

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037234.D
 Acq On : 24 Aug 2023 23:34
 Operator : JC/MD
 Sample : 04051-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D2-20230816

Quant Time: Aug 25 06:28:50 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)

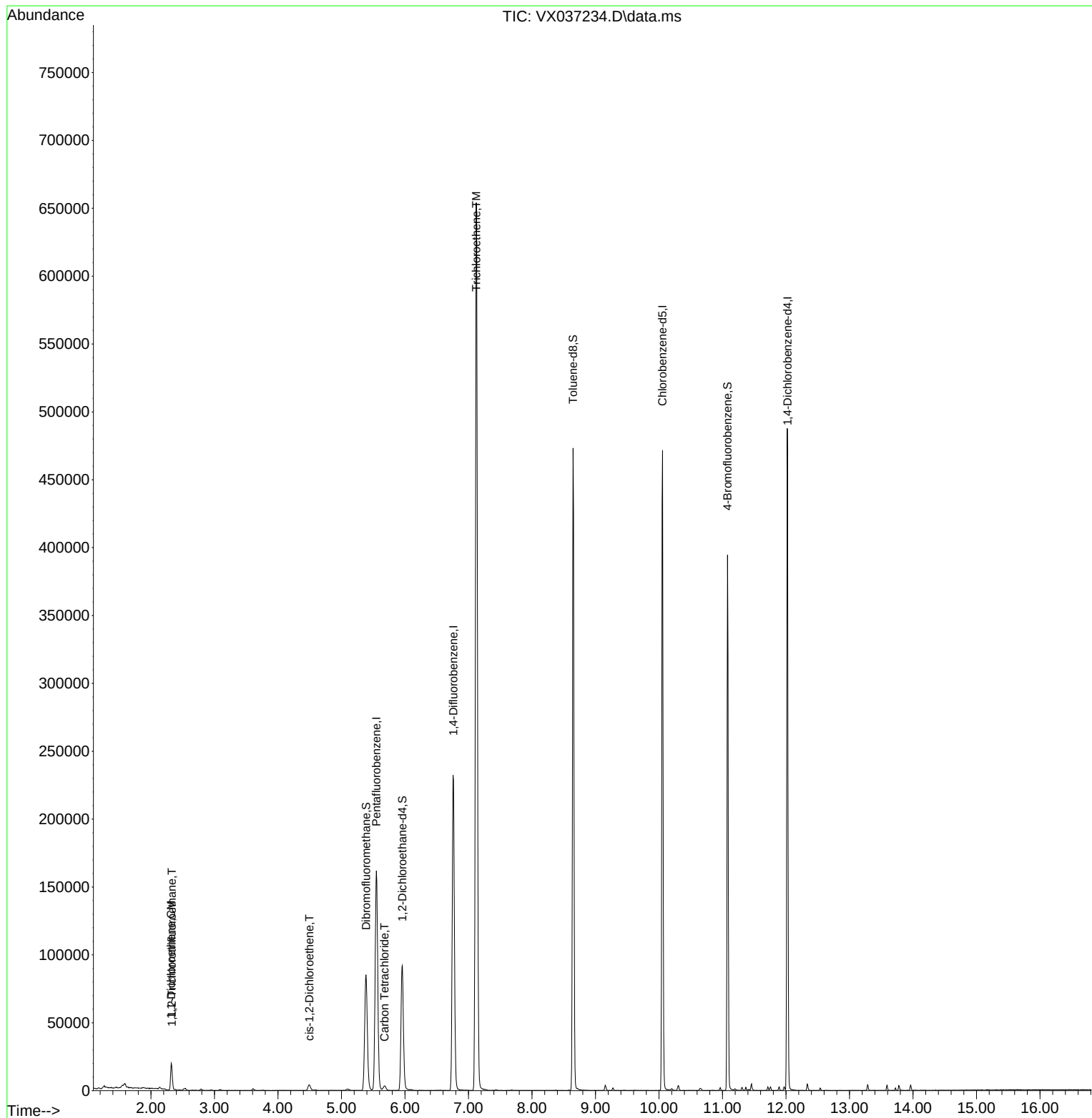
Internal Standards						
1) Pentafluorobenzene	5.550	168	149768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	247249	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92693	42.930	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.860%
35) Dibromofluoromethane	5.385	113	75501	46.108	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.220%
50) Toluene-d8	8.647	98	287406	48.387	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.780%
62) 4-Bromofluorobenzene	11.079	95	108384	46.432	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.860%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	3531	2.230	ug/l	98
12) 1,1-Dichloroethene	2.319	96	4481	2.907	ug/l	81
27) cis-1,2-Dichloroethene	4.495	96	2932	1.419	ug/l	84
38) Carbon Tetrachloride	5.678	117	2944	1.165	ug/l	97
44) Trichloroethene	7.123	130	259516	137.171	ug/l	97

