

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038664.D
 Acq On : 08 Nov 2023 18:22
 Operator : JC/MD
 Sample : 05223-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-36-20231030

Quant Time: Nov 09 01:22:15 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)

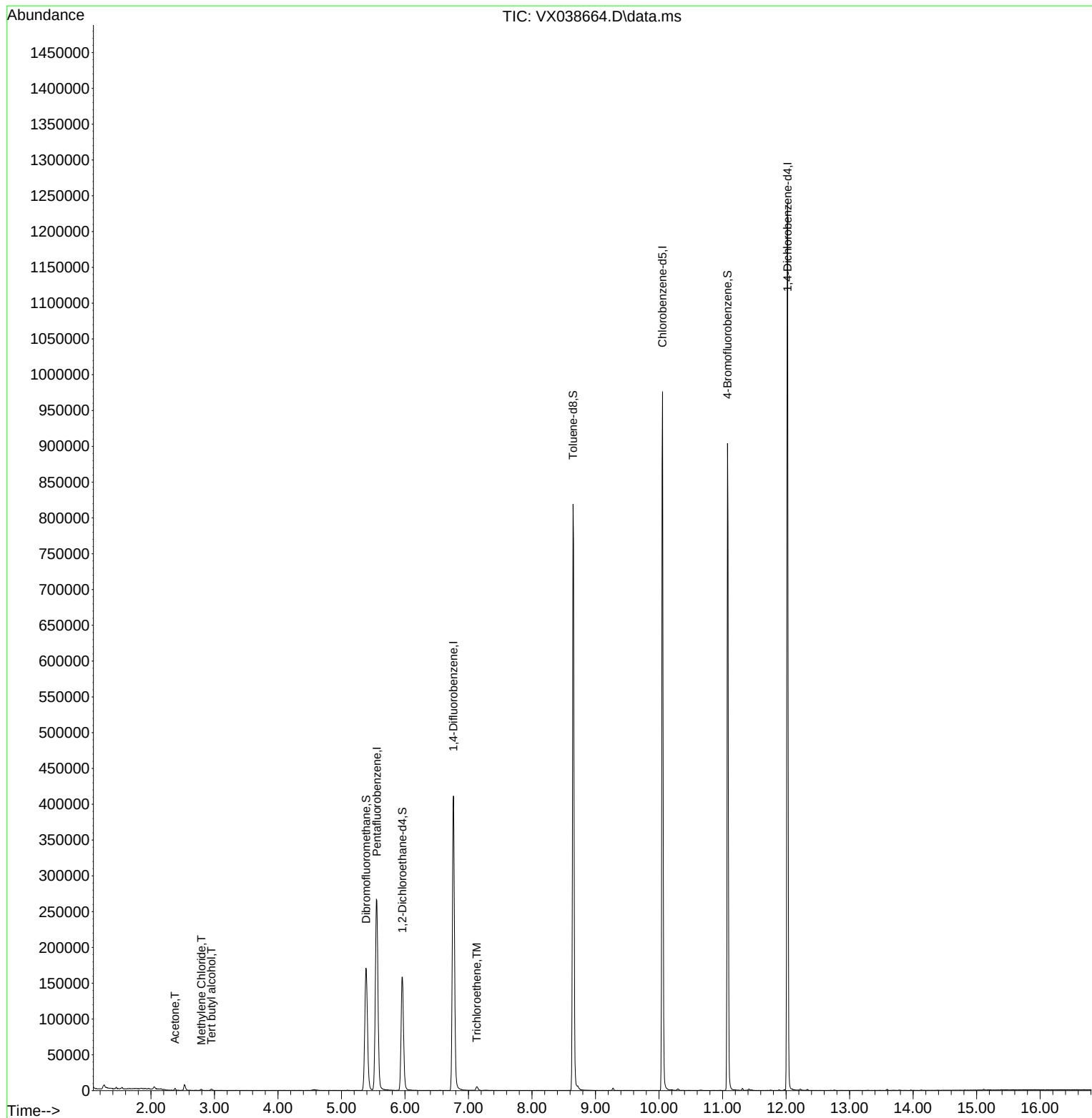
Internal Standards						
1) Pentafluorobenzene	5.556	168	276271	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	453257	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	478476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	288261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160514	46.668	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.340%
35) Dibromofluoromethane	5.385	113	155574	47.656	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.320%
50) Toluene-d8	8.647	98	526175	45.043	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.080%#
62) 4-Bromofluorobenzene	11.079	95	242362	53.512	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.020%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	1575	2.240	ug/l	# 87
16) Acetone	2.380	43	2788	1.925	ug/l	# 80
20) Methylene Chloride	2.794	84	973	0.333	ug/l	# 72
44) Trichloroethene	7.129	130	2499	0.688	ug/l	91

