

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082323\
 Data File : VX037194.D
 Acq On : 23 Aug 2023 19:30
 Operator : JC/MD
 Sample : 04051-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D1-20230816

Quant Time: Aug 24 05:37:34 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)

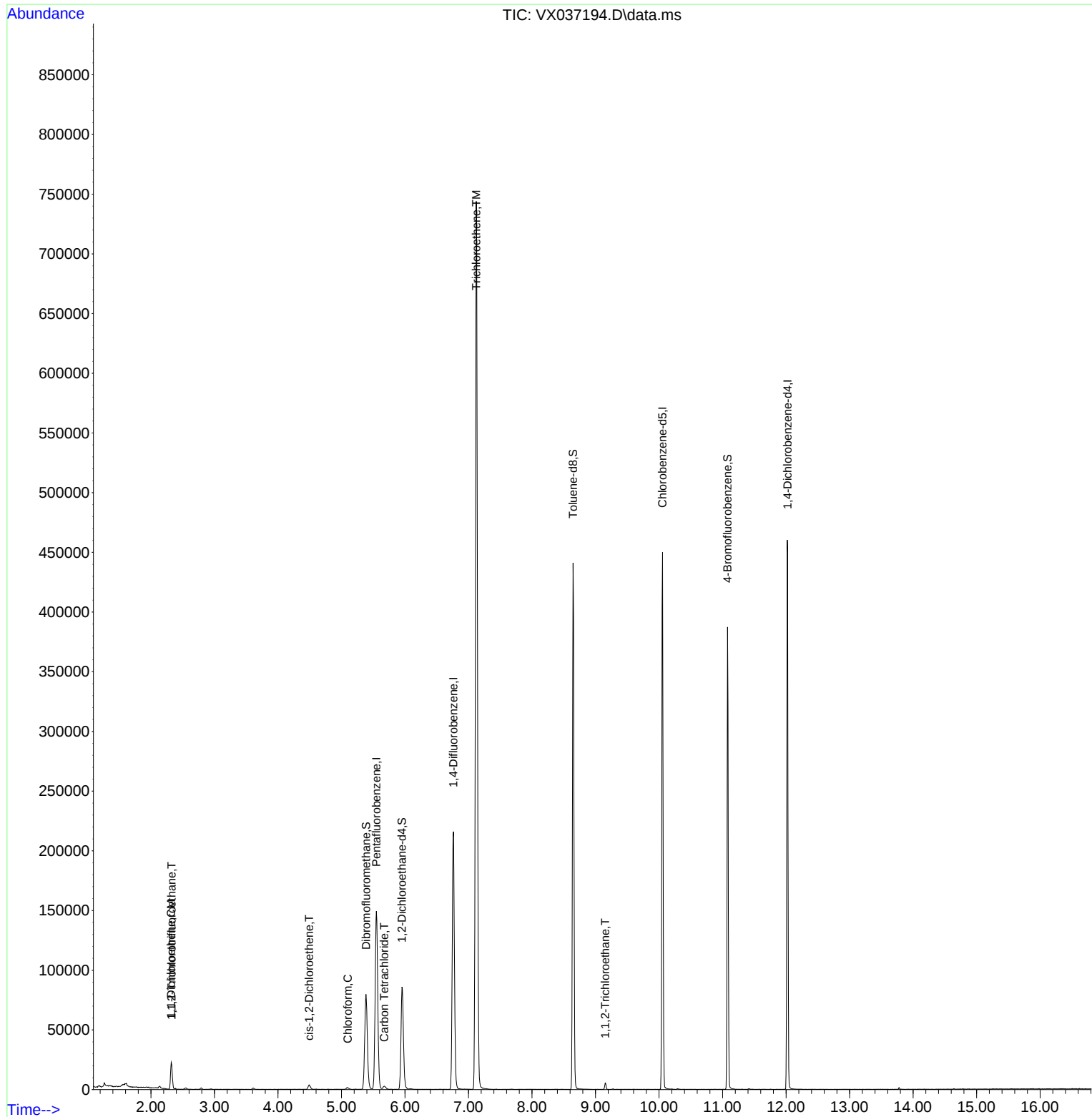
Internal Standards						
1) Pentafluorobenzene	5.550	168	138052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225868	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86852	43.638	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.280%
35) Dibromofluoromethane	5.385	113	70018	46.808	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.620%
50) Toluene-d8	8.647	98	266370	49.091	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.180%
62) 4-Bromofluorobenzene	11.079	95	103695	48.629	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.260%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	5156	3.533	ug/l	91
12) 1,1-Dichloroethene	2.319	96	3963	2.789	ug/l #	75
27) cis-1,2-Dichloroethene	4.489	96	2500	1.313	ug/l	84
30) Chloroform	5.099	83	1966	0.619	ug/l	92
38) Carbon Tetrachloride	5.672	117	2367	1.025	ug/l	90
44) Trichloroethene	7.123	130	290244	167.935	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	1587	0.968	ug/l	96

