

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090723\
 Data File : VX037584.D
 Acq On : 07 Sep 2023 17:28
 Operator : JC/MD
 Sample : 04311-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05-8-090523

Quant Time: Sep 08 00:47:40 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)

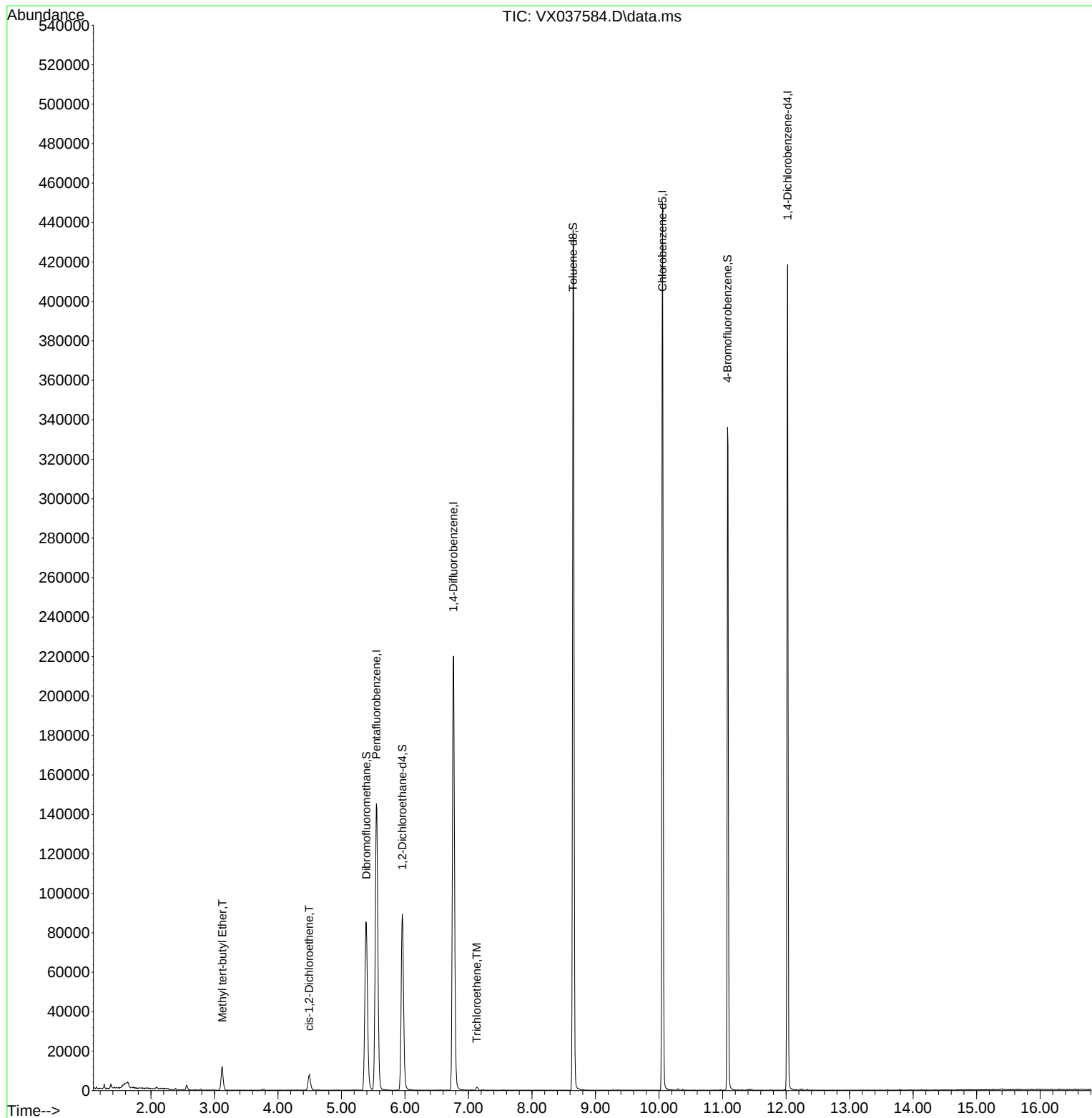
Internal Standards						
1) Pentafluorobenzene	5.550	168	141940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	239347	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86402	42.223	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.440%
35) Dibromofluoromethane	5.391	113	77765	49.059	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.120%
50) Toluene-d8	8.647	98	273291	47.530	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.060%
62) 4-Bromofluorobenzene	11.079	95	98800	43.724	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.440%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.123	73	13765	2.484	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	5612	2.866	ug/l	78
44) Trichloroethene	7.129	130	820	0.448	ug/l	71

