

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038861.D
 Acq On : 17 Nov 2023 00:23
 Operator : JC/MD
 Sample : 05403-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D2-20231111

Quant Time: Nov 17 03:23:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

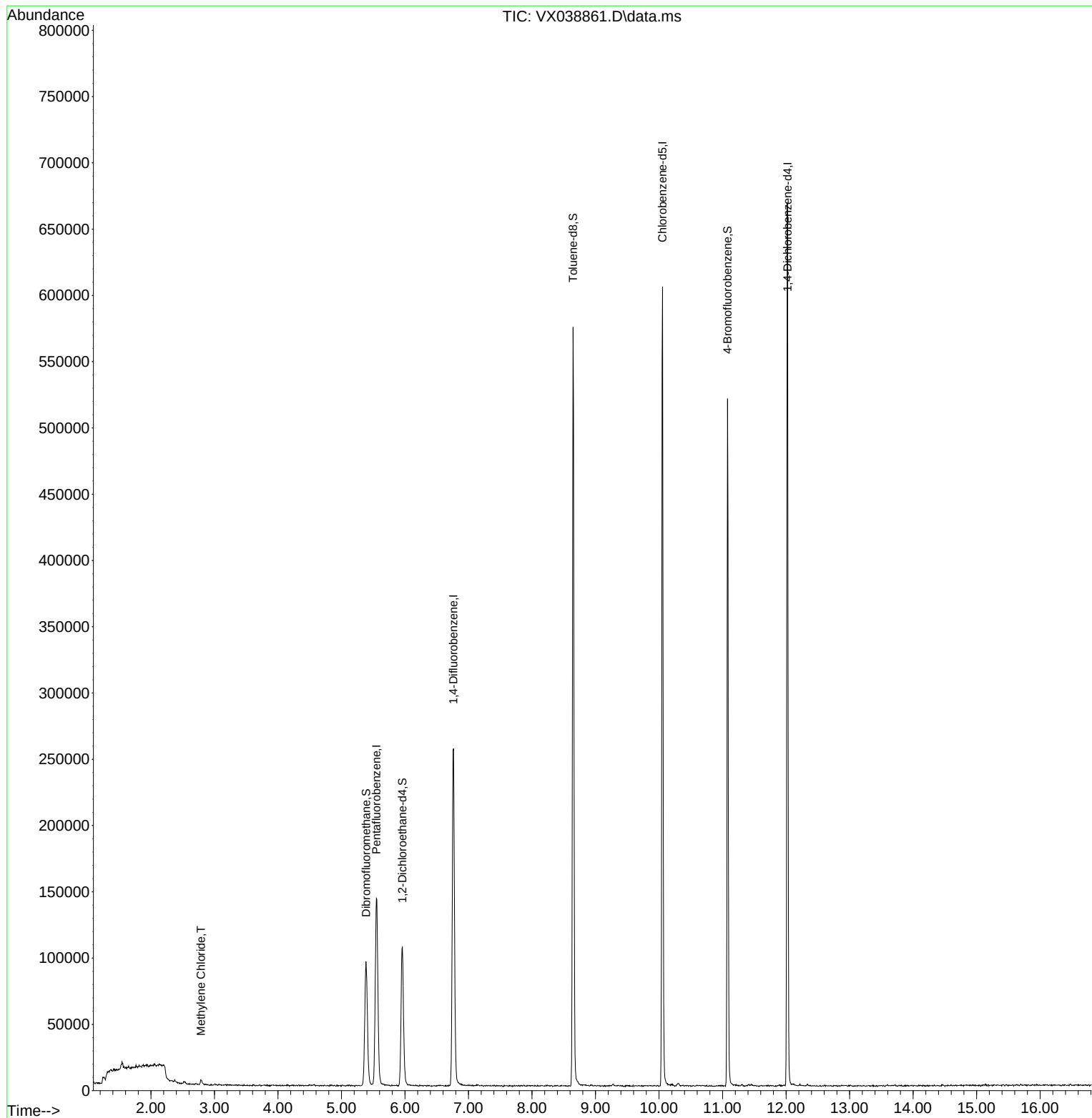
Internal Standards						
1) Pentafluorobenzene	5.550	168	129215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	265443	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	270569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98617	47.364	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.720%
35) Dibromofluoromethane	5.385	113	84623	44.141	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.280%
50) Toluene-d8	8.647	98	336677	45.901	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.800%#
62) 4-Bromofluorobenzene	11.079	95	143875	49.000	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.000%
Target Compounds						
20) Methylene Chloride	2.788	84	1947	0.974	ug/l	# 82

