

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037252.D
 Acq On : 25 Aug 2023 06:48
 Operator : JC/MD
 Sample : 04095-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20230818

Quant Time: Aug 25 07:47:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

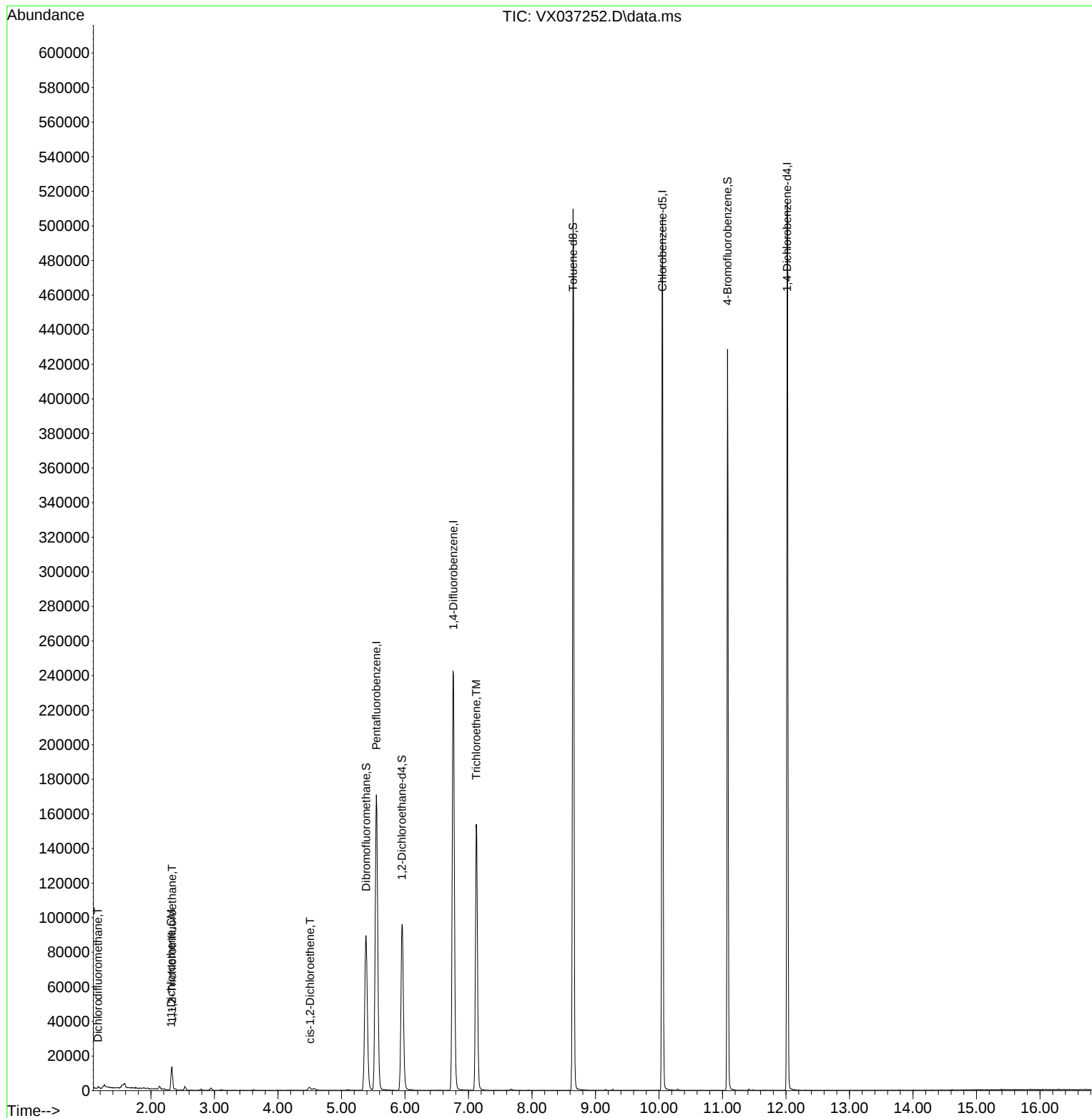
Internal Standards						
1) Pentafluorobenzene	5.550	168	156367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	258782	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	108200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97540	43.268	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.540%
35) Dibromofluoromethane	5.385	113	79289	46.264	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.520%
50) Toluene-d8	8.647	98	302515	48.661	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.320%
62) 4-Bromofluorobenzene	11.079	95	114212	46.749	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	681	0.375	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	5009	3.030	ug/l	96
12) 1,1-Dichloroethene	2.319	96	867	0.539	ug/l #	70
27) cis-1,2-Dichloroethene	4.507	96	1398	0.648	ug/l	72
44) Trichloroethene	7.123	130	61461	31.038	ug/l	94

