

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037024.D
 Acq On : 16 Aug 2023 17:48
 Operator : JC/MD
 Sample : 04024-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20230815

Quant Time: Aug 17 04:17:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

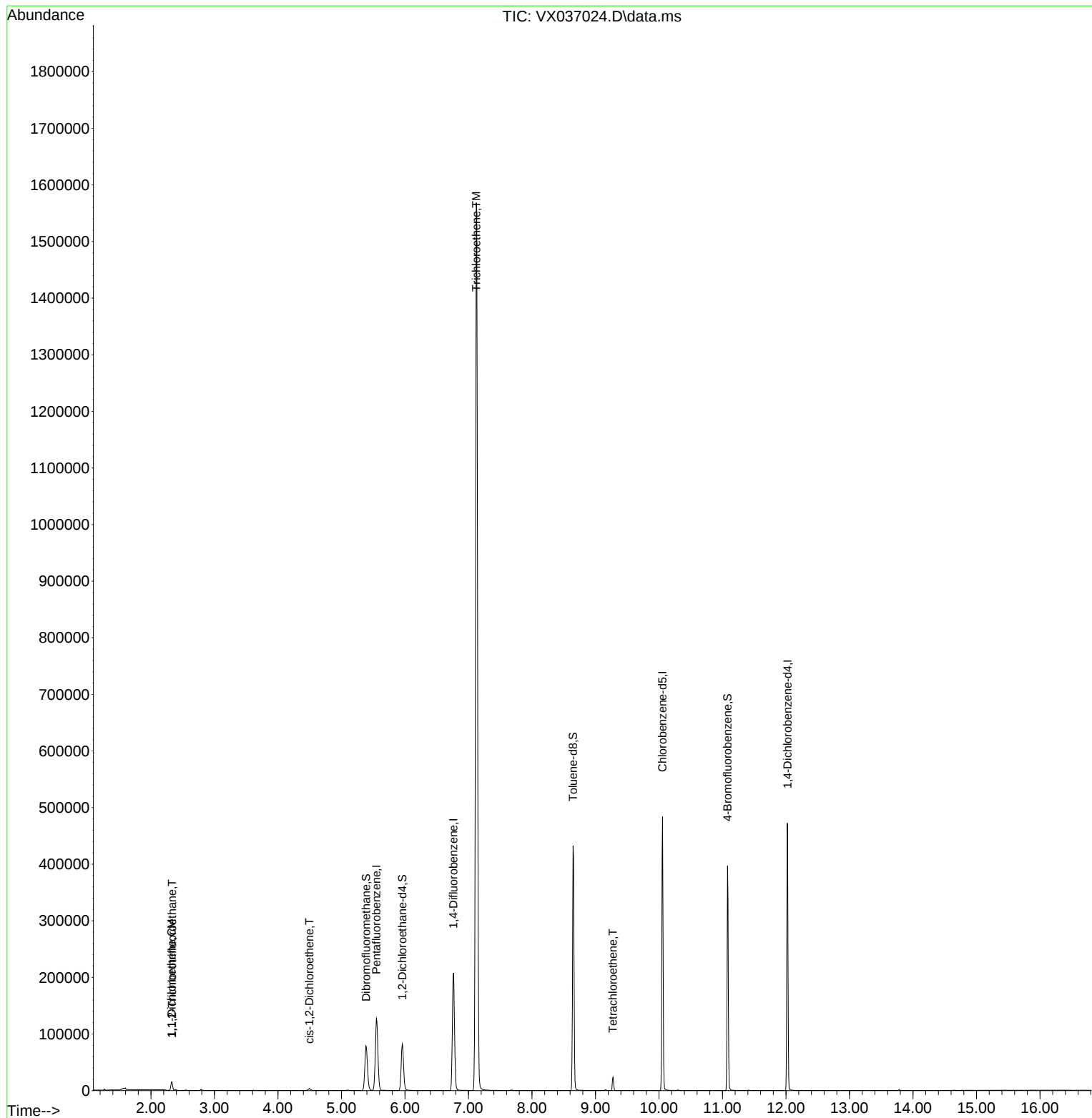
Internal Standards						
1) Pentafluorobenzene	5.550	168	116028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218153	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83022	48.358	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.720%
35) Dibromofluoromethane	5.385	113	68576	45.734	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.460%
50) Toluene-d8	8.647	98	261791	49.233	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.460%
62) 4-Bromofluorobenzene	11.079	95	106642	53.157	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.320%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	5084	3.861	ug/l	96
12) 1,1-Dichloroethene	2.325	96	1369	1.054	ug/l #	72
27) cis-1,2-Dichloroethene	4.495	96	2467	1.430	ug/l	78
44) Trichloroethene	7.123	130	615326	362.028	ug/l	98
64) Tetrachloroethene	9.275	164	4471	2.818	ug/l	97

