

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038863.D
 Acq On : 17 Nov 2023 01:09
 Operator : JC/MD
 Sample : 05241-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EVAL-01S-20231102

Quant Time: Nov 17 03:24:03 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)

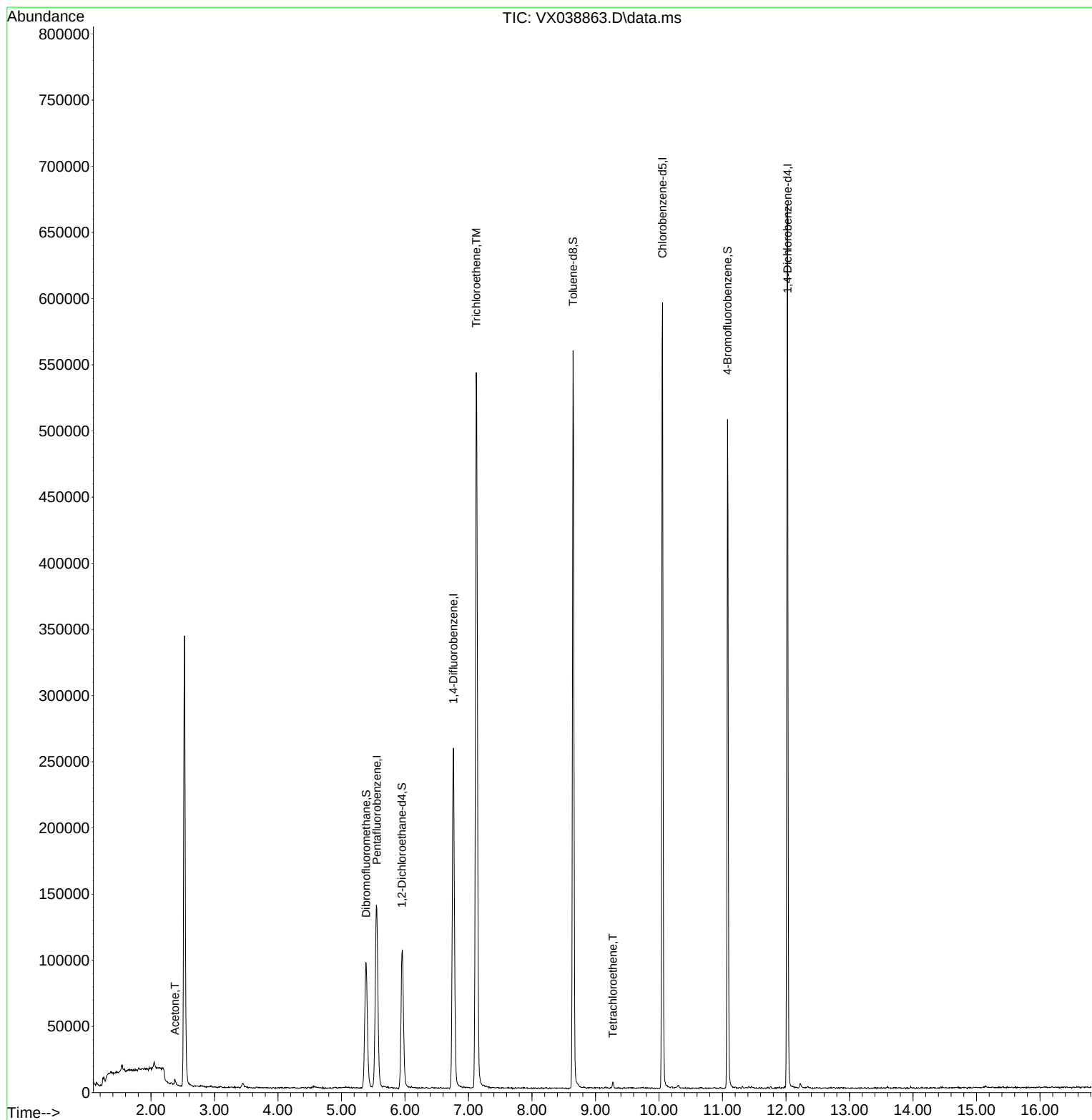
Internal Standards						
1) Pentafluorobenzene	5.556	168	127921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	263240	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98023	47.555	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.120%
35) Dibromofluoromethane	5.385	113	84404	44.396	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.800%
50) Toluene-d8	8.647	98	332931	45.770	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.540%#
62) 4-Bromofluorobenzene	11.079	95	142375	48.895	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.800%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	4305	3.923	ug/l	92
44) Trichloroethene	7.123	130	201915	102.929	ug/l	94
64) Tetrachloroethene	9.275	164	715	0.424	ug/l #	66

