

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090623\
 Data File : VX037548.D
 Acq On : 06 Sep 2023 12:32
 Operator : JC/MD
 Sample : 04220-01 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW1R

Quant Time: Sep 06 22:45:09 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)

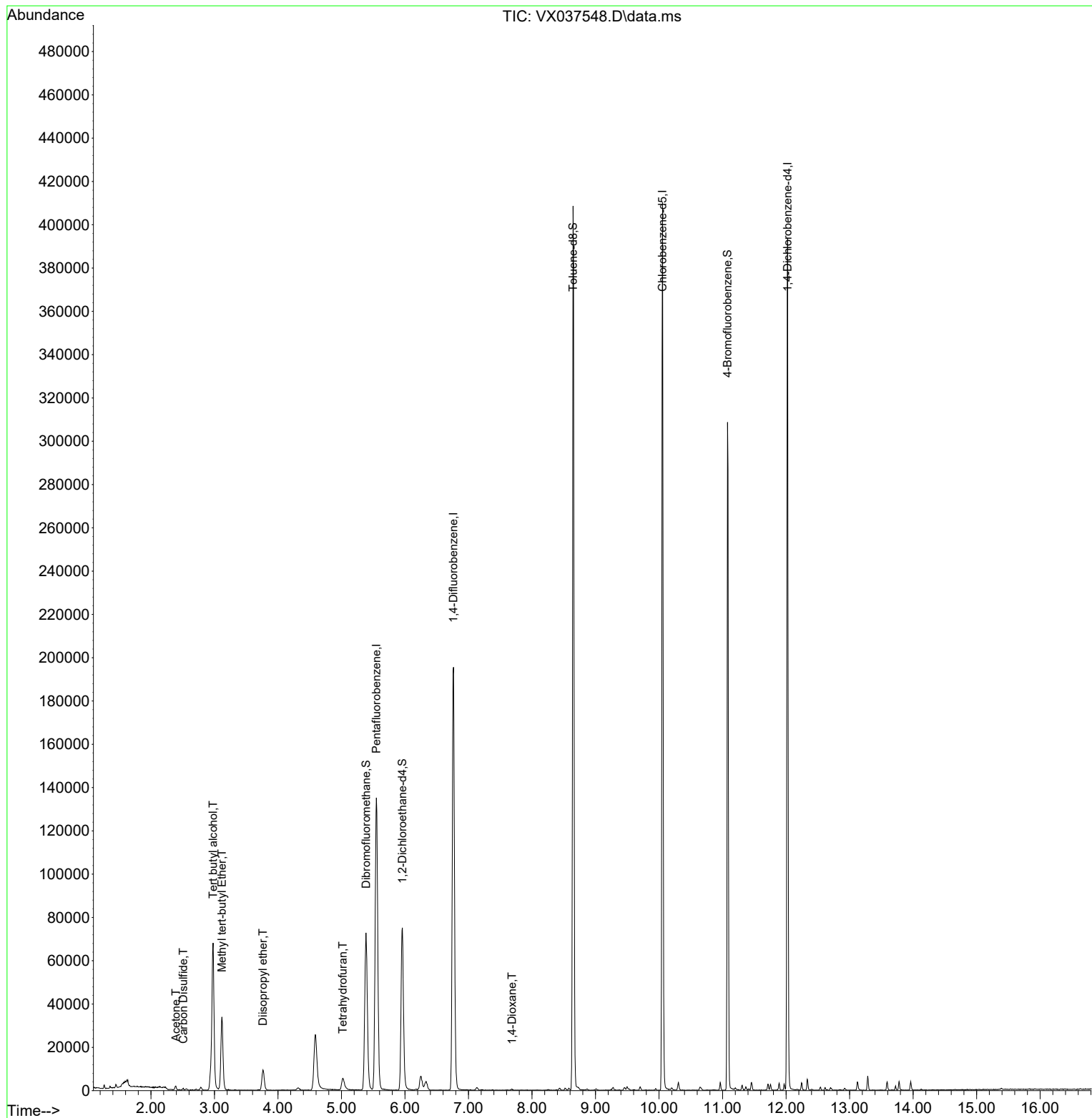
Internal Standards						
1) Pentafluorobenzene	5.550	168	130338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216446	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73867	39.311	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	78.620%
35) Dibromofluoromethane	5.385	113	65186	45.474	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.940%
50) Toluene-d8	8.647	98	251642	48.395	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.800%
62) 4-Bromofluorobenzene	11.079	95	90735	44.403	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.800%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	88999	201.911	ug/l #	94
16) Acetone	2.392	43	1993	2.711	ug/l #	86
17) Carbon Disulfide	2.507	76	855	0.251	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	40038	7.868	ug/l	97
22) Diisopropyl ether	3.763	45	10205	2.395	ug/l #	69
29) Tetrahydrofuran	5.019	42	5126	7.262	ug/l #	83
49) 1,4-Dioxane	7.683	88	473	10.904	ug/l #	67