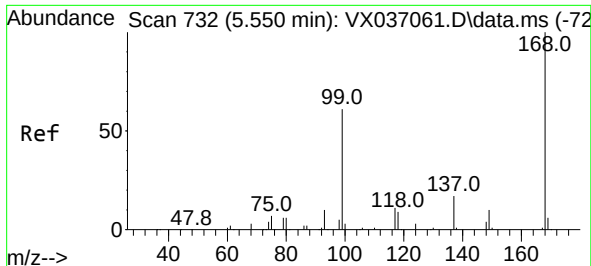
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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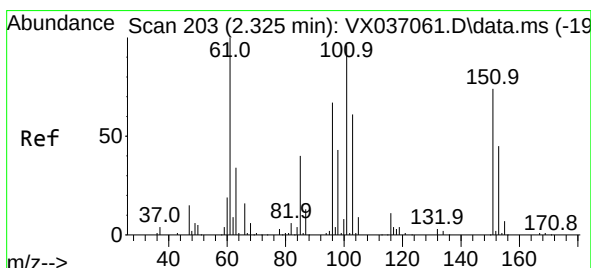
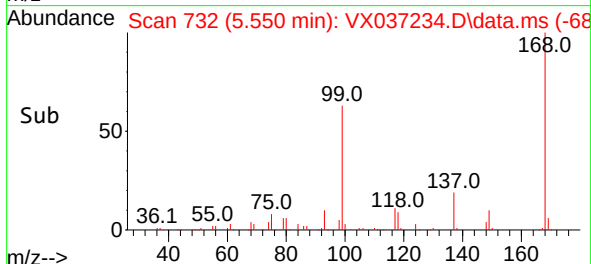
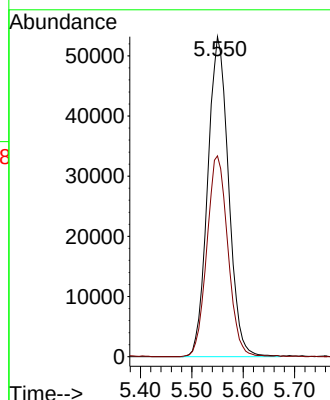
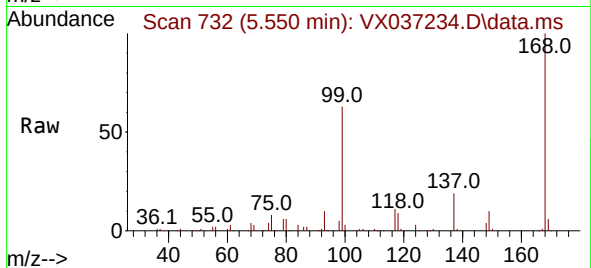




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037234.D
Acq: 24 Aug 2023 23:34

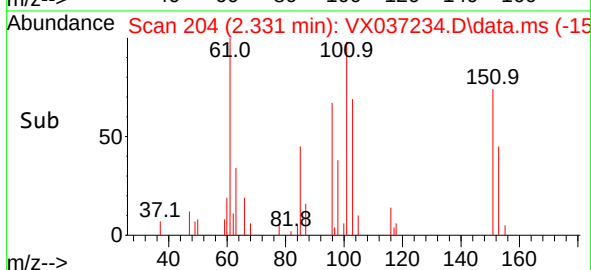
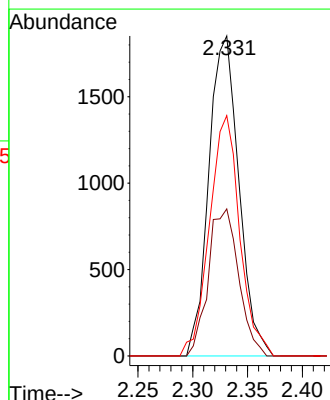
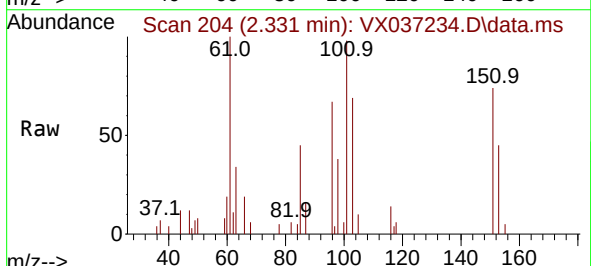
Instrument :
MSVOA_X
ClientSampleId :
RE139D2-20230816

