

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111423\
 Data File : VX038809.D
 Acq On : 14 Nov 2023 16:21
 Operator : JC/MD
 Sample : 05379-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-4

Quant Time: Nov 14 16:57:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 14 09:15:55 2023
 Response via : Initial Calibration

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

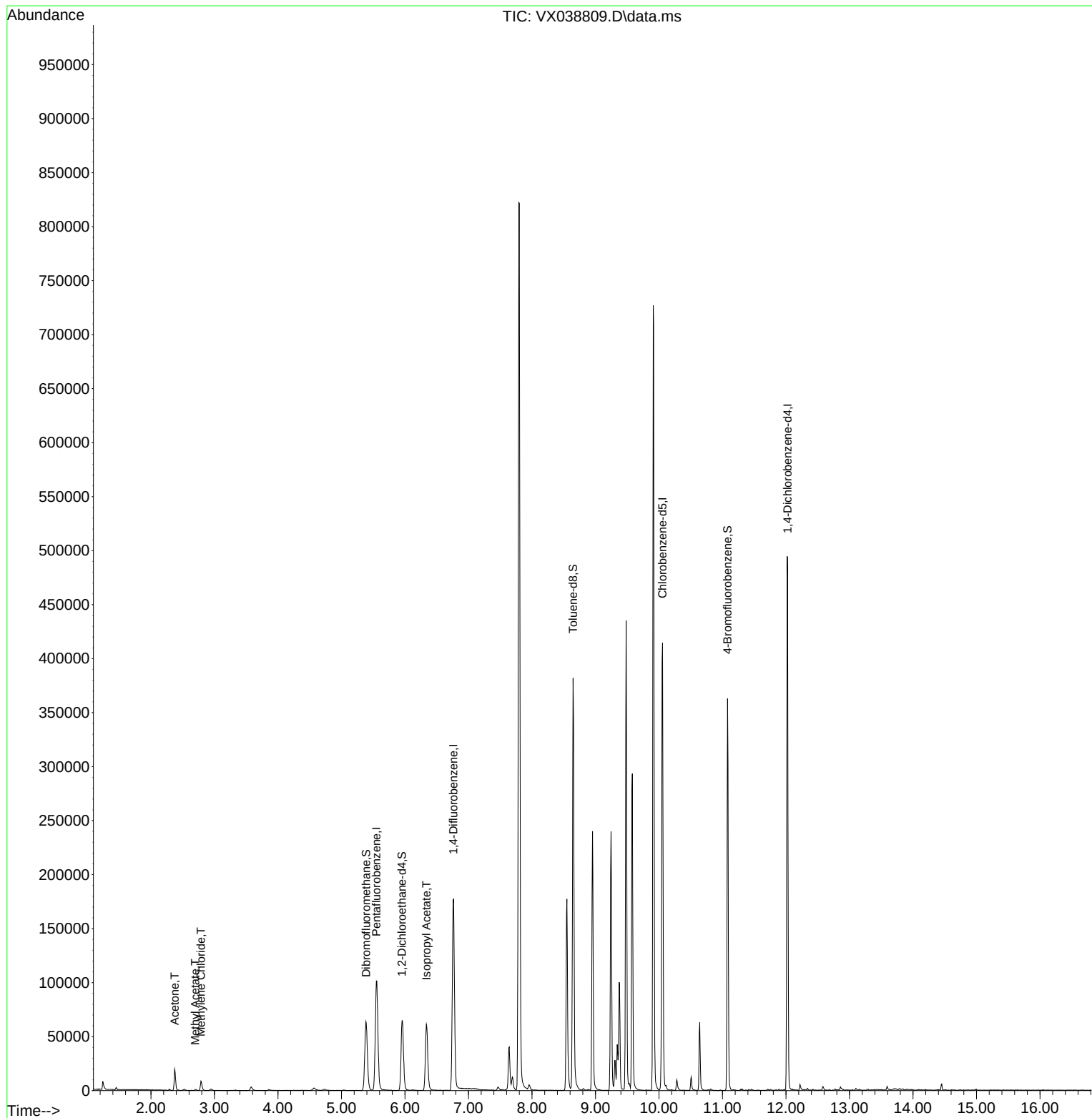
Internal Standards						
1) Pentafluorobenzene	5.550	168	100518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193377	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64164	44.869	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.740%
35) Dibromofluoromethane	5.385	113	58791	44.254	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.500%
50) Toluene-d8	8.647	98	235250	47.807	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.620%
62) 4-Bromofluorobenzene	11.079	95	110202	53.563	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.120%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	19644	25.635	ug/l	95
18) Methyl Acetate	2.697	43	1175	0.330	ug/l #	85
20) Methylene Chloride	2.788	84	4336	3.025	ug/l #	80
43) Isopropyl Acetate	6.336	43	86609	26.846	ug/l	95