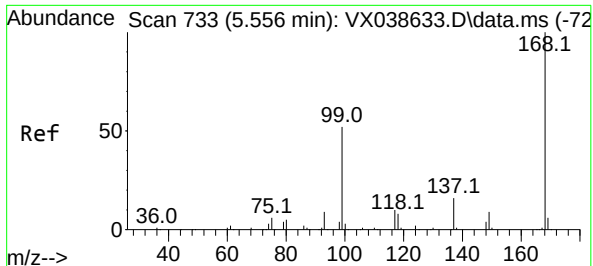
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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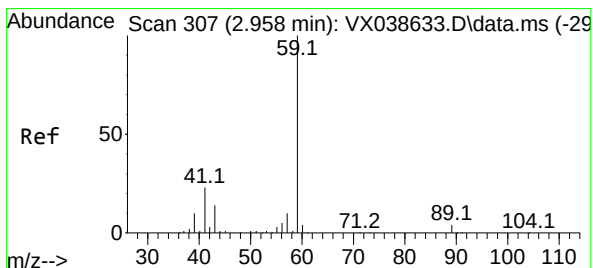
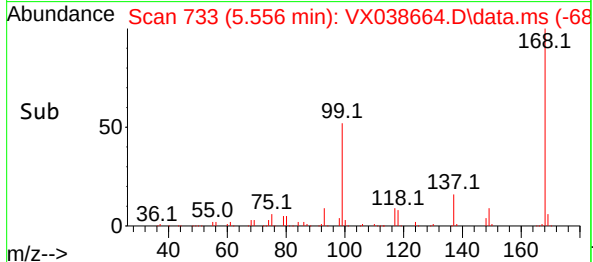
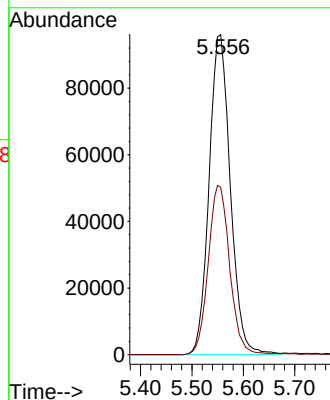
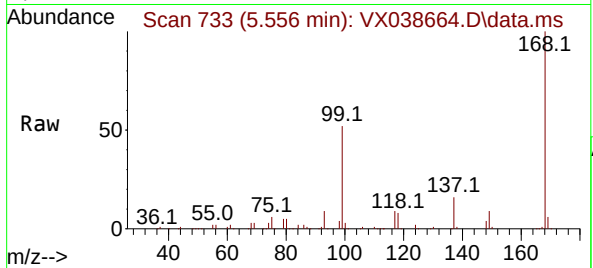




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038664.D
Acq: 08 Nov 2023 18:22

