

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051923\
 Data File : VX035770.D
 Acq On : 19 May 2023 19:00
 Operator : JC/MD
 Sample : 02860-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EQB-10-05152023

Quant Time: May 22 05:20:16 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)

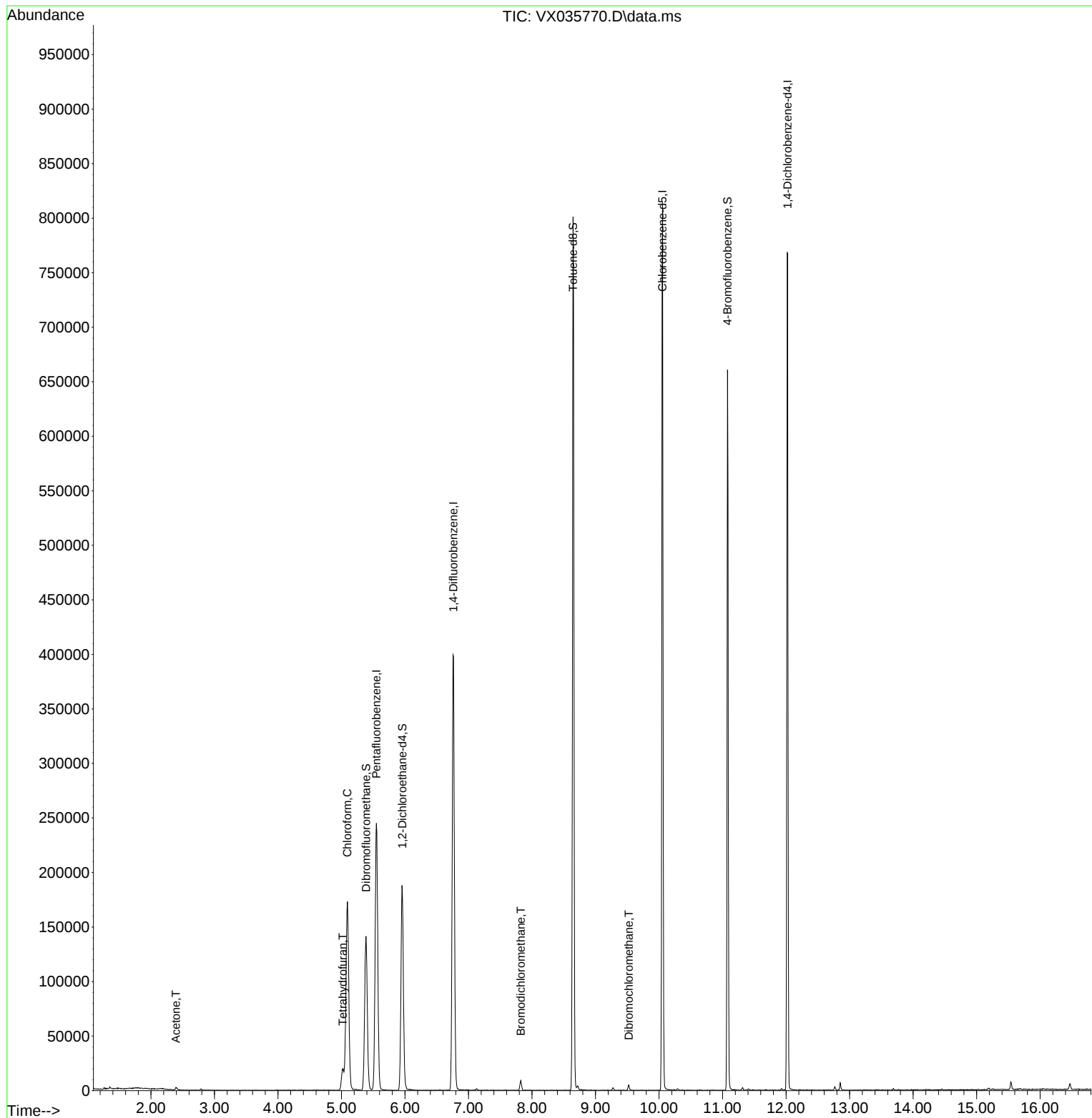
Internal Standards						
1) Pentafluorobenzene	5.550	168	209282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	382084	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	331654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	189297	51.848	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.700%
35) Dibromofluoromethane	5.385	113	123131	47.785	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.580%
50) Toluene-d8	8.647	98	454146	47.708	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.420%
62) 4-Bromofluorobenzene	11.079	95	174698	45.579	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.160%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	3350	2.135	ug/l	99
29) Tetrahydrofuran	5.019	42	21097	15.452	ug/l	95
30) Chloroform	5.093	83	201183	37.551	ug/l	99
47) Bromodichloromethane	7.824	83	5747	1.441	ug/l	98
60) Dibromochloromethane	9.525	129	565	0.210	ug/l	76