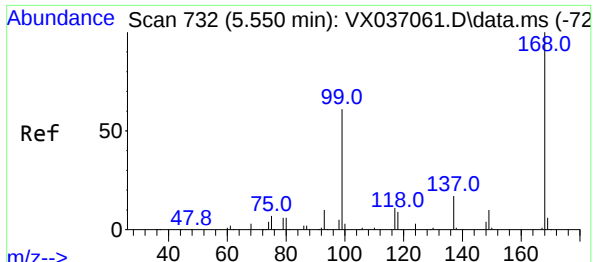
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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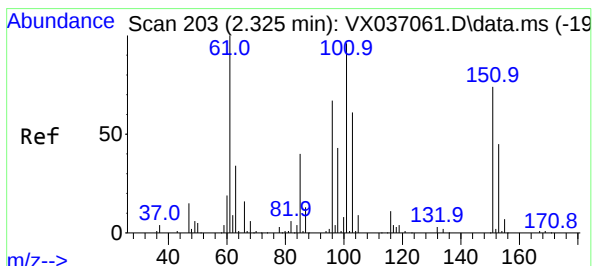
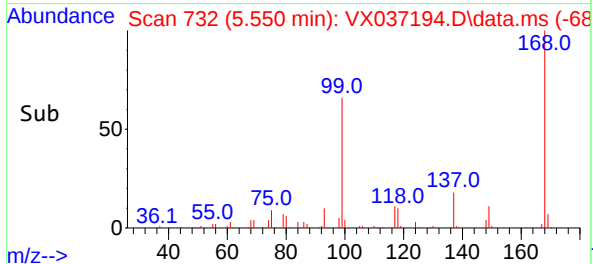
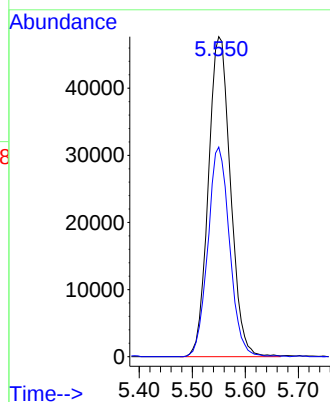
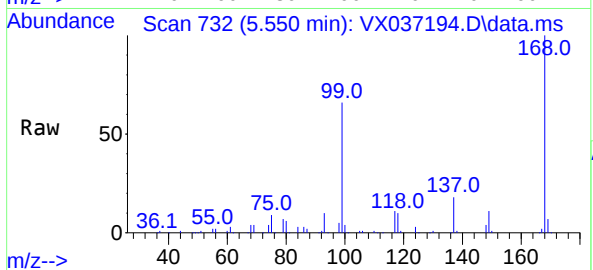




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037194.D
Acq: 23 Aug 2023 19:30

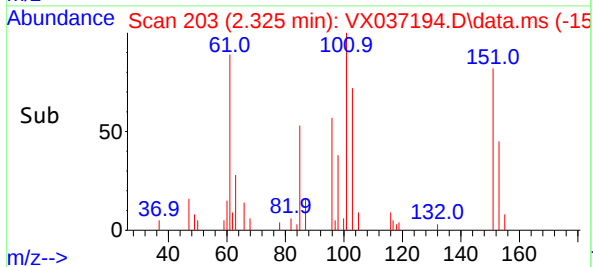
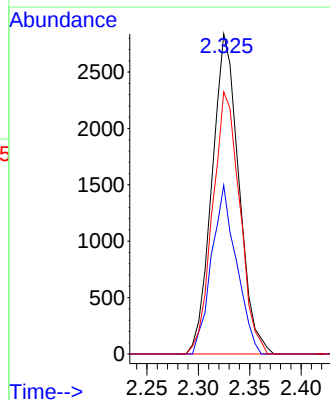
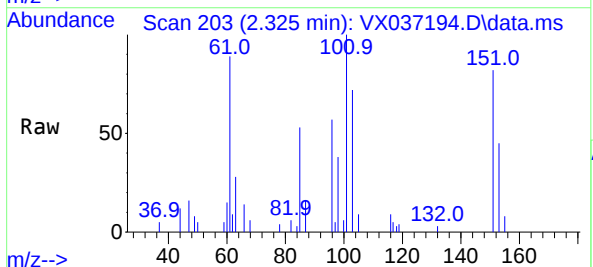
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20230816

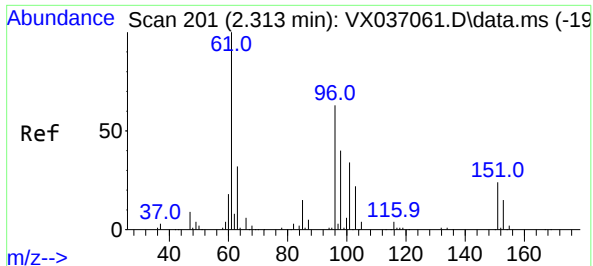
Tgt Ion:168 Resp: 138052
Ion Ratio Lower Upper
168 100
99 65.5 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.533 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037194.D
Acq: 23 Aug 2023 19:30