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

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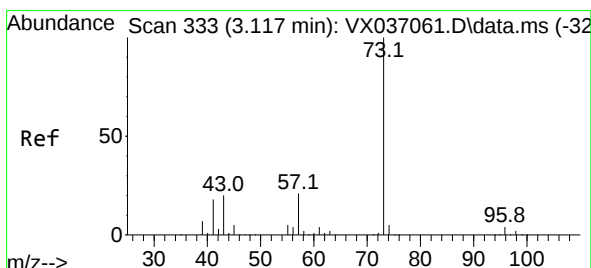
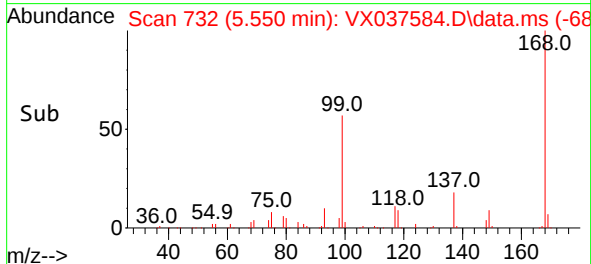
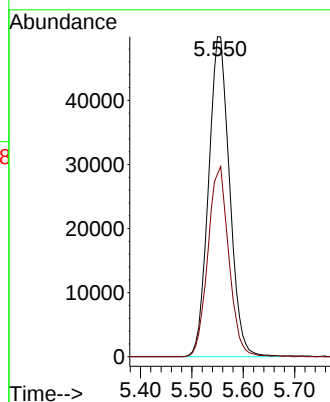
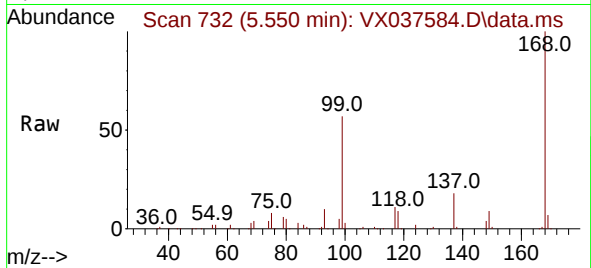




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037584.D
Acq: 07 Sep 2023 17:28

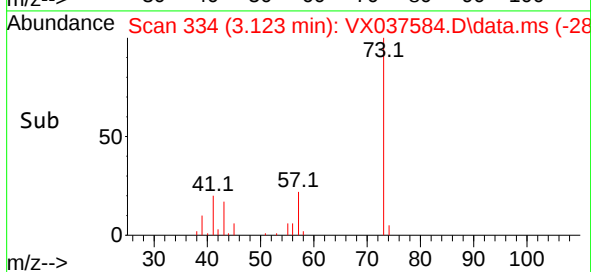
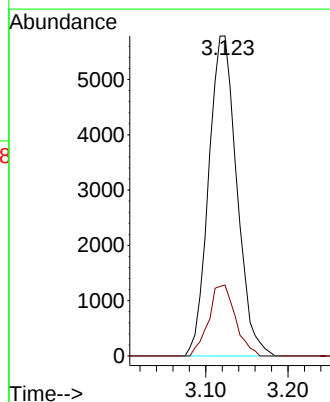
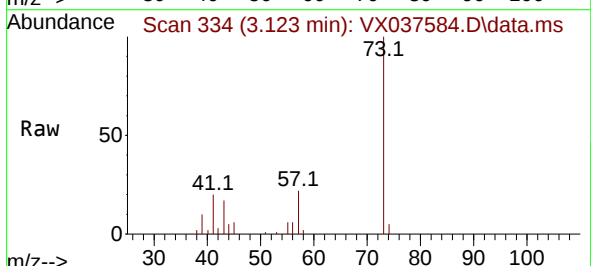
Instrument :
MSVOA_X
ClientSampleId :
MW-05-8-090523