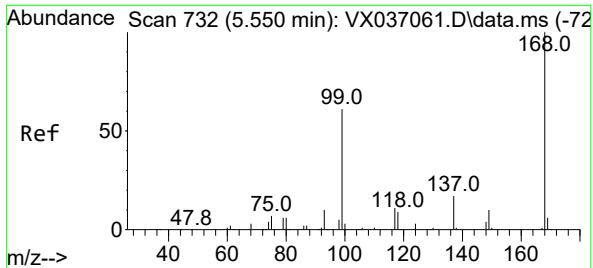
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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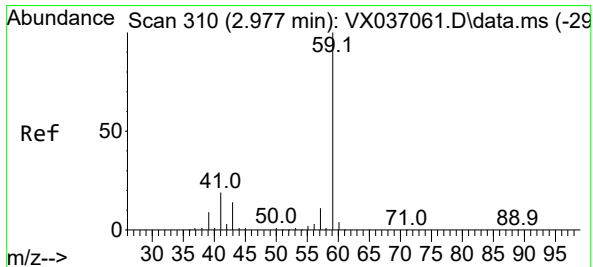
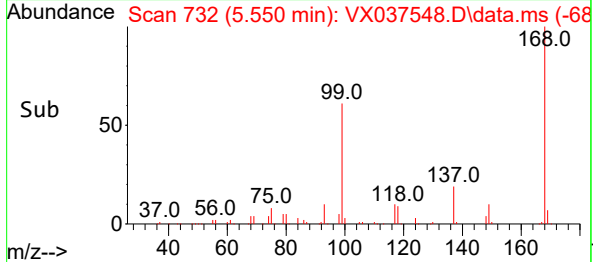
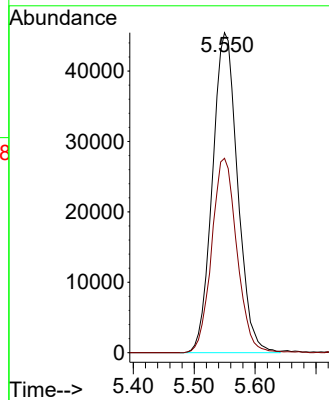
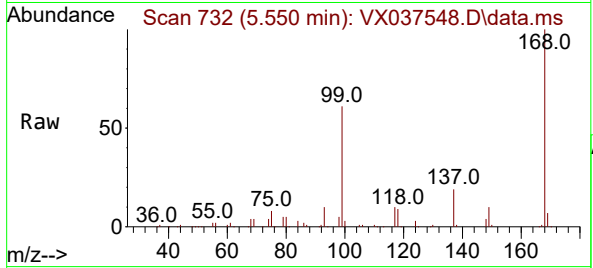




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037548.D
Acq: 06 Sep 2023 12:32

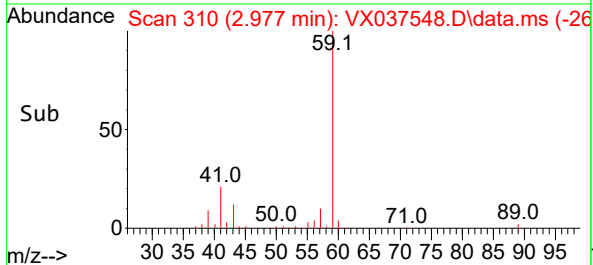
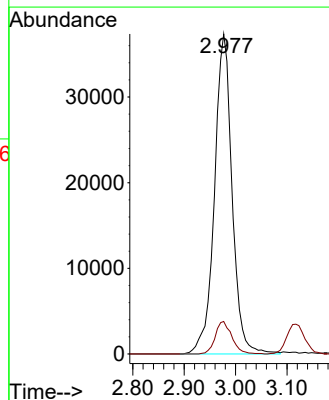
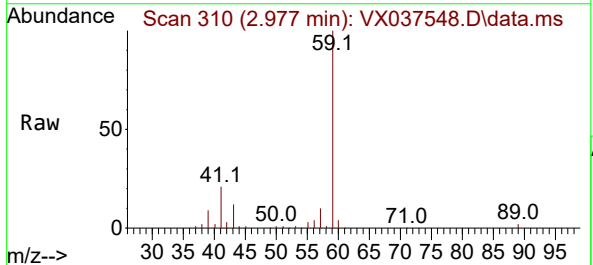
Instrument :
MSVOA_X
ClientSampleId :
MW1R

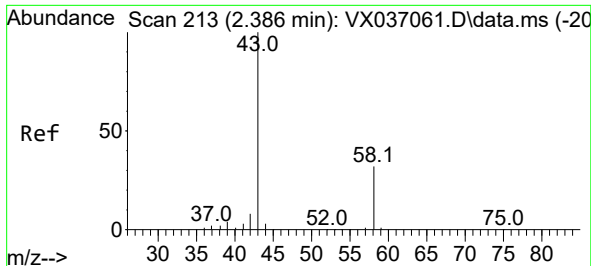
Tgt Ion:168 Resp: 130338
Ion Ratio Lower Upper
168 100
99 60.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 201.911 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.000 min
Lab File: VX037548.D
Acq: 06 Sep 2023 12:32