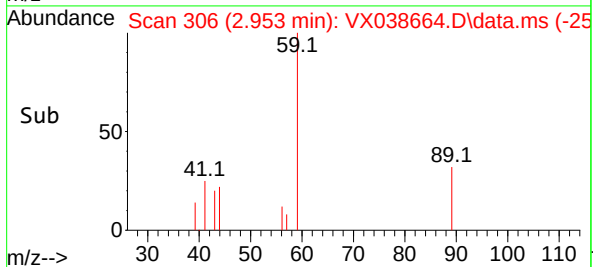
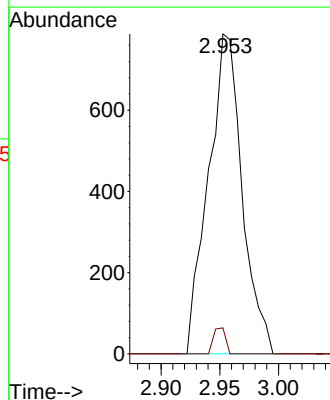
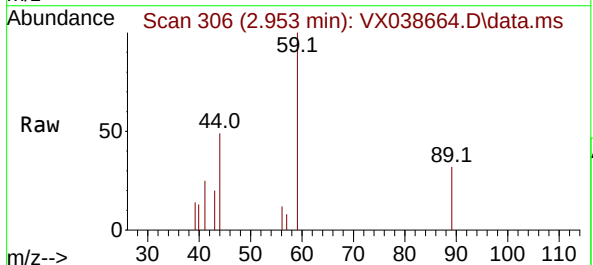
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-36-20231030

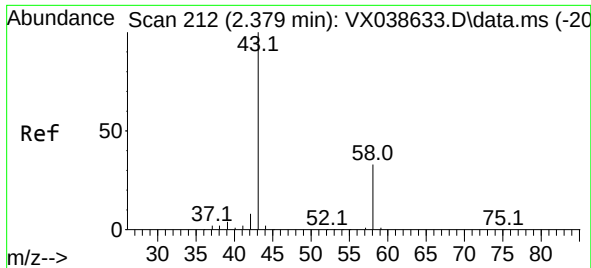
Tgt Ion:168 Resp: 276271
Ion Ratio Lower Upper
168 100
99 52.3 56.6 85.0#



#11
Tert butyl alcohol
Concen: 2.240 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038664.D
Acq: 08 Nov 2023 18:22

Tgt Ion: 59 Resp: 1575
Ion Ratio Lower Upper
59 100
57 2.9 6.0 9.0#

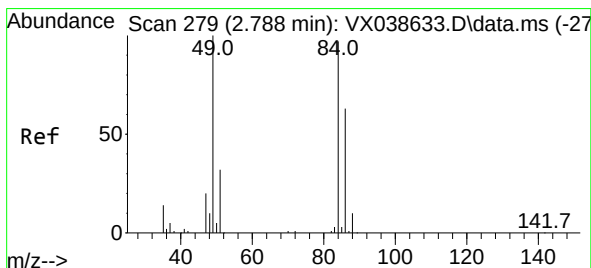
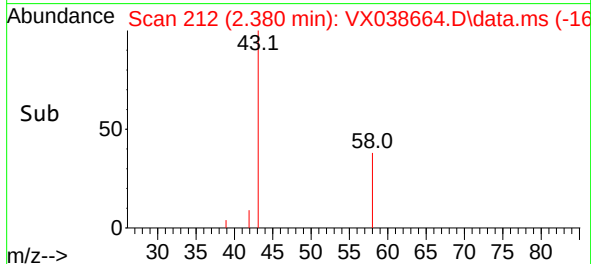
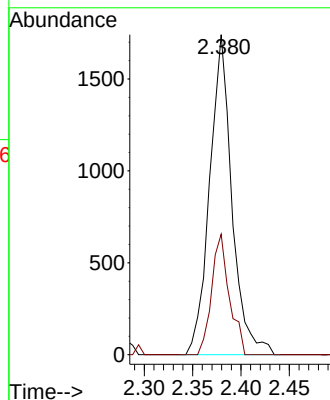
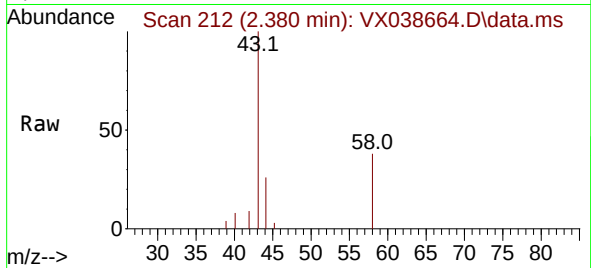