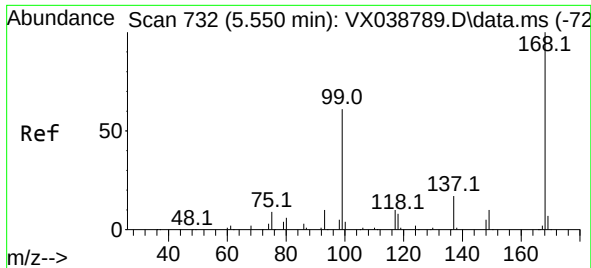
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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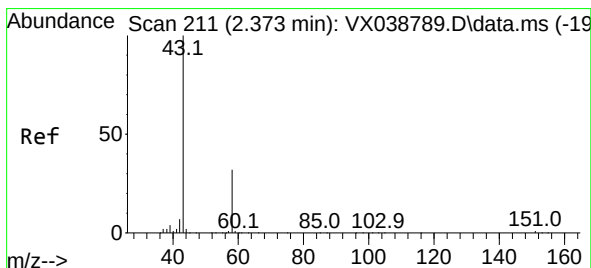
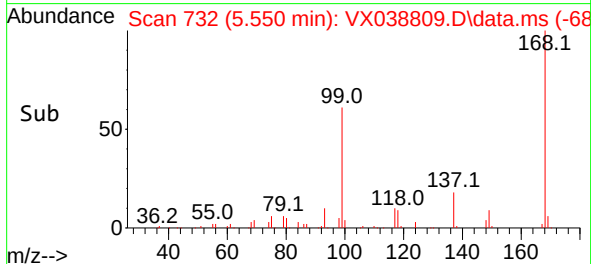
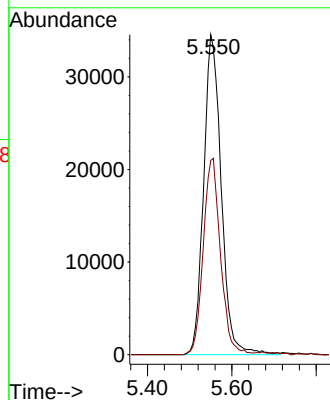
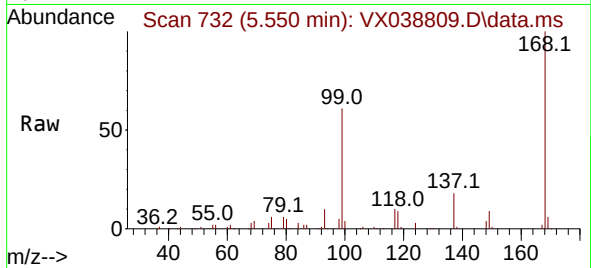




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX038809.D
Acq: 14 Nov 2023 16:21

