3 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.896 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.012 min
Lab File: VX040386.D
Acq: 21 Feb 2024 16:59

Tgt Ion:101 Resp: 2911
Ion Ratio Lower Upper
101 100
85 47.2 37.0 55.6
151 76.8 58.6 87.8





#12

1,1-Dichloroethene

Concen: 0.430 ug/l

RT: 2.318 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX040386.D

Acq: 21 Feb 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20240216

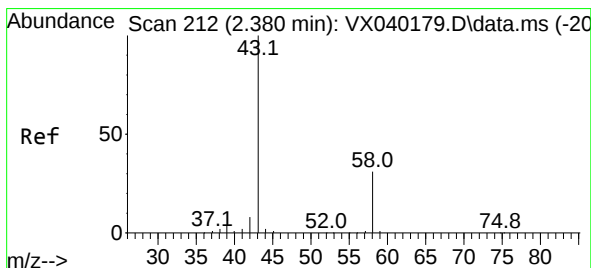
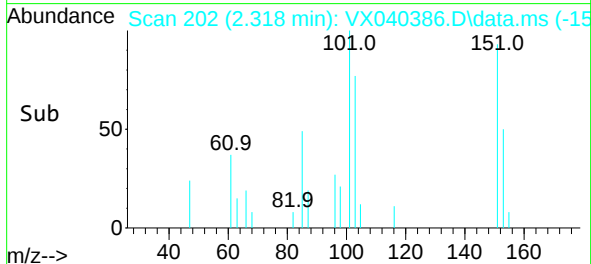
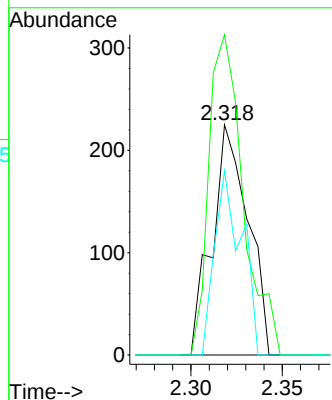
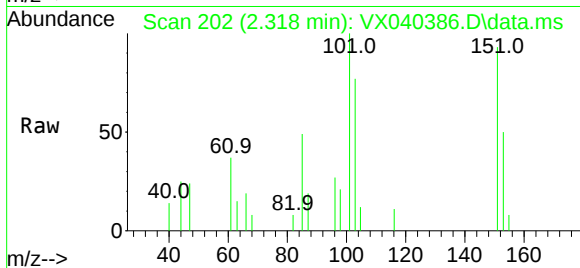
Tgt Ion: 96 Resp: 309

Ion Ratio Lower Upper

96 100

61 139.1 144.6 216.8#

98 80.0 50.4 75.6#



#16

Acetone

Concen: 2.165 ug/l

RT: 2.385 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX040386.D

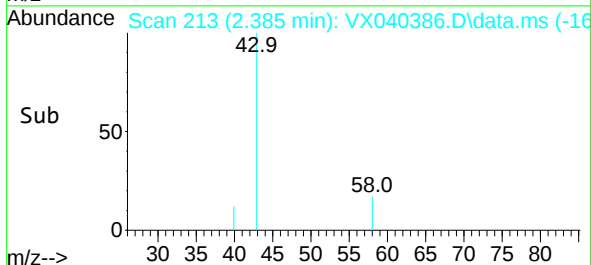
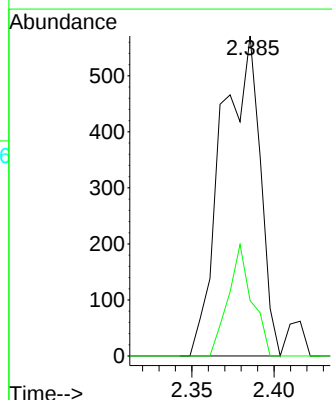
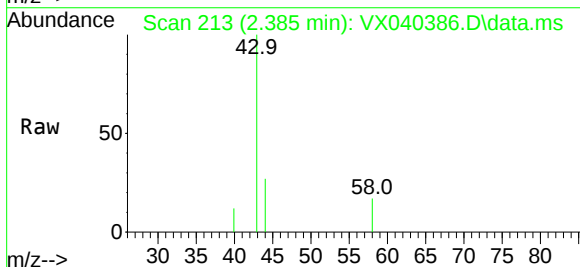
Acq: 21 Feb 2024 16:59