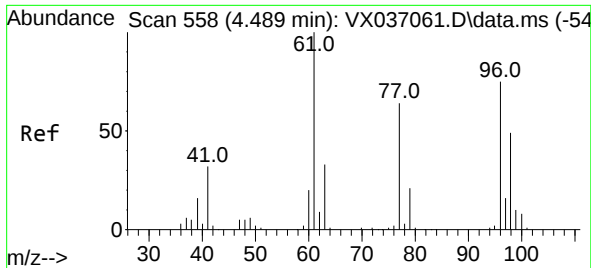
Tgt Ion:168 Resp: 141940
Ion Ratio Lower Upper
168 100
99 57.1 56.6 85.0



#19
Methyl tert-butyl Ether
Concen: 2.484 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX037584.D
Acq: 07 Sep 2023 17:28

Tgt Ion: 73 Resp: 13765
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9





#27

cis-1,2-Dichloroethene

Concen: 2.866 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX037584.D

Acq: 07 Sep 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

MW-05-8-090523

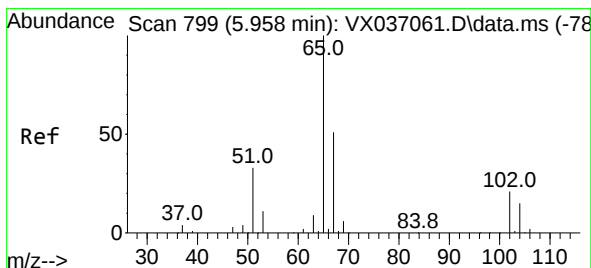
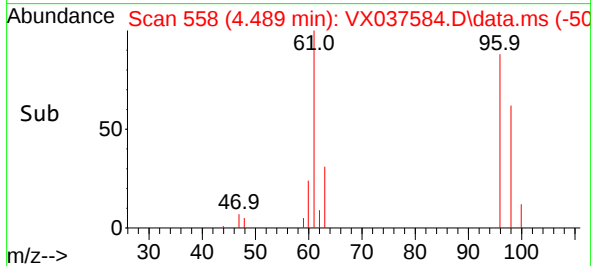
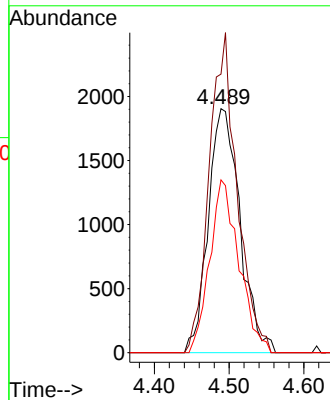
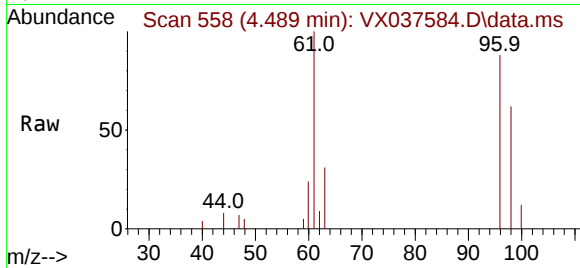
Tgt Ion: 96 Resp: 5612

Ion Ratio Lower Upper

96 100

61 115.4 0.0 312.2

98 65.4 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 42.223 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037584.D

