

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038655.D
 Acq On : 08 Nov 2023 14:54
 Operator : JC/MD
 Sample : 05222-14RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-16-20231101RE

Quant Time: Nov 09 01:20:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

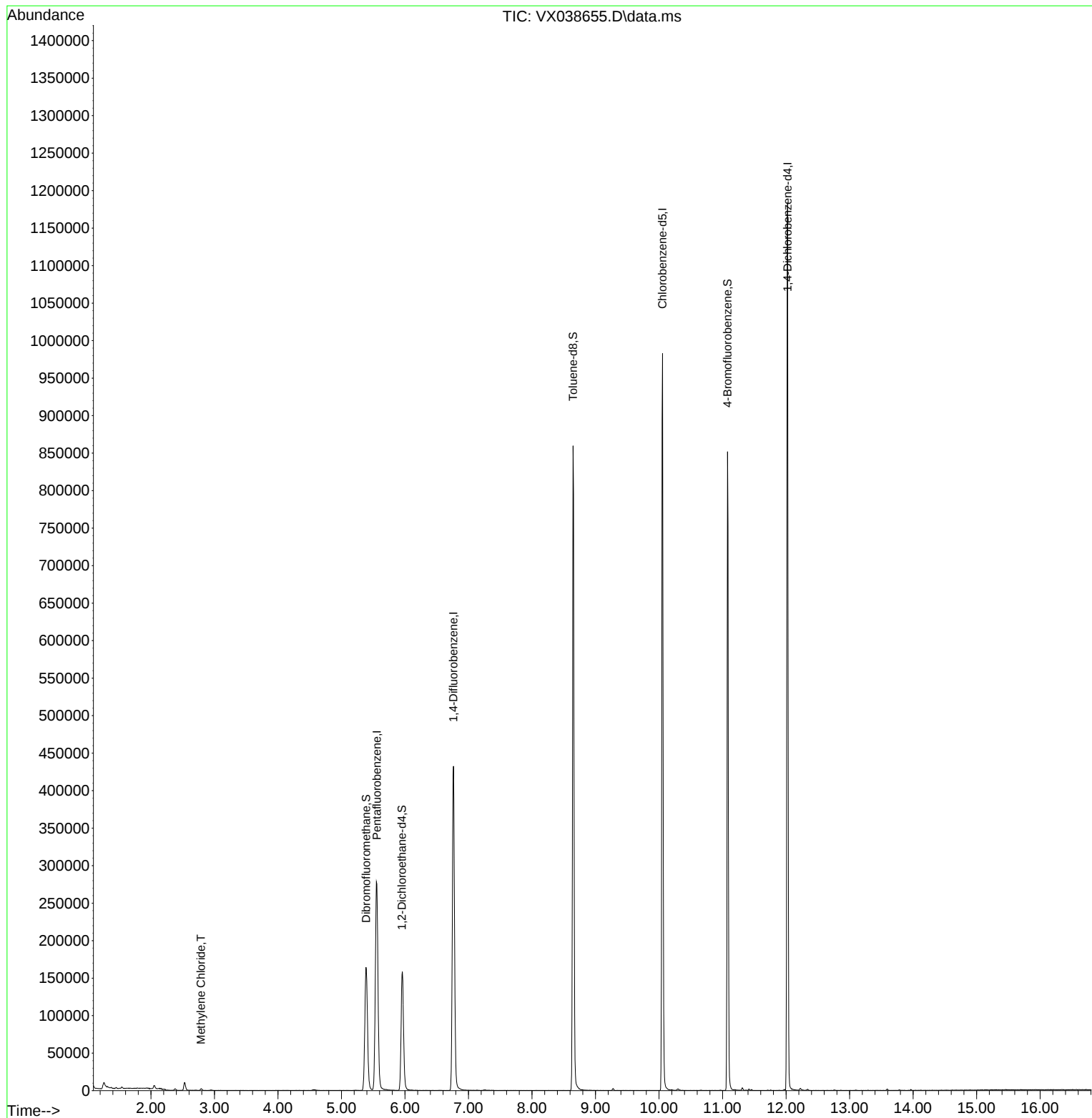
Internal Standards						
1) Pentafluorobenzene	5.556	168	288207	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	474953	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	487261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	278114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	157709	43.954	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.900%
35) Dibromofluoromethane	5.385	113	147043	42.986	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.980%
50) Toluene-d8	8.647	98	536923	43.863	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.720%#
62) 4-Bromofluorobenzene	11.079	95	226574	47.741	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.480%
Target Compounds						
20) Methylene Chloride	2.788	84	1119	0.367	ug/l	Qvalue 87