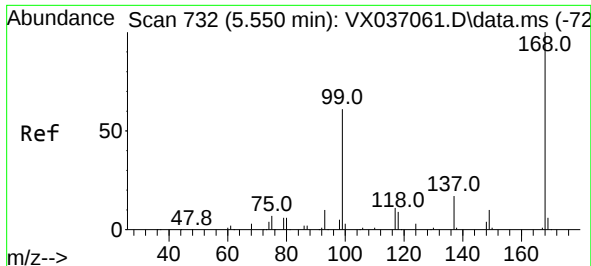
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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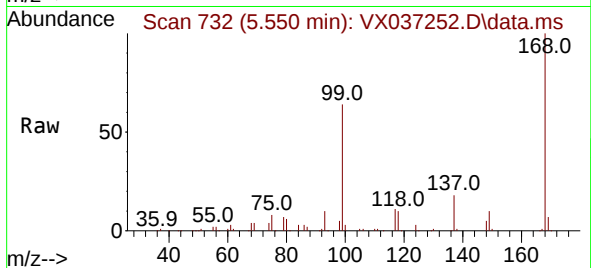
Quant Time: Aug 25 07:47:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
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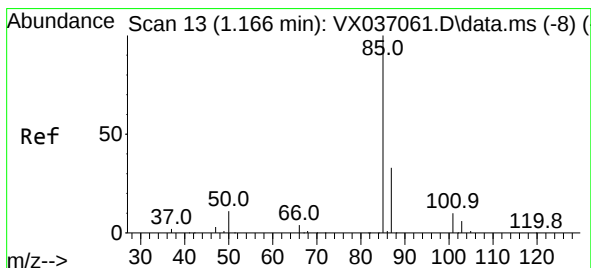
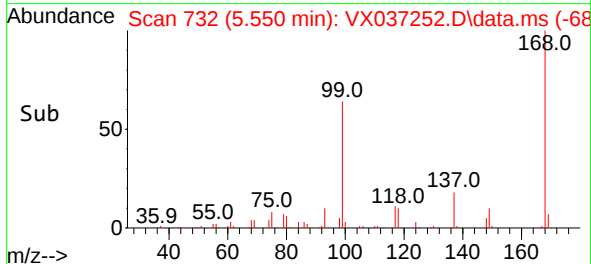
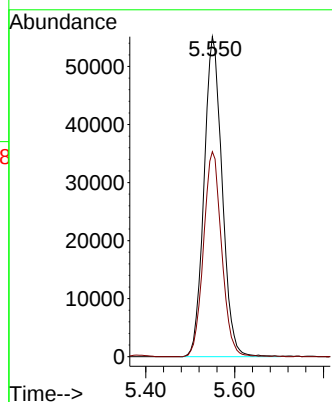


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037252.D
Acq: 25 Aug 2023 06:48

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20230818

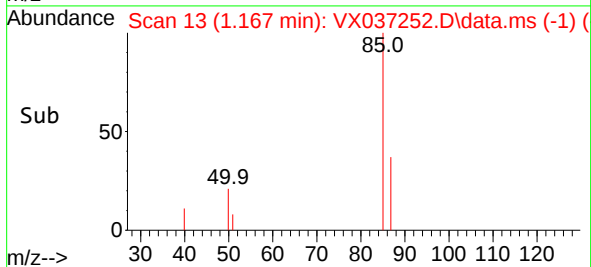
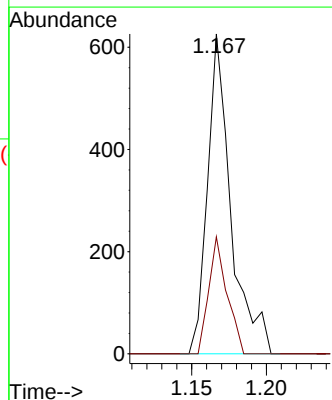
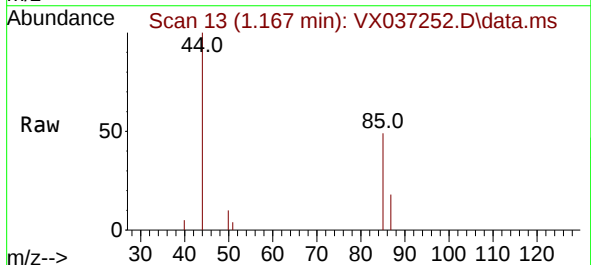