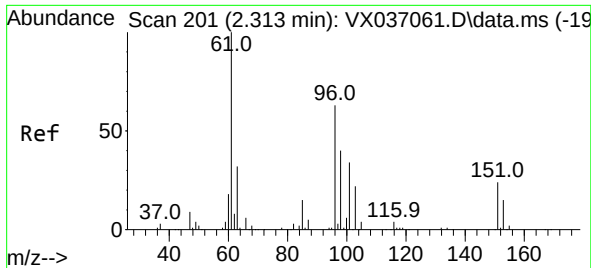
Tgt Ion:168 Resp: 149768
Ion Ratio Lower Upper
168 100
99 62.8 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.230 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX037234.D
Acq: 24 Aug 2023 23:34

Tgt Ion:101 Resp: 3531
Ion Ratio Lower Upper
101 100
85 46.4 37.0 55.6
151 75.6 58.6 87.8

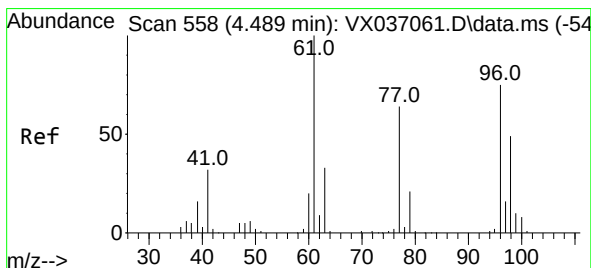
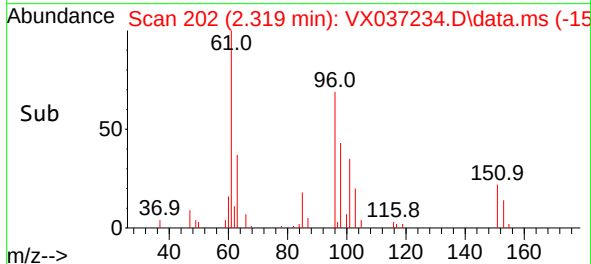
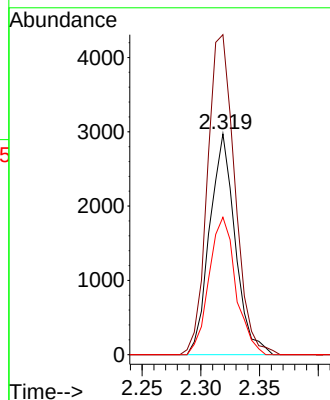
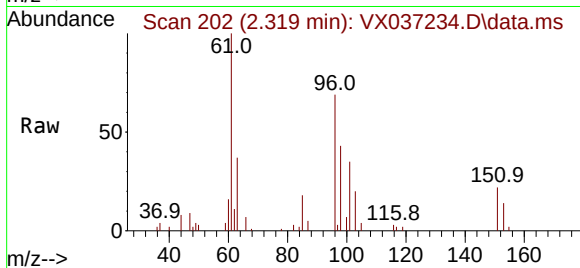




#12
 1,1-Dichloroethene
 Concen: 2.907 ug/l
 RT: 2.319 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: VX037234.D
 Acq: 24 Aug 2023 23:34