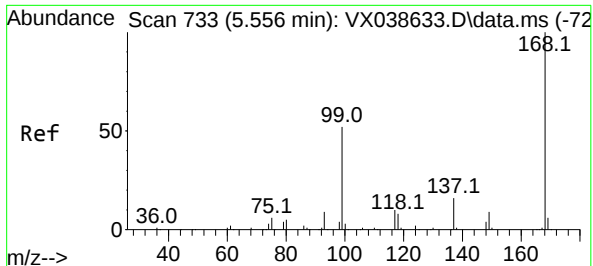
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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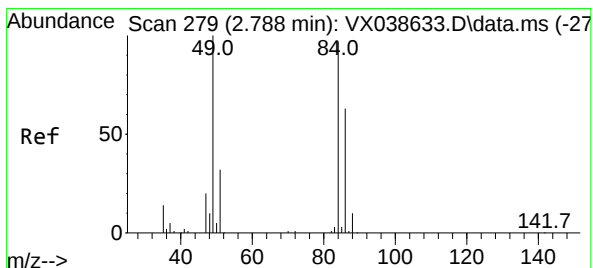
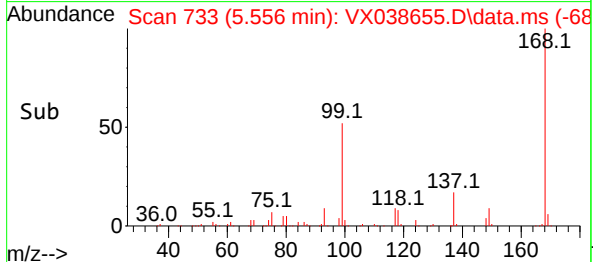
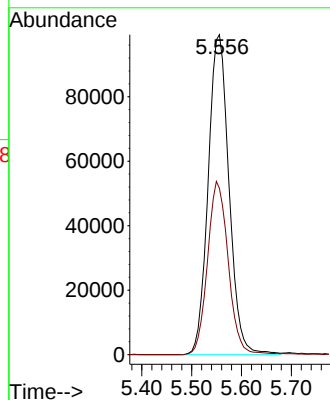
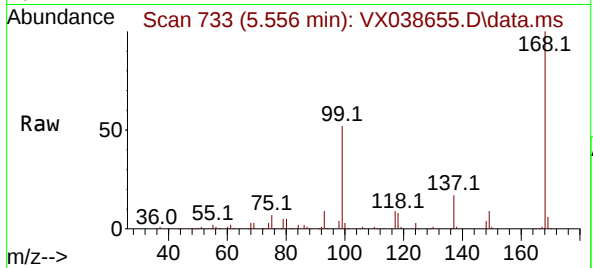




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX038655.D
Acq: 08 Nov 2023 14:54

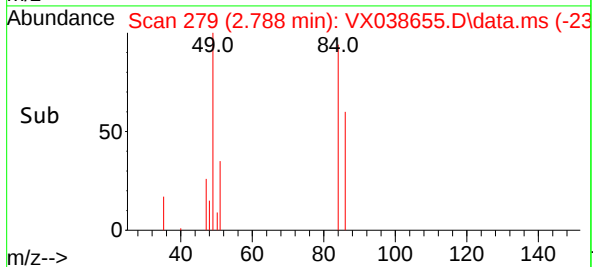
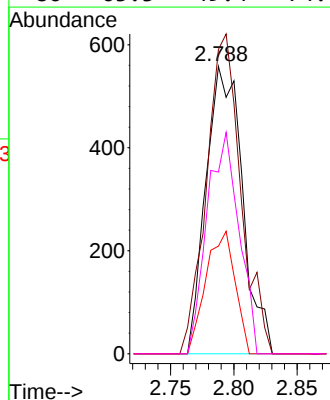
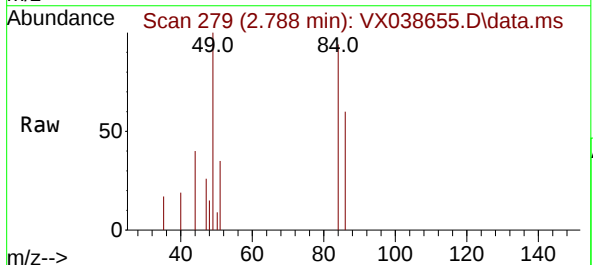
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-16-20231101RE