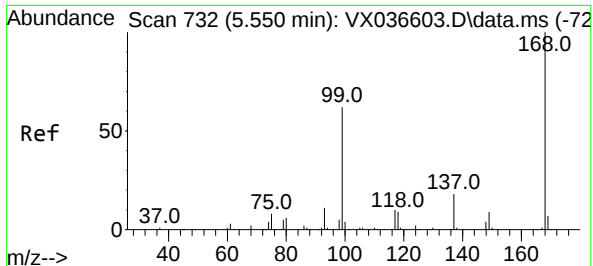
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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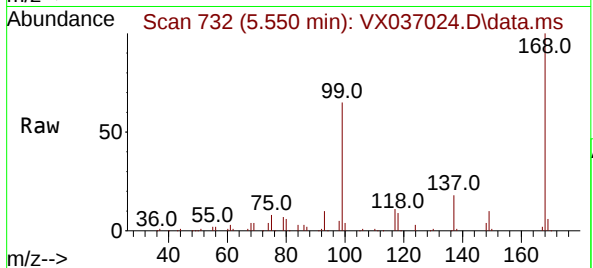
Quant Time: Aug 17 04:17:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
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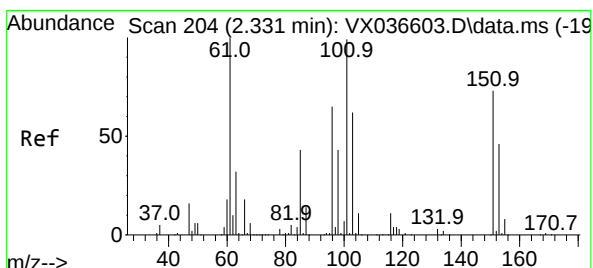
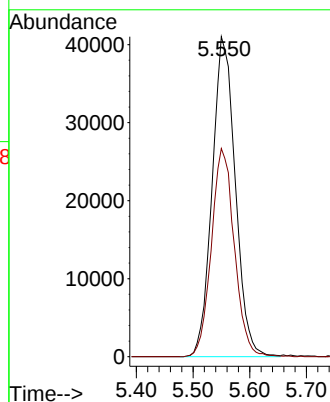
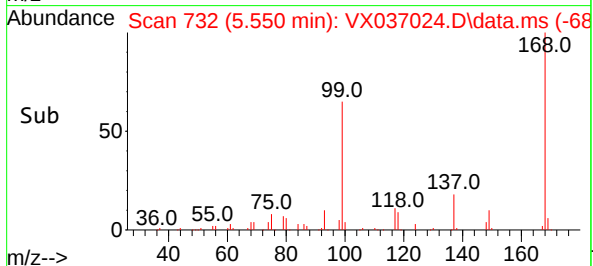


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037024.D
Acq: 16 Aug 2023 17:48

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20230815

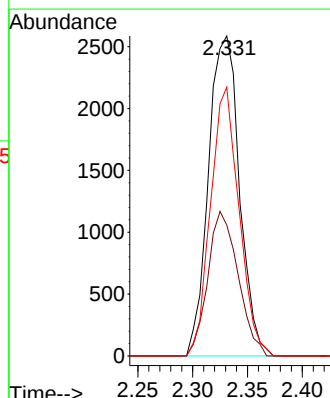
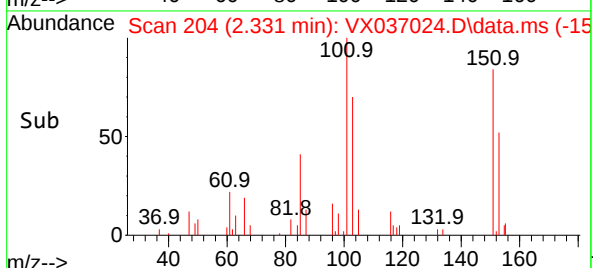
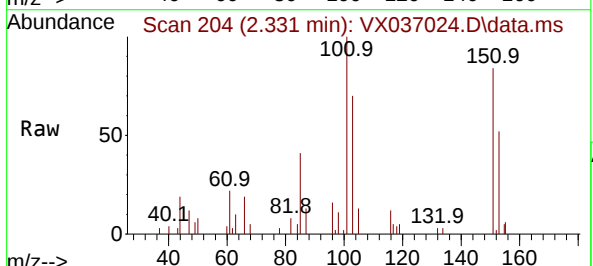