#16
Acetone
Concen: 1.925 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038664.D
Acq: 08 Nov 2023 18:22

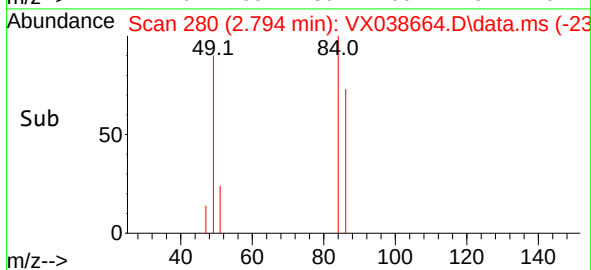
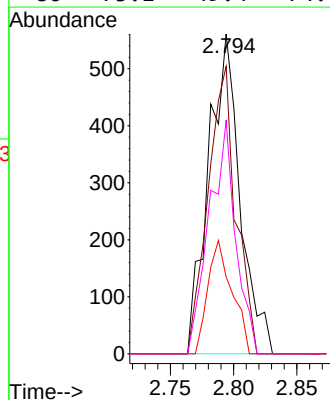
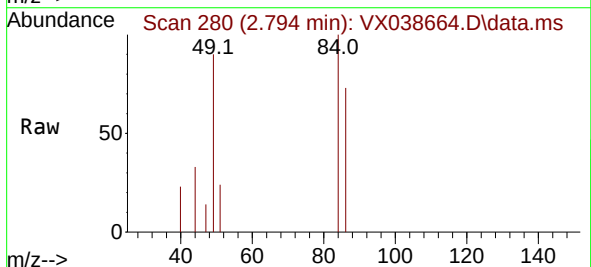
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-36-20231030

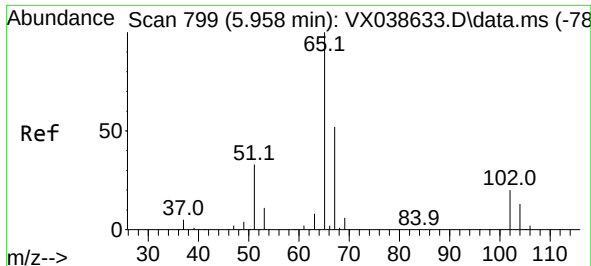
Tgt Ion: 43 Resp: 2788
Ion Ratio Lower Upper
43 100
58 37.7 21.9 32.9#



#20
Methylene Chloride
Concen: 0.333 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038664.D
Acq: 08 Nov 2023 18:22

Tgt Ion: 84 Resp: 973
Ion Ratio Lower Upper
84 100
49 89.8 103.6 155.4#
51 24.1 33.8 50.6#
86 73.1 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 46.668 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038664.D

Acq: 08 Nov 2023 18:22

Instrument :

MSVOA_X

ClientSampleId :

