

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051923\
 Data File : VX035771.D
 Acq On : 19 May 2023 19:23
 Operator : JC/MD
 Sample : 02860-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EQB-12-05172023

Quant Time: May 22 05:20:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

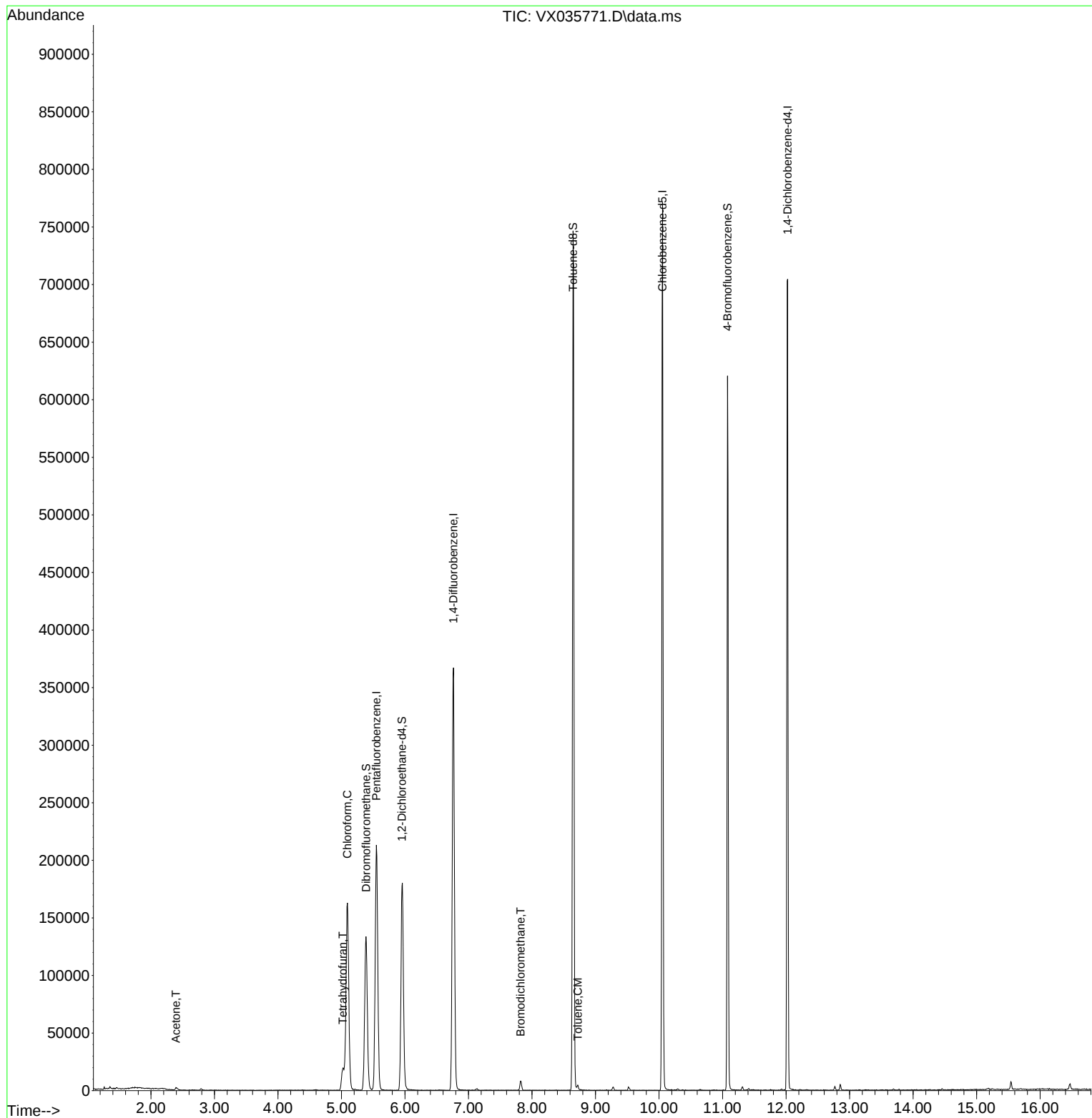
Internal Standards						
1) Pentafluorobenzene	5.550	168	178473	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	347371	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	182743	58.693	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	117.380%#
35) Dibromofluoromethane	5.385	113	115928	49.486	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.980%
50) Toluene-d8	8.647	98	413960	47.832	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.660%
62) 4-Bromofluorobenzene	11.079	95	160493	46.058	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.120%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	3203	2.394	ug/l	# 84
29) Tetrahydrofuran	5.019	42	21003	18.039	ug/l	95
30) Chloroform	5.092	83	183630	40.191	ug/l	100
47) Bromodichloromethane	7.817	83	4947	1.365	ug/l	95
52) Toluene	8.720	92	1449	0.222	ug/l	84

