

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032312.D
 Acq On : 22 Oct 2022 01:42
 Operator : JC/MD
 Sample : N5248-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-5-20221018

Quant Time: Oct 22 06:04:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

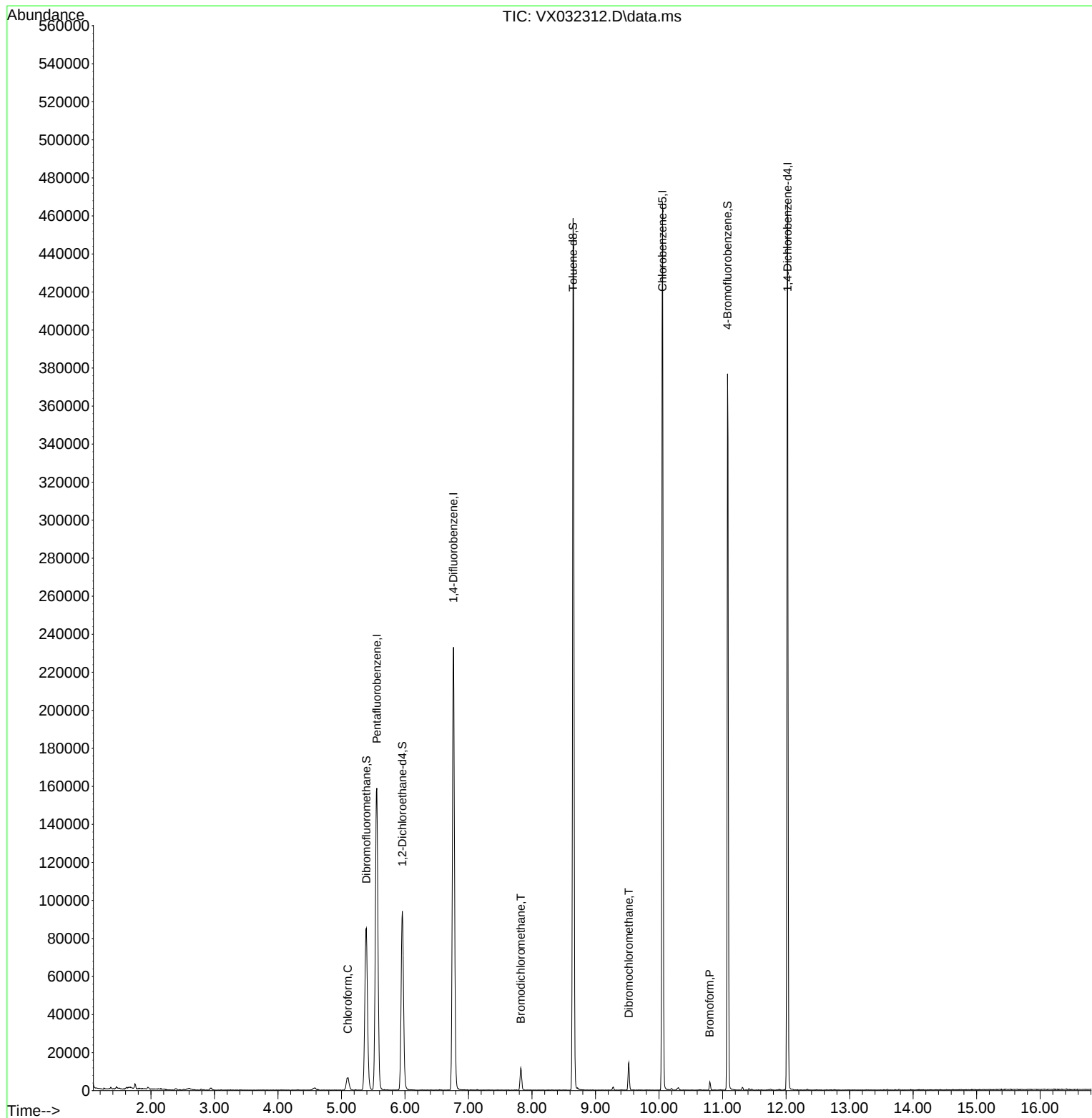
Internal Standards						
1) Pentafluorobenzene	5.556	168	149344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	232460	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94503	48.642	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.280%
35) Dibromofluoromethane	5.391	113	73632	45.519	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.040%
50) Toluene-d8	8.647	98	271932	46.700	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.400%
62) 4-Bromofluorobenzene	11.079	95	96373	45.198	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.400%
Target Compounds						
					Qvalue	
30) Chloroform	5.099	83	8499	2.948	ug/l	100
47) Bromodichloromethane	7.824	83	7544	3.599	ug/l	92
60) Dibromochloromethane	9.525	129	6245	3.839	ug/l	99
71) Bromoform	10.799	173	1694	3.436	ug/l #	100