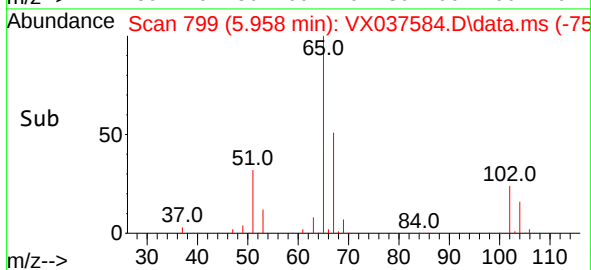
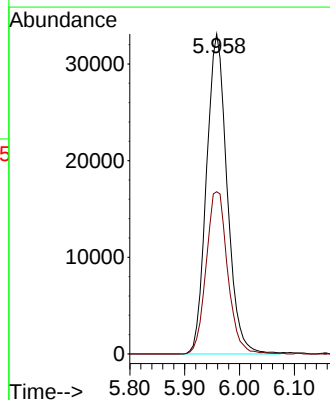
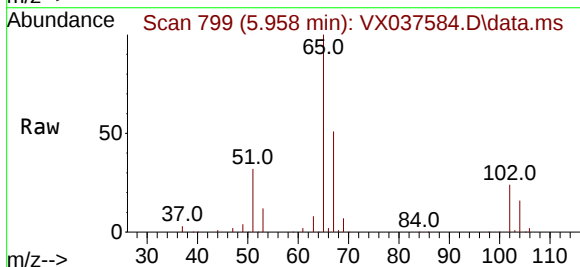
Acq: 07 Sep 2023 17:28

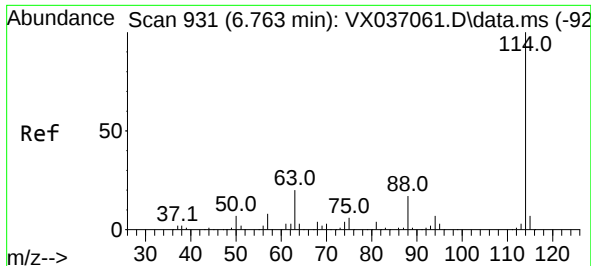
Tgt Ion: 65 Resp: 86402

Ion Ratio Lower Upper

65 100

67 52.8 0.0 100.2

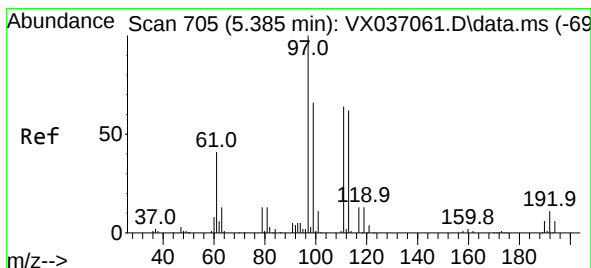
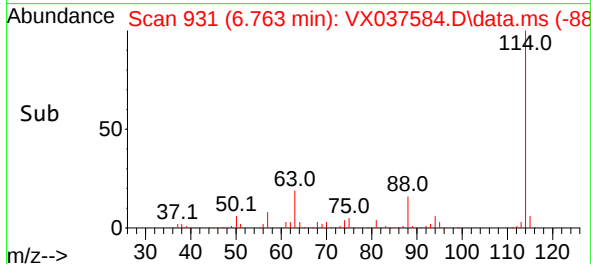
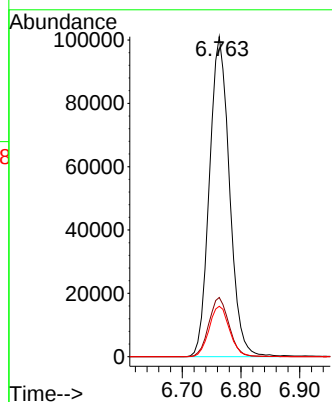
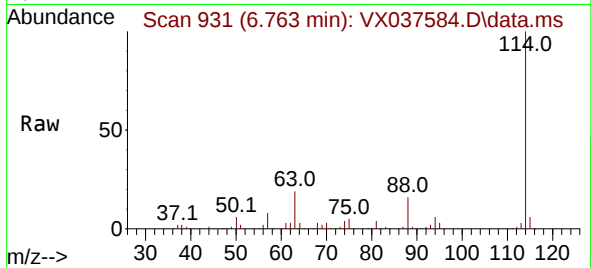




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX037584.D
 Acq: 07 Sep 2023 17:28