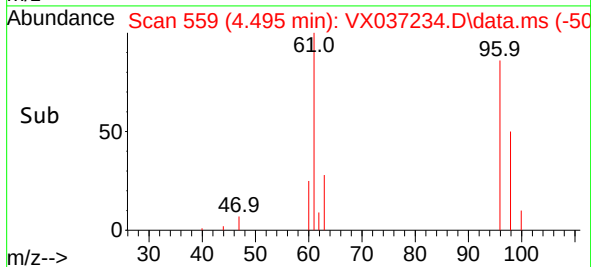
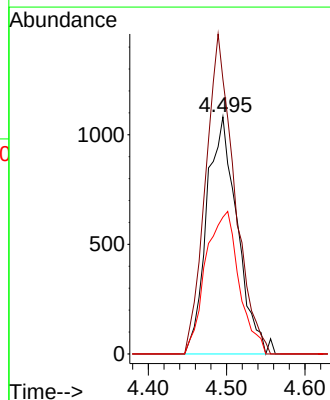
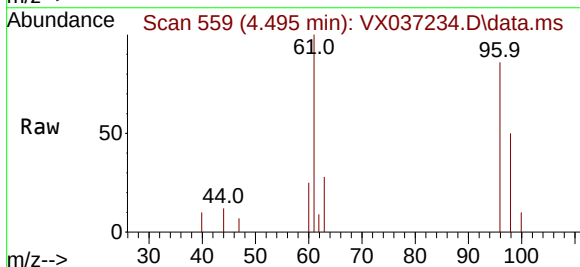
Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D2-20230816

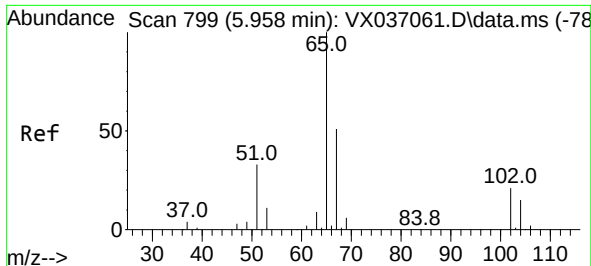
Tgt Ion:	96	Resp:	4481
Ion	Ratio	Lower	Upper
96	100		
61	144.9	144.6	216.8
98	62.3	50.4	75.6



#27
 cis-1,2-Dichloroethene
 Concen: 1.419 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. 0.006 min
 Lab File: VX037234.D
 Acq: 24 Aug 2023 23:34

Tgt Ion:	96	Resp:	2932
Ion	Ratio	Lower	Upper
96	100		
61	127.7	0.0	312.2
98	65.7	0.0	129.0





#33

1,2-Dichloroethane-d4

Concen: 42.930 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037234.D

Acq: 24 Aug 2023 23:34

Instrument :

MSVOA_X

ClientSampleId :

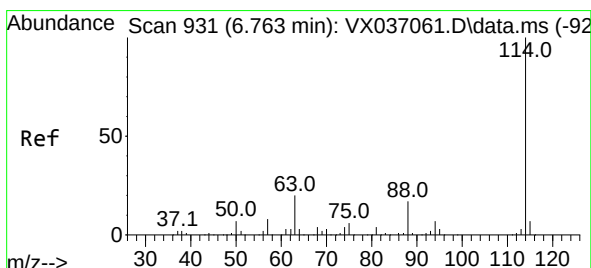
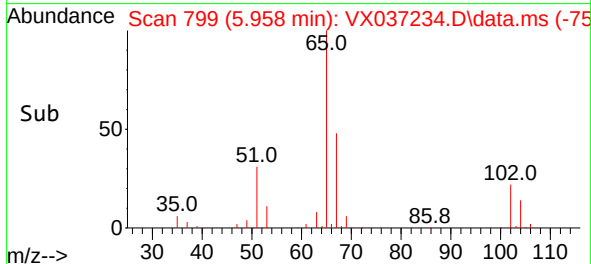
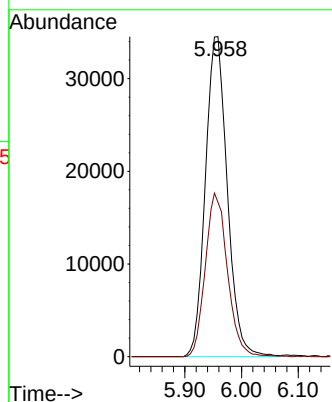
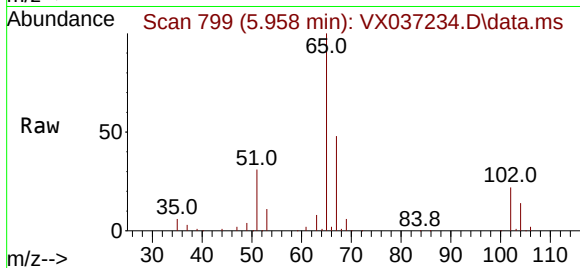
RE139D2-20230816