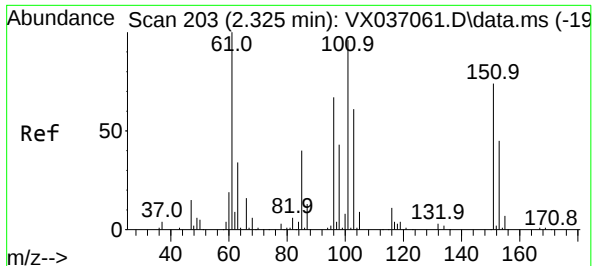
Tgt Ion:168 Resp: 156367
Ion Ratio Lower Upper
168 100
99 64.0 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.375 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037252.D
Acq: 25 Aug 2023 06:48

Tgt Ion: 85 Resp: 681
Ion Ratio Lower Upper
85 100
87 36.6 16.7 50.1

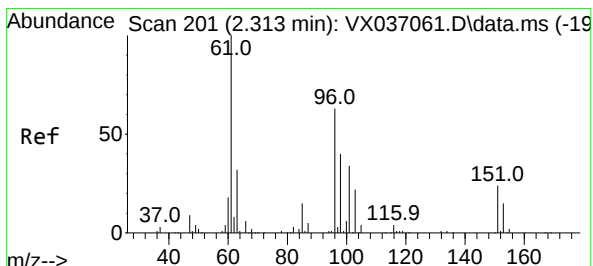
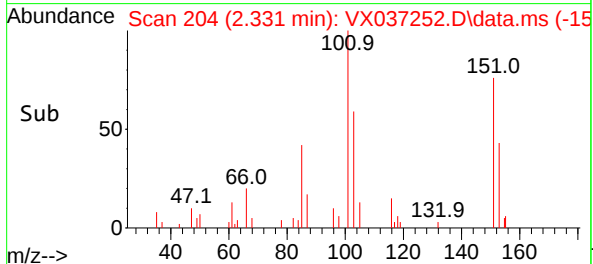
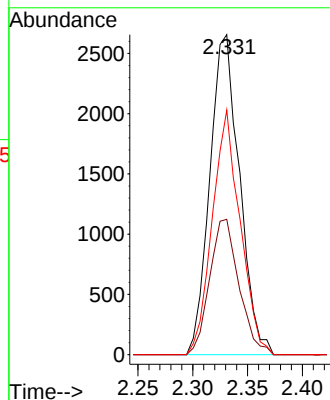
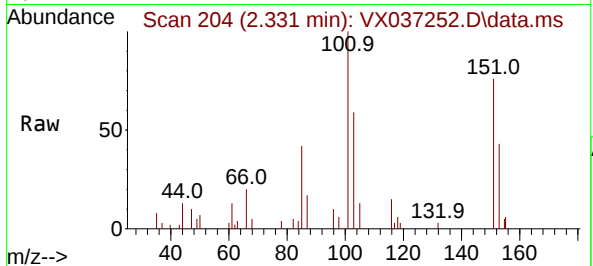




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.030 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX037252.D
Acq: 25 Aug 2023 06:48