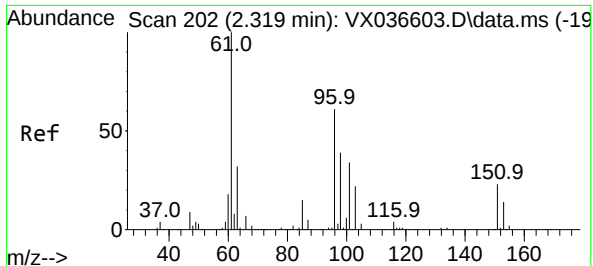
Tgt Ion:168 Resp: 116028
Ion Ratio Lower Upper
168 100
99 65.1 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.861 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX037024.D
Acq: 16 Aug 2023 17:48

Tgt Ion:101 Resp: 5084
Ion Ratio Lower Upper
101 100
85 44.1 37.0 55.6
151 77.2 58.6 87.8

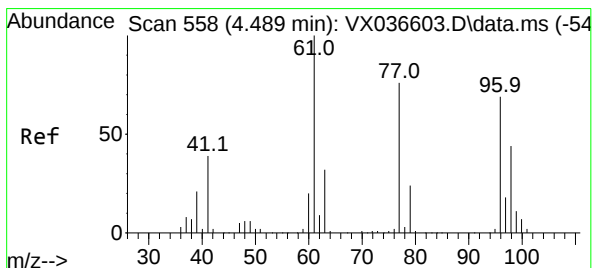
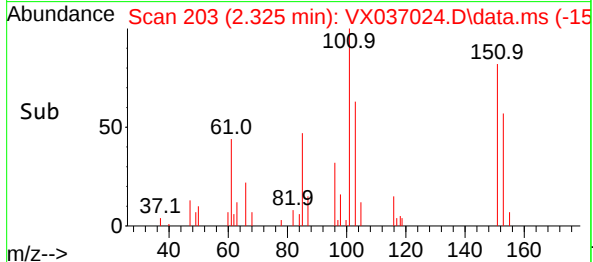
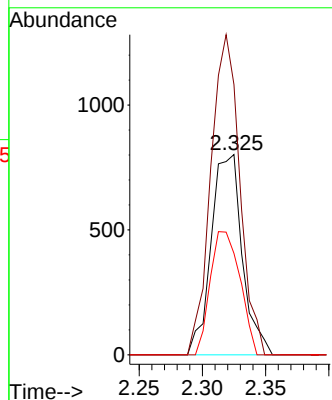
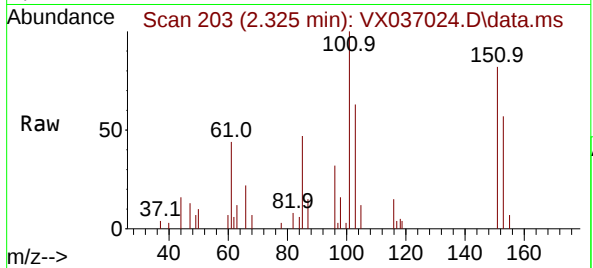




#12
 1,1-Dichloroethene
 Concen: 1.054 ug/l
 RT: 2.325 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VX037024.D
 Acq: 16 Aug 2023 17:48