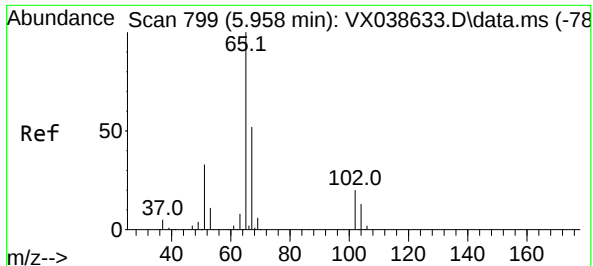
Tgt Ion:168 Resp: 288207
Ion Ratio Lower Upper
168 100
99 52.0 56.6 85.0#



#20
Methylene Chloride
Concen: 0.367 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038655.D
Acq: 08 Nov 2023 14:54

Tgt Ion: 84 Resp: 1119
Ion Ratio Lower Upper
84 100
49 105.9 103.6 155.4
51 37.5 33.8 50.6
86 63.3 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 43.954 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038655.D

Acq: 08 Nov 2023 14:54

Instrument :

MSVOA_X

ClientSampleId :

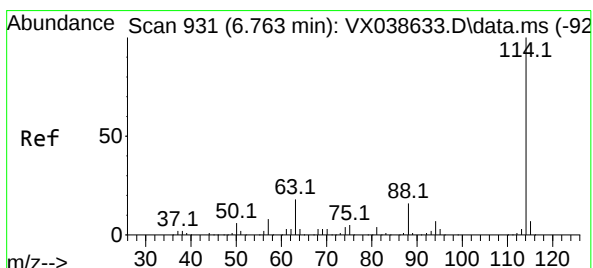
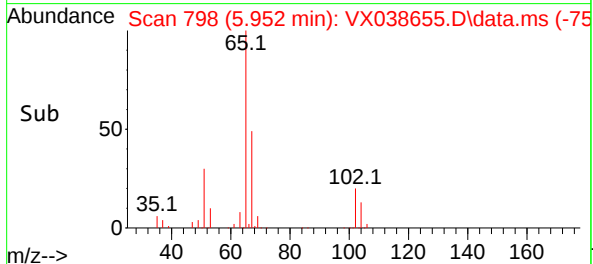
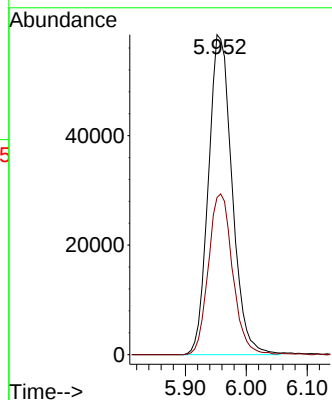
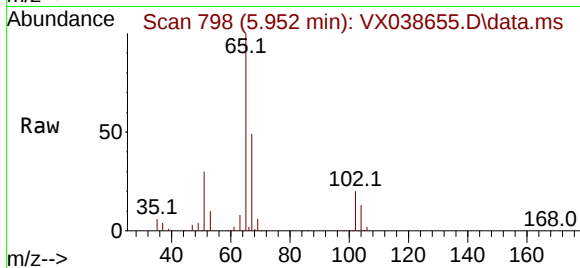
FSND-MW-16-20231101RE