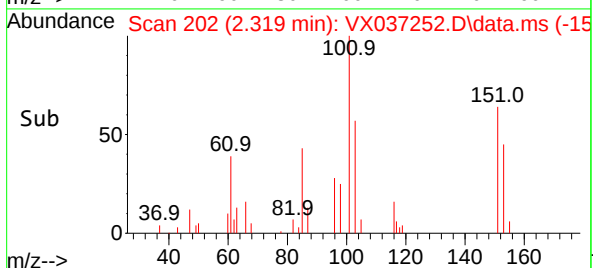
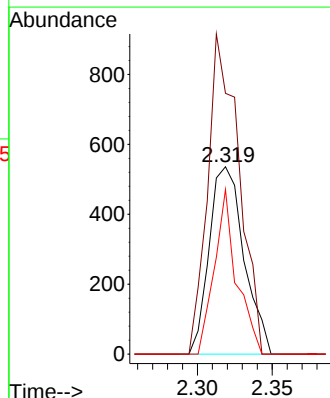
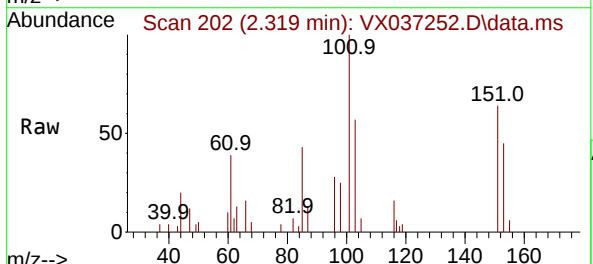
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20230818

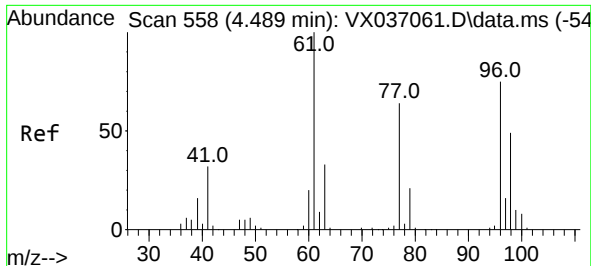
Tgt Ion:101 Resp: 5009
Ion Ratio Lower Upper
101 100
85 41.8 37.0 55.6
151 71.6 58.6 87.8



#12
1,1-Dichloroethene
Concen: 0.539 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037252.D
Acq: 25 Aug 2023 06:48

Tgt Ion: 96 Resp: 867
Ion Ratio Lower Upper
96 100
61 139.2 144.6 216.8#
98 87.9 50.4 75.6#





#27

cis-1,2-Dichloroethene

Concen: 0.648 ug/l

RT: 4.507 min Scan# 50

Delta R.T. 0.018 min

Lab File: VX037252.D

Acq: 25 Aug 2023 06:48

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20230818

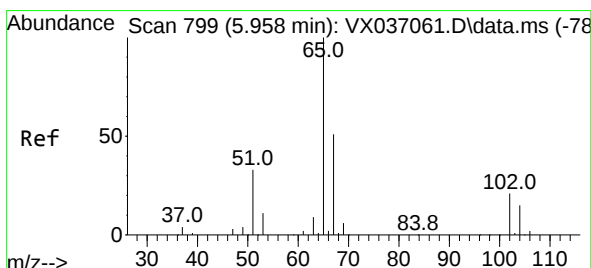
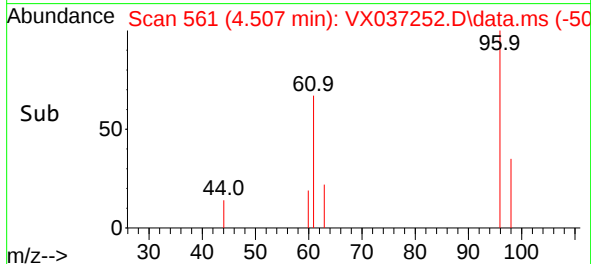
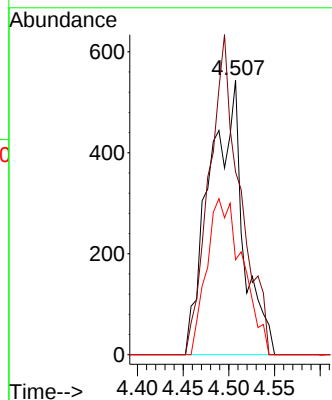
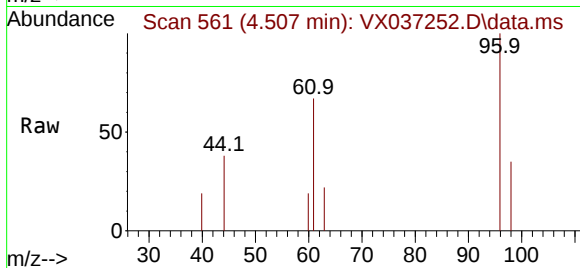
Tgt Ion: 96 Resp: 1398