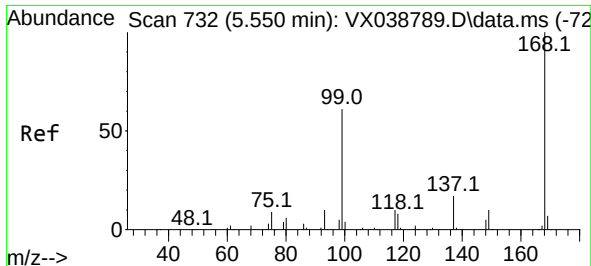
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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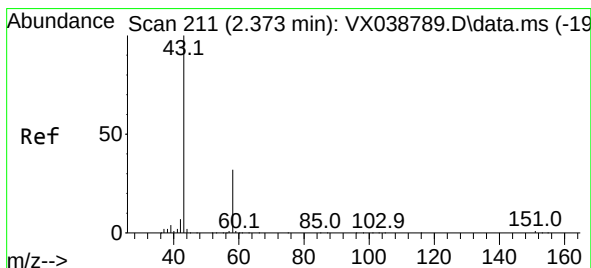
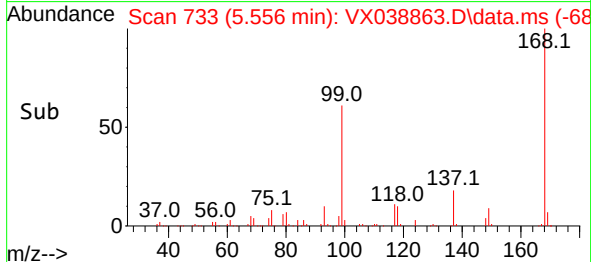
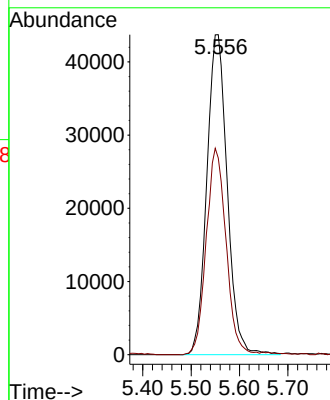
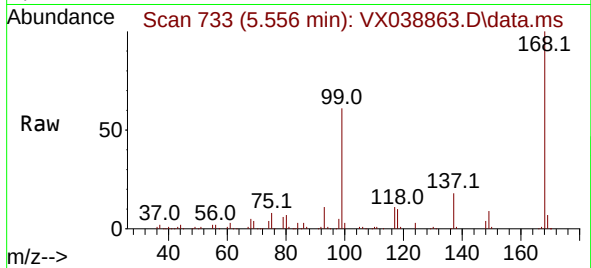




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038863.D
Acq: 17 Nov 2023 01:09

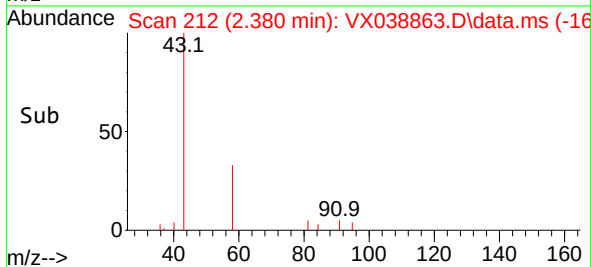
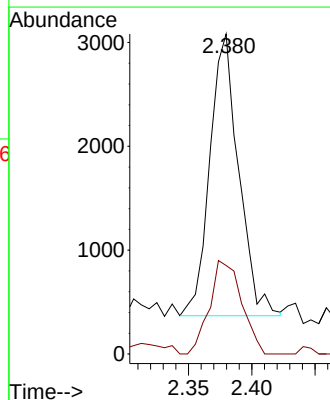
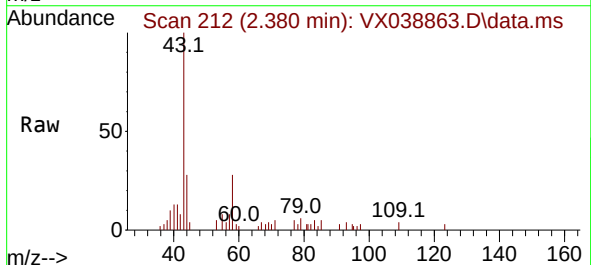
Instrument :
MSVOA_X
ClientSampleId :
FSND-EVAL-01S-20231102