Tgt Ion: 59 Resp: 88999
Ion Ratio Lower Upper
59 100
57 9.6 6.0 9.0#

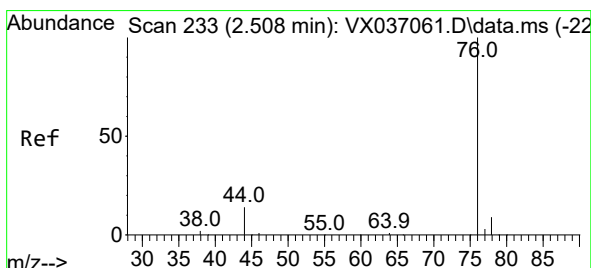
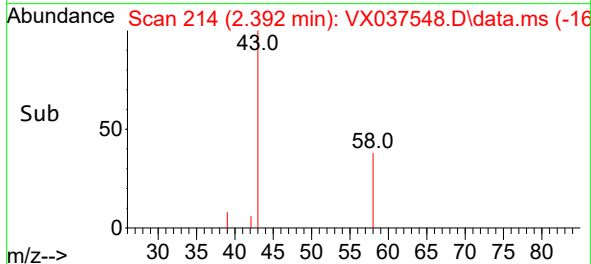
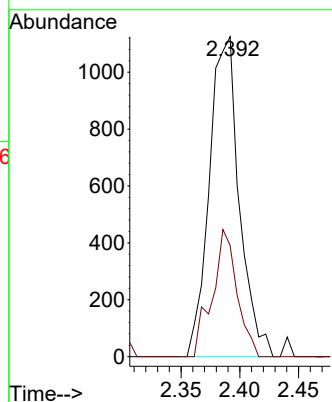
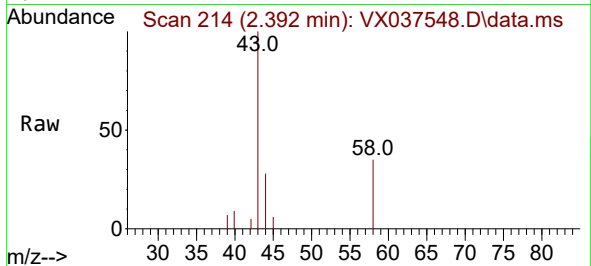




#16
Acetone
Concen: 2.711 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX037548.D
Acq: 06 Sep 2023 12:32

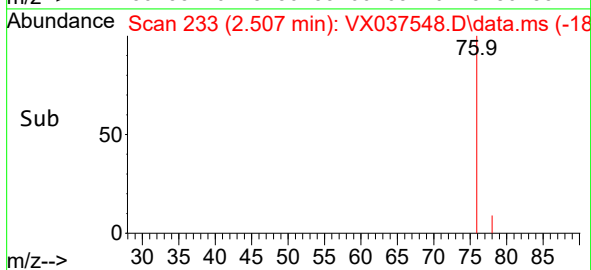
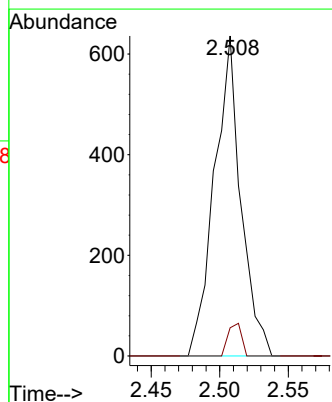
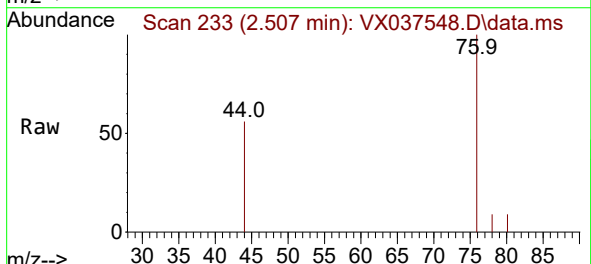
Instrument :
MSVOA_X
ClientSampleId :
MW1R

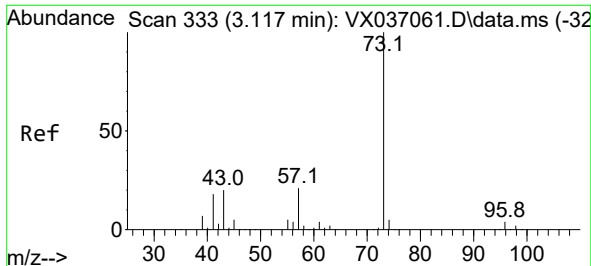
Tgt Ion: 43 Resp: 1993
Ion Ratio Lower Upper
43 100
58 34.8 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.251 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX037548.D
Acq: 06 Sep 2023 12:32