Ion Ratio Lower Upper

96 100

61 106.7 0.0 312.2

98 60.5 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 43.268 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX037252.D

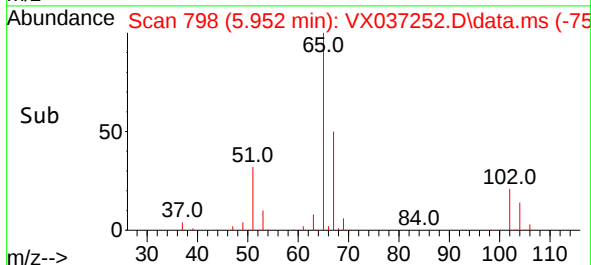
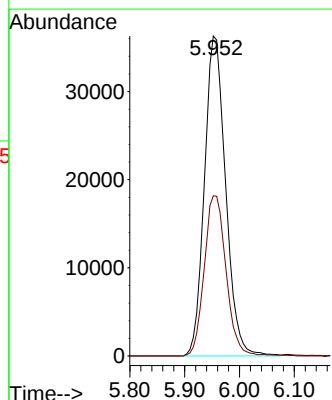
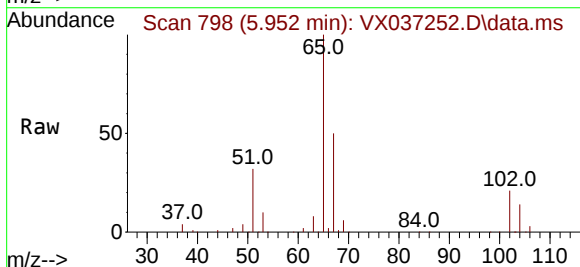
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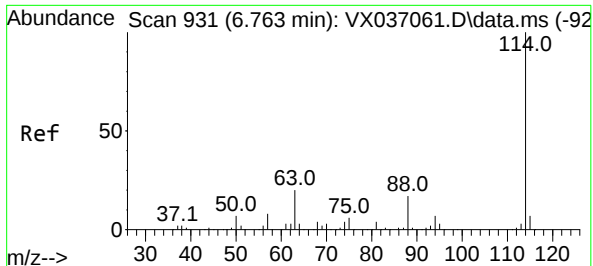
Tgt Ion: 65 Resp: 97540

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.2

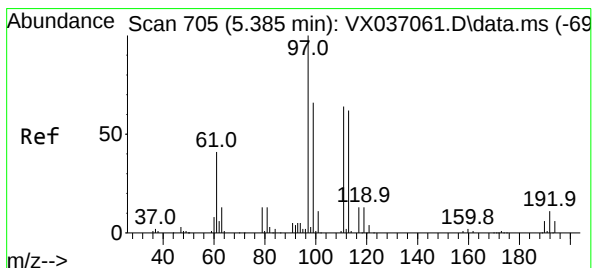
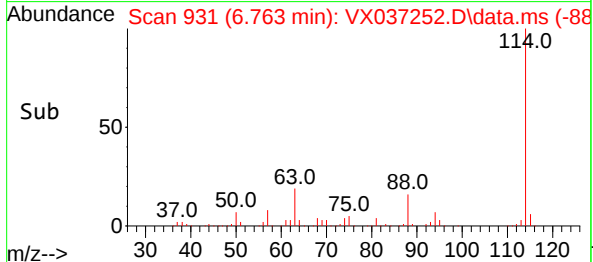
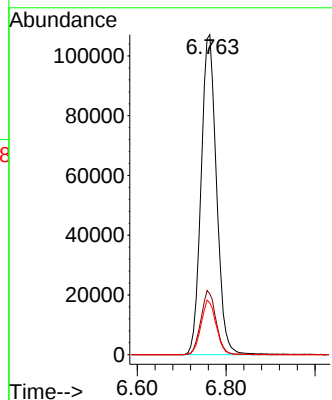
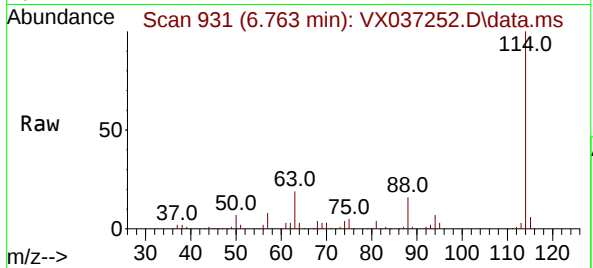