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

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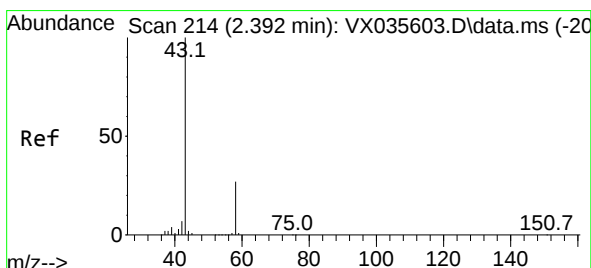
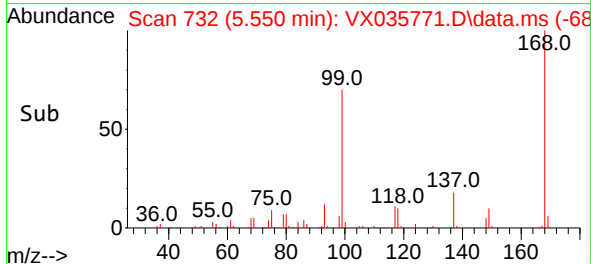
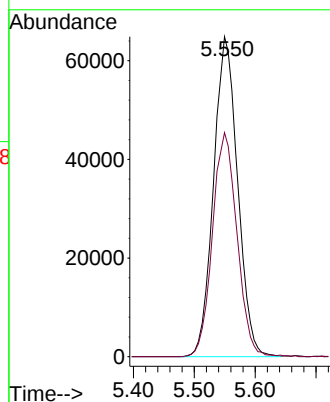
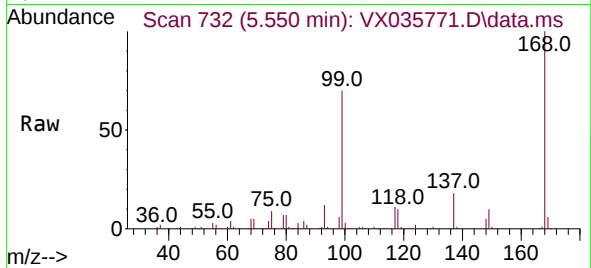




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX035771.D
Acq: 19 May 2023 19:23

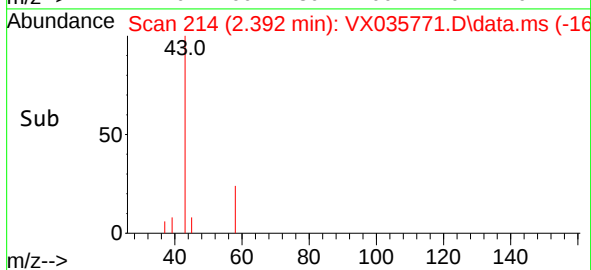
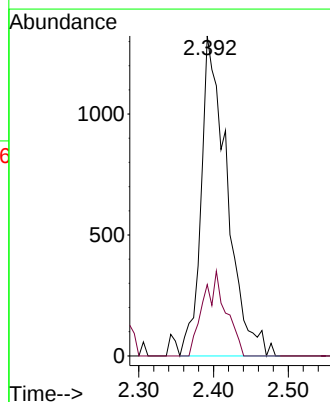
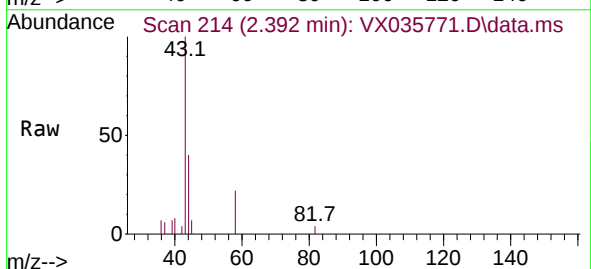
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-12-05172023