Tgt Ion: 76 Resp: 855
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

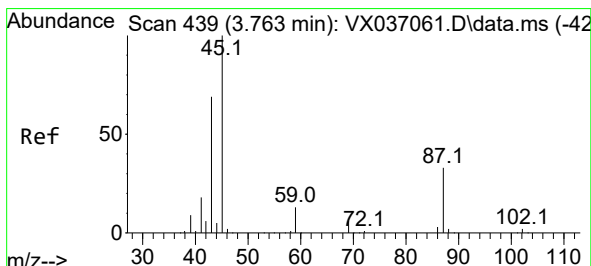
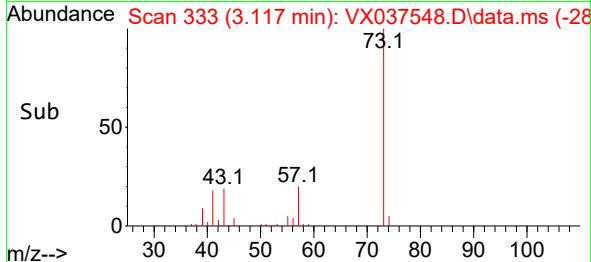
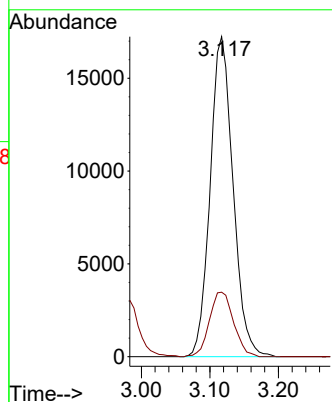
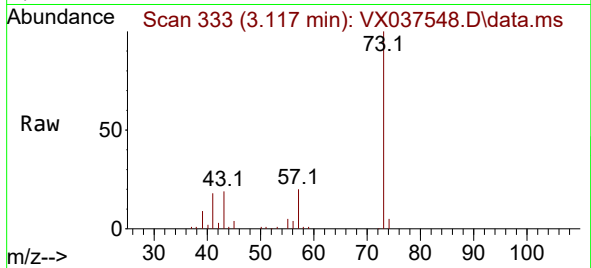




#19
Methyl tert-butyl Ether
Concen: 7.868 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX037548.D
Acq: 06 Sep 2023 12:32

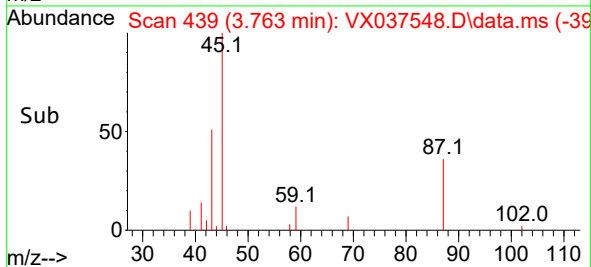
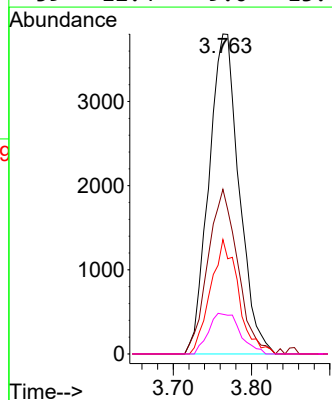
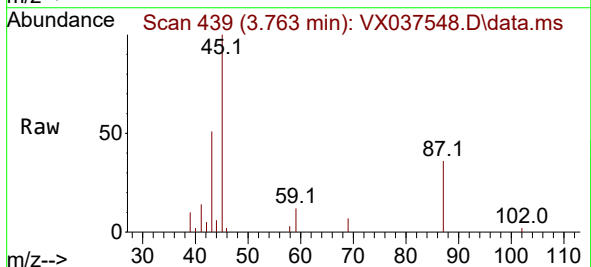
Instrument :
MSVOA_X
ClientSampleId :
MW1R

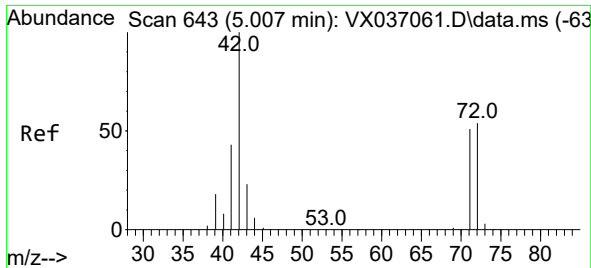
Tgt Ion: 73 Resp: 40038
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9