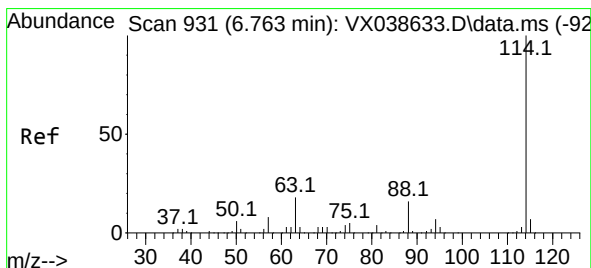
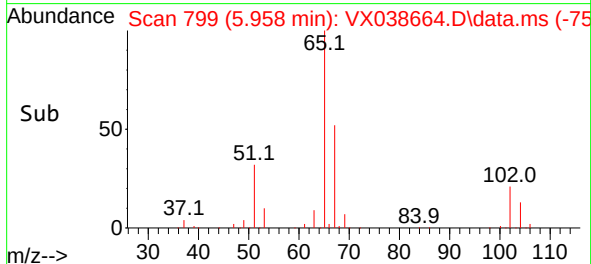
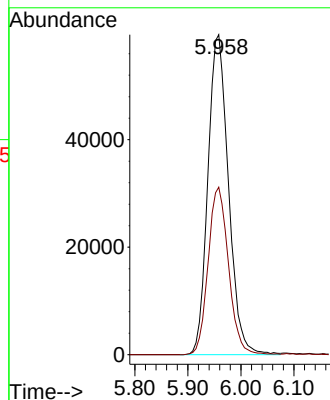
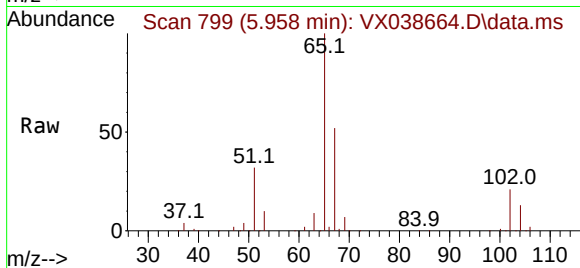
FSND-MW-36-20231030

Tgt Ion: 65 Resp: 160514

Ion Ratio Lower Upper

65 100

67 51.9 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: VX038664.D

Acq: 08 Nov 2023 18:22

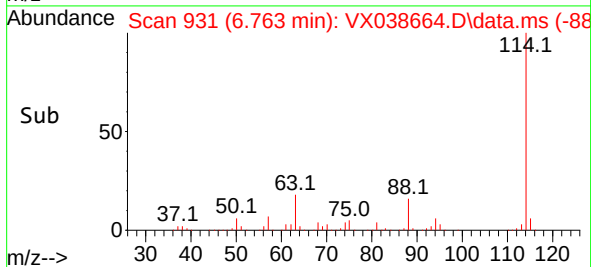
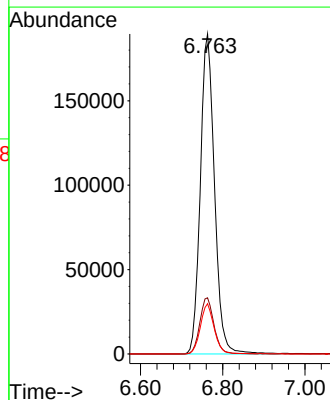
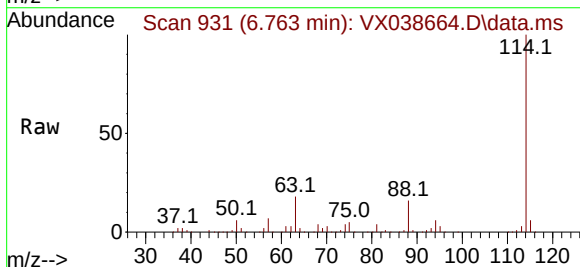
Tgt Ion: 114 Resp: 453257

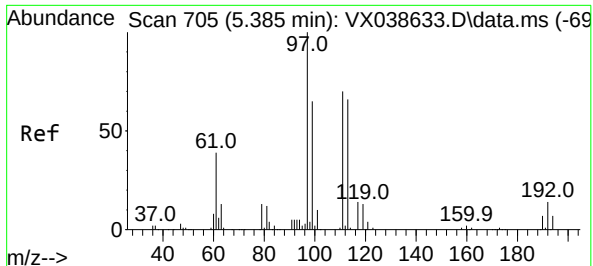
Ion Ratio Lower Upper

114 100

63 17.6 0.0 45.0

88 15.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.656 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038664.D