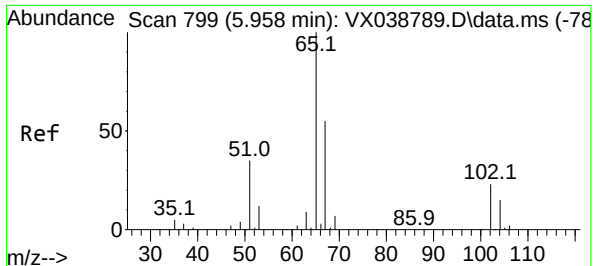
Tgt Ion:168 Resp: 127921
Ion Ratio Lower Upper
168 100
99 61.5 56.6 85.0



#16
Acetone
Concen: 3.923 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038863.D
Acq: 17 Nov 2023 01:09

Tgt Ion: 43 Resp: 4305
Ion Ratio Lower Upper
43 100
58 31.4 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 47.555 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038863.D

Acq: 17 Nov 2023 01:09

Instrument :

MSVOA_X

ClientSampleId :

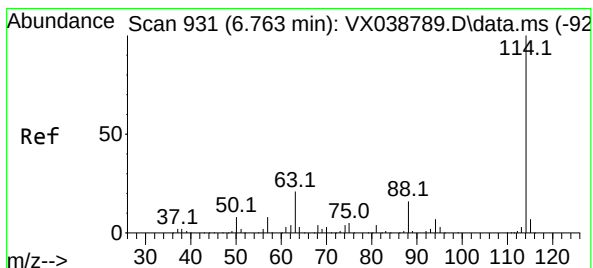
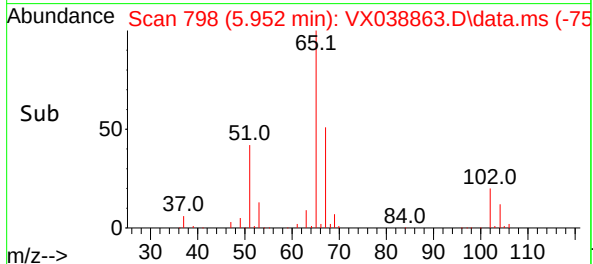
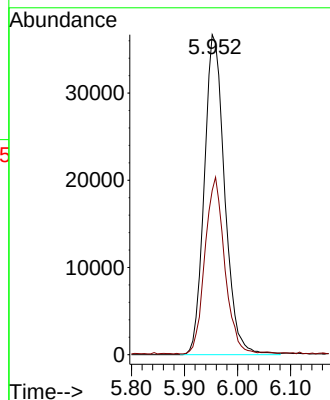
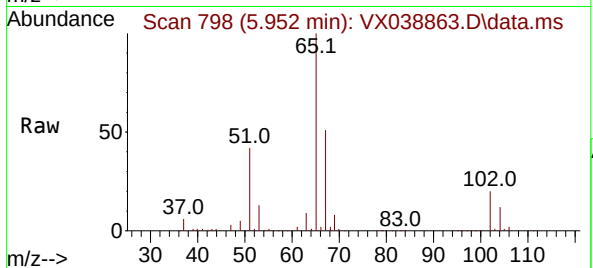
FSND-EVAL-01S-20231102