Tgt Ion: 65 Resp: 157709

Ion Ratio Lower Upper

65 100

67 51.2 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: VX038655.D

Acq: 08 Nov 2023 14:54

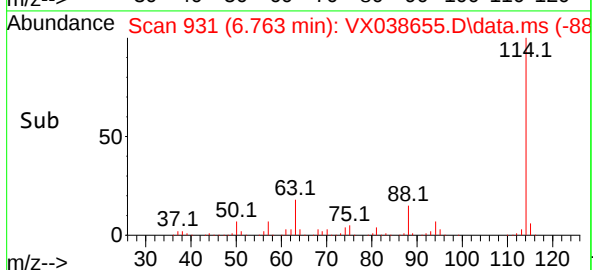
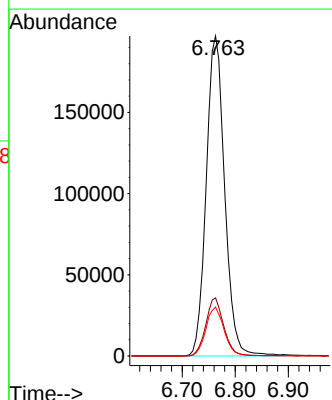
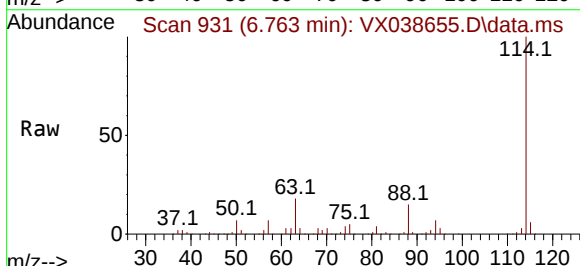
Tgt Ion: 114 Resp: 474953

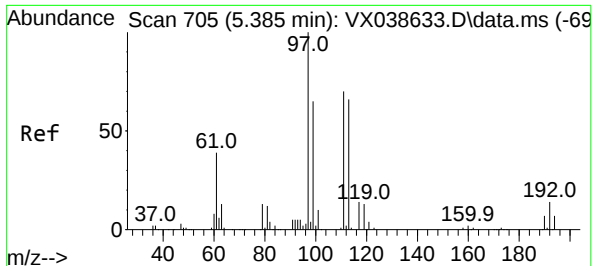
Ion Ratio Lower Upper

114 100

63 18.1 0.0 45.0

88 15.3 0.0 36.6

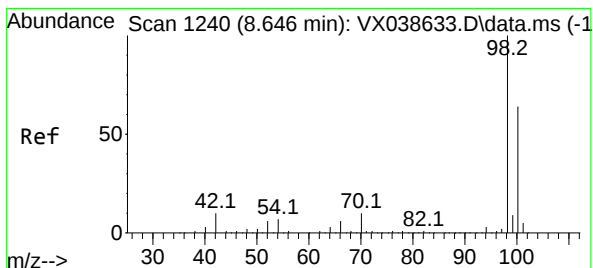
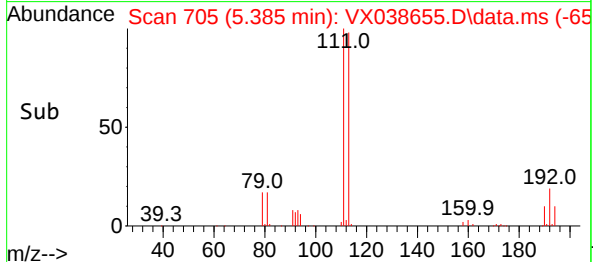
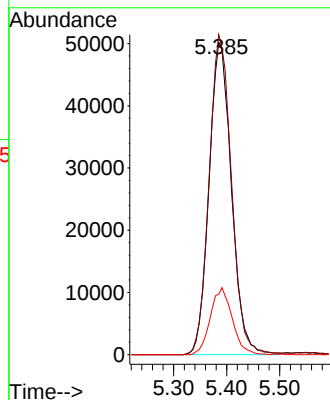
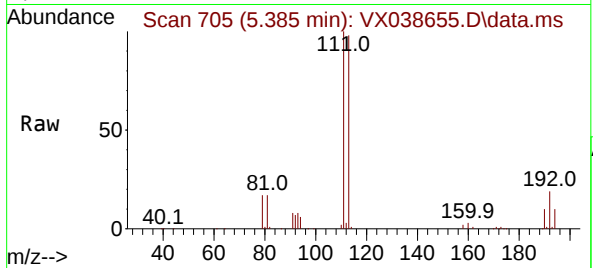