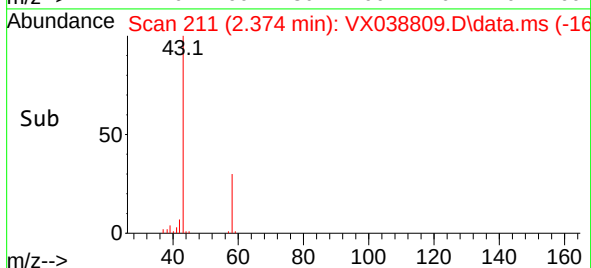
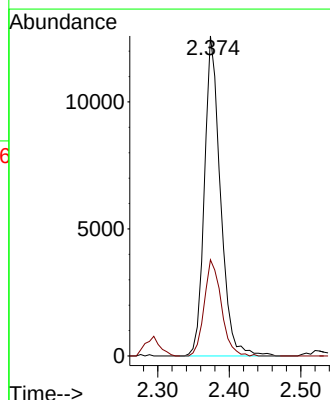
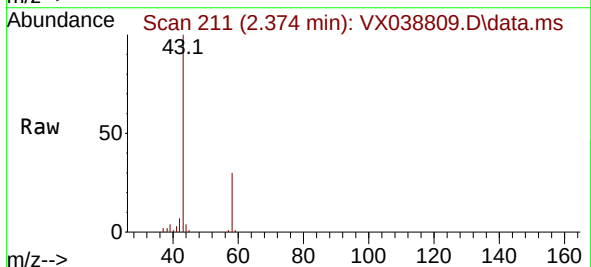
Instrument :
MSVOA_X
ClientSampleId :
WC-4

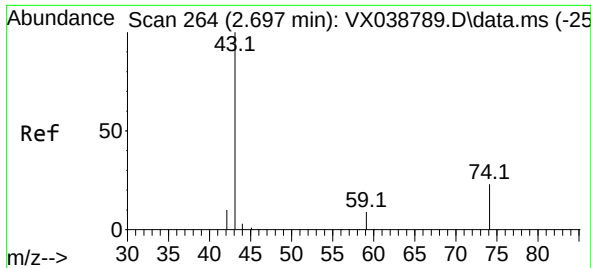
Tgt Ion:168 Resp: 100518
Ion Ratio Lower Upper
168 100
99 60.7 56.6 85.0



#16
Acetone
Concen: 25.635 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038809.D
Acq: 14 Nov 2023 16:21

Tgt Ion: 43 Resp: 19644
Ion Ratio Lower Upper
43 100
58 30.0 21.9 32.9

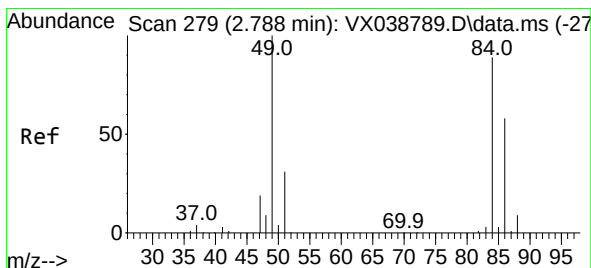
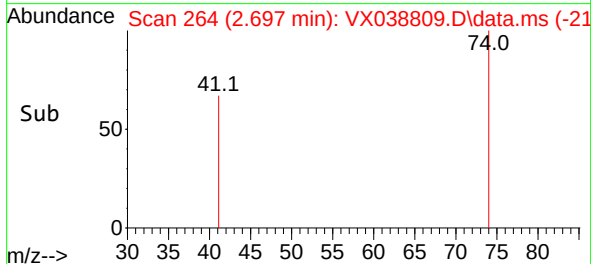
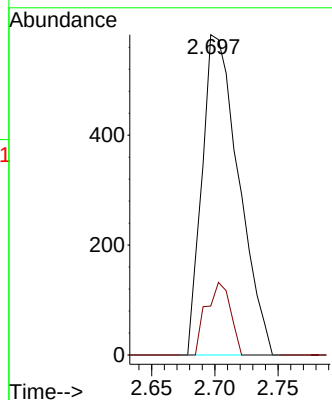
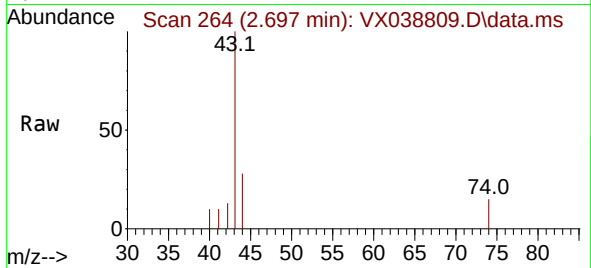