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037252.D
Acq: 25 Aug 2023 06:48

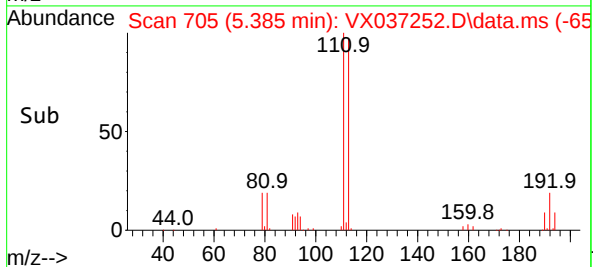
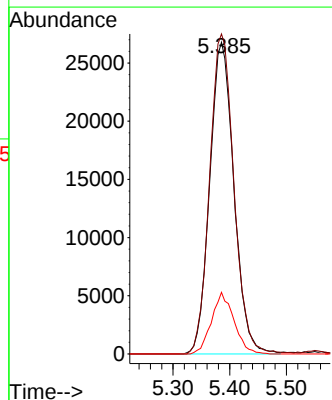
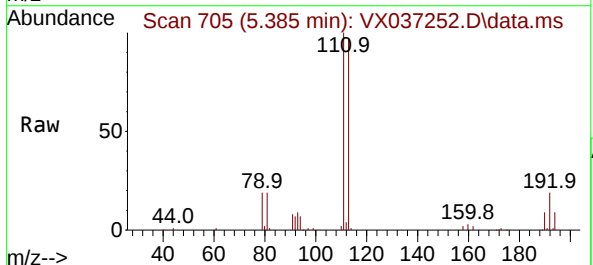
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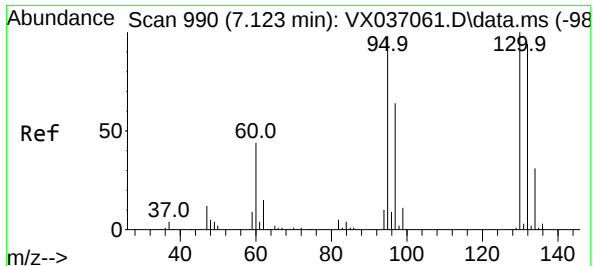
Tgt Ion:114 Resp: 258782
Ion Ratio Lower Upper
114 100
63 19.0 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.264 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037252.D
Acq: 25 Aug 2023 06:48

Tgt Ion:113 Resp: 79289
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.4 13.3 19.9

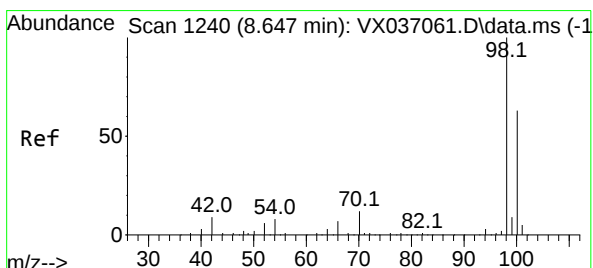
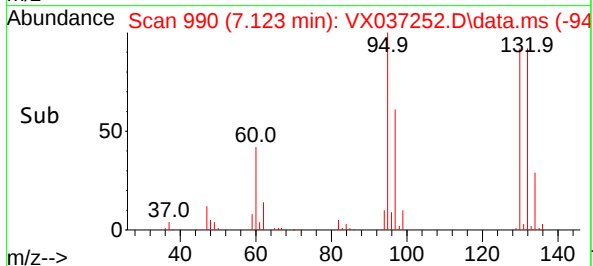
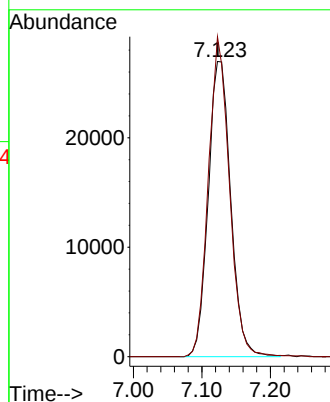
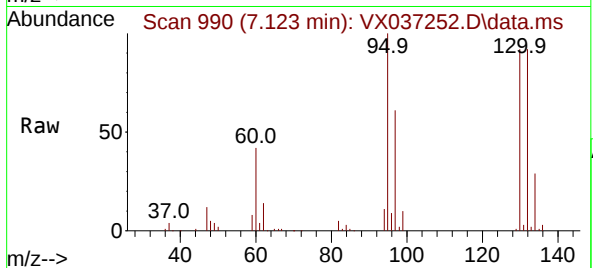