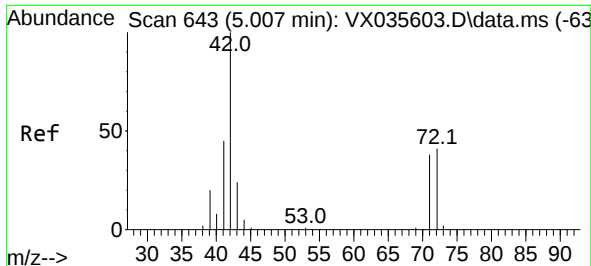
Tgt Ion:168 Resp: 178473
Ion Ratio Lower Upper
168 100
99 70.0 45.7 68.5#



#16
Acetone
Concen: 2.394 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035771.D
Acq: 19 May 2023 19:23

Tgt Ion: 43 Resp: 3203
Ion Ratio Lower Upper
43 100
58 22.3 24.7 37.1#





#29

Tetrahydrofuran

Concen: 18.039 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX035771.D

Acq: 19 May 2023 19:23

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-12-05172023

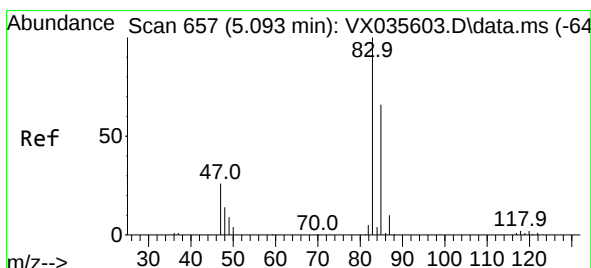
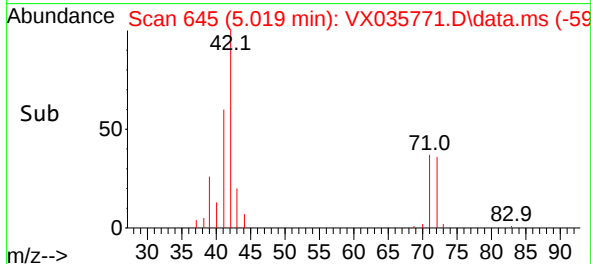
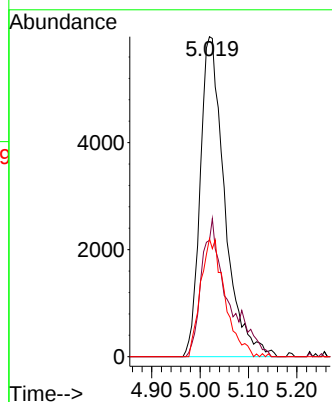
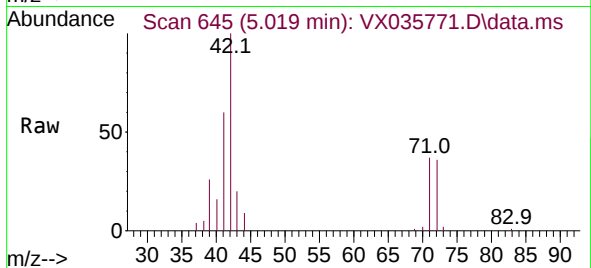
Tgt Ion: 42 Resp: 21003