#18
Methyl Acetate
Concen: 0.330 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX038809.D
Acq: 14 Nov 2023 16:21

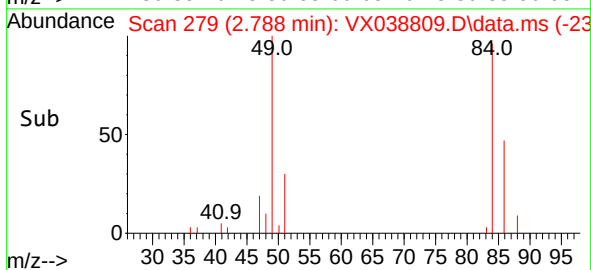
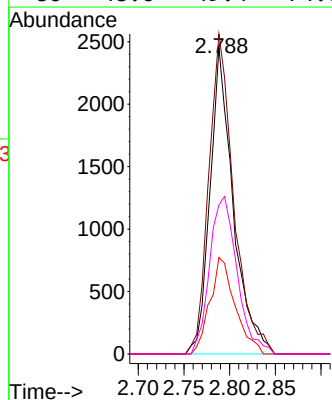
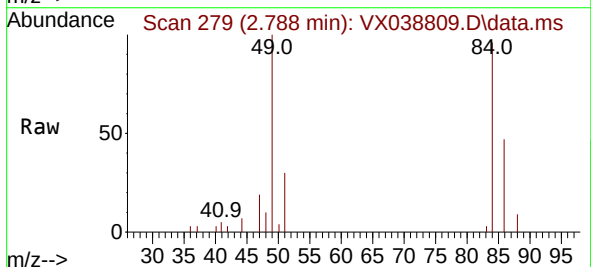
Instrument :
MSVOA_X
ClientSampleId :
WC-4

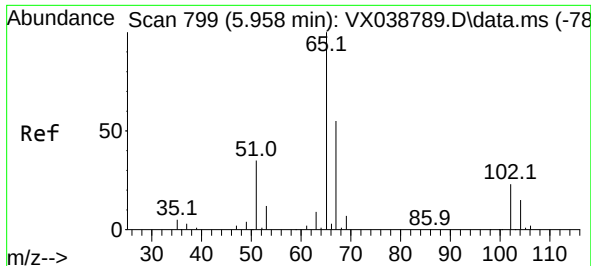
Tgt Ion: 43 Resp: 1175
Ion Ratio Lower Upper
43 100
74 15.0 17.8 26.8#



#20
Methylene Chloride
Concen: 3.025 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038809.D
Acq: 14 Nov 2023 16:21

Tgt Ion: 84 Resp: 4336
Ion Ratio Lower Upper
84 100
49 104.4 103.6 155.4
51 31.5 33.8 50.6#
86 48.6 49.4 74.0#