Acq: 08 Nov 2023 18:22

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-36-20231030

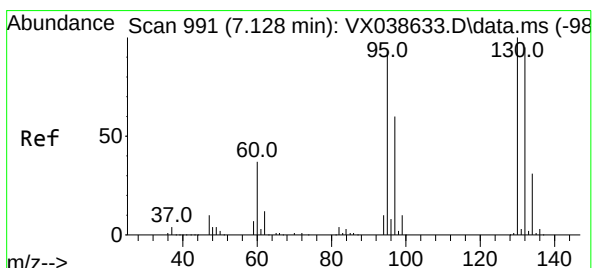
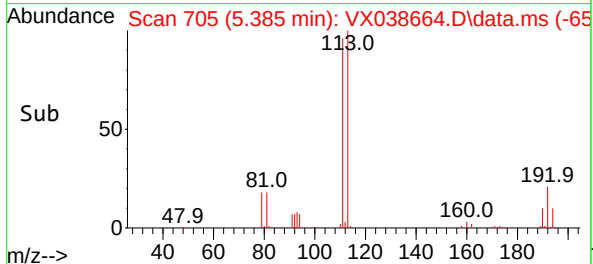
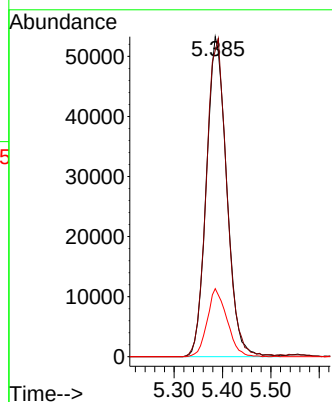
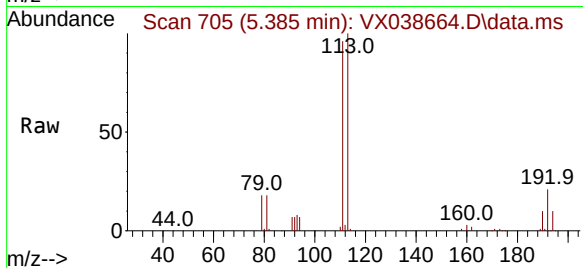
Tgt Ion:113 Resp: 155574

Ion Ratio Lower Upper

113 100

111 100.1 82.9 124.3

192 20.6 13.3 19.9#



#44

Trichloroethene

Concen: 0.688 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX038664.D

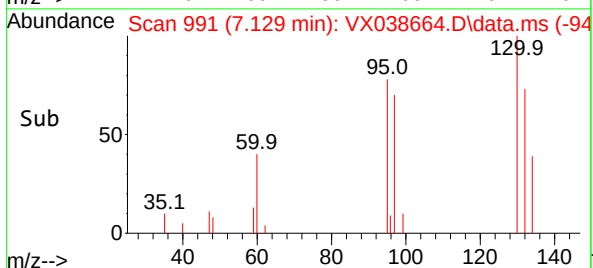
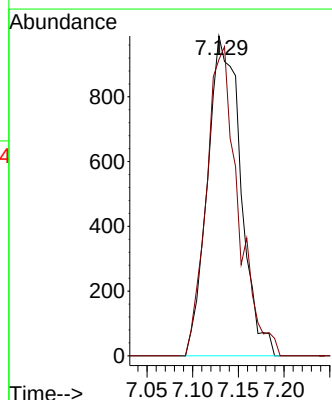
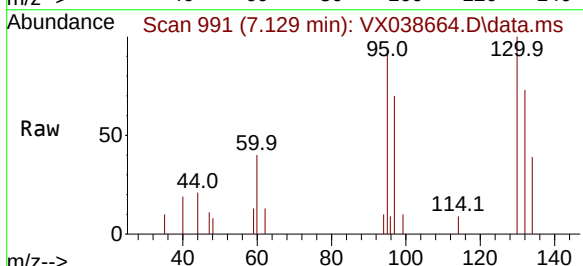
Acq: 08 Nov 2023 18:22