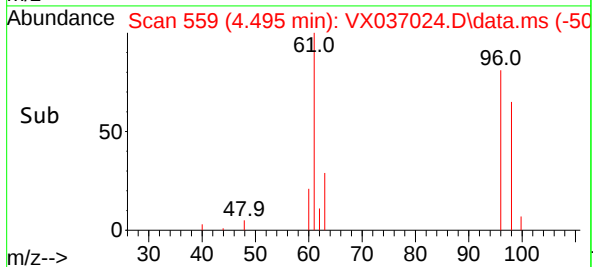
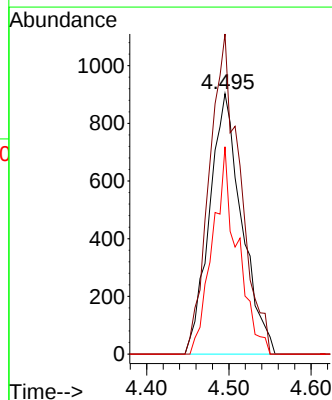
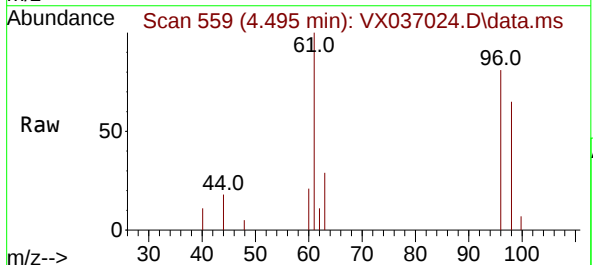
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20230815

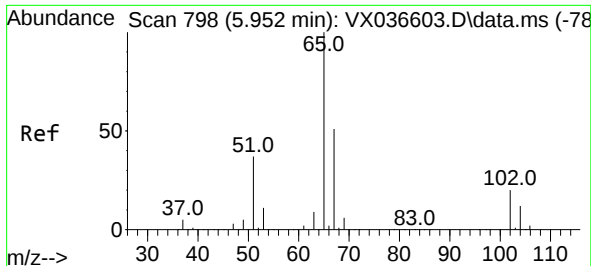
Tgt Ion: 96 Resp: 1369
 Ion Ratio Lower Upper
 96 100
 61 134.9 144.6 216.8#
 98 50.6 50.4 75.6



#27
 cis-1,2-Dichloroethene
 Concen: 1.430 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. 0.006 min
 Lab File: VX037024.D
 Acq: 16 Aug 2023 17:48

Tgt Ion: 96 Resp: 2467
 Ion Ratio Lower Upper
 96 100
 61 117.2 0.0 312.2
 98 61.9 0.0 129.0

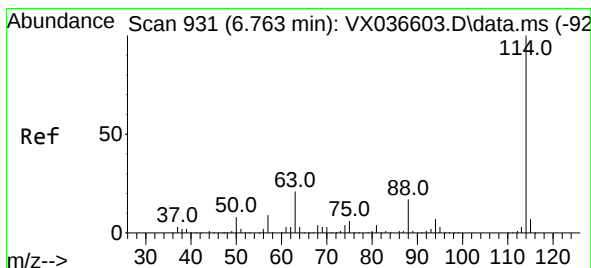
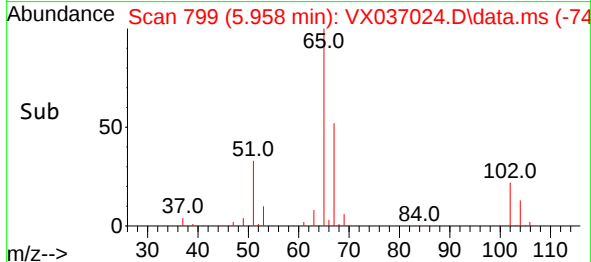
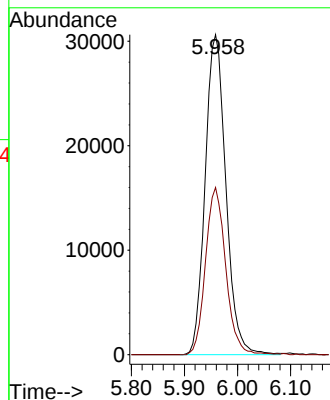
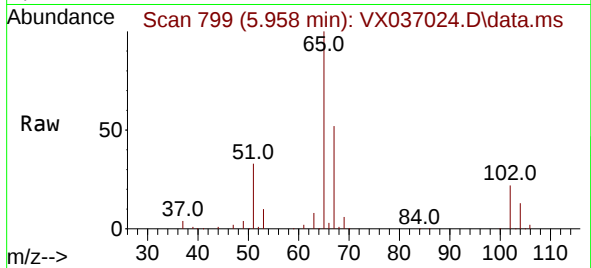