#44
 Trichloroethene
 Concen: 31.038 ug/l
 RT: 7.123 min Scan# 990
 Delta R.T. 0.000 min
 Lab File: VX037252.D
 Acq: 25 Aug 2023 06:48

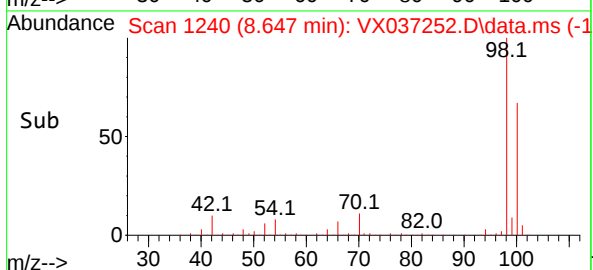
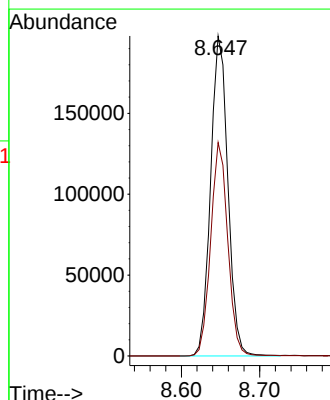
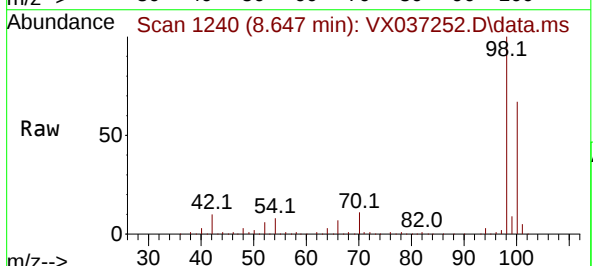
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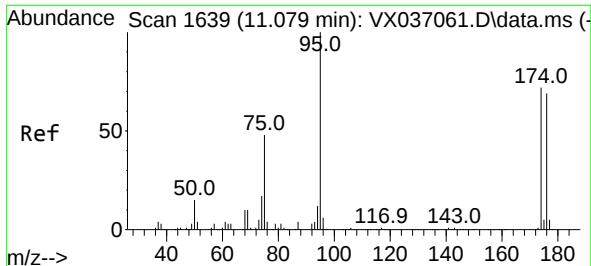
Tgt Ion:130 Resp: 61461
 Ion Ratio Lower Upper
 130 100
 95 108.4 0.0 204.4



#50
 Toluene-d8
 Concen: 48.661 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX037252.D
 Acq: 25 Aug 2023 06:48

Tgt Ion: 98 Resp: 302515
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.1 79.7

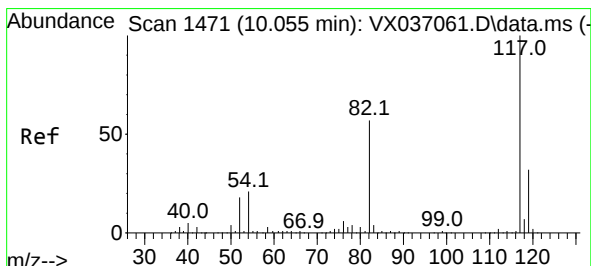
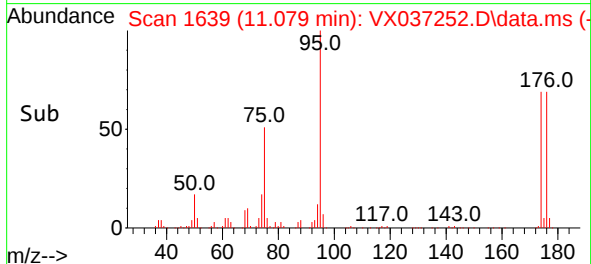
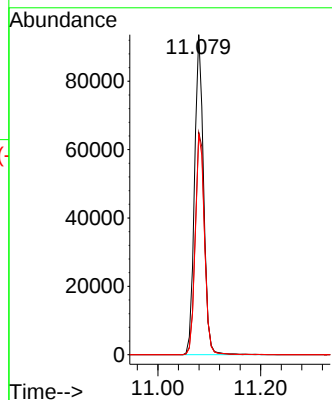
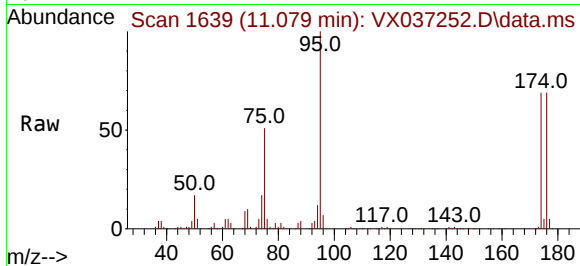