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

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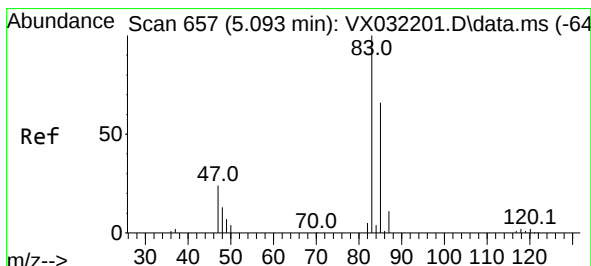
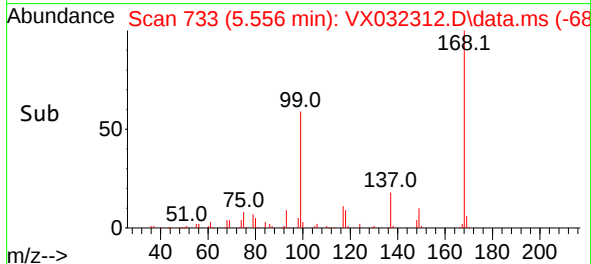
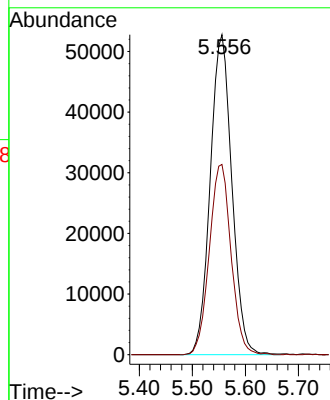
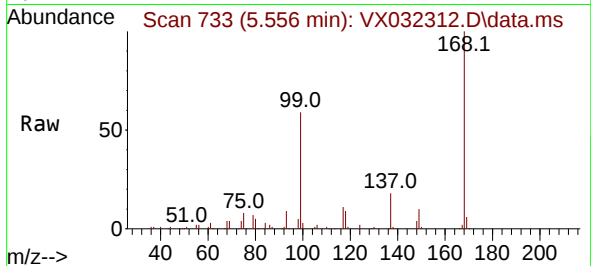




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX032312.D
Acq: 22 Oct 2022 01:42