#22
Diisopropyl ether
Concen: 2.395 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX037548.D
Acq: 06 Sep 2023 12:32

Tgt Ion: 45 Resp: 10205
Ion Ratio Lower Upper
45 100
43 51.4 69.7 104.5#
87 35.7 20.8 31.2#
59 12.4 9.0 13.4





#29

Tetrahydrofuran

Concen: 7.262 ug/l

RT: 5.019 min Scan# 643

Delta R.T. 0.012 min

Lab File: VX037548.D

Acq: 06 Sep 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

MW1R

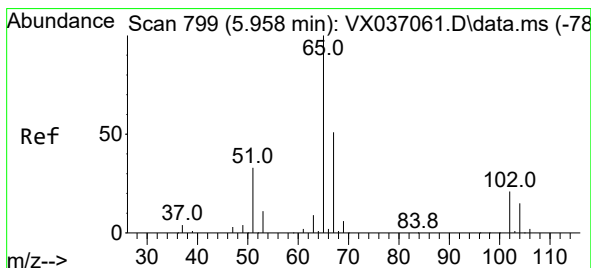
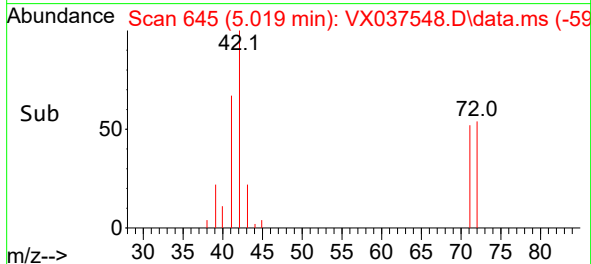
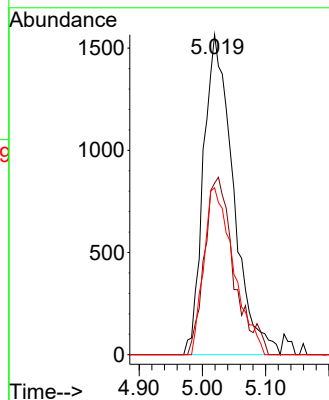
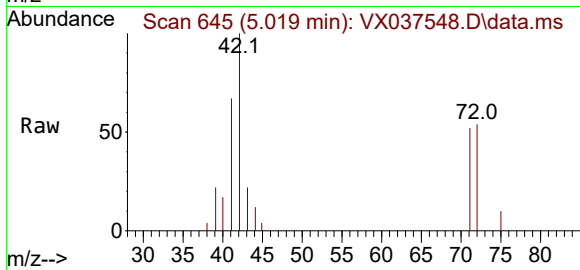
Tgt Ion: 42 Resp: 5126

Ion Ratio Lower Upper

42 100

72 52.3 34.2 51.4#

71 52.0 32.2 48.2#



#33

1,2-Dichloroethane-d4

Concen: 39.311 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037548.D

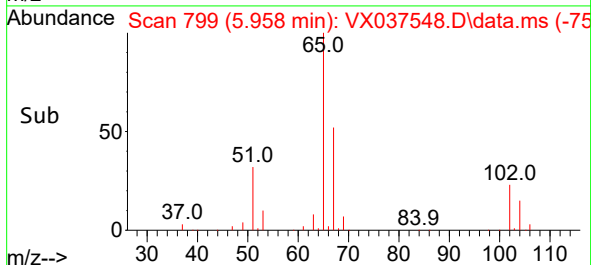
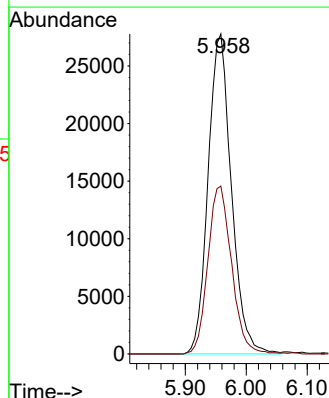
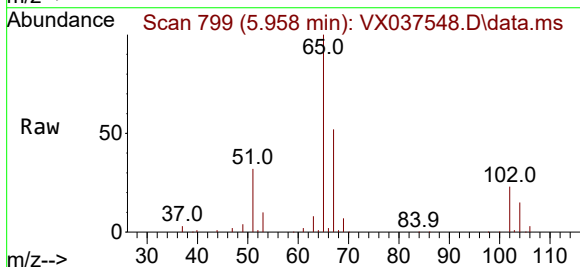
Acq: 06 Sep 2023 12:32