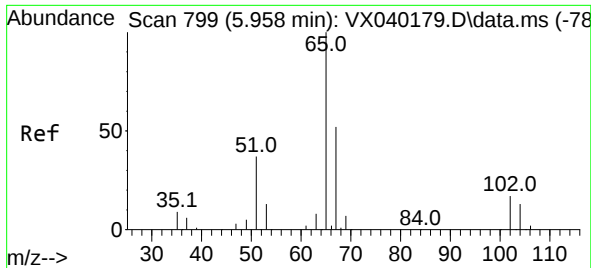
Tgt Ion: 43 Resp: 932

Ion Ratio Lower Upper

43 100

58 17.3 21.9 32.9#

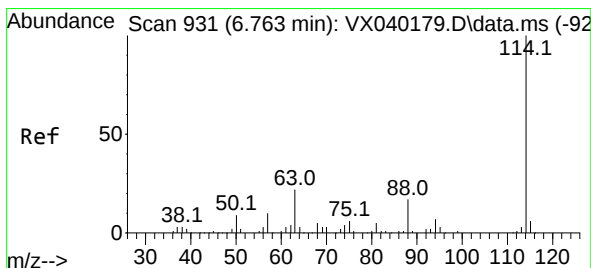
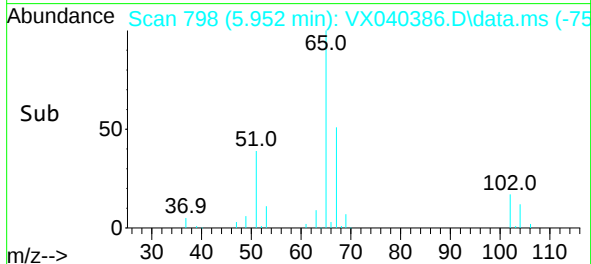
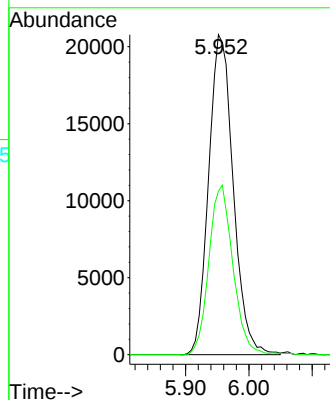
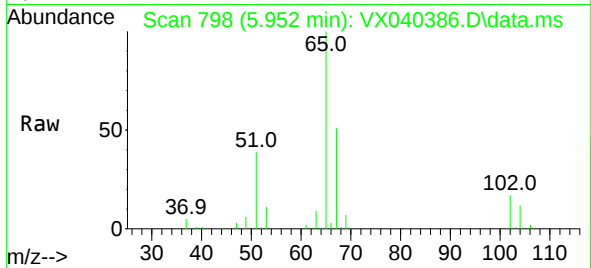




#33
 1,2-Dichloroethane-d4
 Concen: 53.479 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX040386.D
 Acq: 21 Feb 2024 16:59

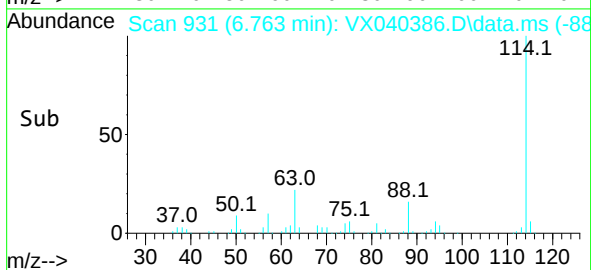
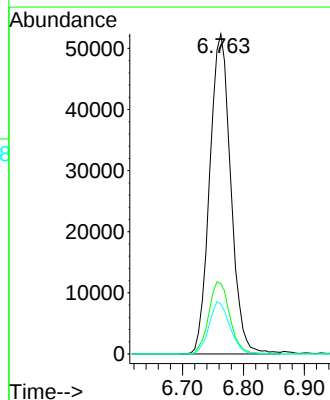
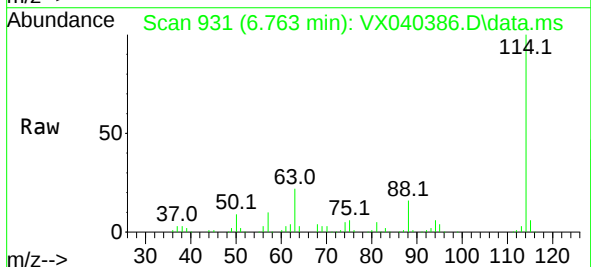
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20240216