Tgt Ion:101 Resp: 5156
Ion Ratio Lower Upper
101 100
85 48.9 37.0 55.6
151 82.8 58.6 87.8

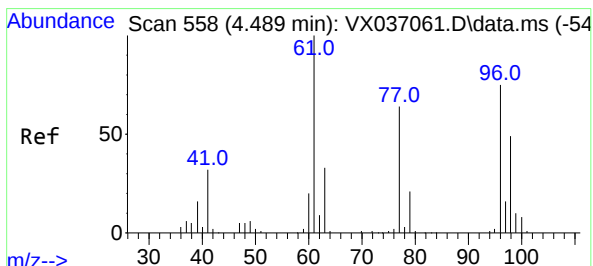
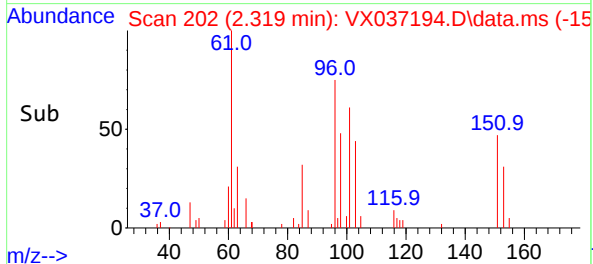
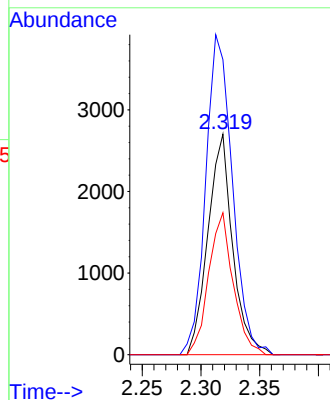
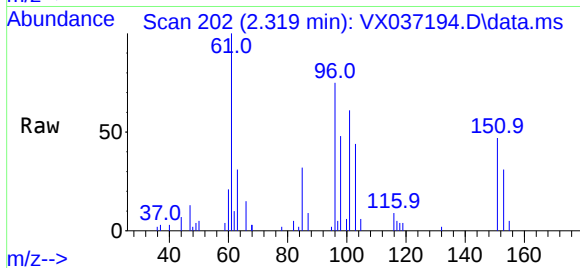




#12
1,1-Dichloroethene
Concen: 2.789 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX037194.D
Acq: 23 Aug 2023 19:30

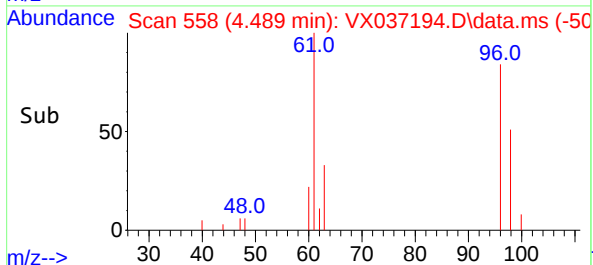
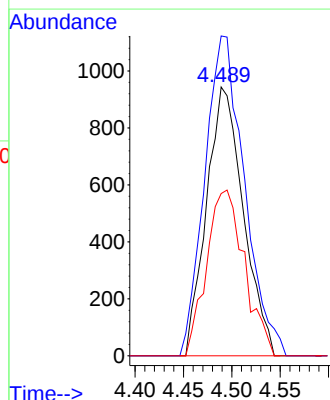
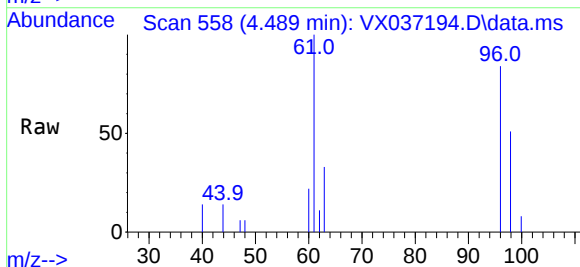
Instrument :
MSVOA_X
ClientSampleId :
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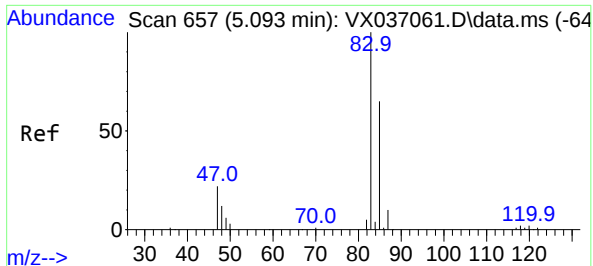
Tgt Ion: 96 Resp: 3963
Ion Ratio Lower Upper
96 100
61 133.8 144.6 216.8#
98 64.4 50.4 75.6