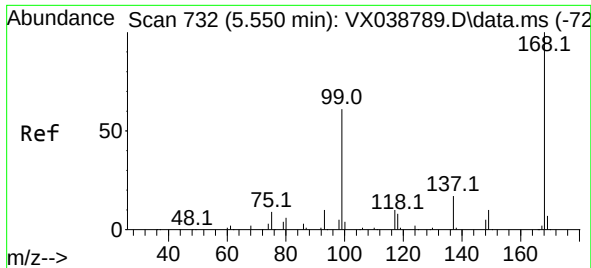
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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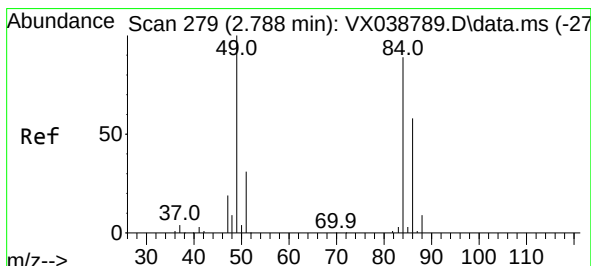
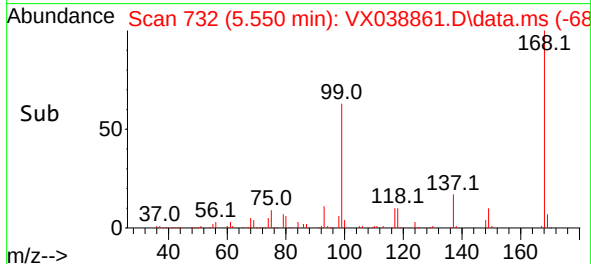
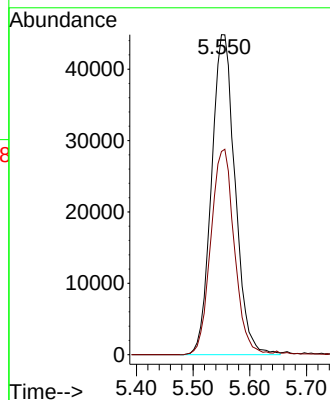
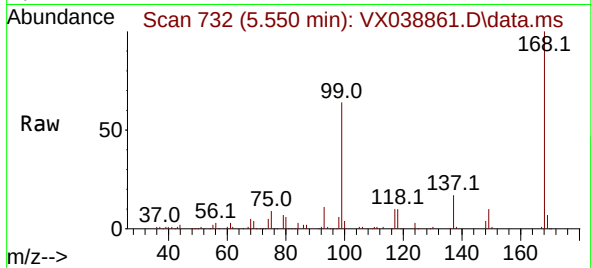




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX038861.D
Acq: 17 Nov 2023 00:23

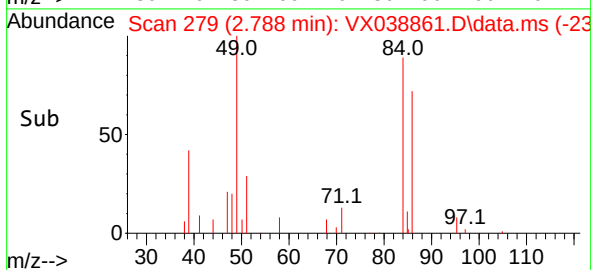
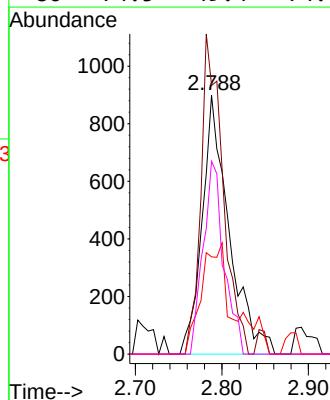
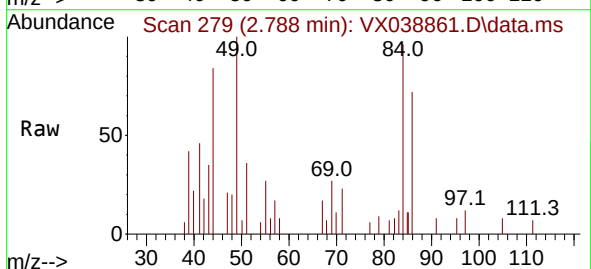
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20231111