Ion Ratio Lower Upper

42 100

72 45.9 34.5 51.7

71 36.6 32.1 48.1



#30

Chloroform

Concen: 40.191 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.001 min

Lab File: VX035771.D

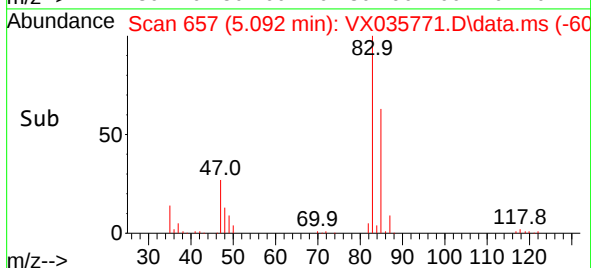
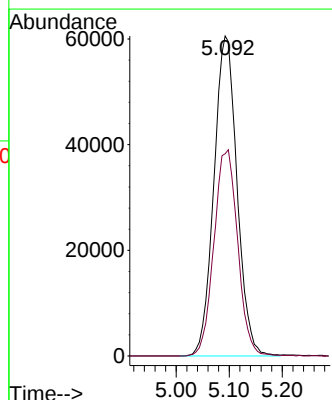
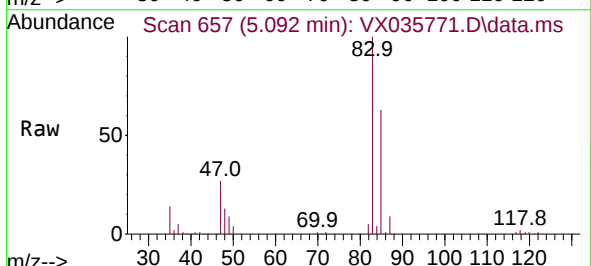
Acq: 19 May 2023 19:23

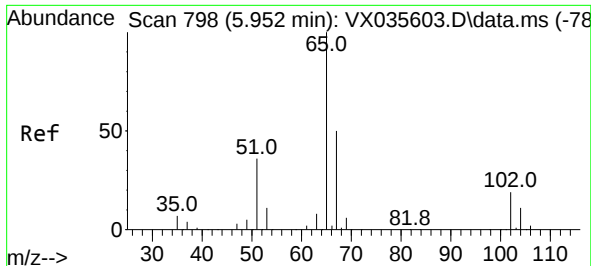
Tgt Ion: 83 Resp: 183630

Ion Ratio Lower Upper

83 100

85 63.2 50.6 76.0

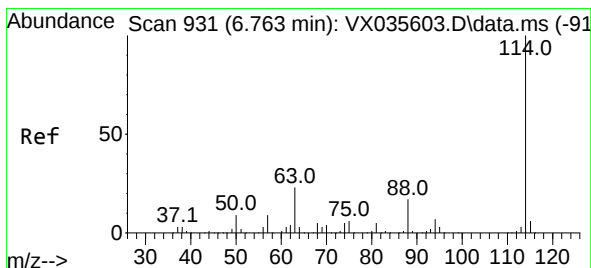
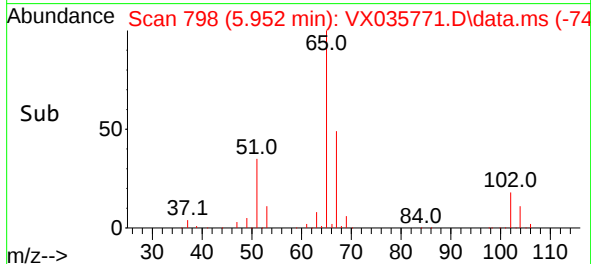
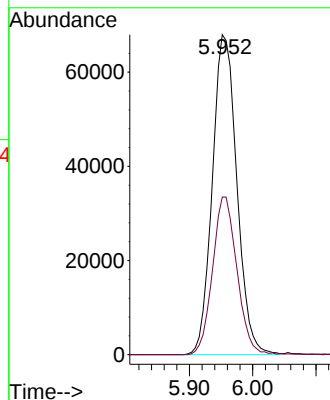
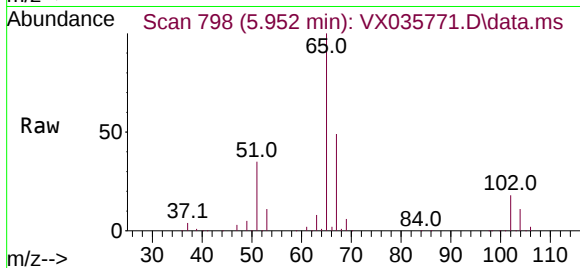




#33
 1,2-Dichloroethane-d4
 Concen: 58.693 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX035771.D
 Acq: 19 May 2023 19:23