#33

1,2-Dichloroethane-d4

Concen: 44.869 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038809.D

Acq: 14 Nov 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

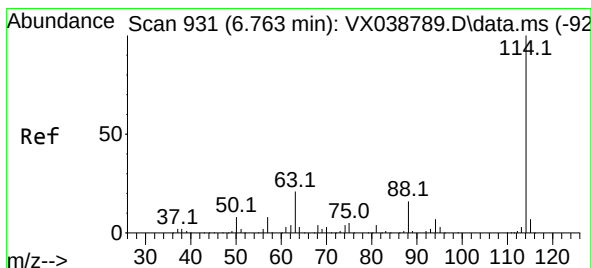
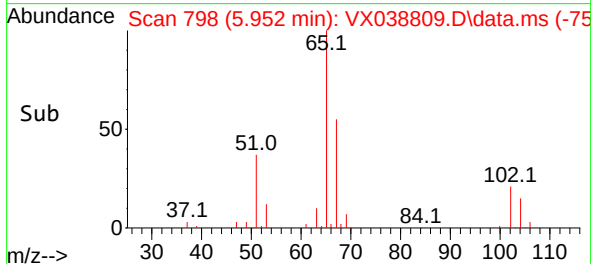
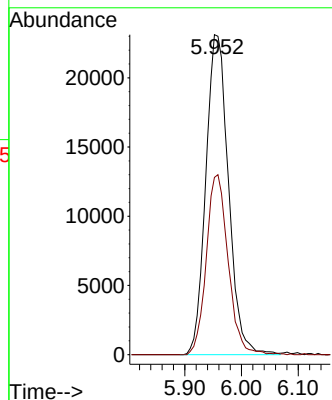
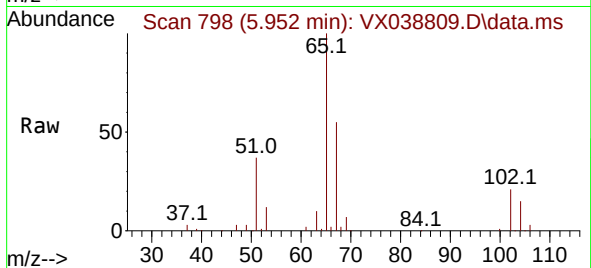
WC-4

Tgt Ion: 65 Resp: 64164

Ion Ratio Lower Upper

65 100

67 54.3 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: VX038809.D

Acq: 14 Nov 2023 16:21

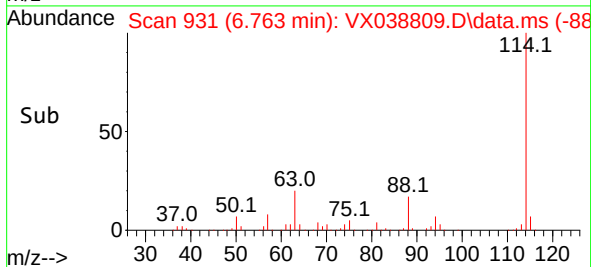
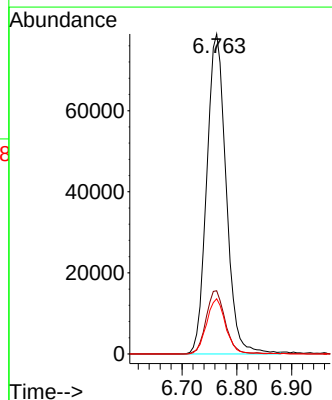
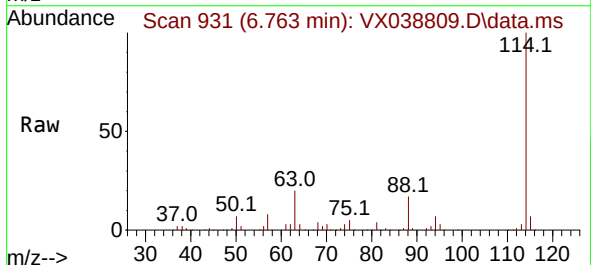
Tgt Ion: 114 Resp: 193377

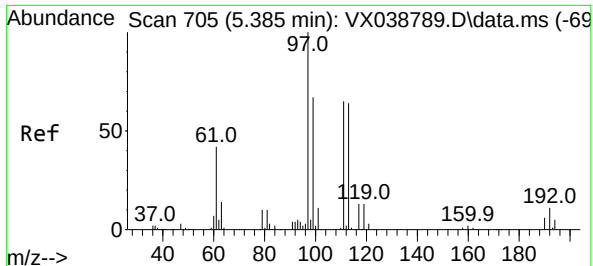
Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

88 17.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.254 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038809.D