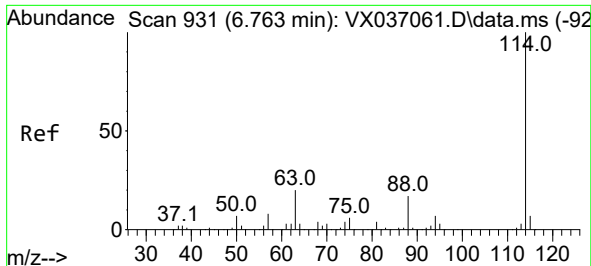
Tgt Ion: 65 Resp: 73867

Ion Ratio Lower Upper

65 100

67 53.4 0.0 100.2

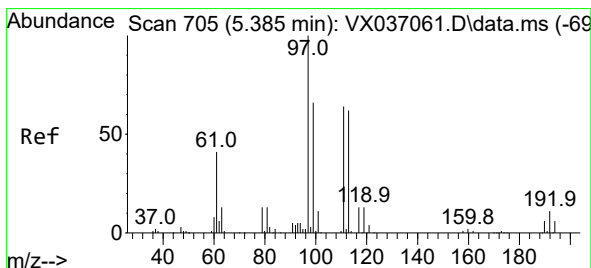
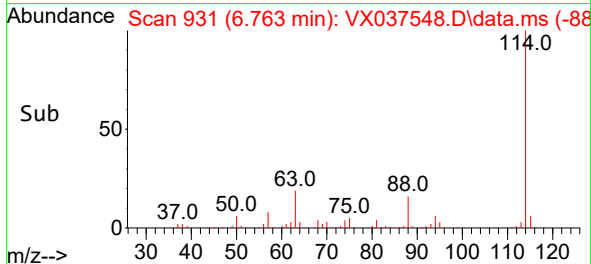
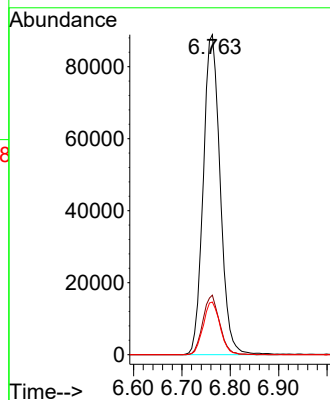
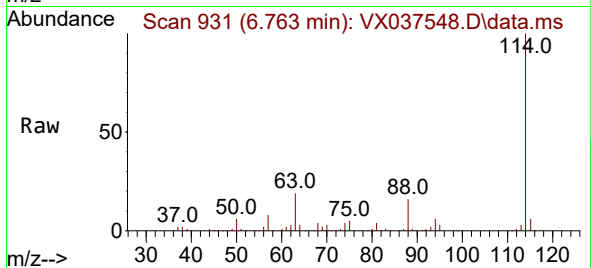




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037548.D
Acq: 06 Sep 2023 12:32

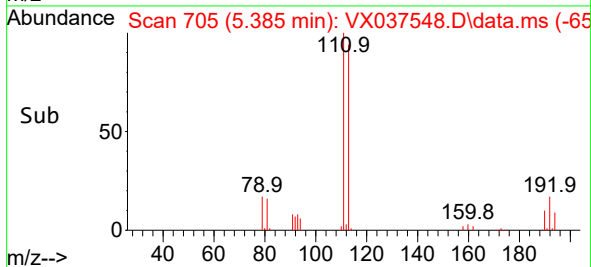
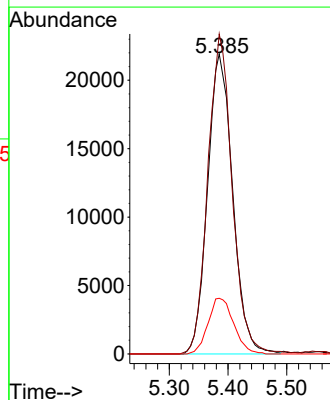
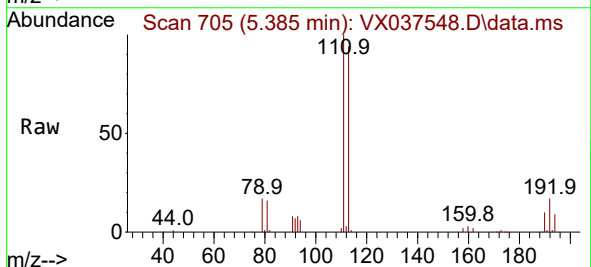
Instrument :
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ClientSampleId :
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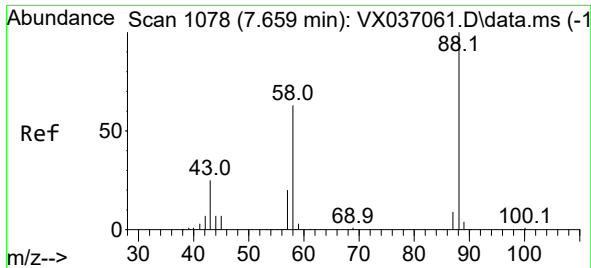
Tgt Ion:114 Resp: 216446
Ion Ratio Lower Upper
114 100
63 18.6 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.474 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037548.D
Acq: 06 Sep 2023 12:32

Tgt Ion:113 Resp: 65186
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 18.9 13.3 19.9