Tgt Ion: 65 Resp: 92693

Ion Ratio Lower Upper

65 100

67 51.7 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: VX037234.D

Acq: 24 Aug 2023 23:34

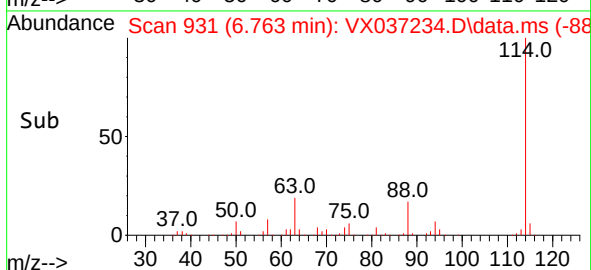
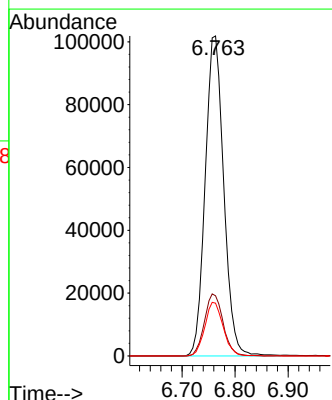
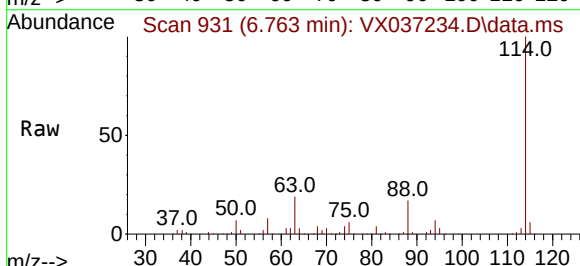
Tgt Ion: 114 Resp: 247249

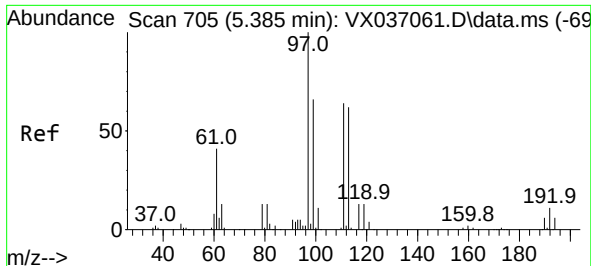
Ion Ratio Lower Upper

114 100

63 18.8 0.0 45.0

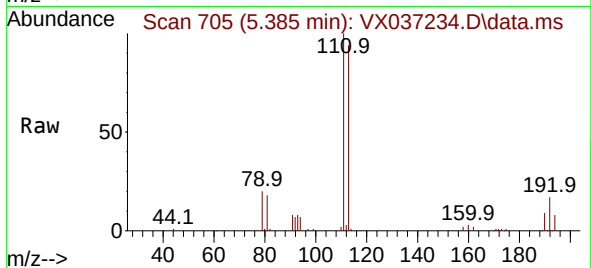
88 16.5 0.0 36.6



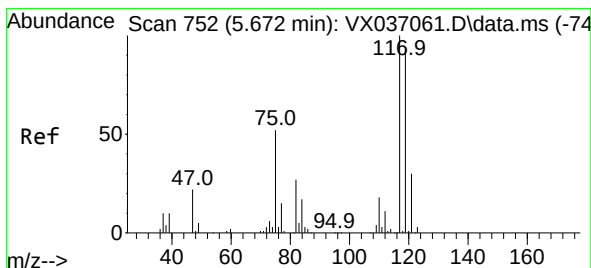
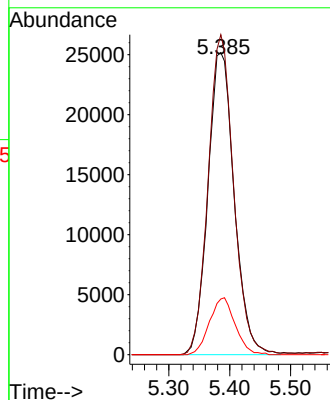
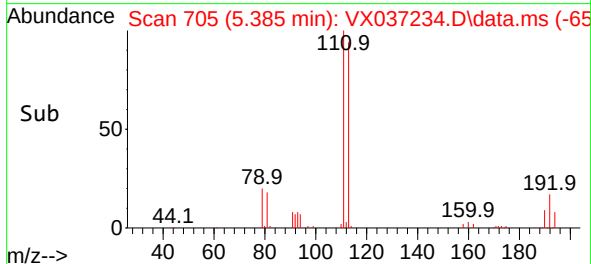