#27
cis-1,2-Dichloroethene
Concen: 1.313 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX037194.D
Acq: 23 Aug 2023 19:30

Tgt Ion: 96 Resp: 2500
Ion Ratio Lower Upper
96 100
61 128.1 0.0 312.2
98 63.4 0.0 129.0





#30

Chloroform

Concen: 0.619 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX037194.D

Acq: 23 Aug 2023 19:30

Instrument :

MSVOA_X

ClientSampleId :

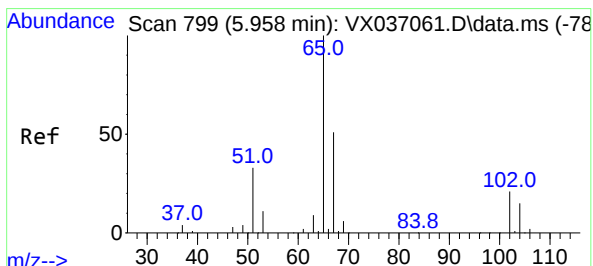
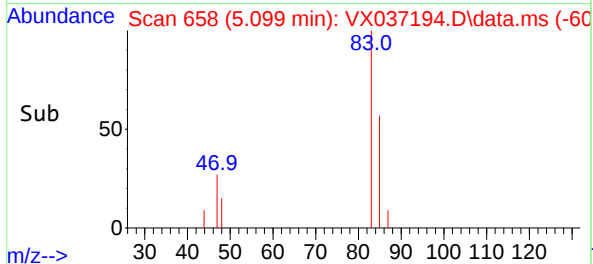
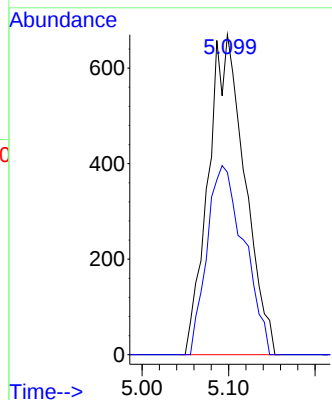
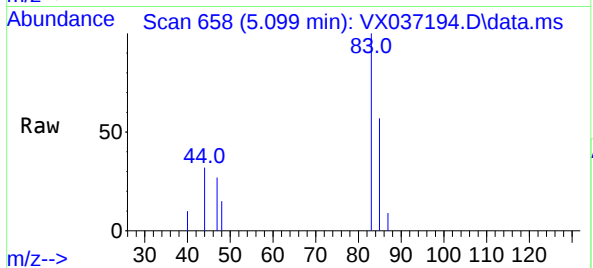
RE139D1-20230816

Tgt Ion: 83 Resp: 1966

Ion Ratio Lower Upper

83 100

85 57.0 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 43.638 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX037194.D

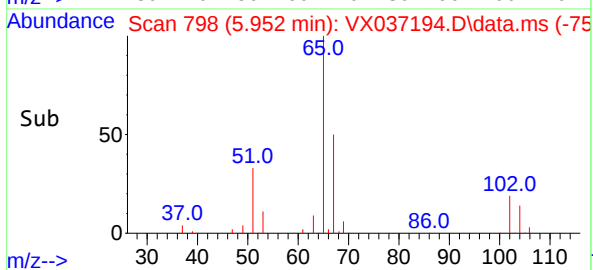
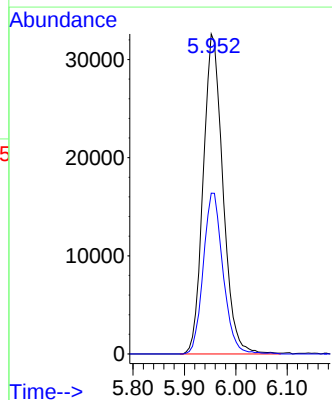
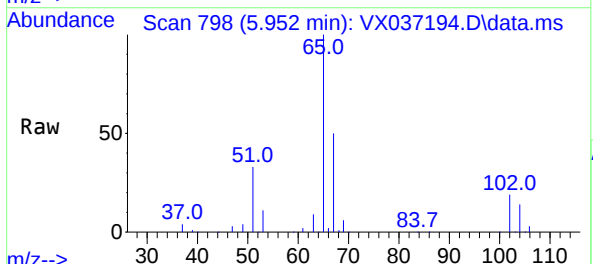
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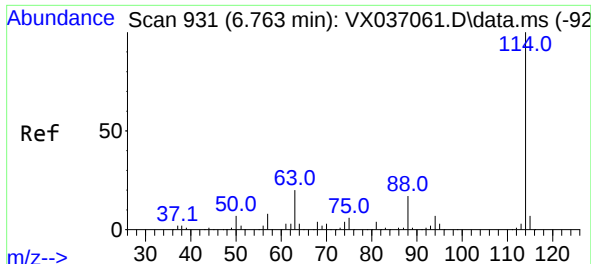
Tgt Ion: 65 Resp: 86852