#35
 Dibromofluoromethane
 Concen: 42.986 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX038655.D
 Acq: 08 Nov 2023 14:54

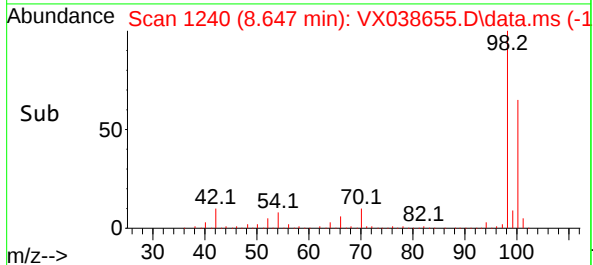
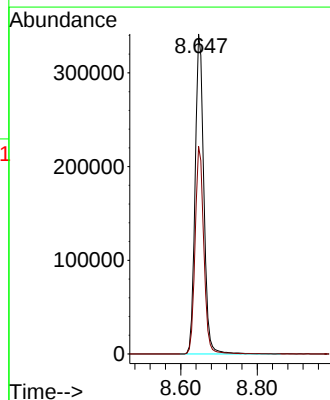
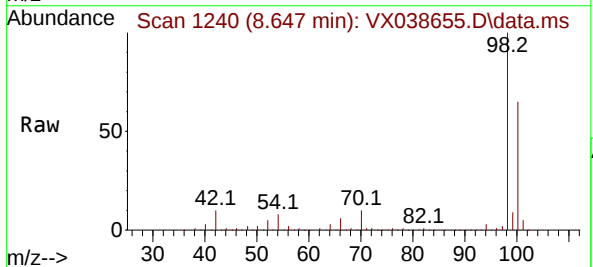
Instrument :
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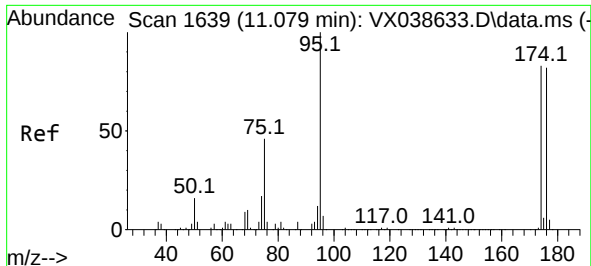
Tgt Ion:113 Resp: 147043
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.9 124.3
 192 20.9 13.3 19.9#



#50
 Toluene-d8
 Concen: 43.863 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX038655.D
 Acq: 08 Nov 2023 14:54

Tgt Ion: 98 Resp: 536923
 Ion Ratio Lower Upper
 98 100
 100 64.8 53.1 79.7

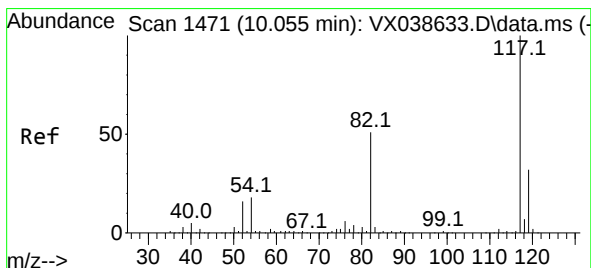
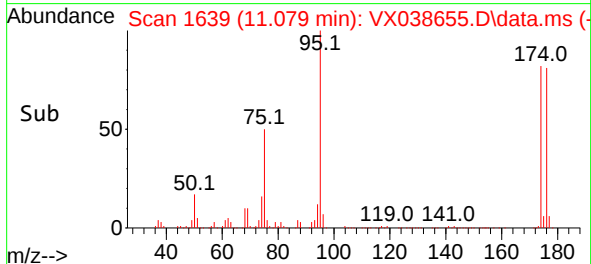
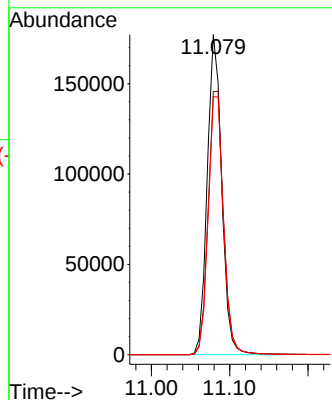
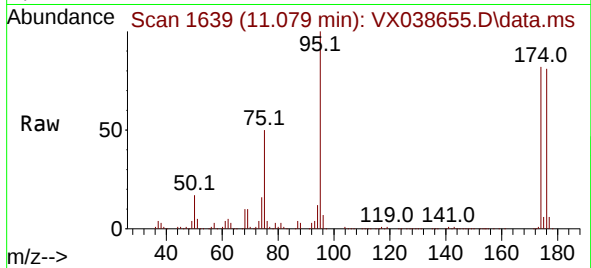