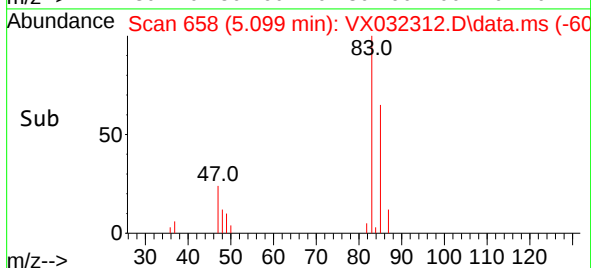
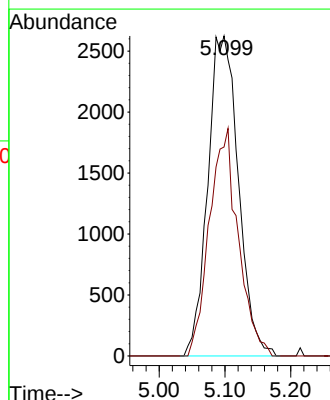
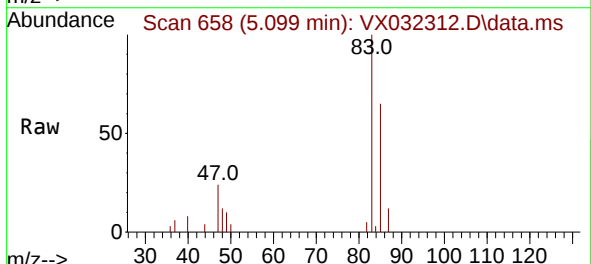
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-5-20221018

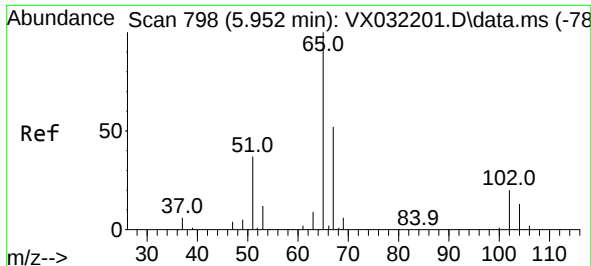
Tgt Ion:168 Resp: 149344
Ion Ratio Lower Upper
168 100
99 59.5 44.8 67.2



#30
Chloroform
Concen: 2.948 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX032312.D
Acq: 22 Oct 2022 01:42

Tgt Ion: 83 Resp: 8499
Ion Ratio Lower Upper
83 100
85 65.3 52.5 78.7





#33

1,2-Dichloroethane-d4

Concen: 48.642 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032312.D

Acq: 22 Oct 2022 01:42

Instrument :

MSVOA_X

ClientSampleId :

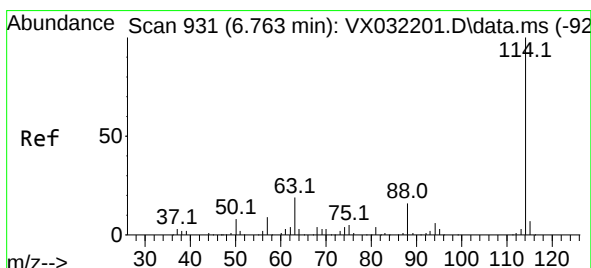
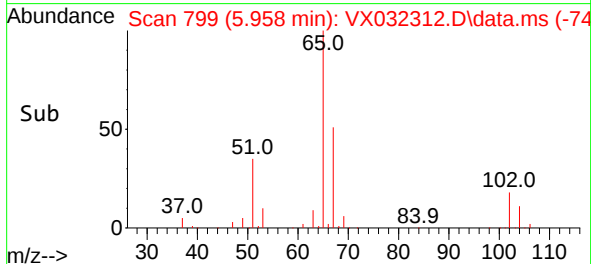
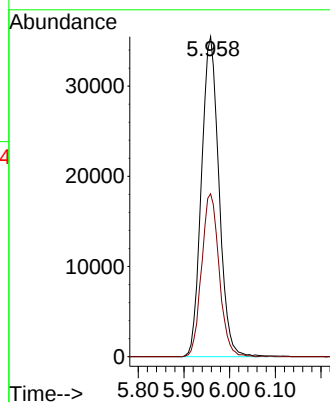
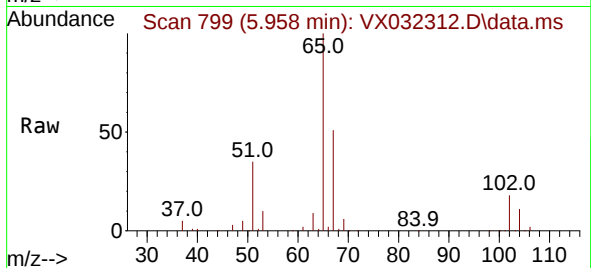
FSND-MW-5-20221018