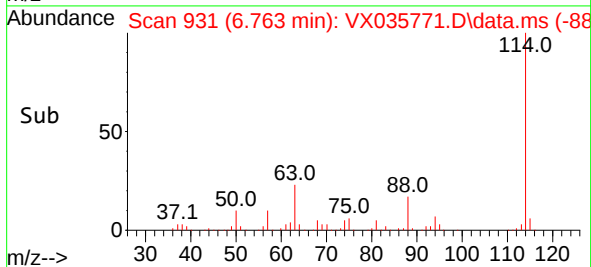
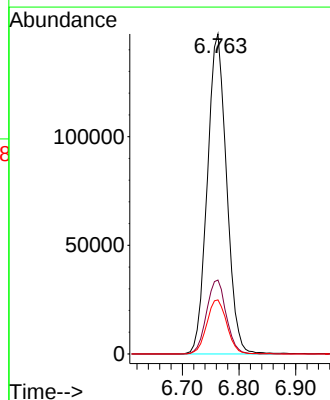
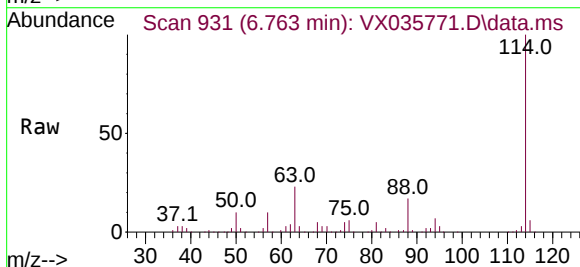
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EQB-12-05172023

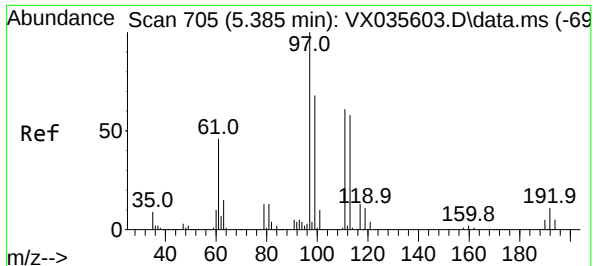
Tgt Ion: 65 Resp: 182743
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX035771.D
 Acq: 19 May 2023 19:23

Tgt Ion: 114 Resp: 347371
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 42.2
 88 16.9 0.0 33.2

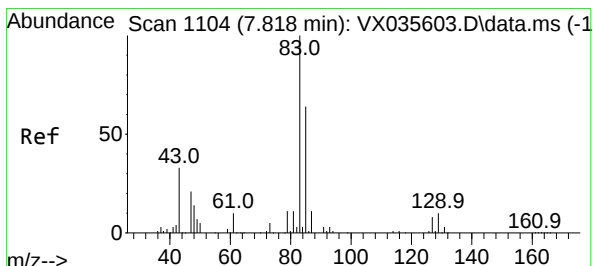
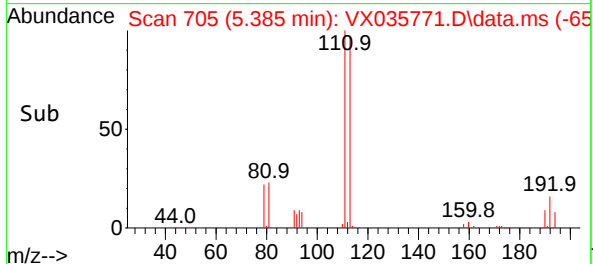
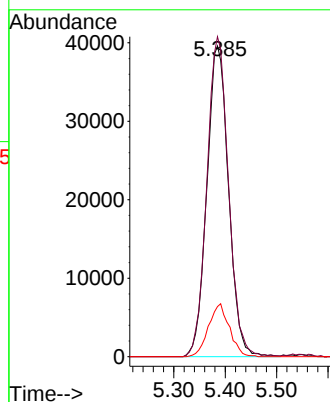
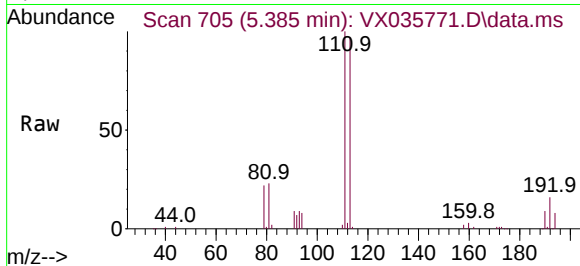




#35
Dibromofluoromethane
Concen: 49.486 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035771.D
Acq: 19 May 2023 19:23