#62
4-Bromofluorobenzene
Concen: 47.741 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038655.D
Acq: 08 Nov 2023 14:54

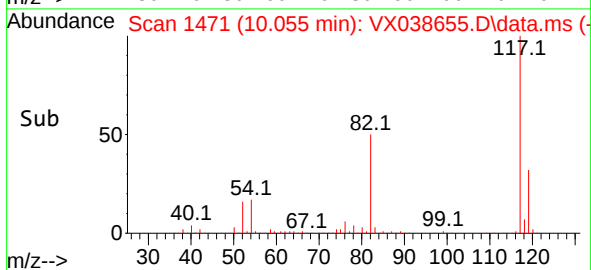
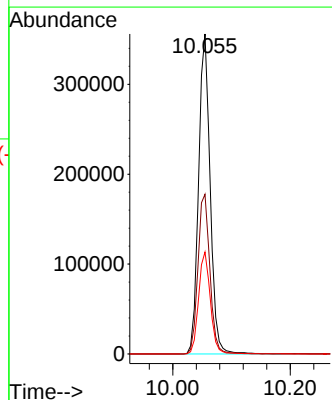
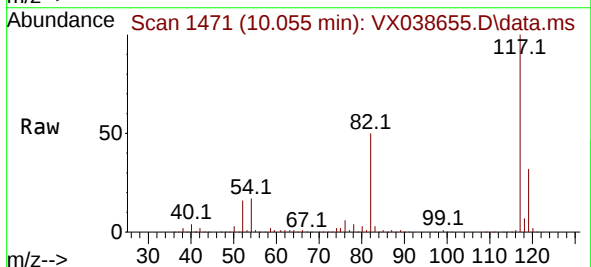
Instrument :
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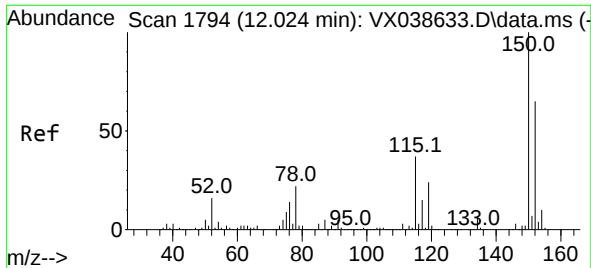
Tgt Ion: 95 Resp: 226574
Ion Ratio Lower Upper
95 100
174 88.0 0.0 135.6
176 85.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038655.D
Acq: 08 Nov 2023 14:54

Tgt Ion: 117 Resp: 487261
Ion Ratio Lower Upper
117 100
82 49.9 46.2 69.4
119 31.8 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: VX038655.D

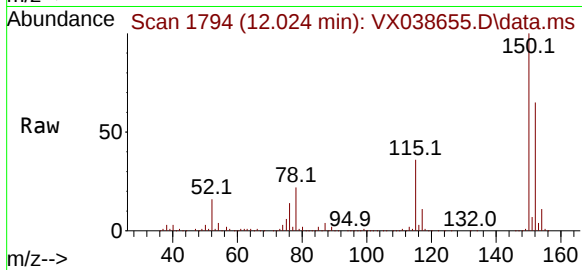
Acq: 08 Nov 2023 14:54

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-16-20231101RE



Tgt Ion:152 Resp: 278114

Ion Ratio Lower Upper

152 100

115 57.0 43.3 129.9

150 154.8 0.0 345.0