#33
 1,2-Dichloroethane-d4
 Concen: 48.358 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.006 min
 Lab File: VX037024.D
 Acq: 16 Aug 2023 17:48

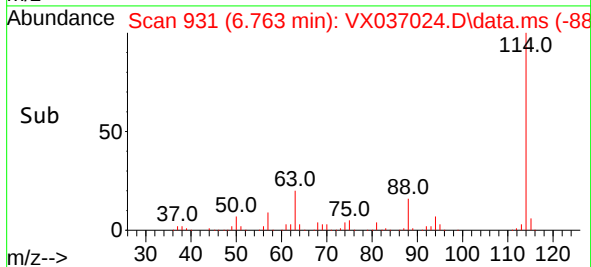
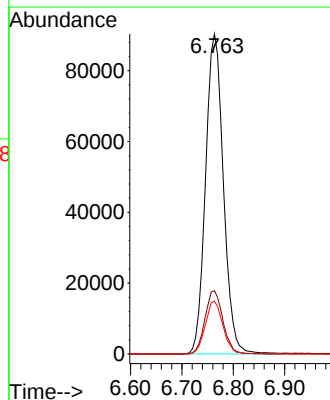
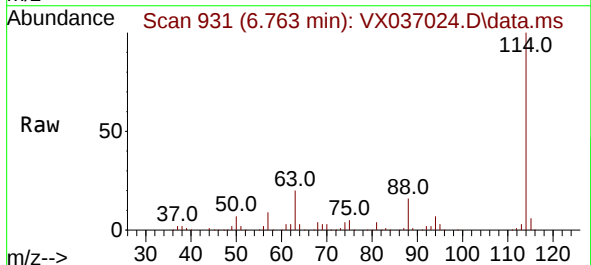
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20230815

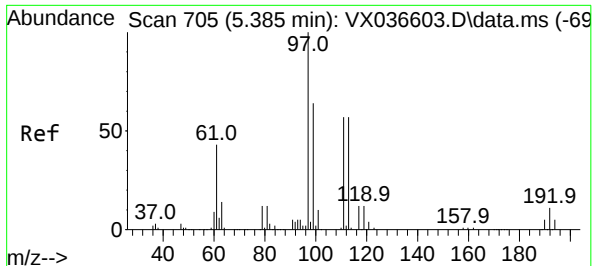
Tgt Ion: 65 Resp: 83022
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX037024.D
 Acq: 16 Aug 2023 17:48

Tgt Ion: 114 Resp: 218153
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 45.0
 88 16.5 0.0 36.6

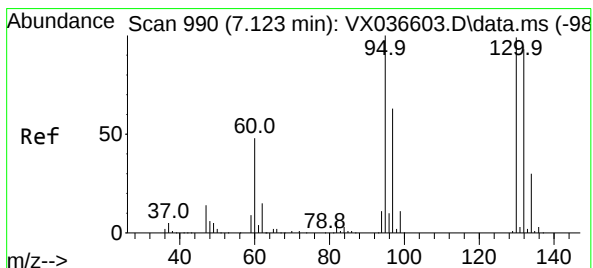
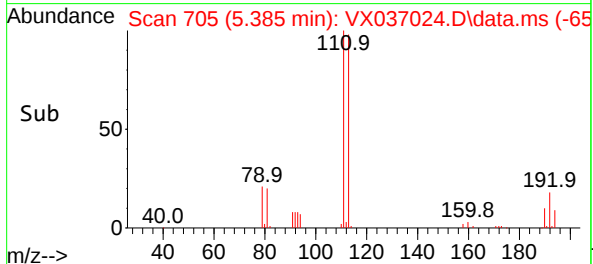
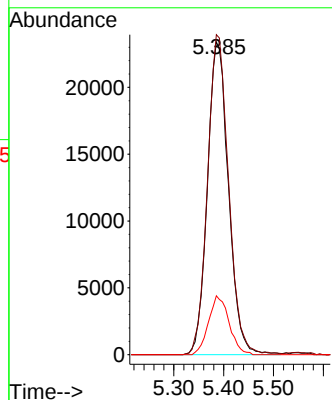
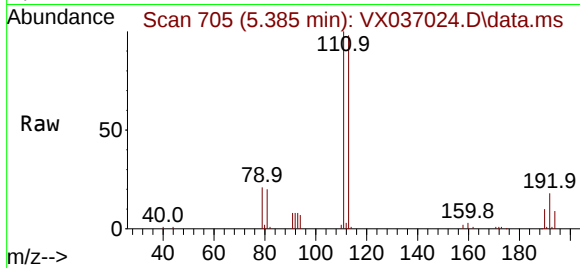