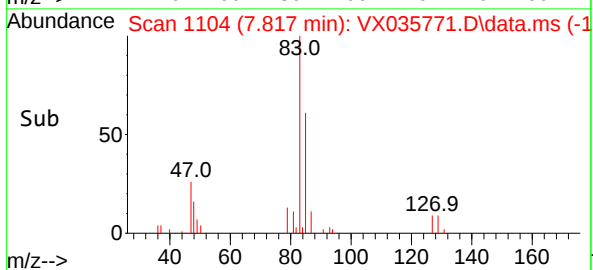
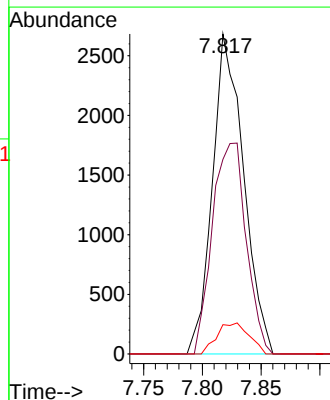
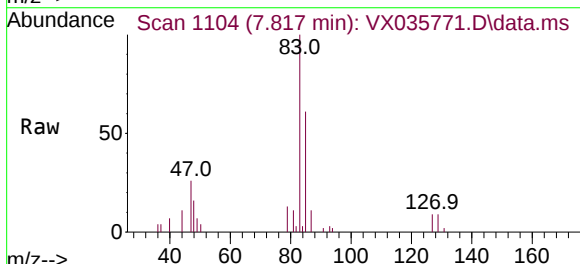
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-12-05172023

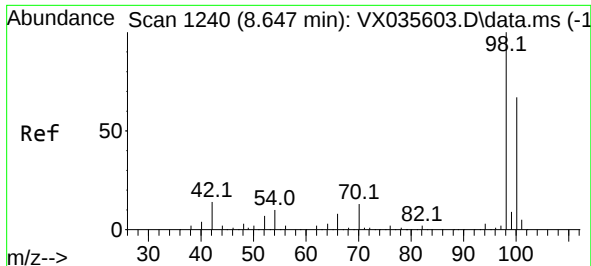
Tgt Ion:113 Resp: 115928
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 16.4 15.4 23.2



#47
Bromodichloromethane
Concen: 1.365 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.001 min
Lab File: VX035771.D
Acq: 19 May 2023 19:23

Tgt Ion: 83 Resp: 4947
Ion Ratio Lower Upper
83 100
85 60.8 52.2 78.4
127 9.2 6.6 9.8

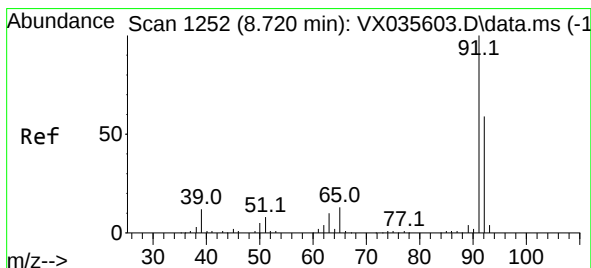
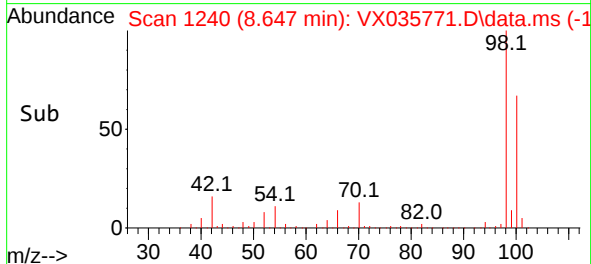
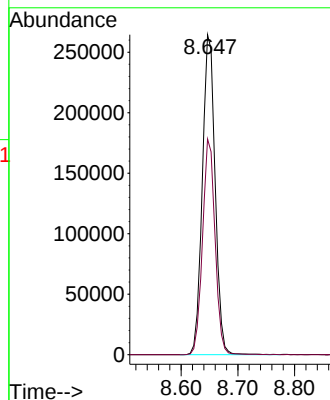
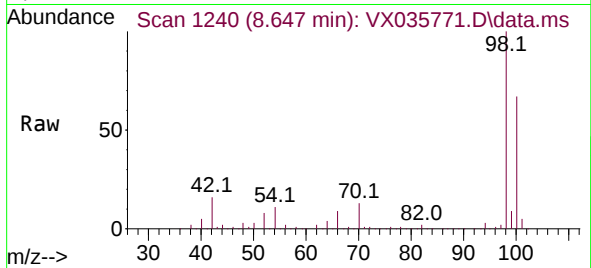