Tgt Ion: 65 Resp: 94503

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032312.D

Acq: 22 Oct 2022 01:42

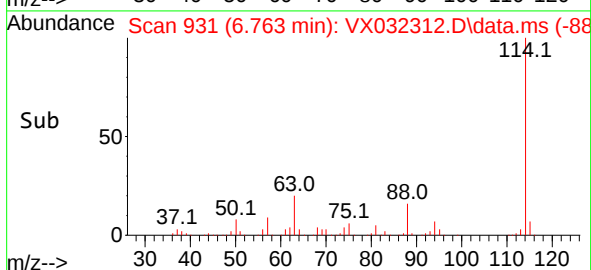
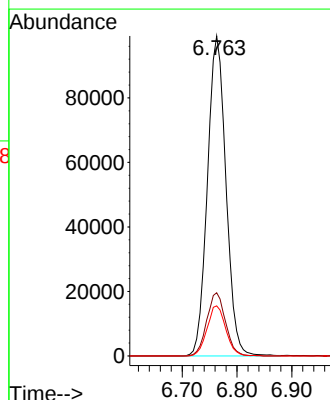
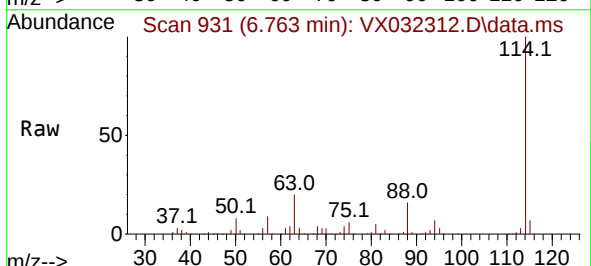
Tgt Ion: 114 Resp: 232460

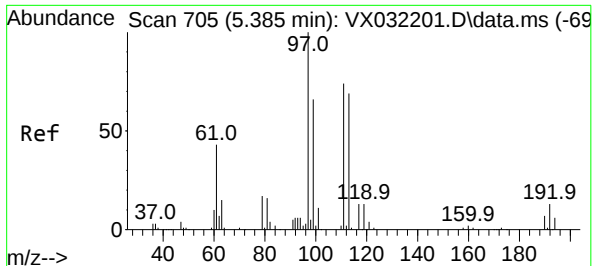
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.6

88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 45.519 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032312.D