#35
Dibromofluoromethane
Concen: 45.734 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037024.D
Acq: 16 Aug 2023 17:48

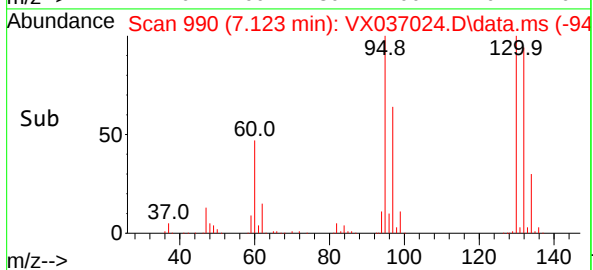
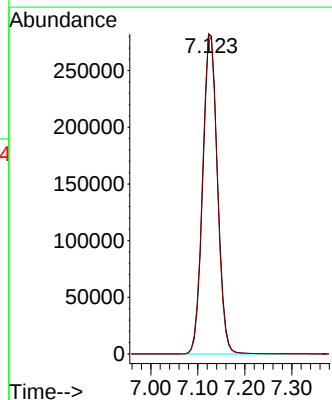
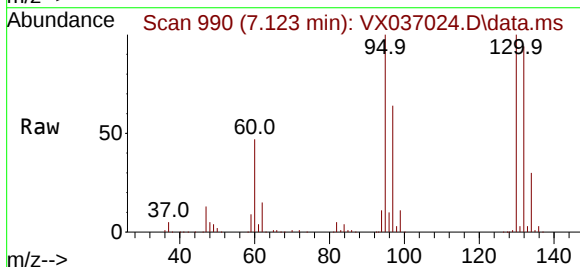
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ClientSampleId :
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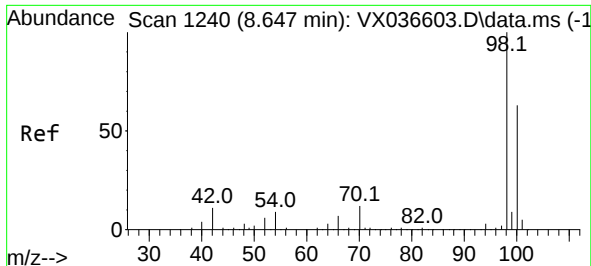
Tgt Ion:113 Resp: 68576
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.4 13.3 19.9



#44
Trichloroethene
Concen: 362.028 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037024.D
Acq: 16 Aug 2023 17:48

Tgt Ion:130 Resp: 615326
Ion Ratio Lower Upper
130 100
95 99.9 0.0 204.4

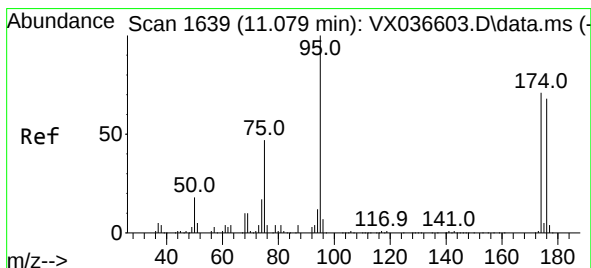
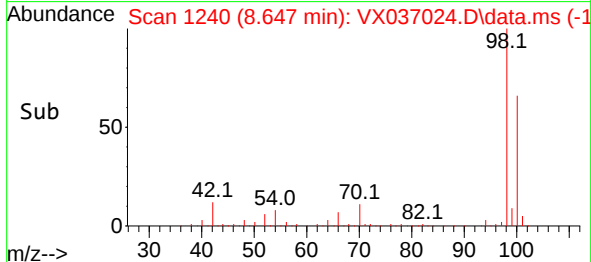
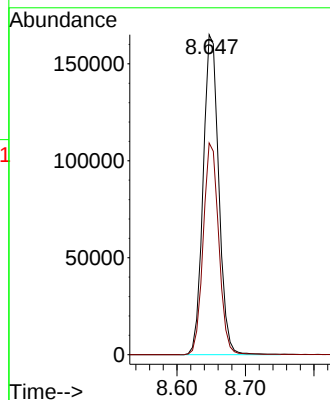
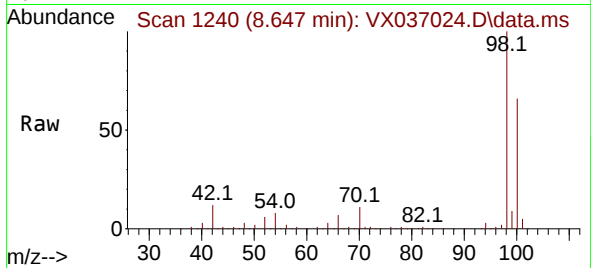