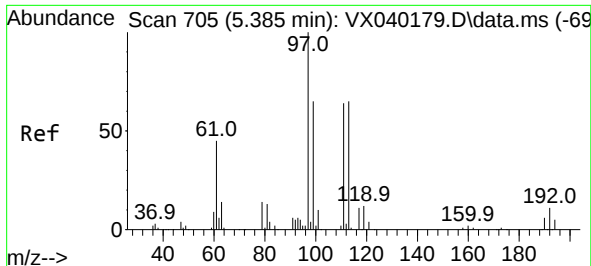
Tgt Ion: 65 Resp: 56059
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX040386.D
 Acq: 21 Feb 2024 16:59

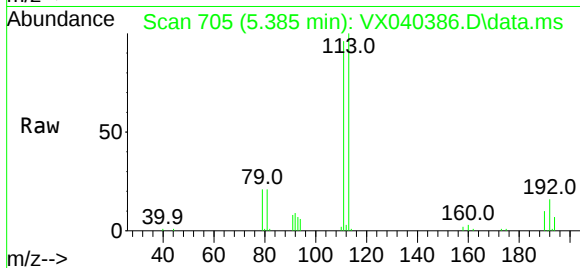
Tgt Ion: 114 Resp: 125973
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 45.0
 88 15.6 0.0 36.6



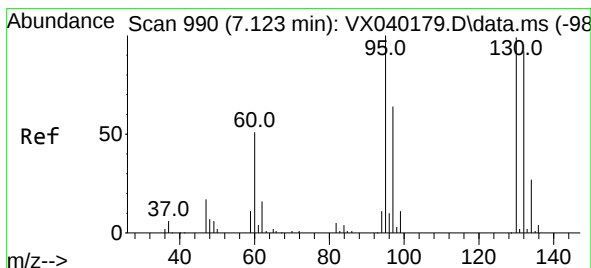
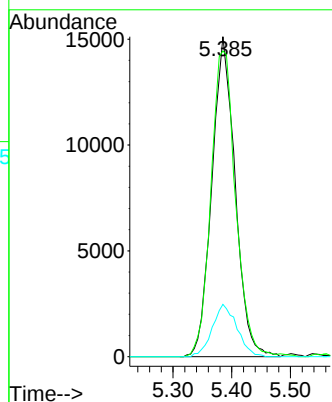
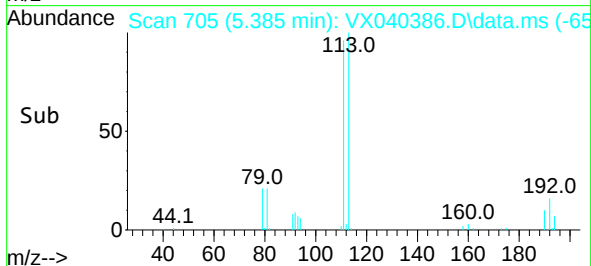


#35
Dibromofluoromethane
Concen: 47.274 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040386.D
Acq: 21 Feb 2024 16:59