Ion Ratio Lower Upper

65 100

67 50.3 0.0 100.2

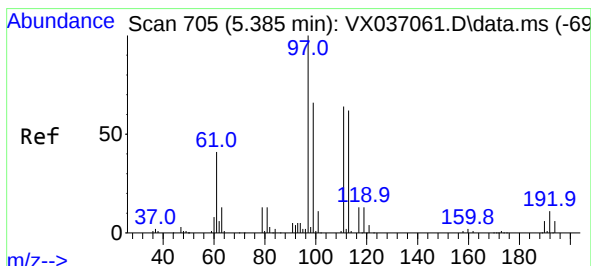
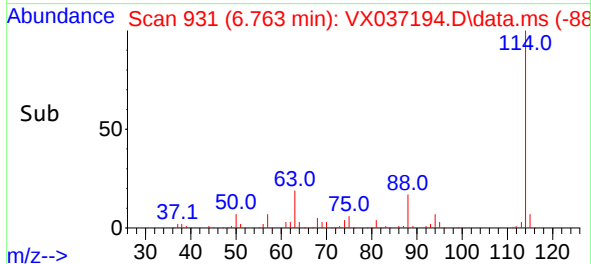
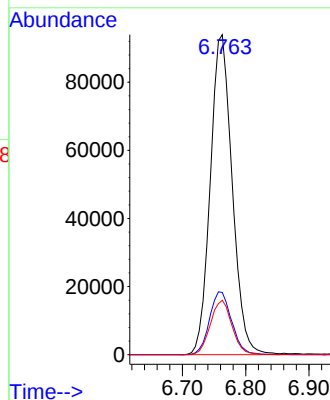
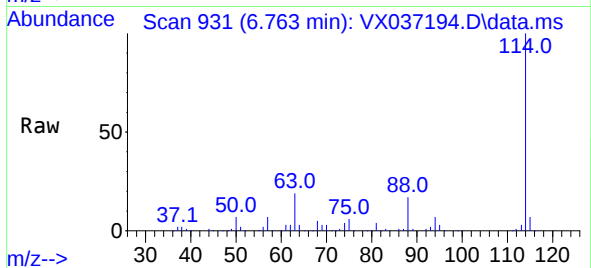




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037194.D
Acq: 23 Aug 2023 19:30

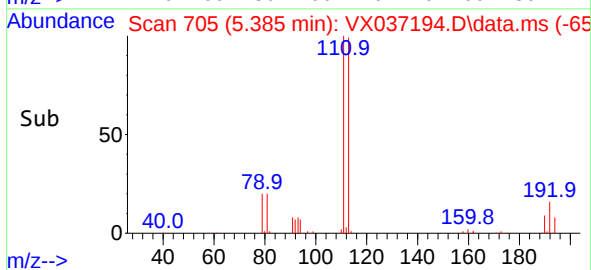
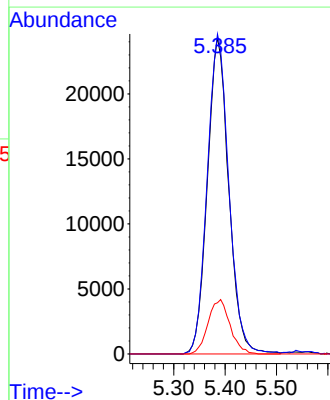
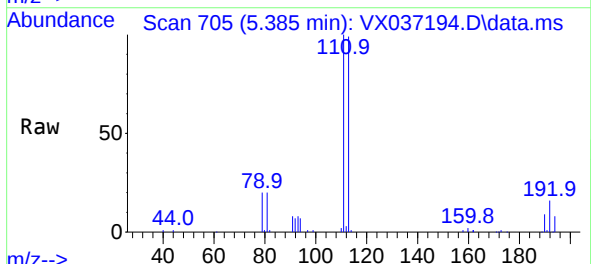
Instrument :
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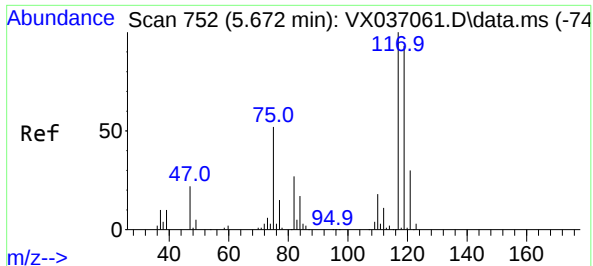
Tgt Ion:114 Resp: 225868
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.808 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037194.D
Acq: 23 Aug 2023 19:30

Tgt Ion:113 Resp: 70018
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 17.7 13.3 19.9