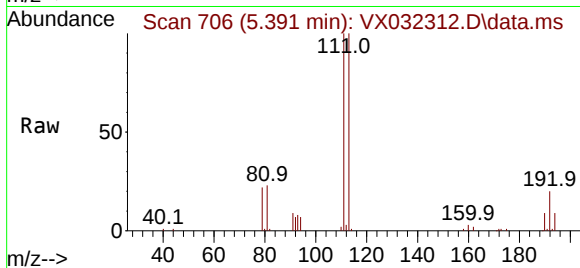
Acq: 22 Oct 2022 01:42

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-5-20221018



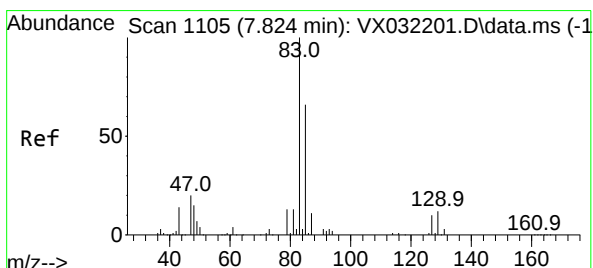
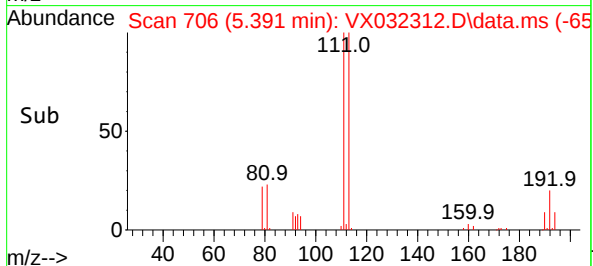
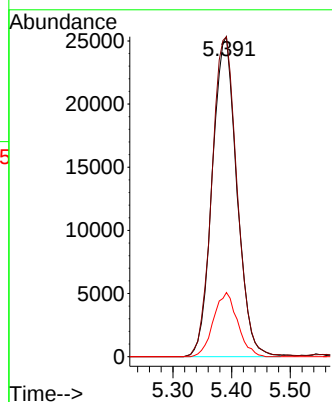
Tgt Ion:113 Resp: 73632

Ion Ratio Lower Upper

113 100

111 102.1 82.8 124.2

192 19.7 15.5 23.3



#47

Bromodichloromethane

Concen: 3.599 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX032312.D

Acq: 22 Oct 2022 01:42

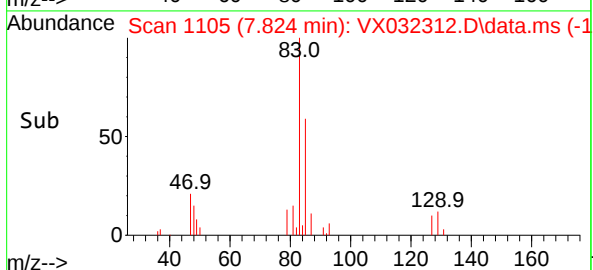
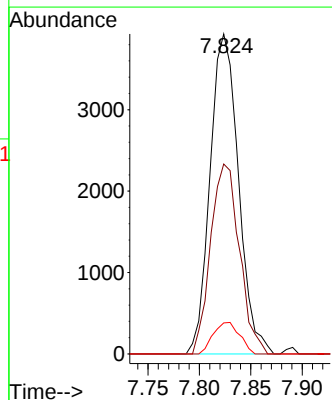
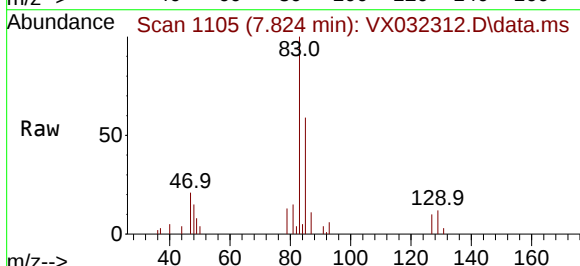
Tgt Ion: 83 Resp: 7544