Tgt Ion: 65 Resp: 98023

Ion Ratio Lower Upper

65 100

67 53.5 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: VX038863.D

Acq: 17 Nov 2023 01:09

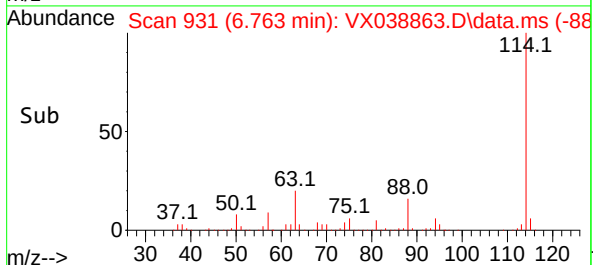
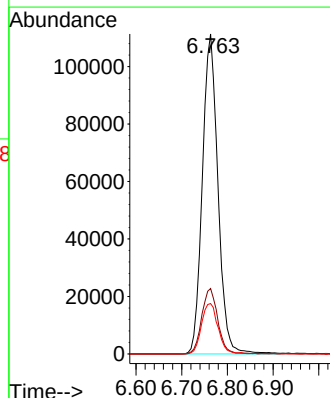
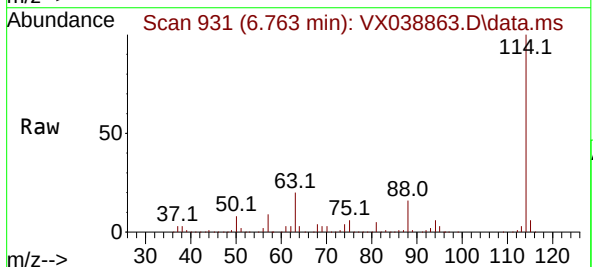
Tgt Ion: 114 Resp: 263240

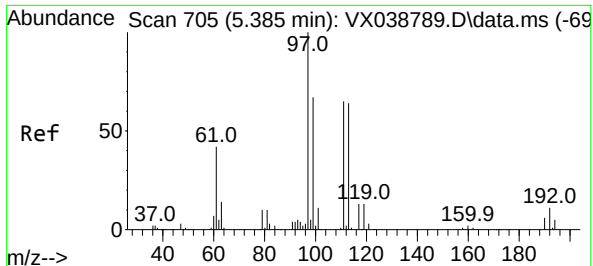
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

88 15.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.396 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038863.D

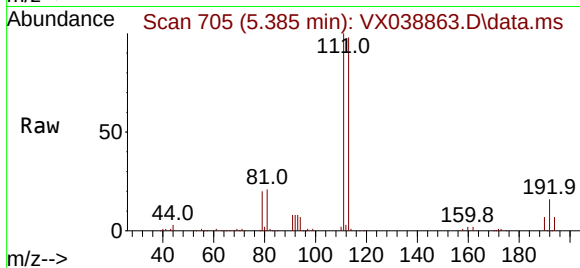
Acq: 17 Nov 2023 01:09

Instrument :

MSVOA_X

ClientSampleId :

FSND-EVAL-01S-20231102



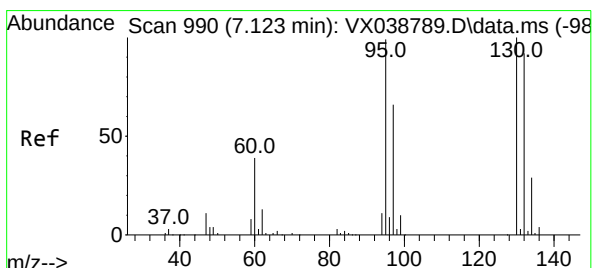
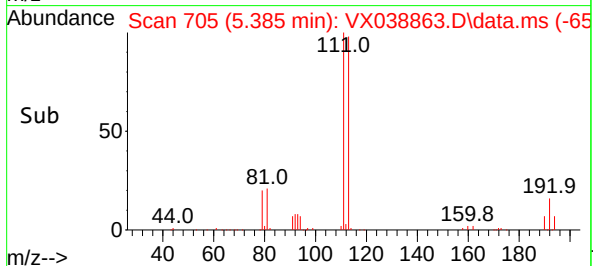
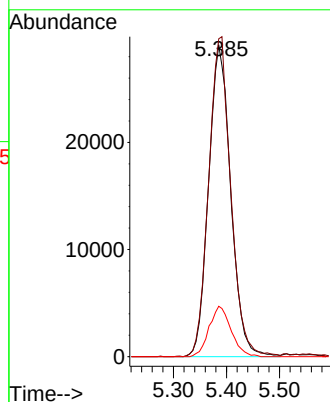
Tgt Ion:113 Resp: 84404