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

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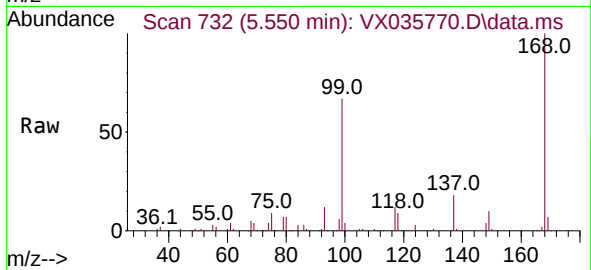
Quant Time: May 22 05:20:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration



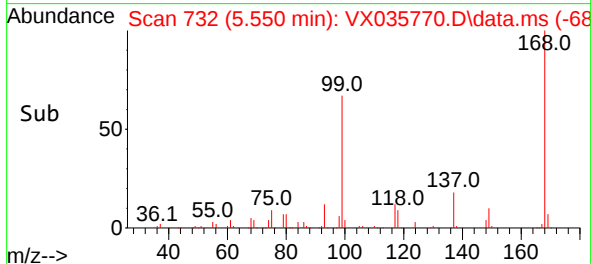
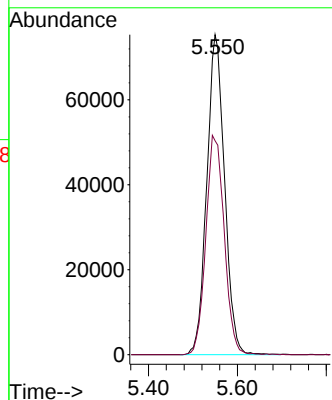


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX035770.D
Acq: 19 May 2023 19:00

Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-10-05152023

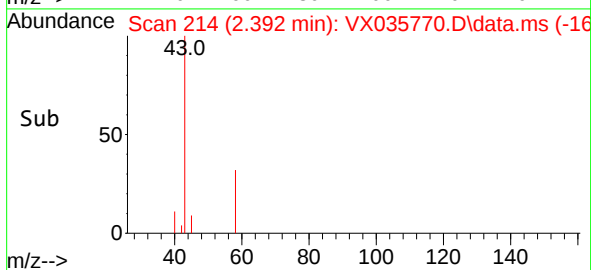
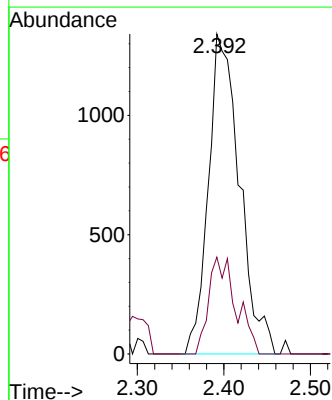
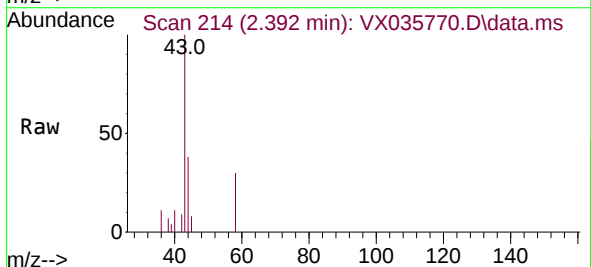