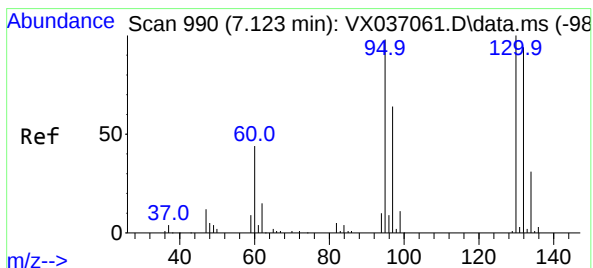
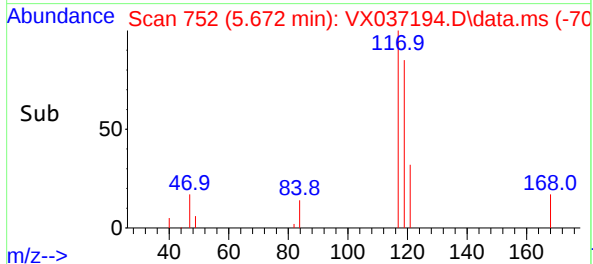
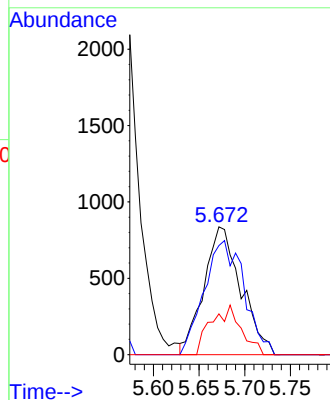
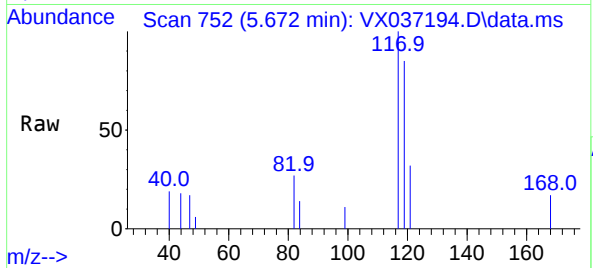




#38
Carbon Tetrachloride
Concen: 1.025 ug/l
RT: 5.672 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX037194.D
Acq: 23 Aug 2023 19:30

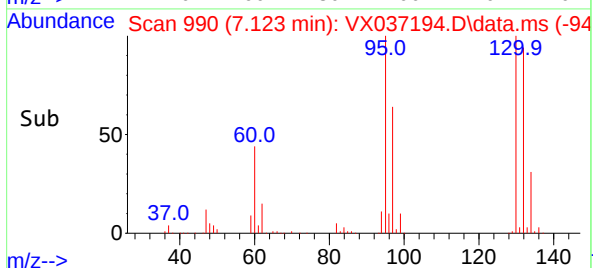
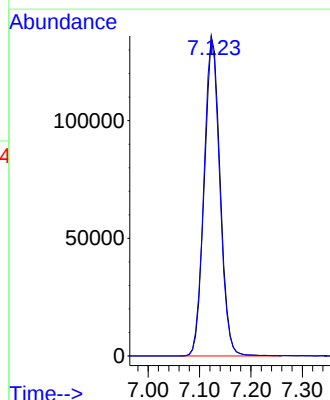
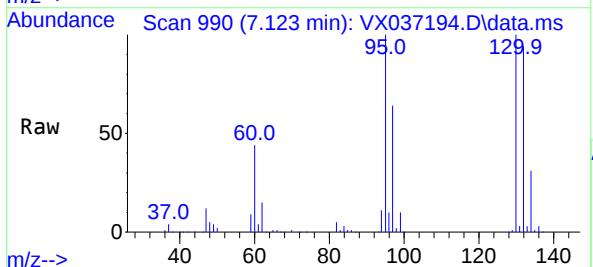
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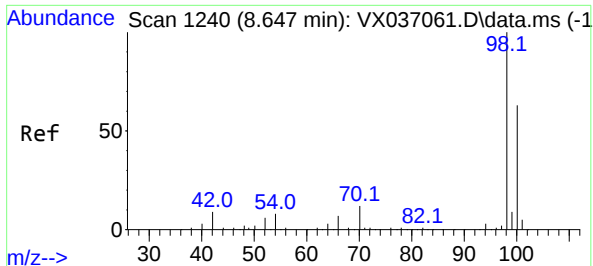
Tgt Ion:117 Resp: 2367
Ion Ratio Lower Upper
117 100
119 85.3 78.2 117.2
121 31.9 24.4 36.6



#44
Trichloroethene
Concen: 167.935 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037194.D
Acq: 23 Aug 2023 19:30