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

192 16.1 13.3 19.9



#44

Trichloroethene

Concen: 102.929 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX038863.D

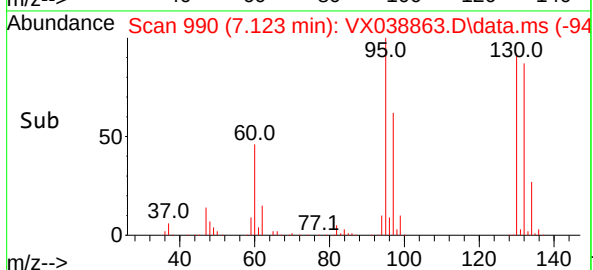
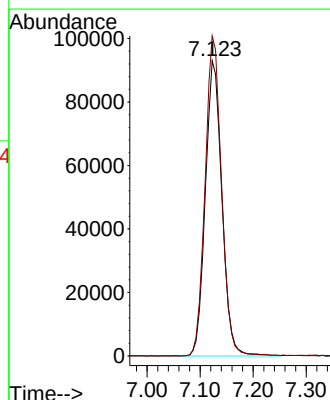
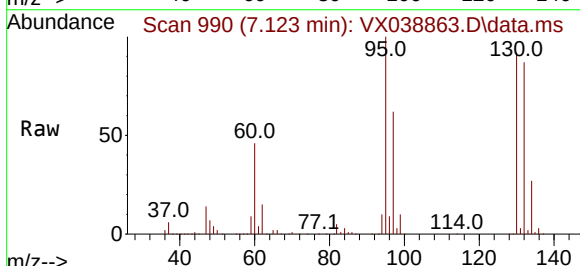
Acq: 17 Nov 2023 01:09

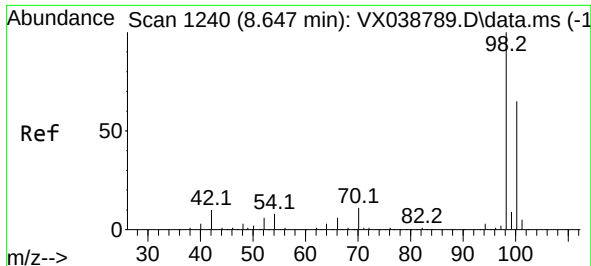
Tgt Ion:130 Resp: 201915

Ion Ratio Lower Upper

130 100

95 108.4 0.0 204.4





#50

Toluene-d8

Concen: 45.770 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038863.D

Acq: 17 Nov 2023 01:09

Instrument :

MSVOA_X

ClientSampleId :

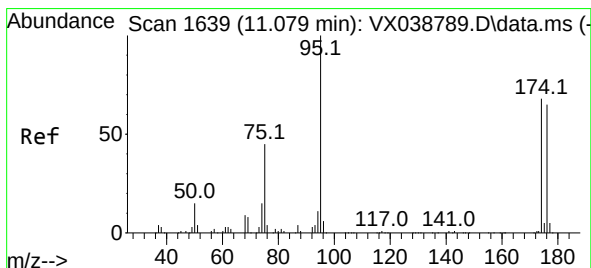
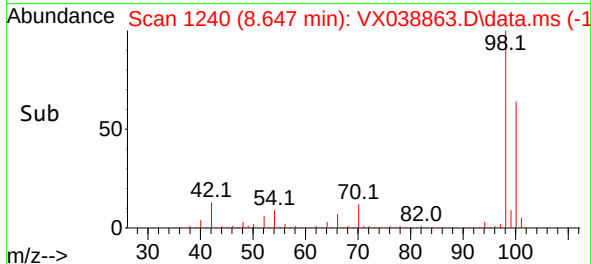
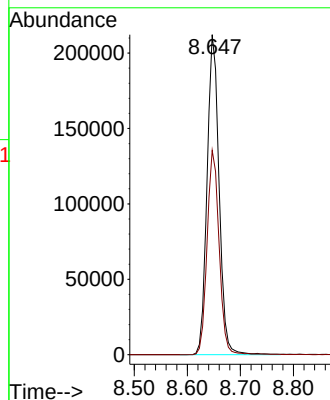
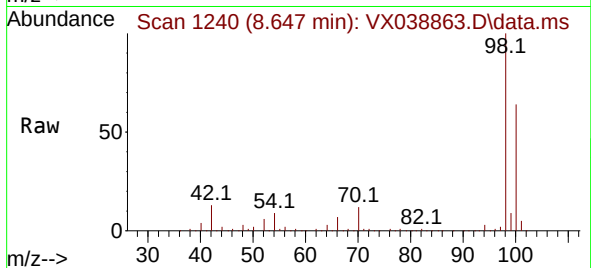
FSND-EVAL-01S-20231102