#35
Dibromofluoromethane
Concen: 46.108 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037234.D
Acq: 24 Aug 2023 23:34

Instrument :
MSVOA_X
ClientSampleId :
RE139D2-20230816

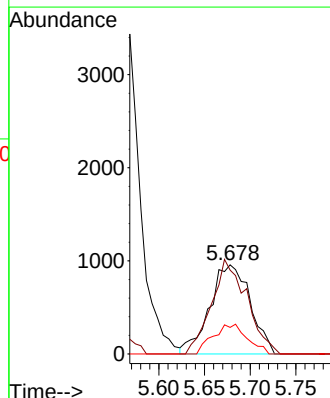
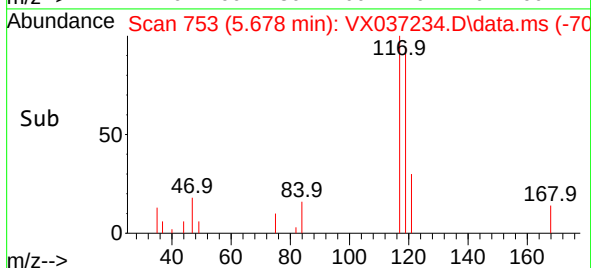
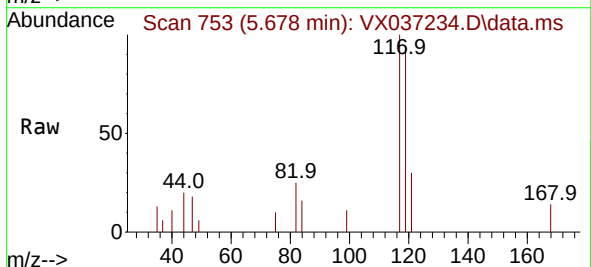


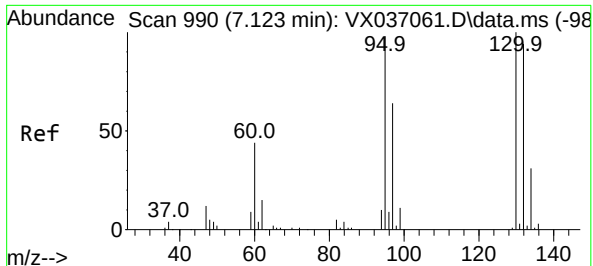
Tgt Ion:113 Resp: 75501
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.4 13.3 19.9



#38
Carbon Tetrachloride
Concen: 1.165 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX037234.D
Acq: 24 Aug 2023 23:34

Tgt Ion:117 Resp: 2944
Ion Ratio Lower Upper
117 100
119 94.1 78.2 117.2
121 29.9 24.4 36.6

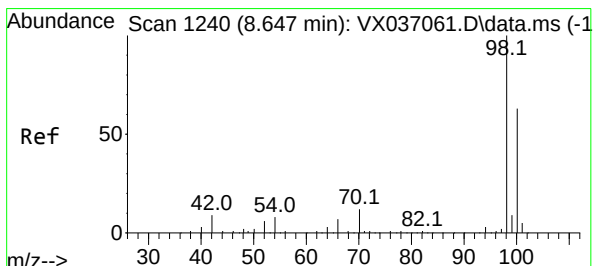
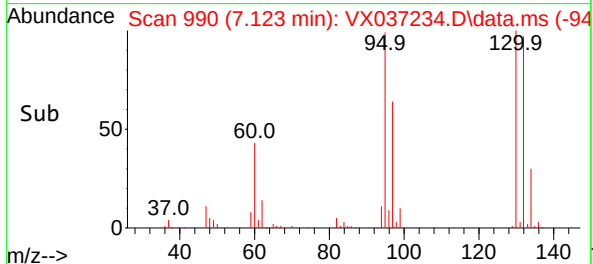
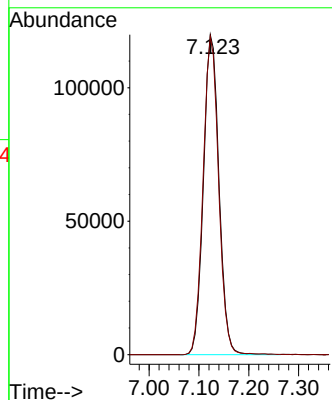
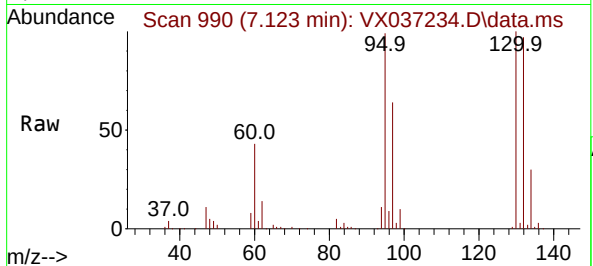