#50
Toluene-d8
Concen: 49.233 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037024.D
Acq: 16 Aug 2023 17:48

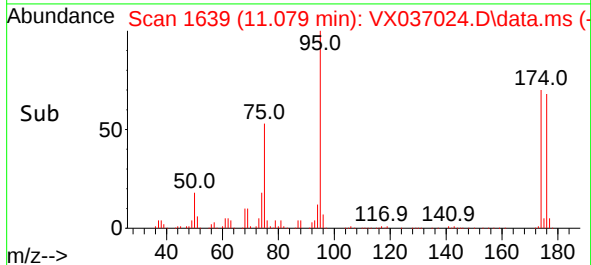
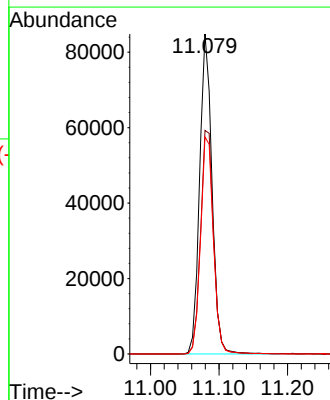
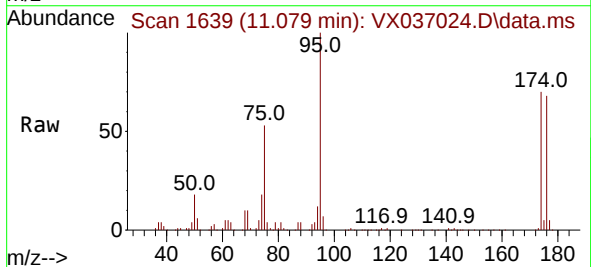
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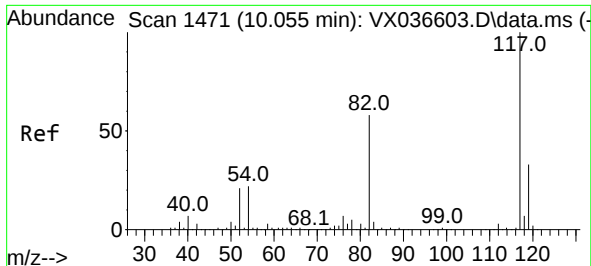
Tgt Ion: 98 Resp: 261791
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 53.157 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037024.D
Acq: 16 Aug 2023 17:48

Tgt Ion: 95 Resp: 106642
Ion Ratio Lower Upper
95 100
174 73.6 0.0 135.6
176 70.7 0.0 131.0

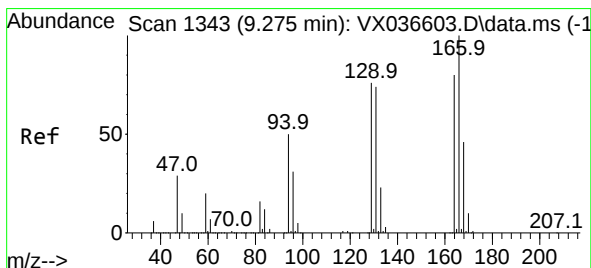
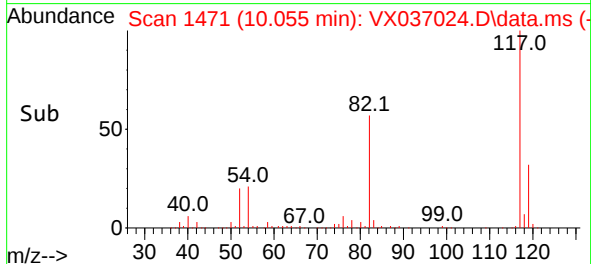
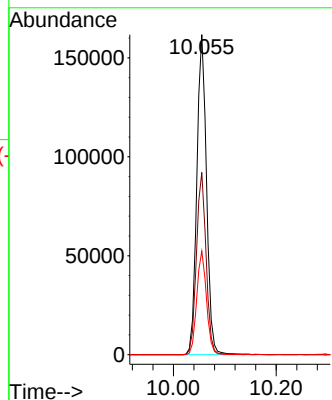
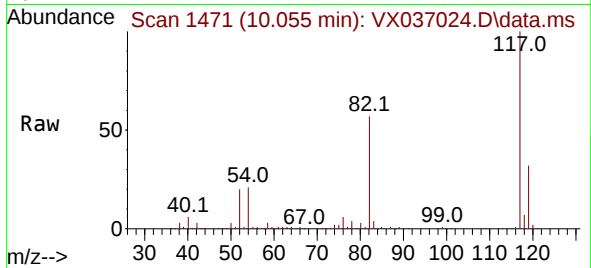