Tgt Ion: 98 Resp: 332931

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 48.895 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038863.D

Acq: 17 Nov 2023 01:09

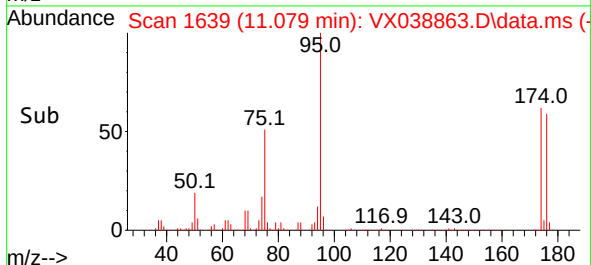
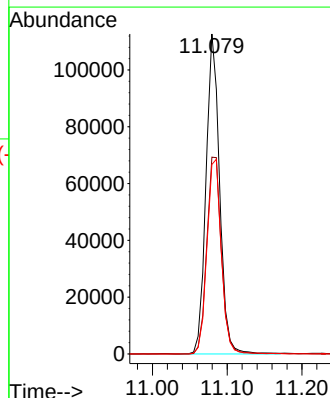
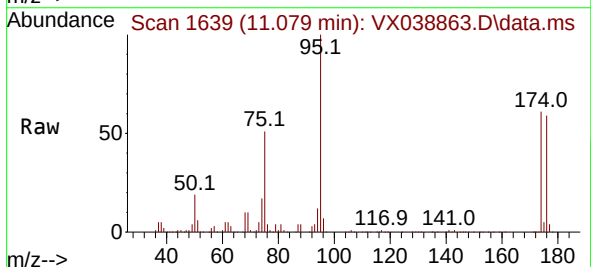
Tgt Ion: 95 Resp: 142375

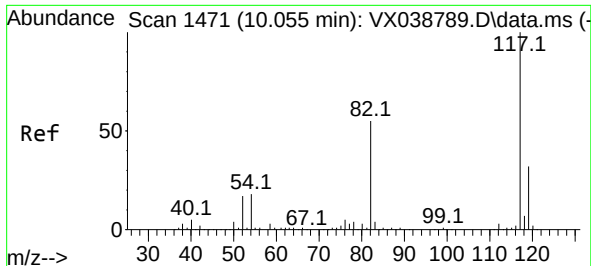
Ion Ratio Lower Upper

95 100

174 66.3 0.0 135.6

176 64.2 0.0 131.0

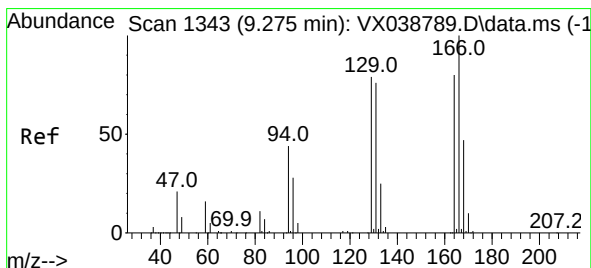
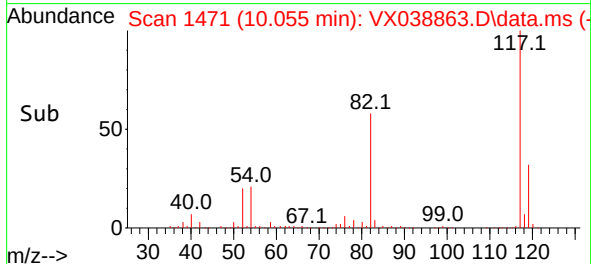
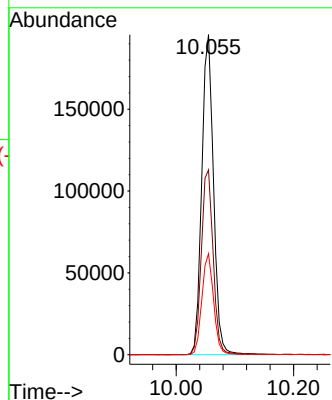
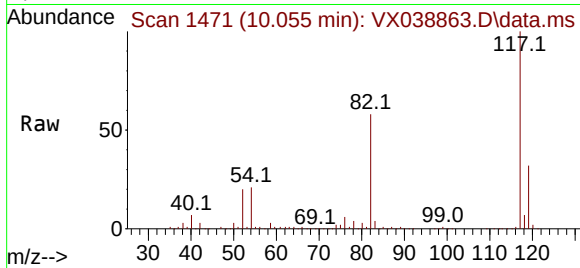