#44
Trichloroethene
Concen: 137.171 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037234.D
Acq: 24 Aug 2023 23:34

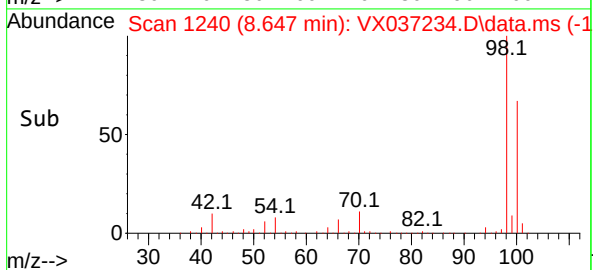
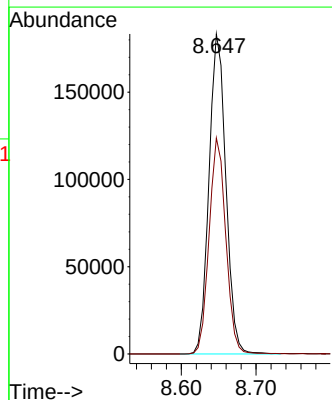
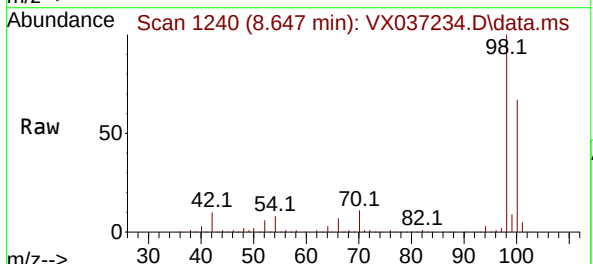
Instrument :
MSVOA_X
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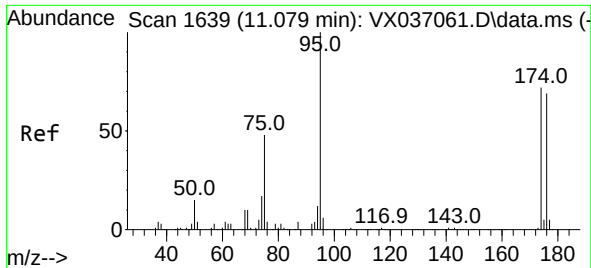
Tgt Ion:130 Resp: 259516
Ion Ratio Lower Upper
130 100
95 99.4 0.0 204.4



#50
Toluene-d8
Concen: 48.387 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037234.D
Acq: 24 Aug 2023 23:34