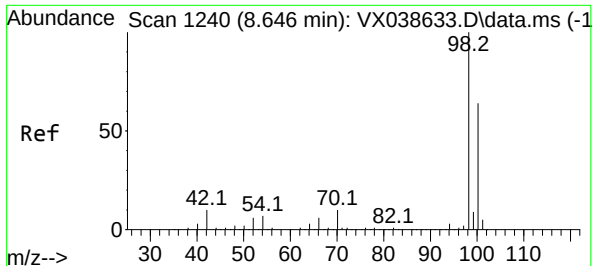
Tgt Ion:130 Resp: 2499

Ion Ratio Lower Upper

130 100

95 92.6 0.0 204.4





#50

Toluene-d8

Concen: 45.043 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038664.D

Acq: 08 Nov 2023 18:22

Instrument :

MSVOA_X

ClientSampleId :

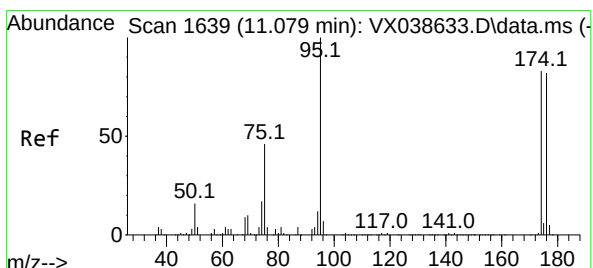
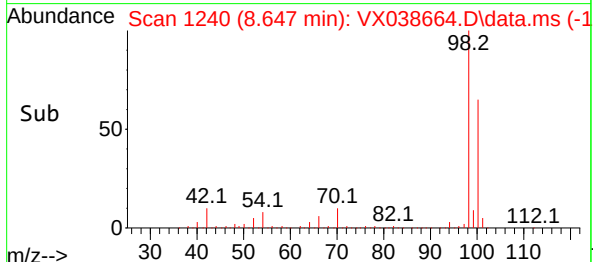
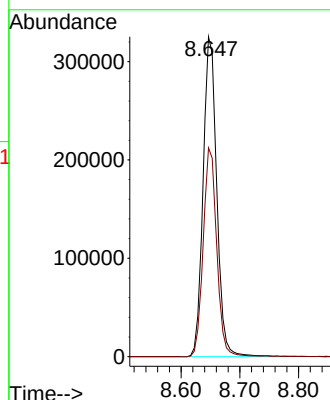
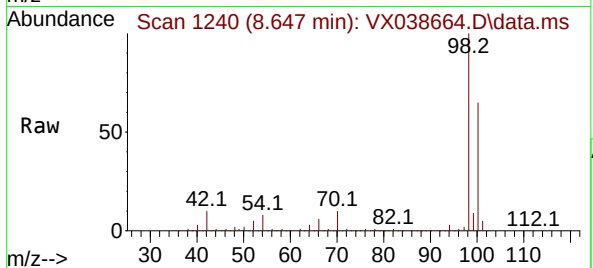
FSND-MW-36-20231030

Tgt Ion: 98 Resp: 526175

Ion Ratio Lower Upper

98 100

100 64.9 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 53.512 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038664.D

Acq: 08 Nov 2023 18:22

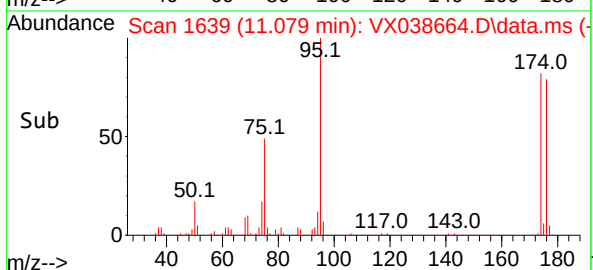
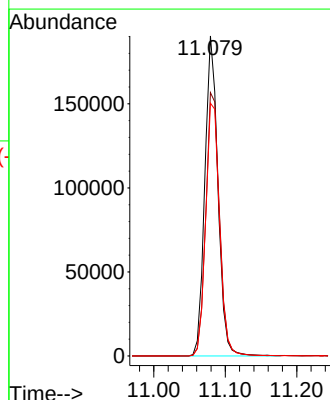
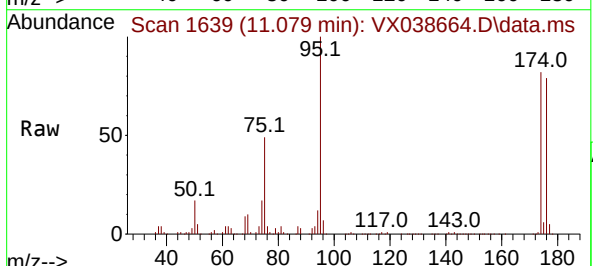
Tgt Ion: 95 Resp: 242362