#62
4-Bromofluorobenzene
Concen: 46.749 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037252.D
Acq: 25 Aug 2023 06:48

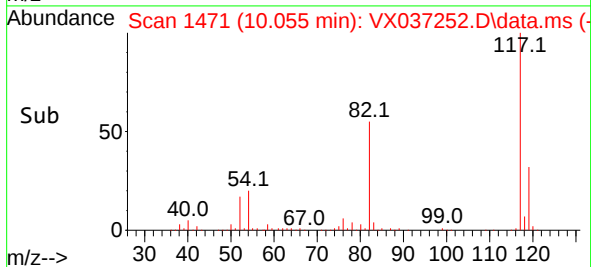
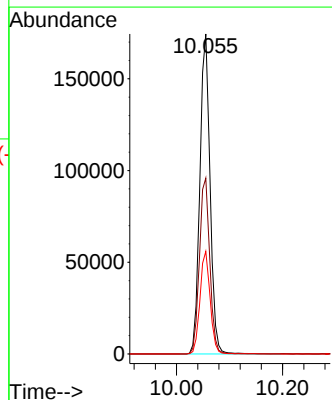
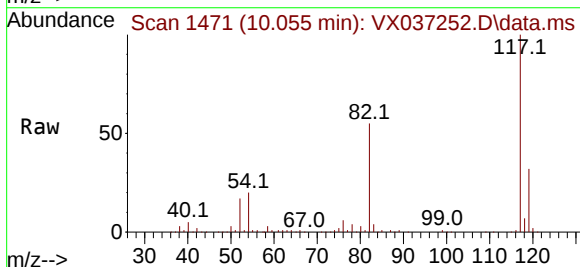
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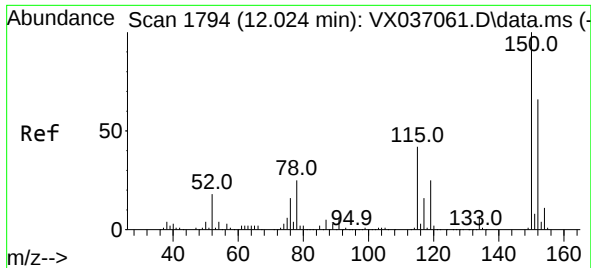
Tgt Ion: 95 Resp: 114212
Ion Ratio Lower Upper
95 100
174 71.9 0.0 135.6
176 70.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037252.D
Acq: 25 Aug 2023 06:48

Tgt Ion: 117 Resp: 233307
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 32.1 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037252.D

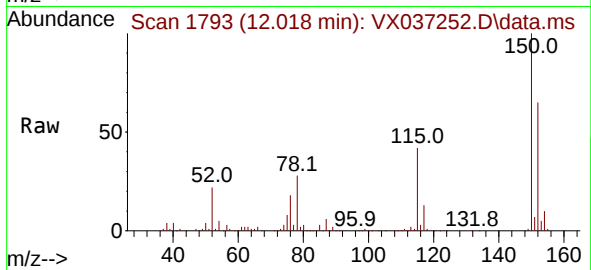
Acq: 25 Aug 2023 06:48

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20230818



Tgt Ion:152 Resp: 108200

Ion Ratio Lower Upper

152 100

115 61.7 43.3 129.9

150 153.7 0.0 345.0