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20240216

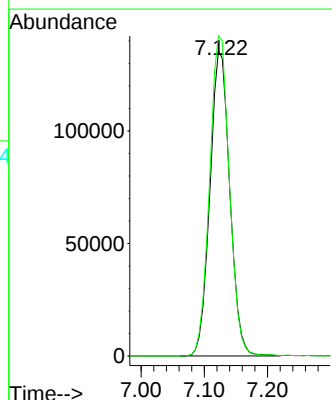
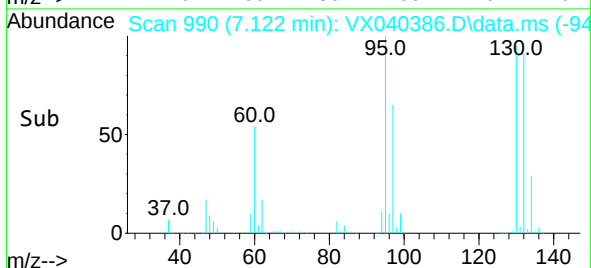
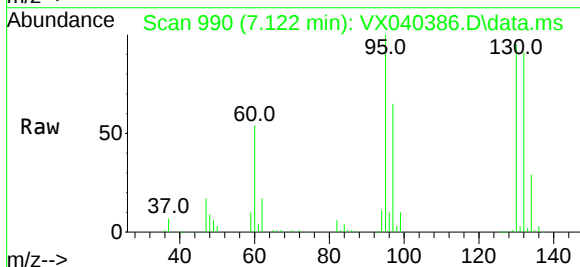


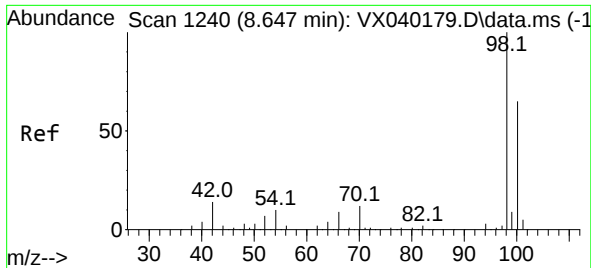
Tgt Ion:113 Resp: 41588
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 17.3 13.3 19.9



#44
Trichloroethene
Concen: 311.211 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040386.D
Acq: 21 Feb 2024 16:59

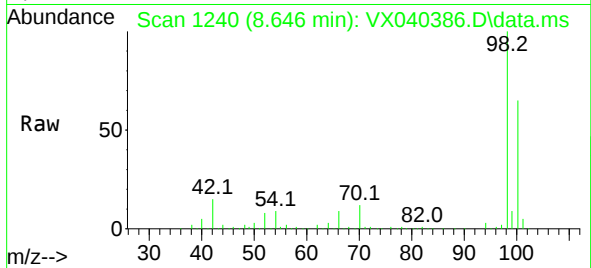
Tgt Ion:130 Resp: 295839
Ion Ratio Lower Upper
130 100
95 105.0 0.0 204.4



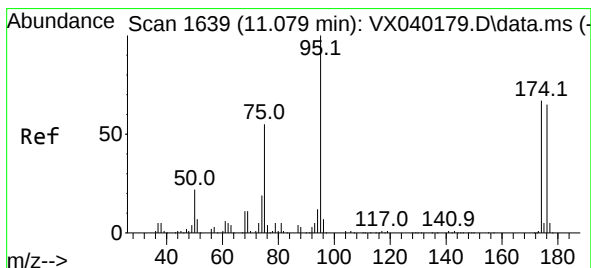
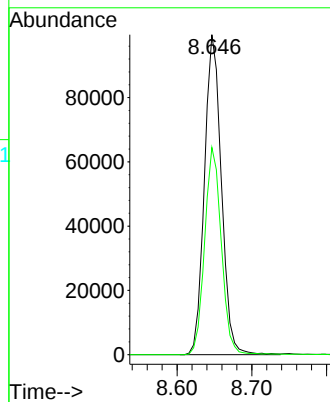
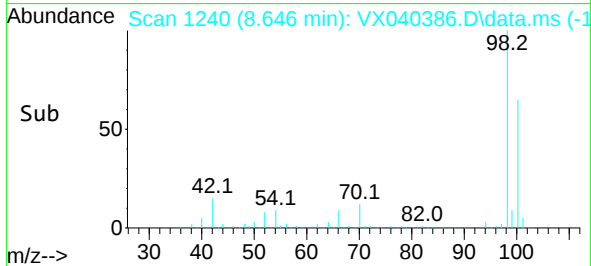