Acq: 14 Nov 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

WC-4

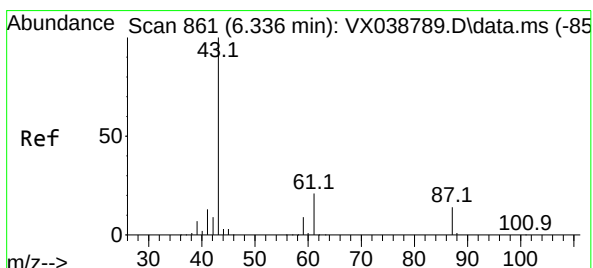
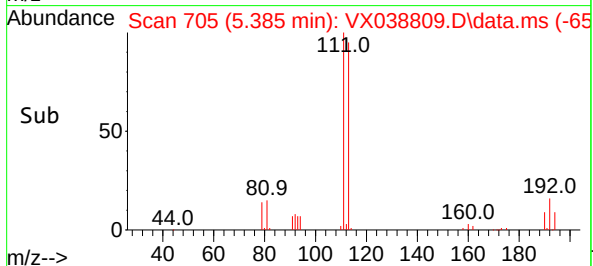
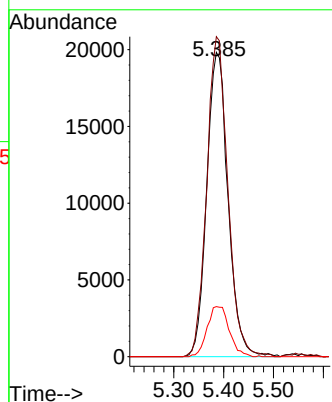
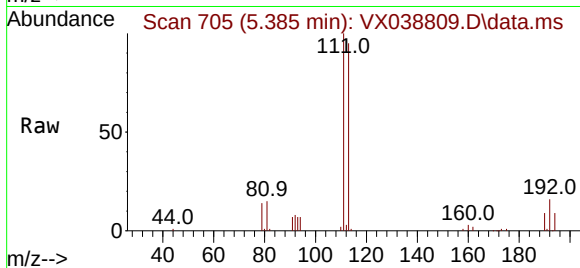
Tgt Ion:113 Resp: 58791

Ion Ratio Lower Upper

113 100

111 104.3 82.9 124.3

192 17.1 13.3 19.9



#43

Isopropyl Acetate

Concen: 26.846 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX038809.D

Acq: 14 Nov 2023 16:21

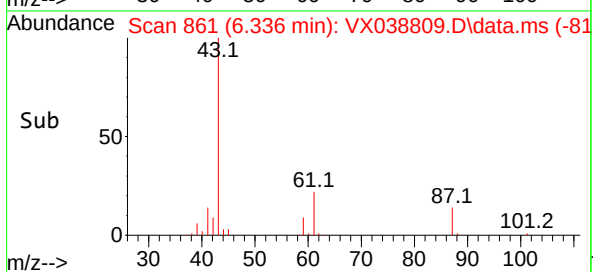
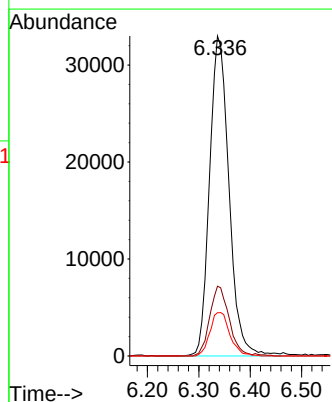
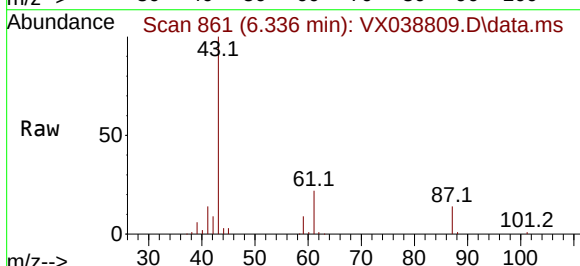
Tgt Ion: 43 Resp: 86609