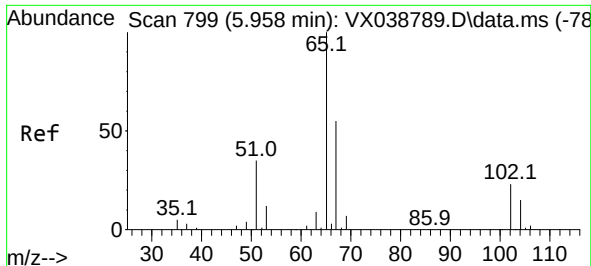
Tgt Ion:168 Resp: 129215
Ion Ratio Lower Upper
168 100
99 63.5 56.6 85.0



#20
Methylene Chloride
Concen: 0.974 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038861.D
Acq: 17 Nov 2023 00:23

Tgt Ion: 84 Resp: 1947
Ion Ratio Lower Upper
84 100
49 103.8 103.6 155.4
51 37.6 33.8 50.6
86 74.5 49.4 74.0#





#33

1,2-Dichloroethane-d4

Concen: 47.364 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038861.D

Acq: 17 Nov 2023 00:23

Instrument :

MSVOA_X

ClientSampleId :

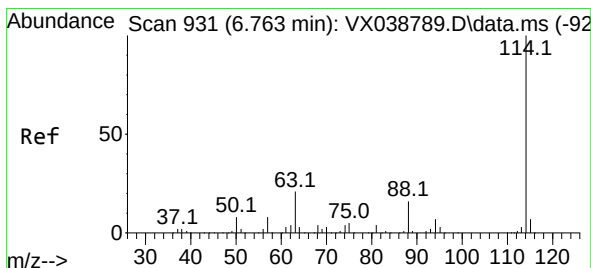
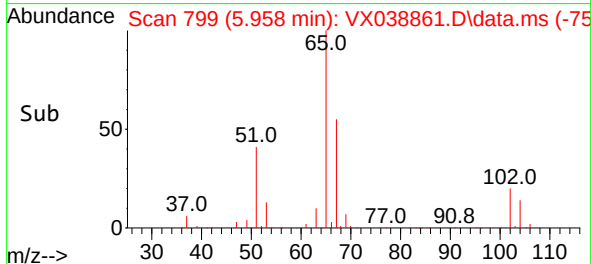
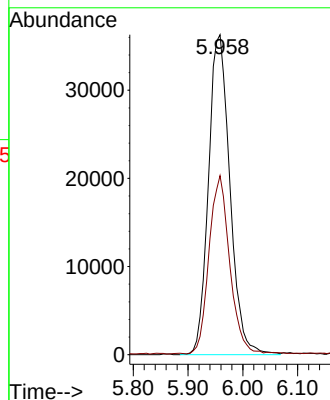
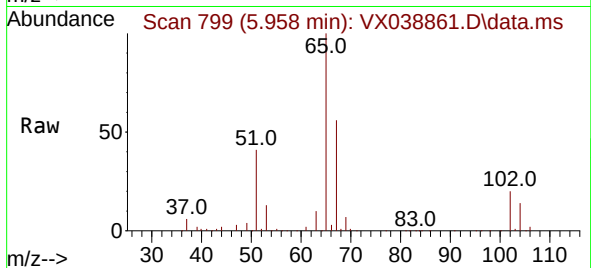
RW8-MW01D2-20231111