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037024.D
Acq: 16 Aug 2023 17:48

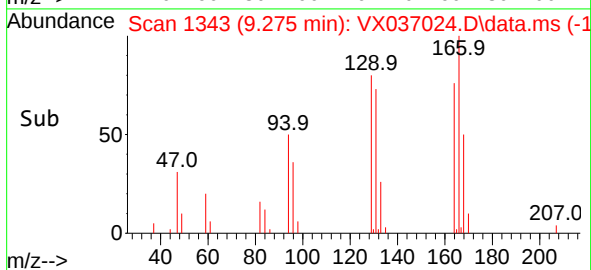
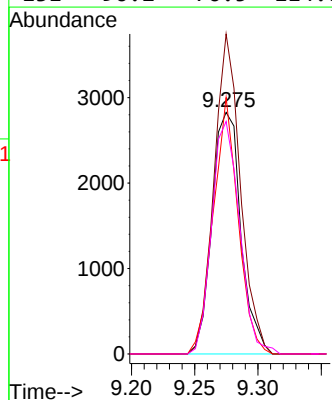
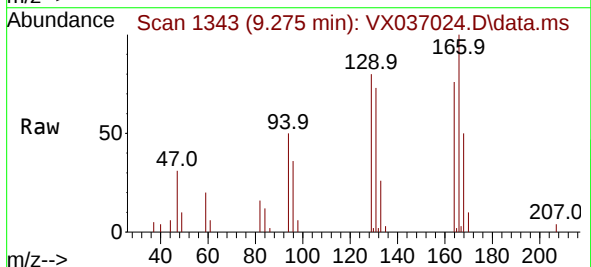
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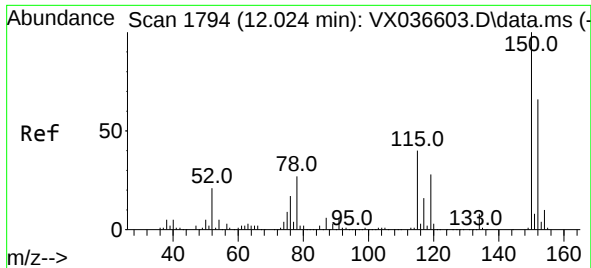
Tgt Ion:117 Resp: 212703
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.4
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 2.818 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037024.D
Acq: 16 Aug 2023 17:48

Tgt Ion:164 Resp: 4471
Ion Ratio Lower Upper
164 100
166 132.4 102.7 154.1
129 106.1 80.4 120.6
131 96.2 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037024.D

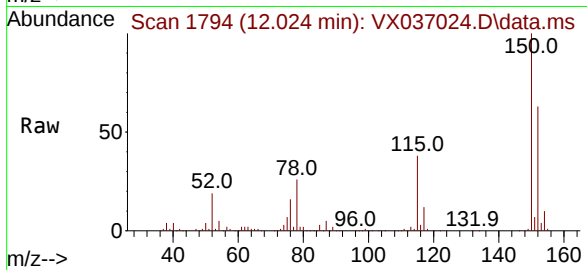
Acq: 16 Aug 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20230815



Tgt Ion:152 Resp: 99219

Ion Ratio Lower Upper

152 100

115 63.2 43.3 129.9

150 158.2 0.0 345.0