#50
Toluene-d8
Concen: 47.832 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035771.D
Acq: 19 May 2023 19:23

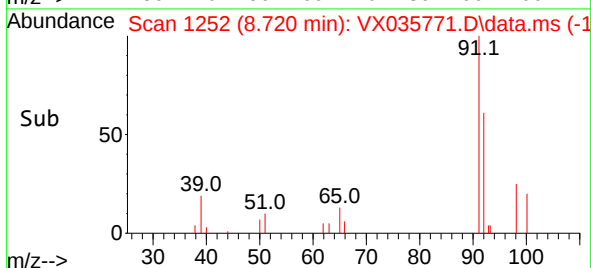
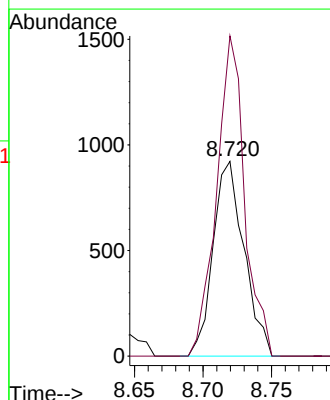
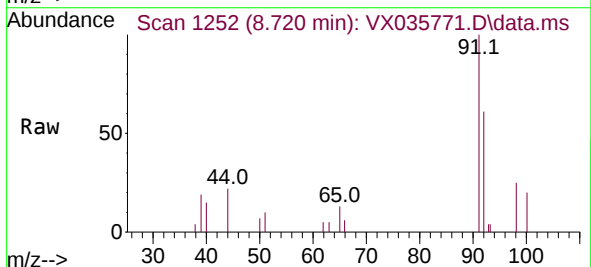
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-12-05172023

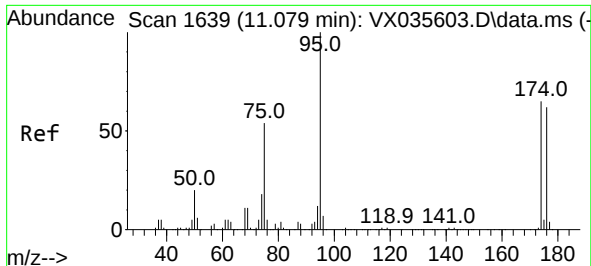
Tgt Ion: 98 Resp: 413960
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#52
Toluene
Concen: 0.222 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035771.D
Acq: 19 May 2023 19:23

Tgt Ion: 92 Resp: 1449
Ion Ratio Lower Upper
92 100
91 149.3 136.8 205.2





#62

4-Bromofluorobenzene

Concen: 46.058 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035771.D

Acq: 19 May 2023 19:23

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-12-05172023

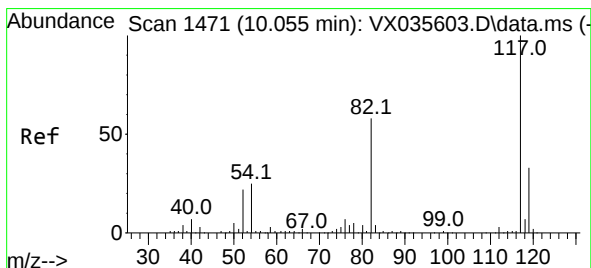
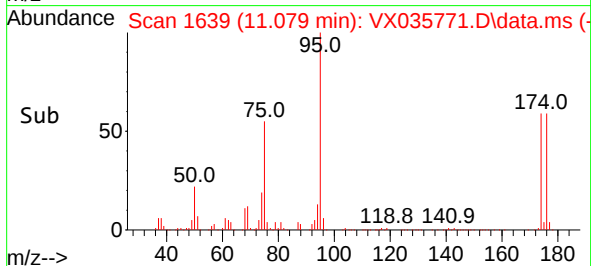
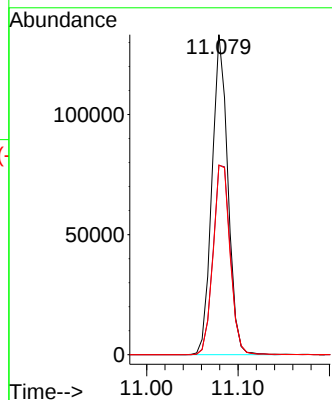
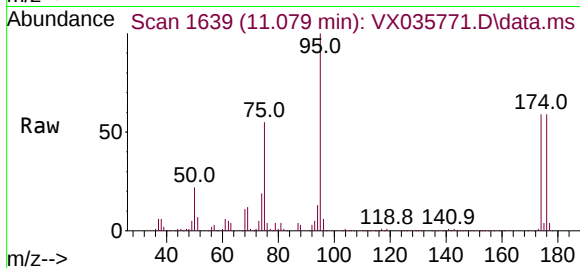
Tgt Ion: 95 Resp: 160493