Tgt Ion: 65 Resp: 98617

Ion Ratio Lower Upper

65 100

67 54.1 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: VX038861.D

Acq: 17 Nov 2023 00:23

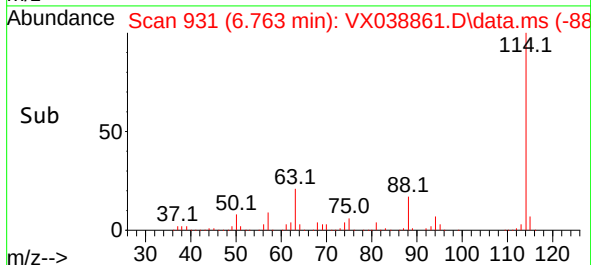
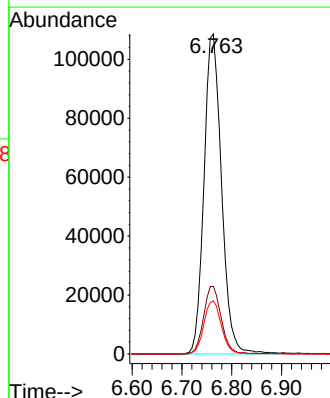
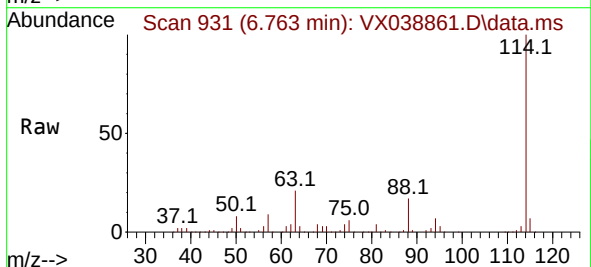
Tgt Ion: 114 Resp: 265443

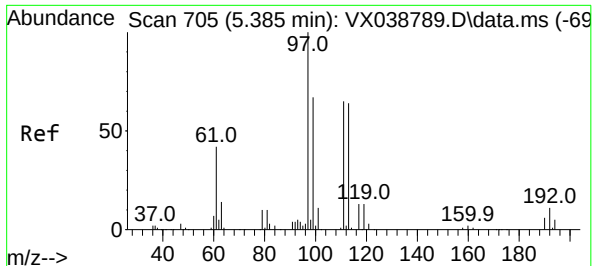
Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.0

88 16.6 0.0 36.6

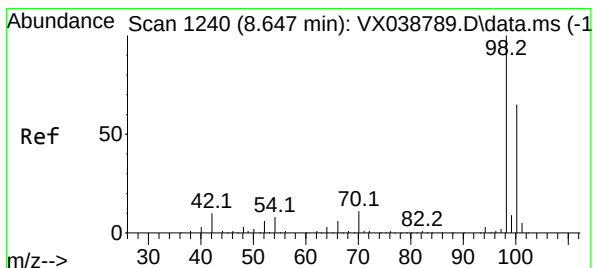
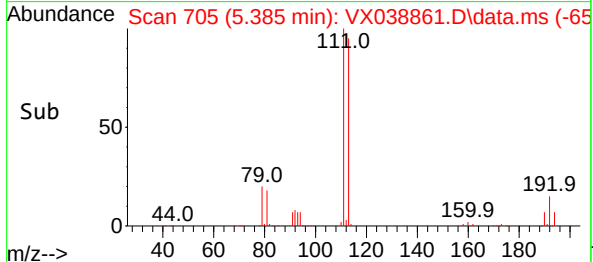
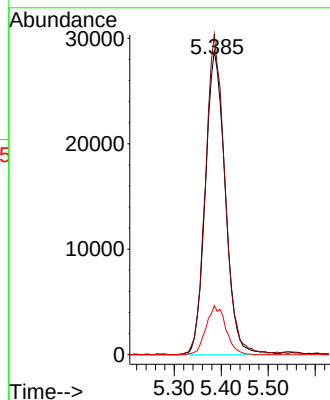
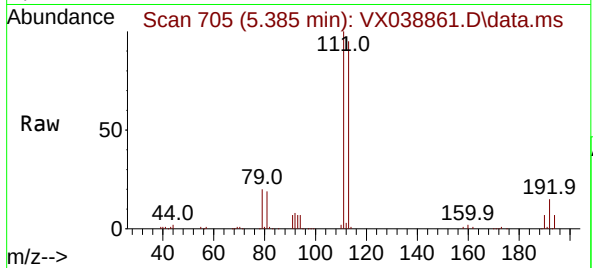