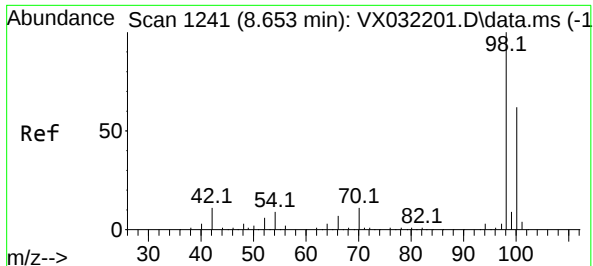
Ion Ratio Lower Upper

83 100

85 59.4 53.0 79.6

127 9.7 7.8 11.8

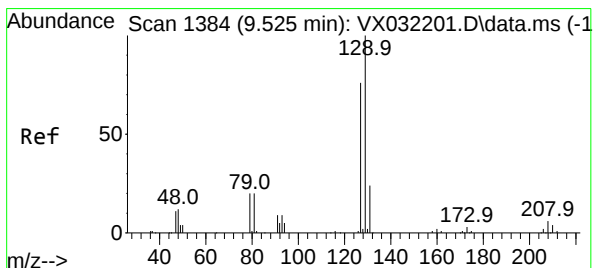
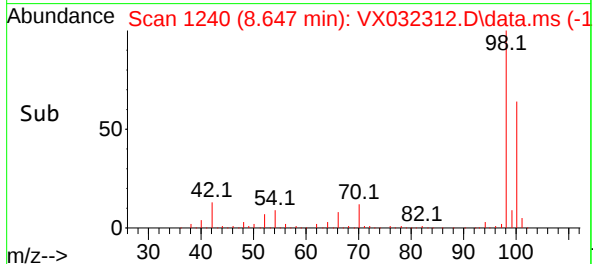
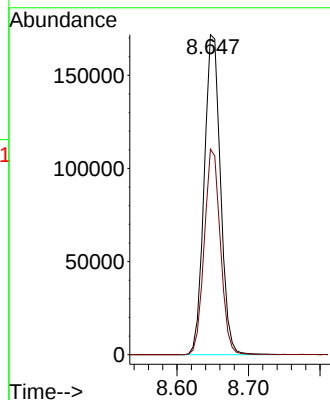
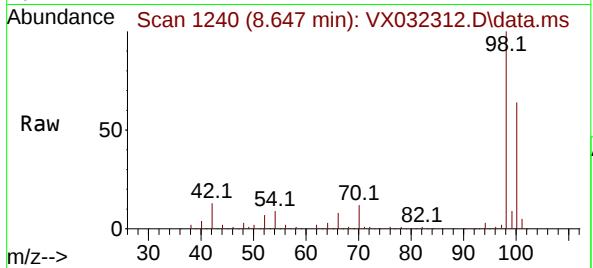




#50
Toluene-d8
Concen: 46.700 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032312.D
Acq: 22 Oct 2022 01:42

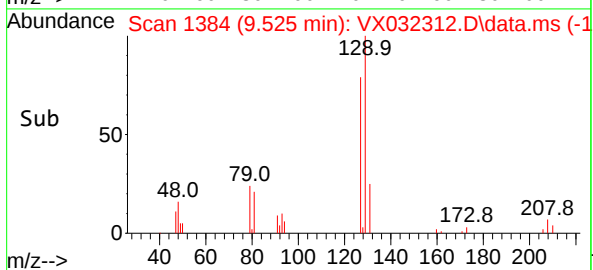
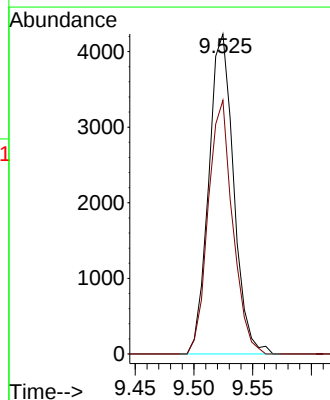
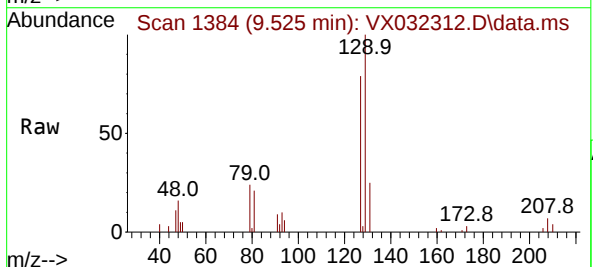
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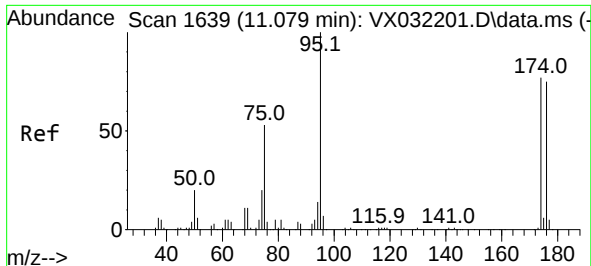
Tgt Ion: 98 Resp: 271932
Ion Ratio Lower Upper
98 100
100 63.5 50.7 76.1