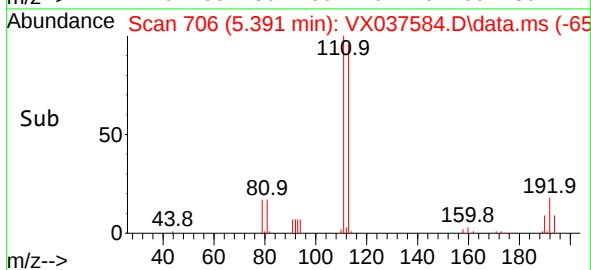
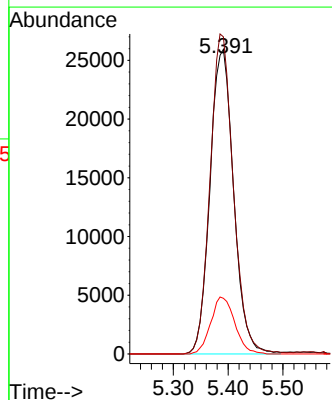
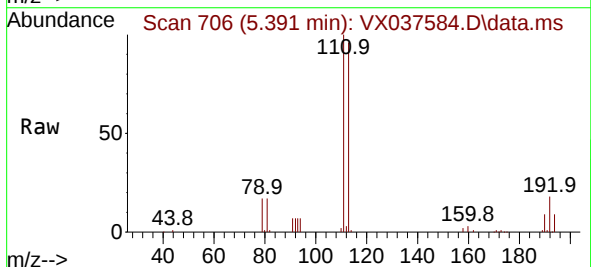
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05-8-090523

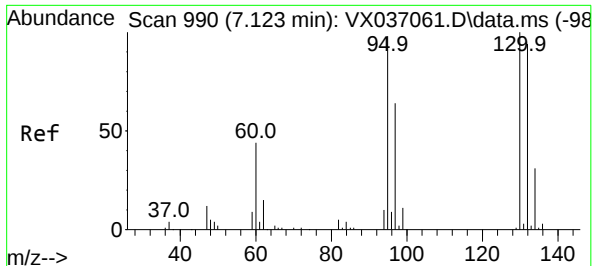
Tgt Ion:114 Resp: 239347
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 45.0
 88 15.8 0.0 36.6



#35
 Dibromofluoromethane
 Concen: 49.059 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.006 min
 Lab File: VX037584.D
 Acq: 07 Sep 2023 17:28

Tgt Ion:113 Resp: 77765
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.9 124.3
 192 19.0 13.3 19.9





#44

Trichloroethene

Concen: 0.448 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037584.D

Acq: 07 Sep 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

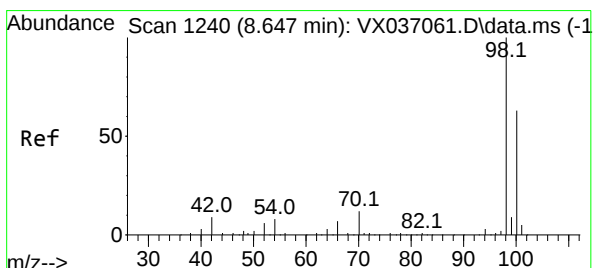
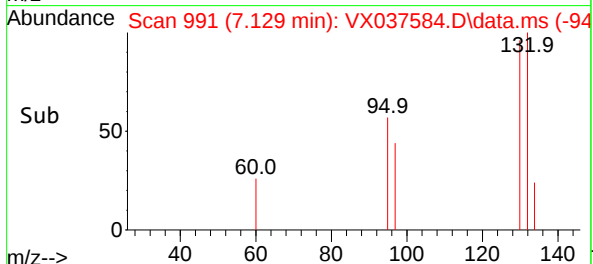
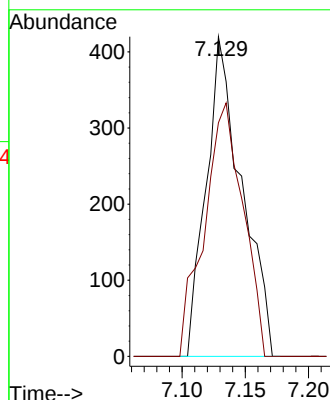
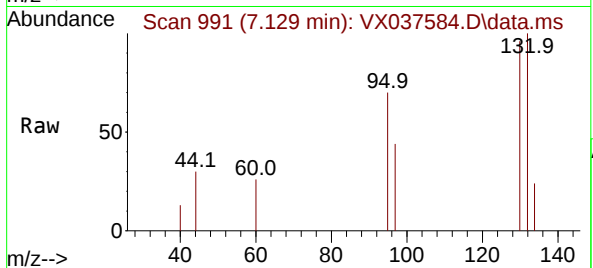
MW-05-8-090523