Tgt Ion:130 Resp: 290244
Ion Ratio Lower Upper
130 100
95 99.6 0.0 204.4

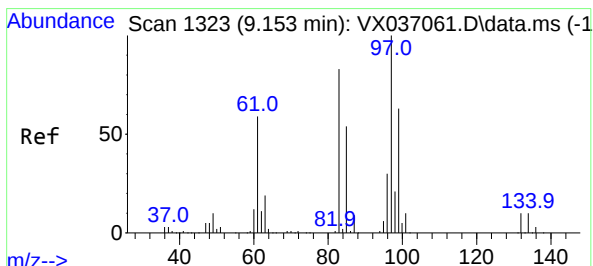
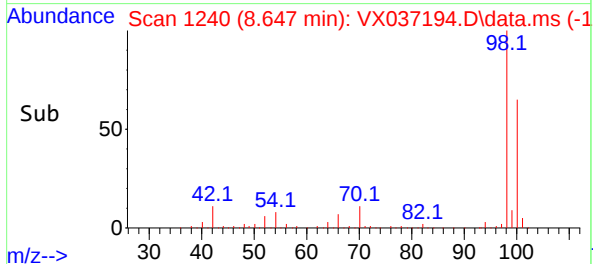
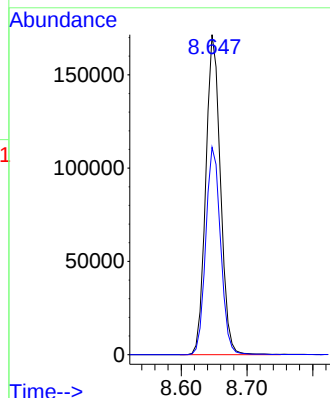
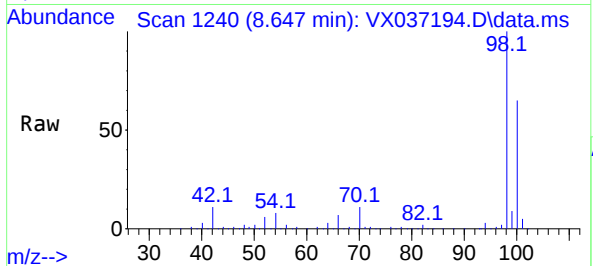




#50
Toluene-d8
Concen: 49.091 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037194.D
Acq: 23 Aug 2023 19:30

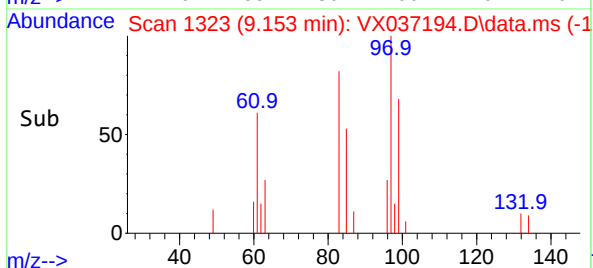
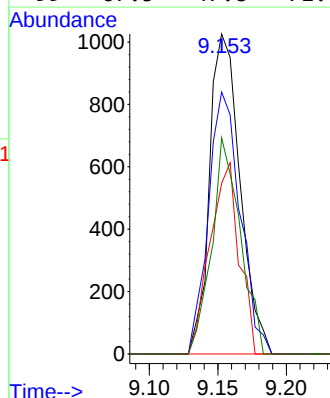
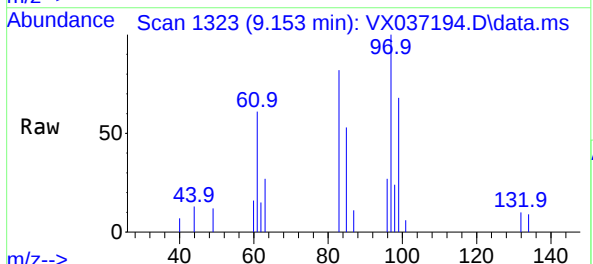
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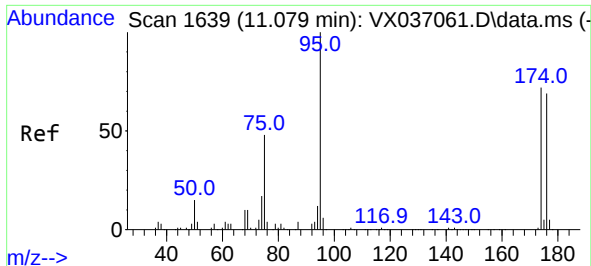
Tgt Ion: 98 Resp: 266370
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7



#55
1,1,2-Trichloroethane
Concen: 0.968 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX037194.D
Acq: 23 Aug 2023 19:30

Tgt Ion: 97 Resp: 1587
Ion Ratio Lower Upper
97 100
83 81.9 65.8 98.8
85 53.3 41.6 62.4
99 67.5 47.8 71.8