#50
Toluene-d8
Concen: 47.692 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040386.D
Acq: 21 Feb 2024 16:59

Instrument :
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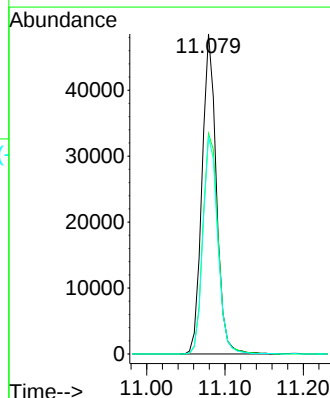
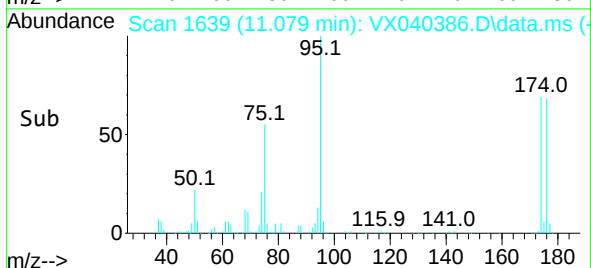
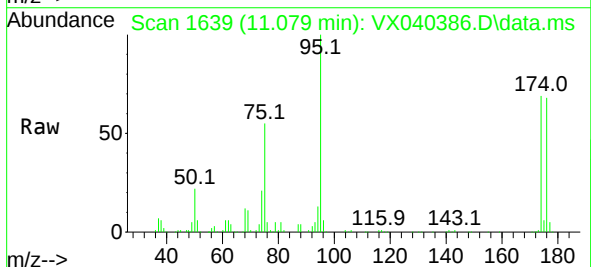


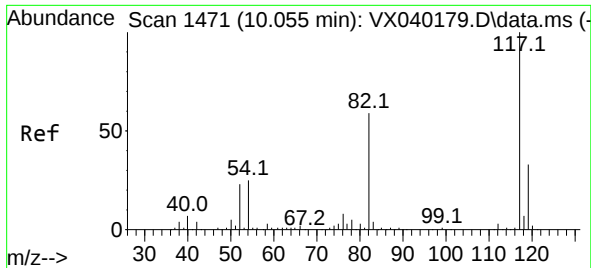
Tgt Ion: 98 Resp: 156946
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.940 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040386.D
Acq: 21 Feb 2024 16:59

Tgt Ion: 95 Resp: 61657
Ion Ratio Lower Upper
95 100
174 72.9 0.0 135.6
176 70.1 0.0 131.0

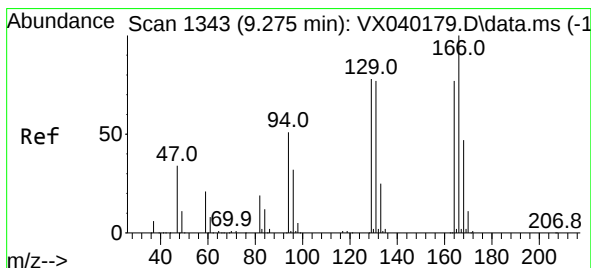
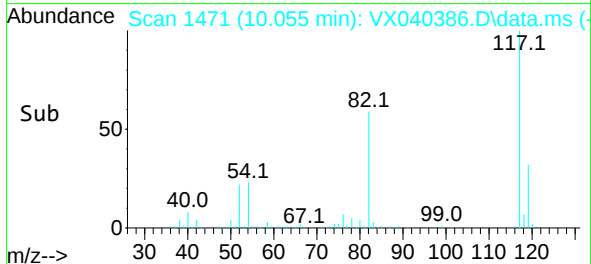
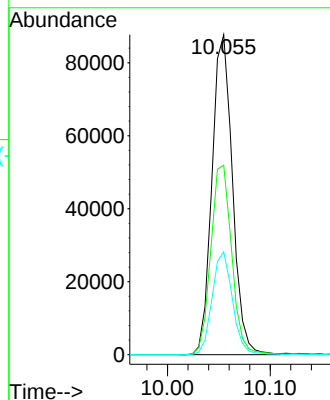
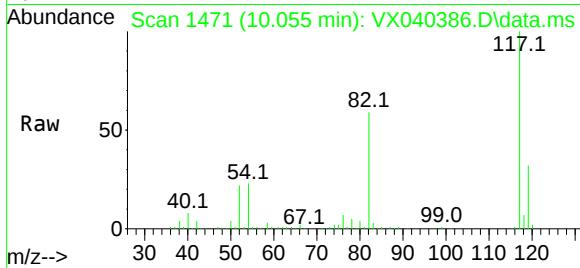