#35
Dibromofluoromethane
Concen: 44.141 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038861.D
Acq: 17 Nov 2023 00:23

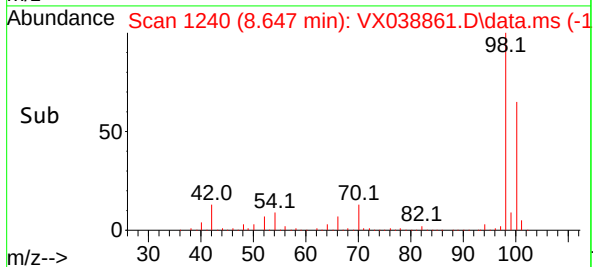
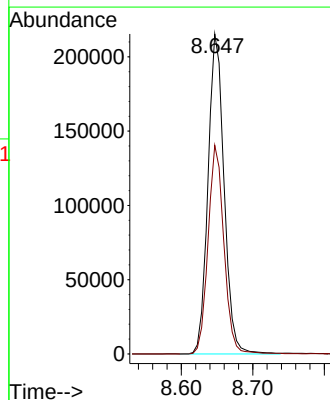
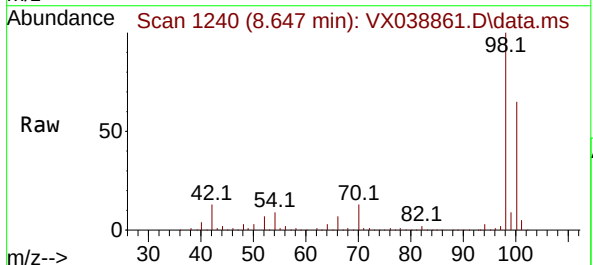
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20231111

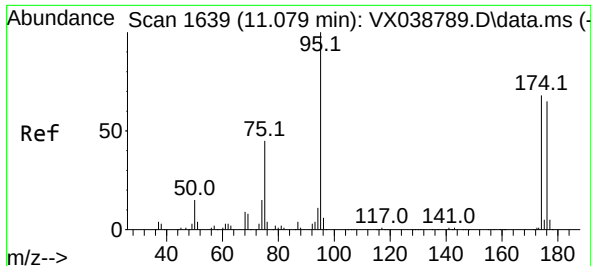
Tgt Ion:113 Resp: 84623
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 16.0 13.3 19.9



#50
Toluene-d8
Concen: 45.901 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038861.D
Acq: 17 Nov 2023 00:23

Tgt Ion: 98 Resp: 336677
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7

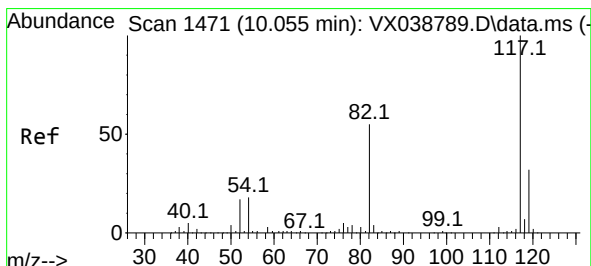
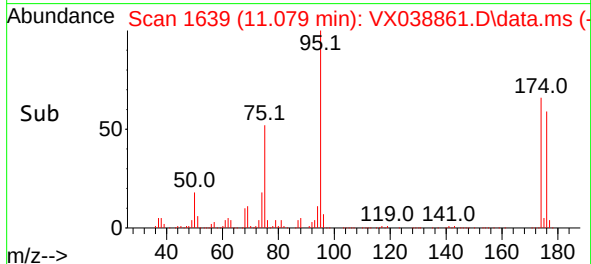
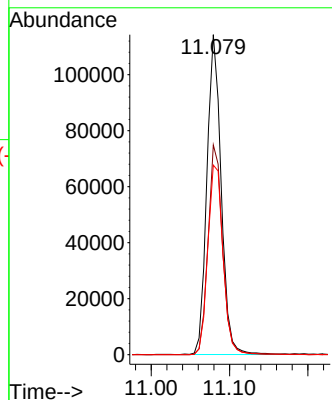
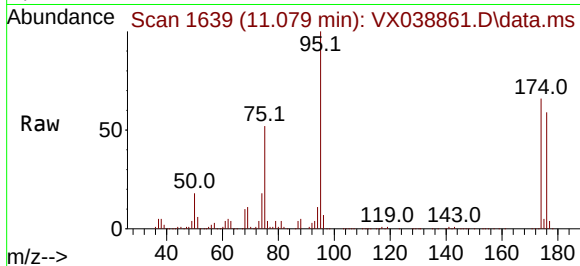