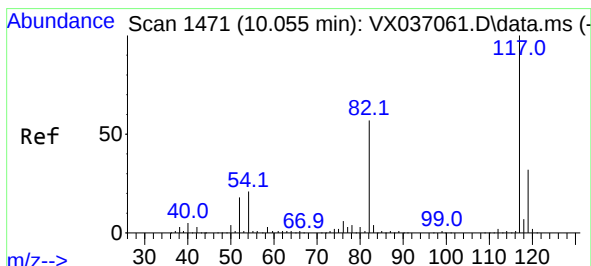
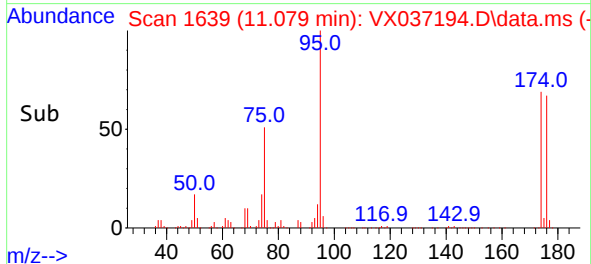
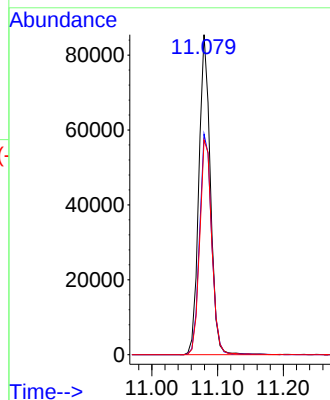
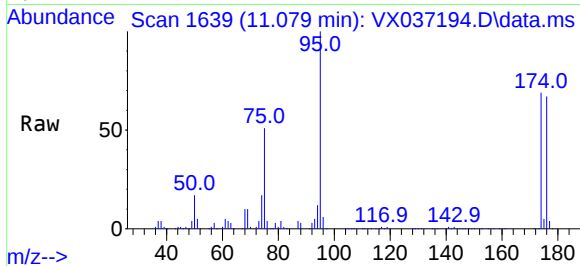




#62
4-Bromofluorobenzene
Concen: 48.629 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037194.D
Acq: 23 Aug 2023 19:30

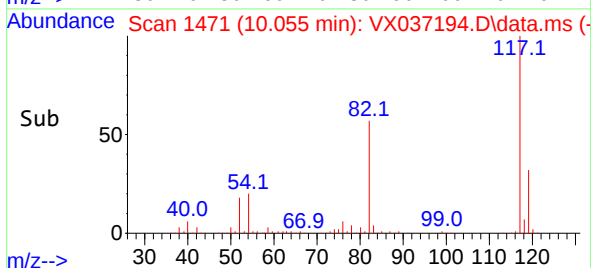
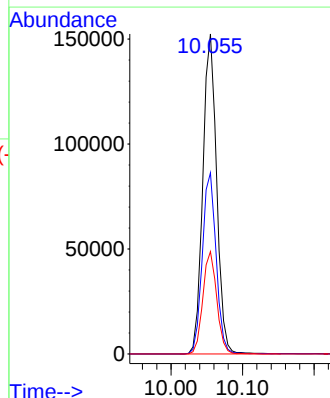
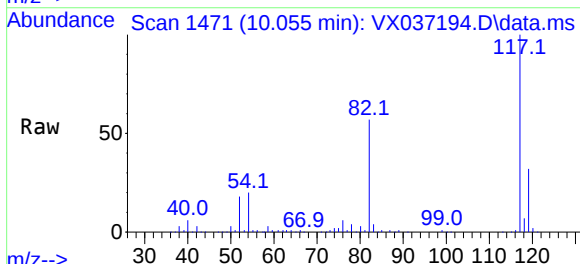
Instrument :
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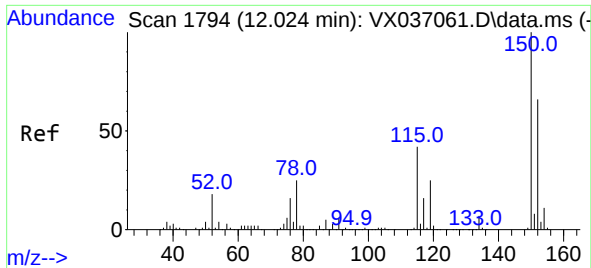
Tgt Ion: 95 Resp: 103695
Ion Ratio Lower Upper
95 100
174 72.3 0.0 135.6
176 70.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037194.D
Acq: 23 Aug 2023 19:30

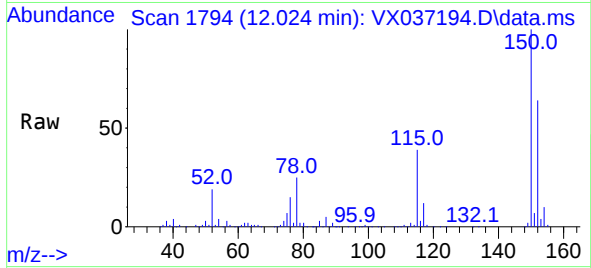
Tgt Ion: 117 Resp: 204661
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 32.0 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037194.D
 Acq: 23 Aug 2023 19:30

Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D1-20230816



Tgt Ion:152 Resp: 95683
 Ion Ratio Lower Upper
 152 100
 115 63.3 43.3 129.9
 150 156.4 0.0 345.0