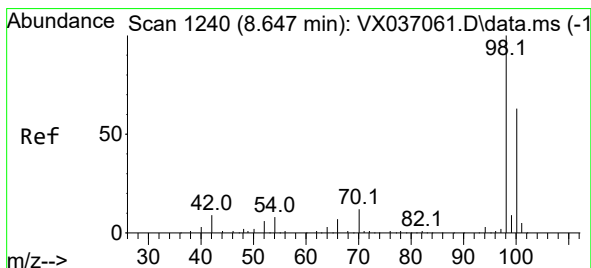
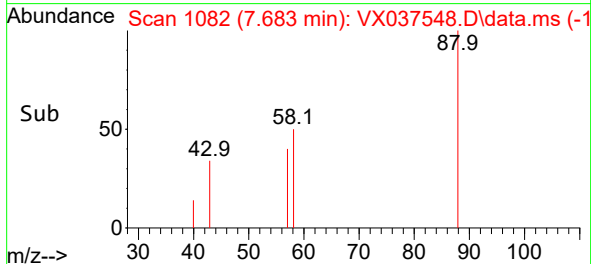
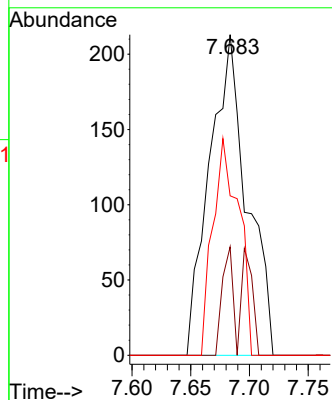
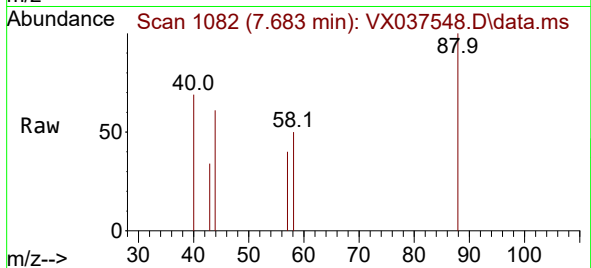




#49
1,4-Dioxane
Concen: 10.904 ug/l
RT: 7.683 min Scan# 1078
Delta R.T. 0.024 min
Lab File: VX037548.D
Acq: 06 Sep 2023 12:32

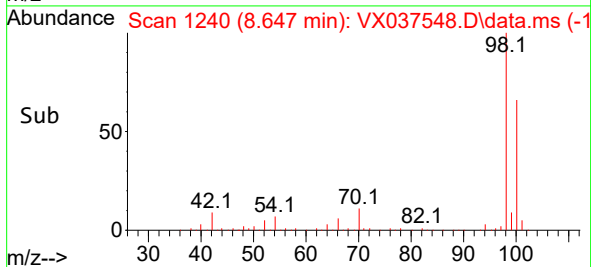
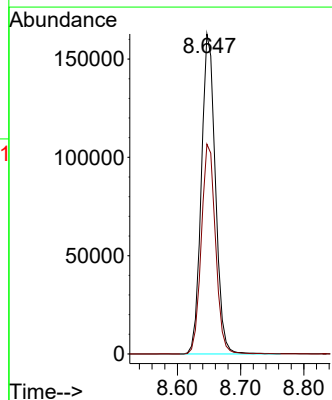
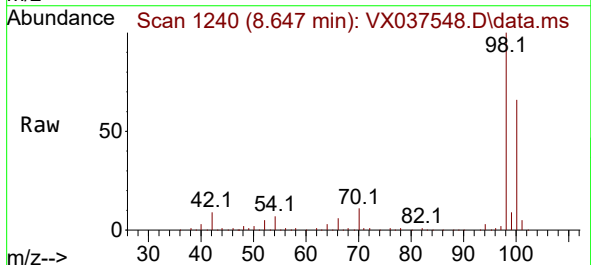
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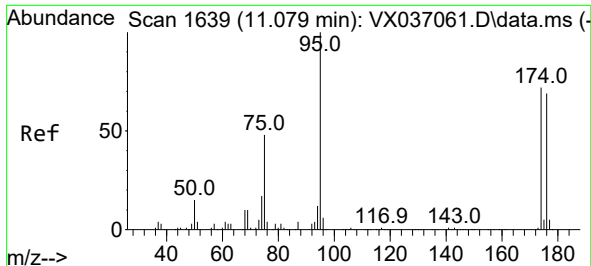
Tgt Ion: 88 Resp: 473
Ion Ratio Lower Upper
88 100
43 9.5 0.0 0.0#
58 46.9 60.1 90.1#



#50
Toluene-d8
Concen: 48.395 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037548.D
Acq: 06 Sep 2023 12:32