Tgt Ion:130 Resp: 820

Ion Ratio Lower Upper

130 100

95 73.1 0.0 204.4



#50

Toluene-d8

Concen: 47.530 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037584.D

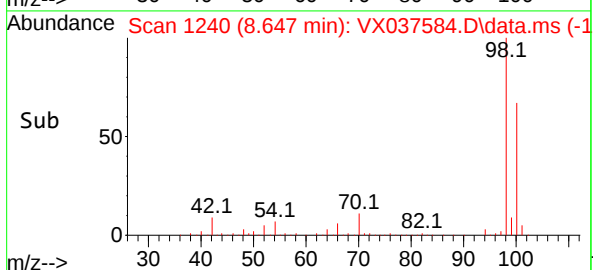
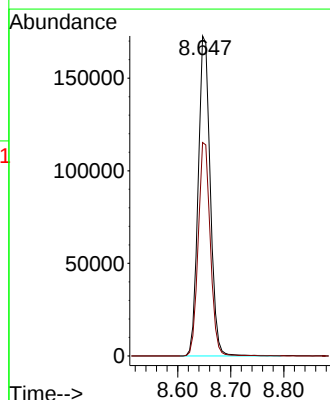
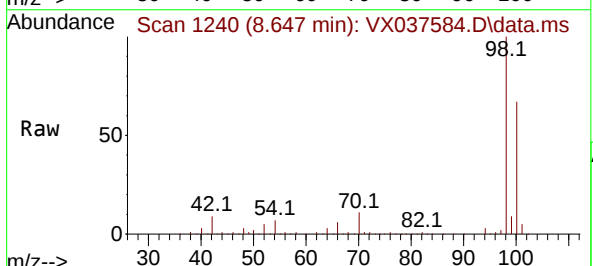
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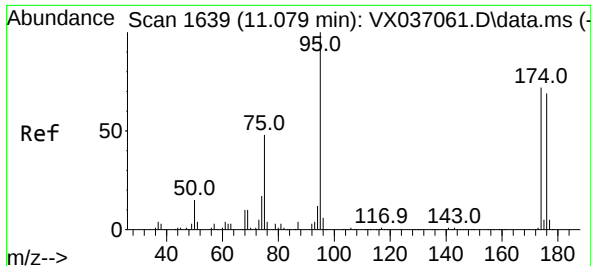
Tgt Ion: 98 Resp: 273291

Ion Ratio Lower Upper

98 100

100 66.6 53.1 79.7

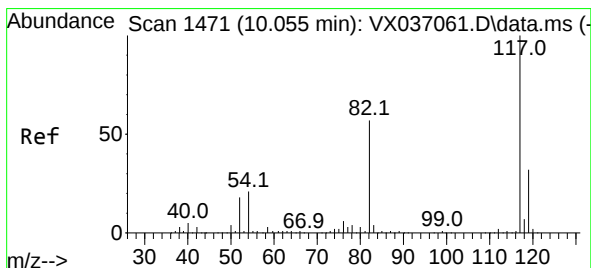
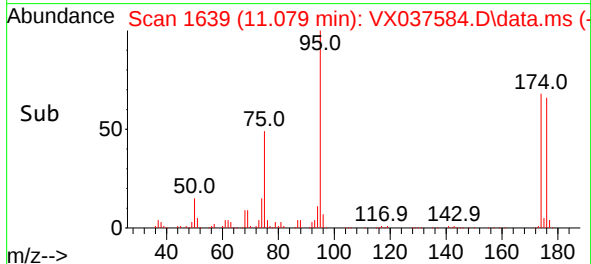
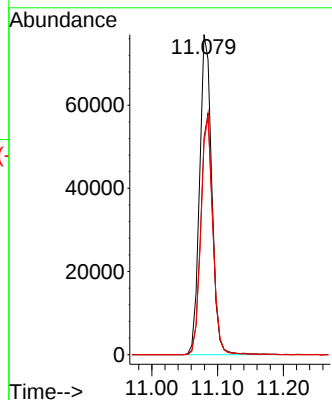
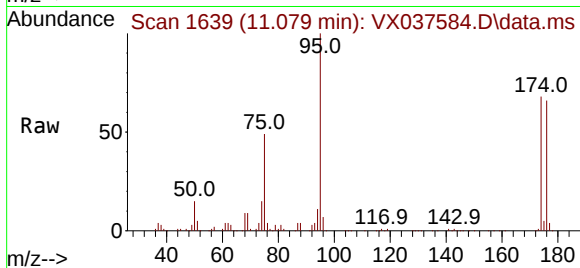