#60
Dibromochloromethane
Concen: 3.839 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX032312.D
Acq: 22 Oct 2022 01:42

Tgt Ion: 129 Resp: 6245
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.2





#62

4-Bromofluorobenzene

Concen: 45.198 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032312.D

Acq: 22 Oct 2022 01:42

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-5-20221018

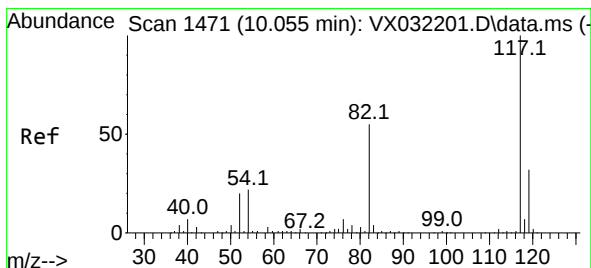
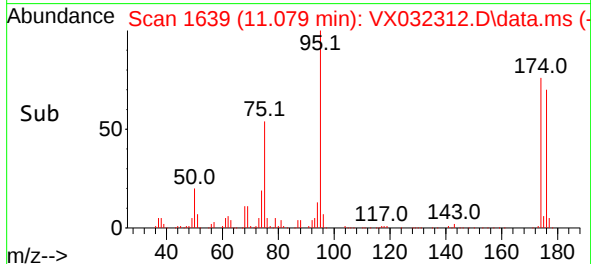
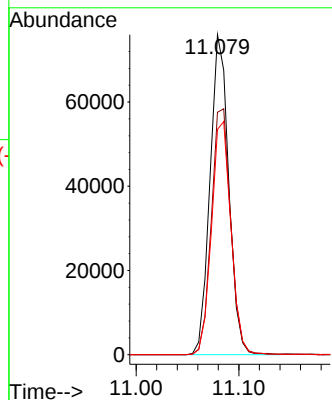
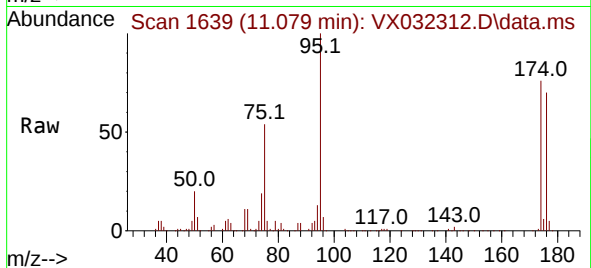
Tgt Ion: 95 Resp: 96373

Ion Ratio Lower Upper

95 100

174 79.9 0.0 166.8

176 75.8 0.0 161.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX032312.D

Acq: 22 Oct 2022 01:42

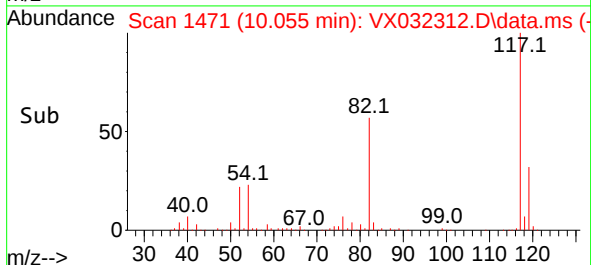
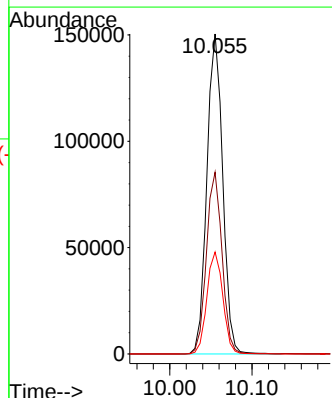
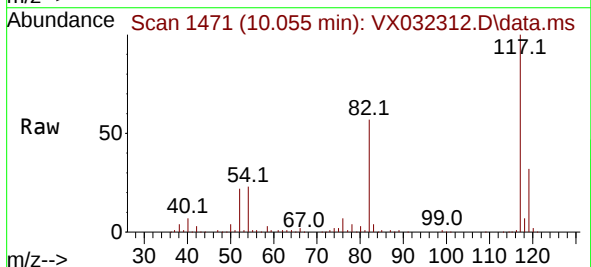
Tgt Ion: 117 Resp: 201161