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038863.D
Acq: 17 Nov 2023 01:09

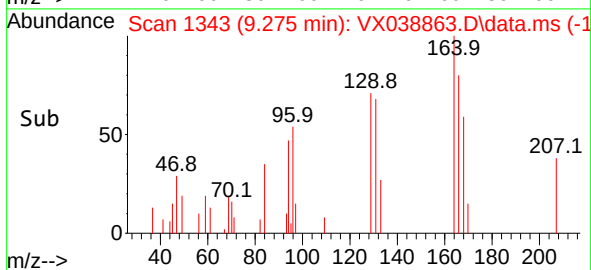
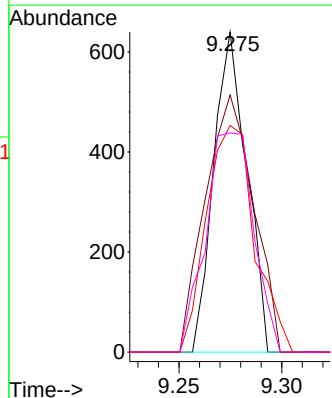
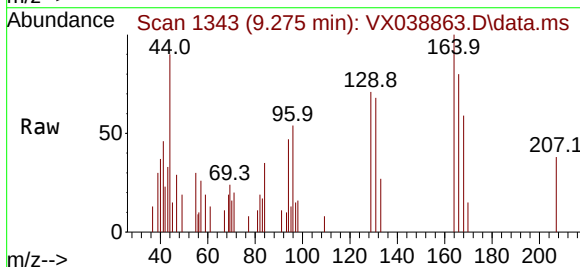
Instrument : MSVOA_X
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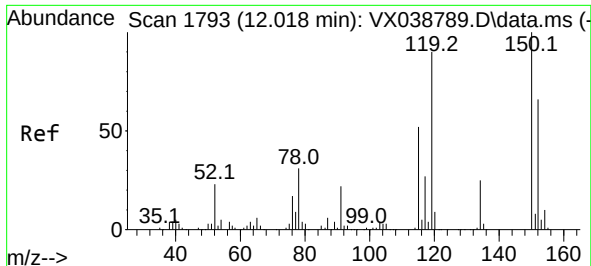
Tgt Ion:117 Resp: 271088
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 31.6 25.5 38.3



#64
Tetrachloroethene
Concen: 0.424 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038863.D
Acq: 17 Nov 2023 01:09

Tgt Ion:164 Resp: 715
Ion Ratio Lower Upper
164 100
166 80.3 102.7 154.1#
129 70.8 80.4 120.6#
131 68.4 76.5 114.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038863.D

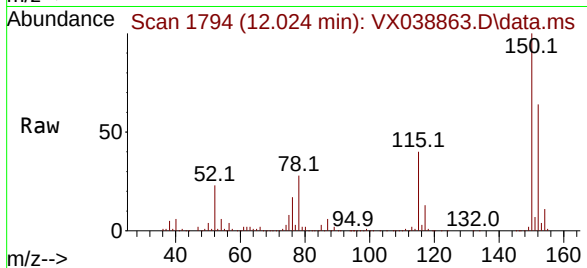
Acq: 17 Nov 2023 01:09

Instrument :

MSVOA_X

ClientSampleId :

FSND-EVAL-01S-20231102



Tgt Ion:152 Resp: 135134

Ion Ratio Lower Upper

152 100

115 65.0 43.3 129.9

150 157.1 0.0 345.0