Tgt Ion: 98 Resp: 251642
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

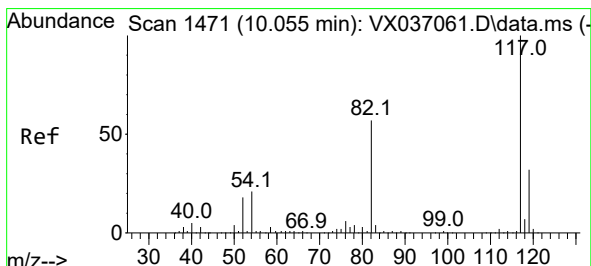
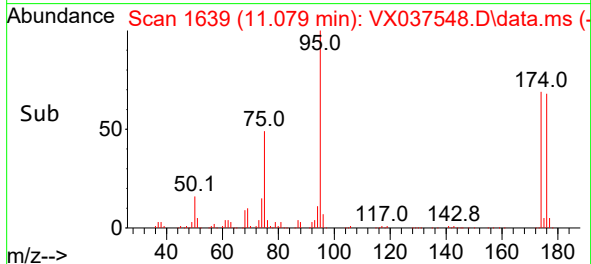
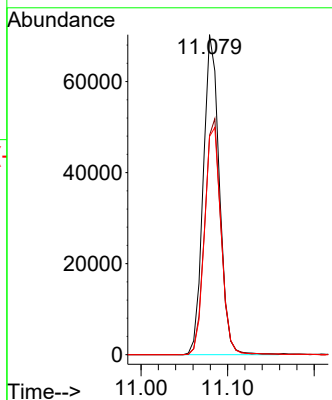
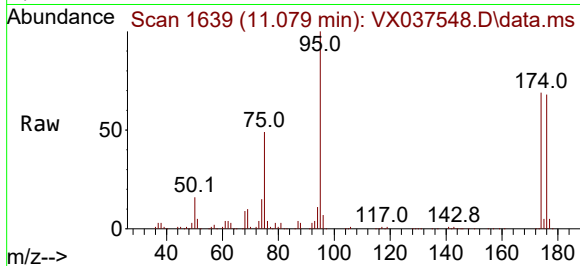




#62
4-Bromofluorobenzene
Concen: 44.403 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037548.D
Acq: 06 Sep 2023 12:32

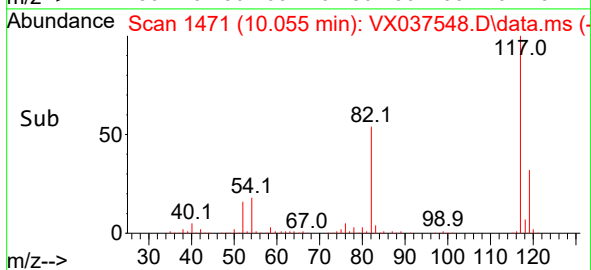
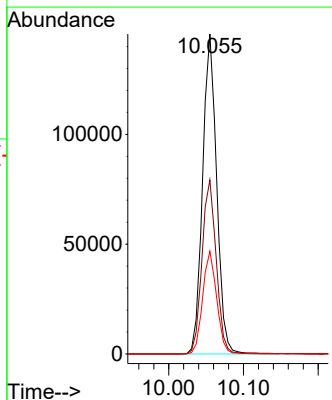
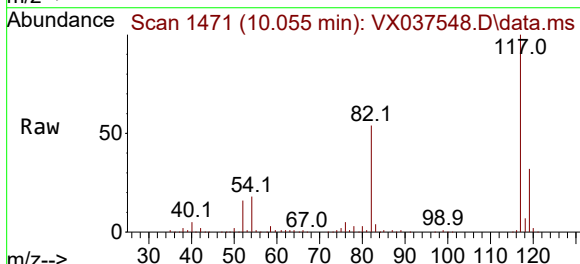
Instrument :
MSVOA_X
ClientSampleId :
MW1R

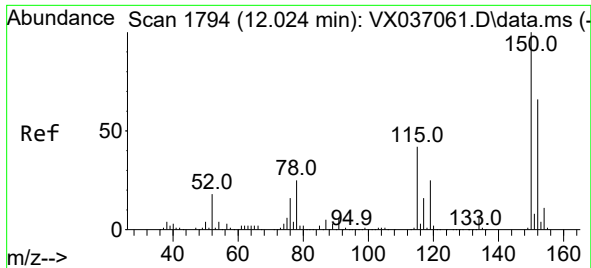
Tgt Ion: 95 Resp: 90735
Ion Ratio Lower Upper
95 100
174 74.7 0.0 135.6
176 73.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037548.D
Acq: 06 Sep 2023 12:32

Tgt Ion: 117 Resp: 190707
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 32.1 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: VX037548.D
 Acq: 06 Sep 2023 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 MW1R

Tgt Ion:152 Resp: 86227
 Ion Ratio Lower Upper
 152 100
 115 62.0 43.3 129.9
 150 157.5 0.0 345.0