Tgt Ion: 98 Resp: 287406
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7

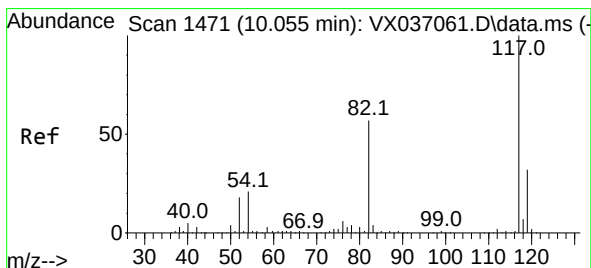
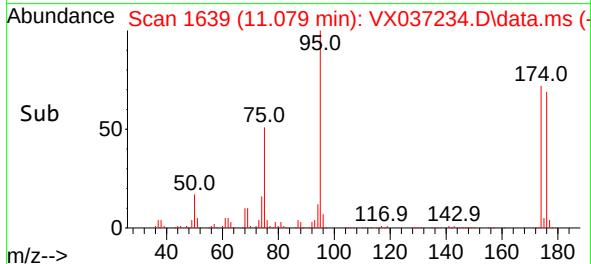
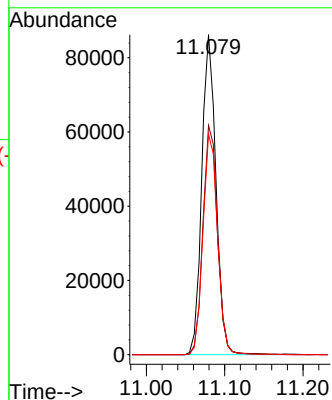
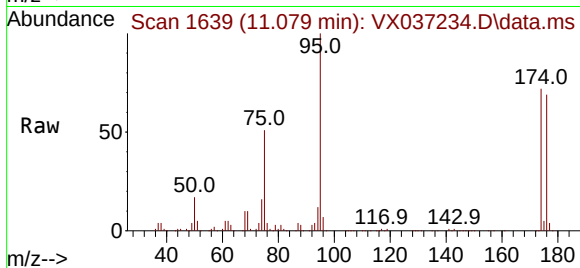




#62
4-Bromofluorobenzene
Concen: 46.432 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037234.D
Acq: 24 Aug 2023 23:34

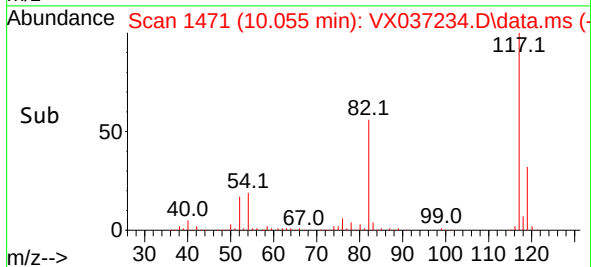
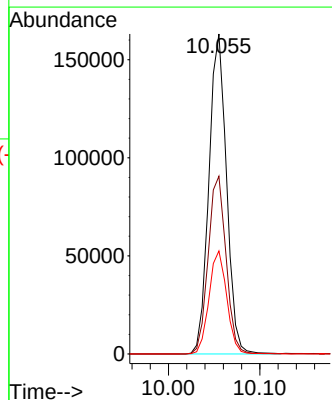
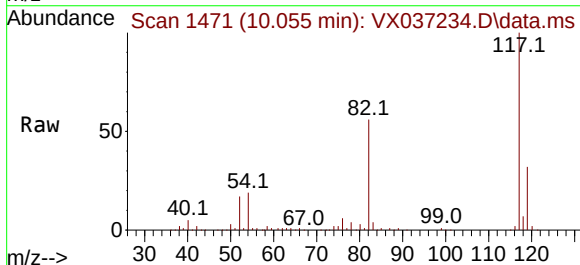
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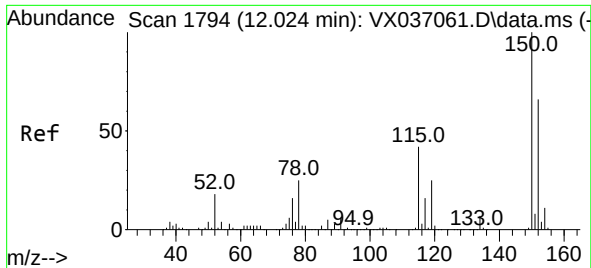
Tgt Ion: 95 Resp: 108384
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 71.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037234.D
Acq: 24 Aug 2023 23:34

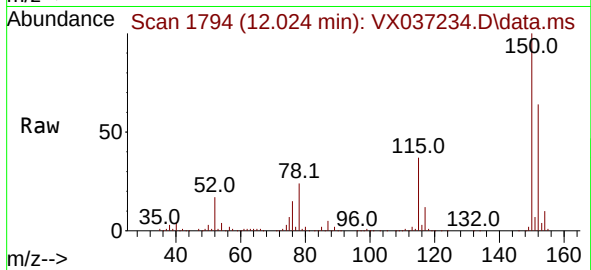
Tgt Ion: 117 Resp: 217972
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.2 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037234.D
 Acq: 24 Aug 2023 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D2-20230816



Tgt Ion:152 Resp: 100482
 Ion Ratio Lower Upper
 152 100
 115 63.7 43.3 129.9
 150 158.7 0.0 345.0