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040386.D
Acq: 21 Feb 2024 16:59

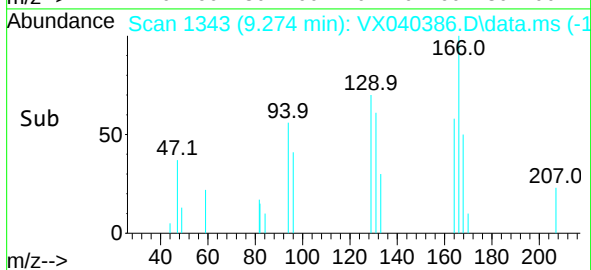
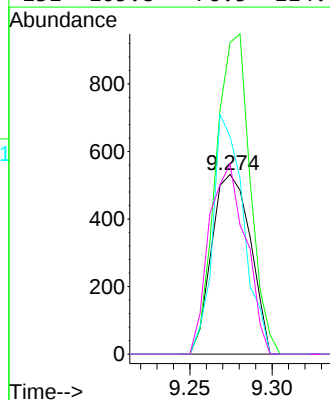
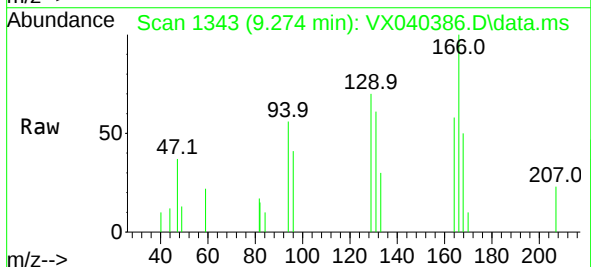
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RE103D2-20240216

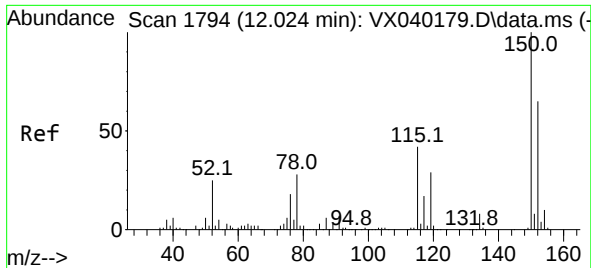
Tgt Ion:117 Resp: 121448
Ion Ratio Lower Upper
117 100
82 59.2 46.2 69.4
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 1.023 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040386.D
Acq: 21 Feb 2024 16:59

Tgt Ion:164 Resp: 871
Ion Ratio Lower Upper
164 100
166 173.5 102.7 154.1#
129 121.1 80.4 120.6#
131 105.8 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040386.D

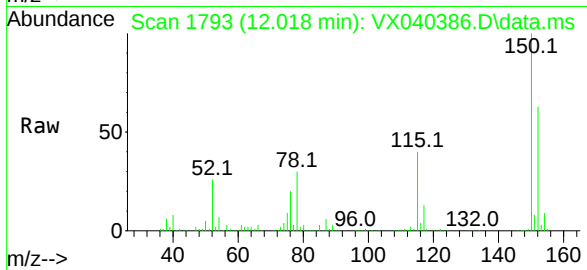
Acq: 21 Feb 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20240216



Tgt Ion:152 Resp: 62521

Ion Ratio Lower Upper

152 100

115 62.2 43.3 129.9

150 158.7 0.0 345.0