Ion Ratio Lower Upper

95 100

174 64.3 0.0 147.4

176 63.5 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX035771.D

Acq: 19 May 2023 19:23

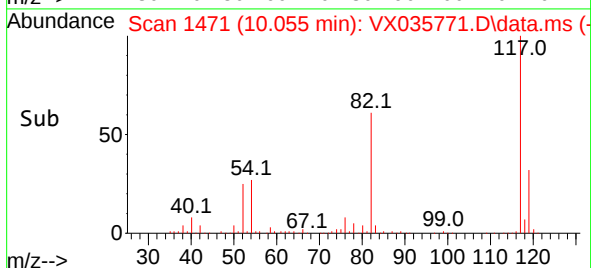
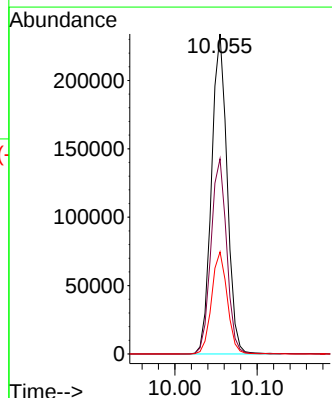
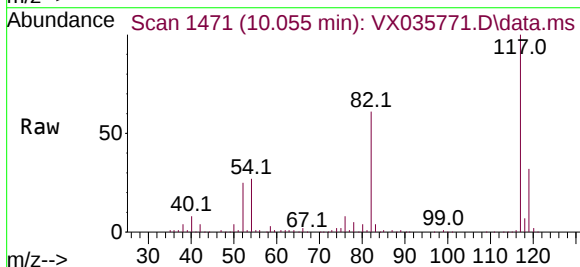
Tgt Ion: 117 Resp: 308808

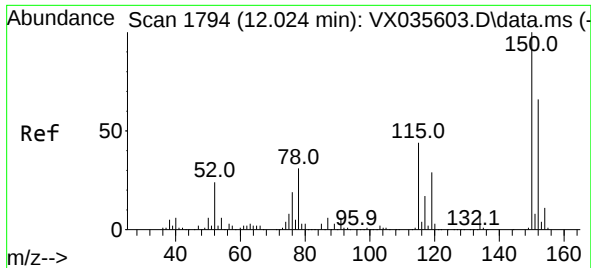
Ion Ratio Lower Upper

117 100

82 61.0 45.0 67.4

119 31.9 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035771.D

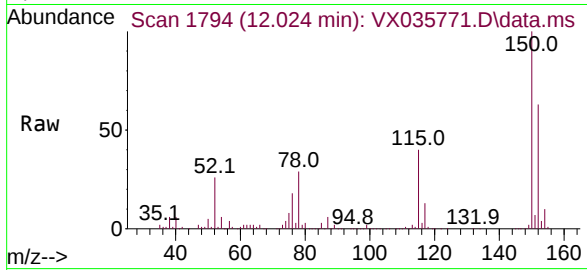
Acq: 19 May 2023 19:23

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-12-05172023



Tgt Ion:152 Resp: 134222

Ion Ratio Lower Upper

152 100

115 65.5 45.0 135.0

150 156.7 0.0 352.4