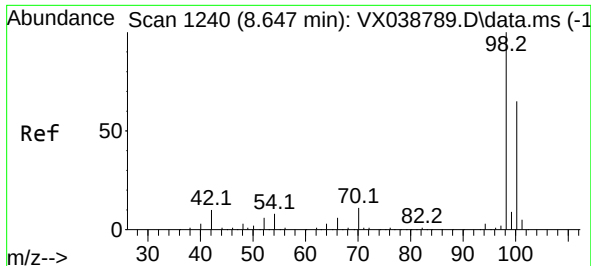
Ion Ratio Lower Upper

43 100

61 21.6 15.2 22.8

87 13.9 9.8 14.6

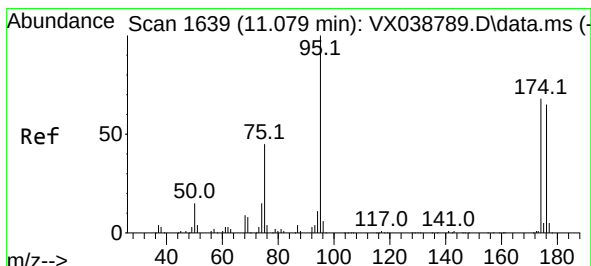
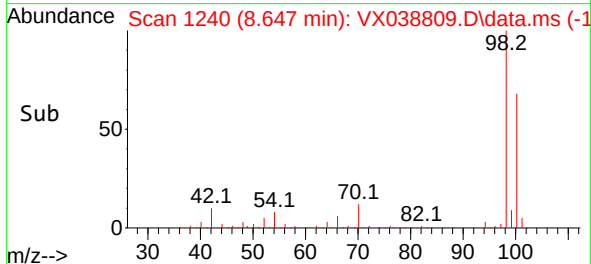
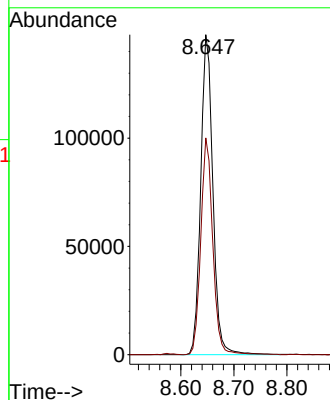
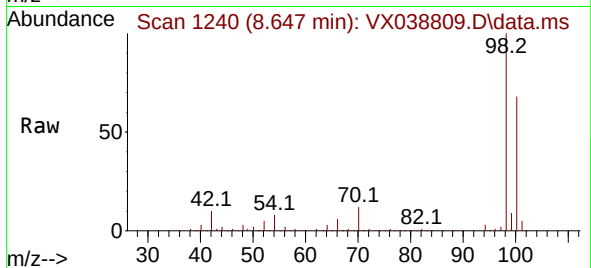




#50
Toluene-d8
Concen: 47.807 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038809.D
Acq: 14 Nov 2023 16:21

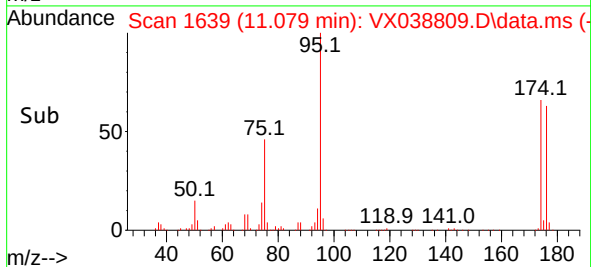
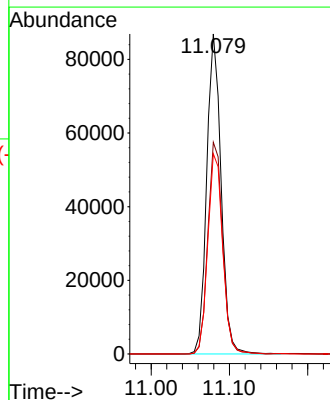
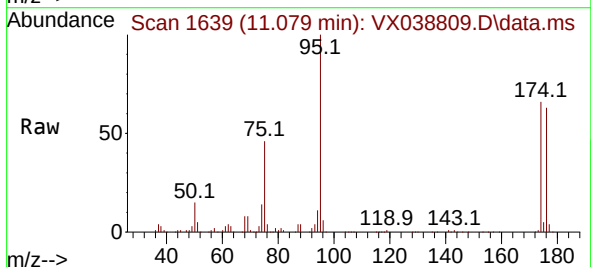
Instrument :
MSVOA_X
ClientSampleId :
WC-4