#62
4-Bromofluorobenzene
Concen: 43.724 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037584.D
Acq: 07 Sep 2023 17:28

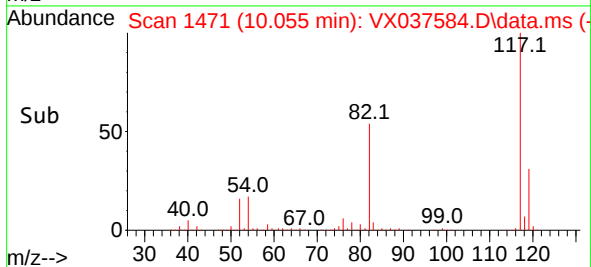
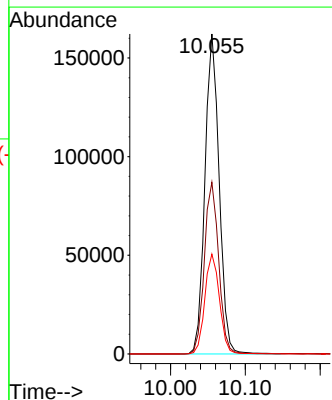
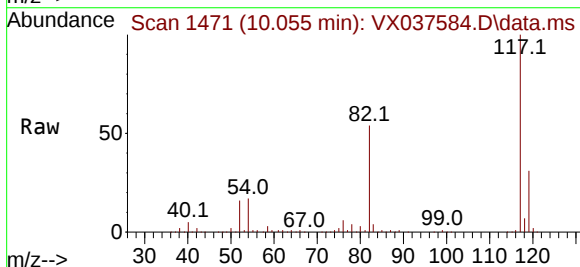
Instrument :
MSVOA_X
ClientSampleId :
MW-05-8-090523

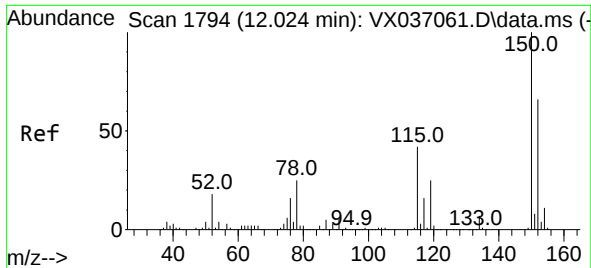
Tgt Ion: 95 Resp: 98800
Ion Ratio Lower Upper
95 100
174 74.4 0.0 135.6
176 73.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037584.D
Acq: 07 Sep 2023 17:28

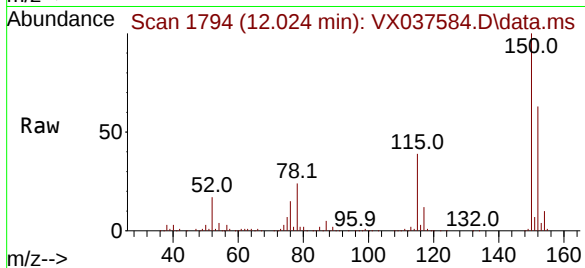
Tgt Ion: 117 Resp: 214475
Ion Ratio Lower Upper
117 100
82 53.7 46.2 69.4
119 31.2 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037584.D
 Acq: 07 Sep 2023 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05-8-090523



Tgt Ion:152 Resp: 89254
 Ion Ratio Lower Upper
 152 100
 115 62.1 43.3 129.9
 150 157.8 0.0 345.0