#62
4-Bromofluorobenzene
Concen: 49.000 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038861.D
Acq: 17 Nov 2023 00:23

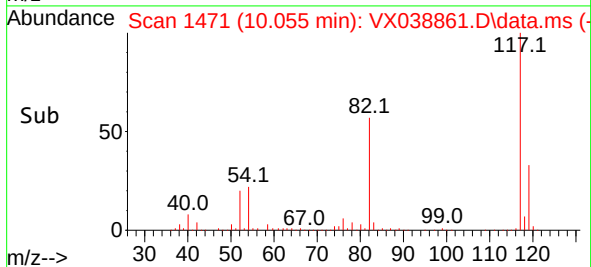
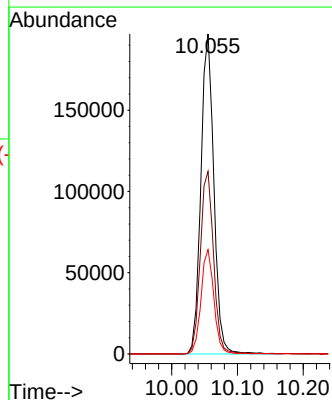
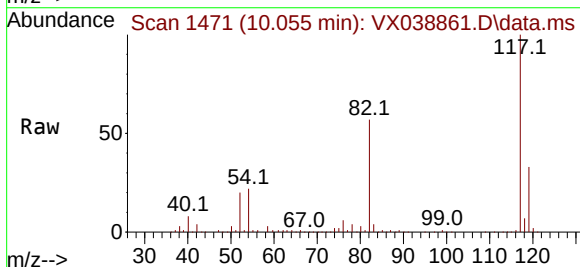
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20231111

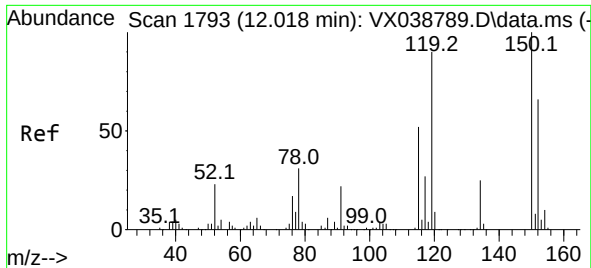
Tgt Ion: 95 Resp: 143875
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.6
176 63.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038861.D
Acq: 17 Nov 2023 00:23

Tgt Ion: 117 Resp: 270569
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.4
119 32.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038861.D

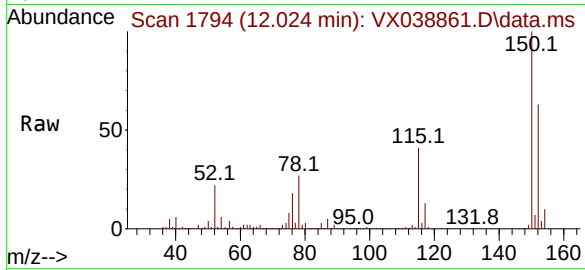
Acq: 17 Nov 2023 00:23

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D2-20231111



Tgt Ion:152 Resp: 135674

Ion Ratio Lower Upper

152 100

115 65.6 43.3 129.9

150 159.3 0.0 345.0