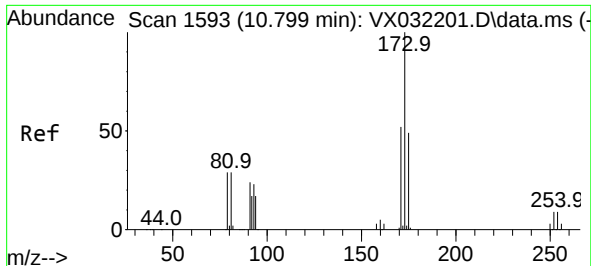
Ion Ratio Lower Upper

117 100

82 56.8 44.2 66.4

119 31.9 25.8 38.8

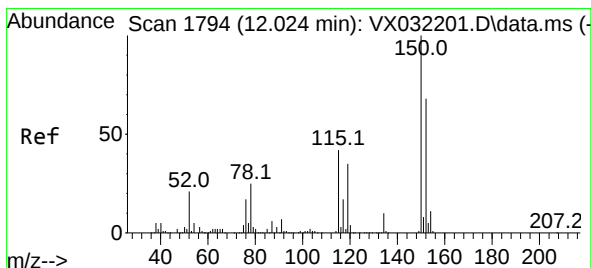
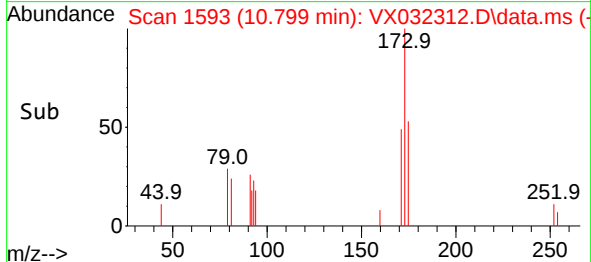
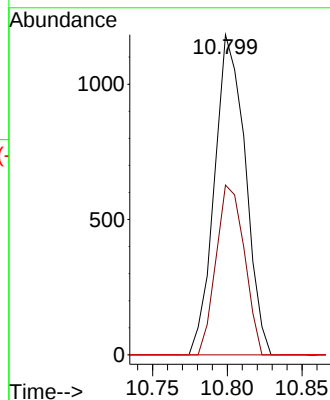
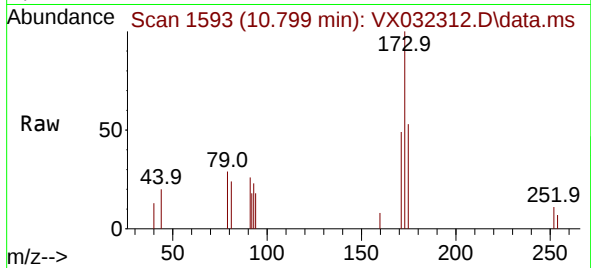




#71
Bromoform
Concen: 3.436 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX032312.D
Acq: 22 Oct 2022 01:42

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Tgt Ion:173 Resp: 1694
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032312.D
Acq: 22 Oct 2022 01:42

Tgt Ion:152 Resp: 93526
Ion Ratio Lower Upper
152 100
115 61.3 43.1 129.4
150 158.3 0.0 348.6