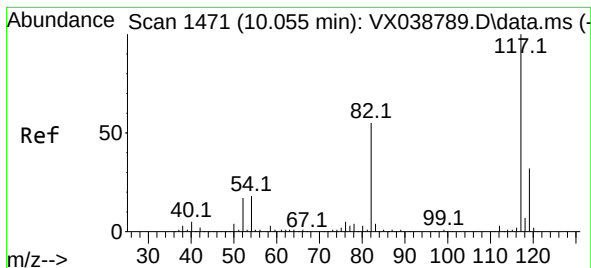
Tgt Ion: 98 Resp: 235250
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 53.563 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038809.D
Acq: 14 Nov 2023 16:21

Tgt Ion: 95 Resp: 110202
Ion Ratio Lower Upper
95 100
174 68.1 0.0 135.6
176 65.0 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: VX038809.D

Acq: 14 Nov 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

WC-4

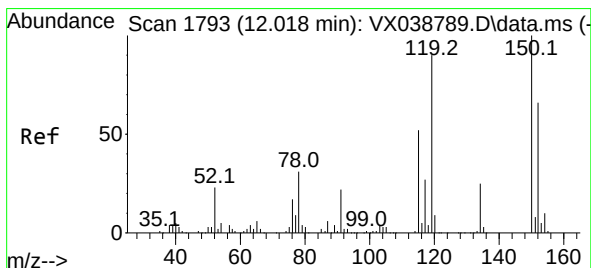
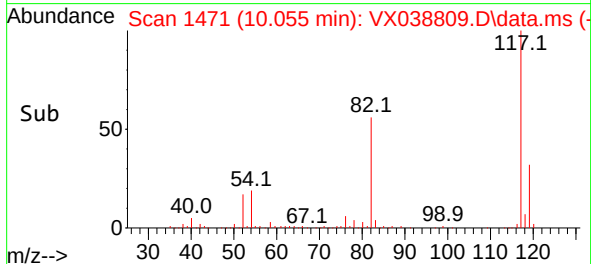
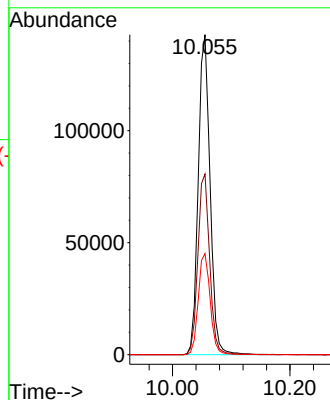
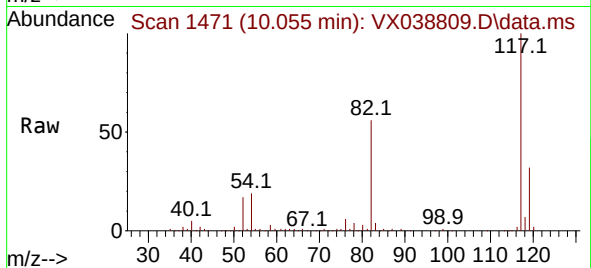
Tgt Ion:117 Resp: 199727

Ion Ratio Lower Upper

117 100

82 56.4 46.2 69.4

119 31.6 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX038809.D

Acq: 14 Nov 2023 16:21

Tgt Ion:152 Resp: 108191

Ion Ratio Lower Upper

152 100

115 64.4 43.3 129.9

150 157.8 0.0 345.0