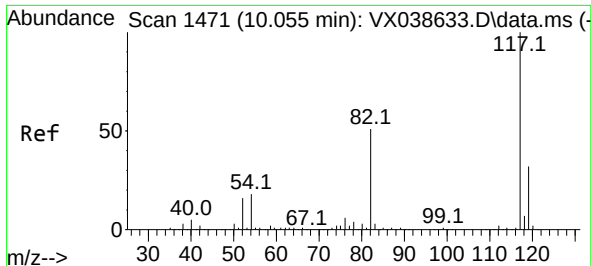
Ion Ratio Lower Upper

95 100

174 86.5 0.0 135.6

176 84.1 0.0 131.0

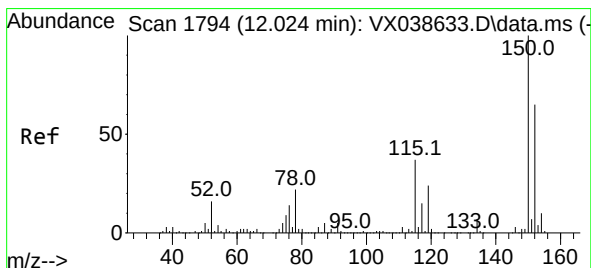
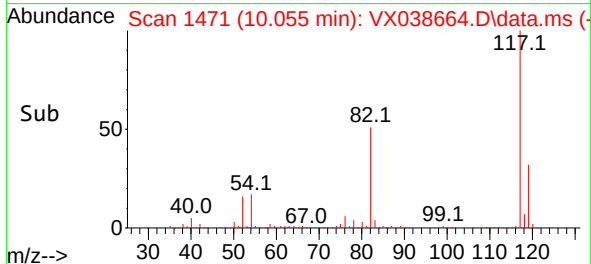
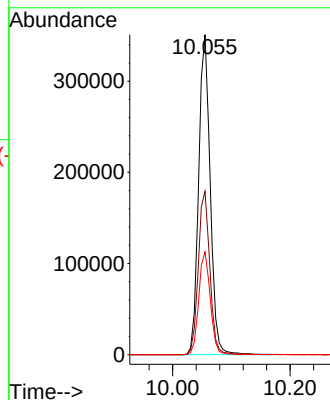
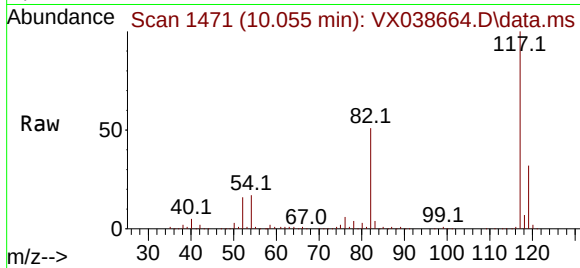




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038664.D
Acq: 08 Nov 2023 18:22

Instrument :
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Tgt Ion:117 Resp: 478476
Ion Ratio Lower Upper
117 100
82 51.1 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038664.D
Acq: 08 Nov 2023 18:22

Tgt Ion:152 Resp: 288261
Ion Ratio Lower Upper
152 100
115 57.7 43.3 129.9
150 156.7 0.0 345.0