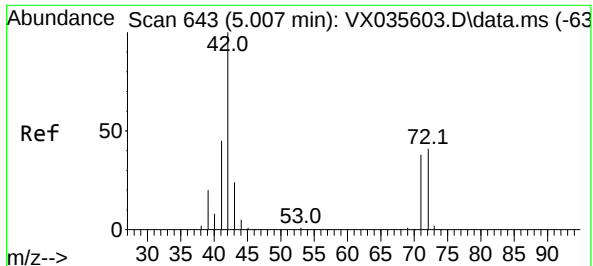
Tgt Ion:168 Resp: 209282
Ion Ratio Lower Upper
168 100
99 66.8 45.7 68.5



#16
Acetone
Concen: 2.135 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035770.D
Acq: 19 May 2023 19:00

Tgt Ion: 43 Resp: 3350
Ion Ratio Lower Upper
43 100
58 30.3 24.7 37.1





#29

Tetrahydrofuran

Concen: 15.452 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX035770.D

Acq: 19 May 2023 19:00

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-10-05152023

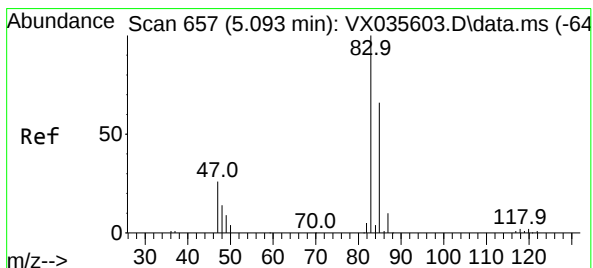
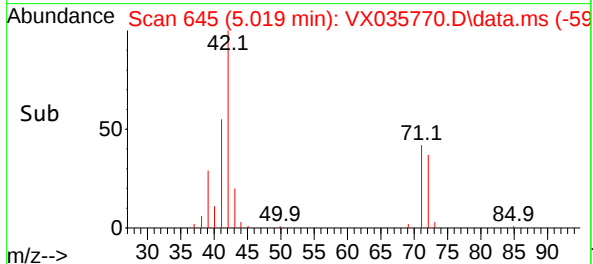
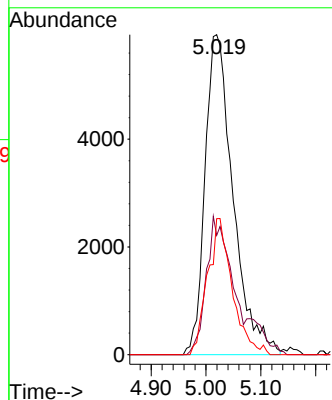
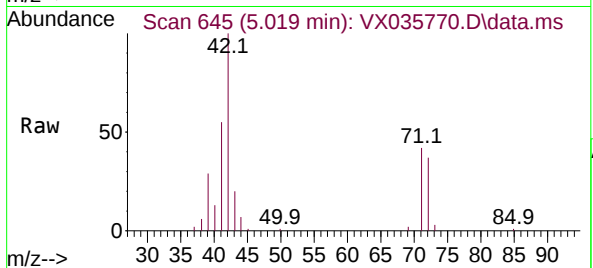
Tgt Ion: 42 Resp: 21097

Ion Ratio Lower Upper

42 100

72 39.2 34.5 51.7

71 37.6 32.1 48.1



#30

Chloroform

Concen: 37.551 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX035770.D

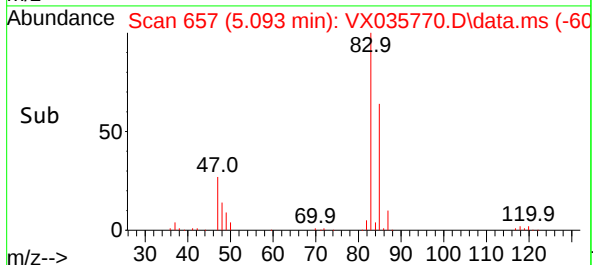
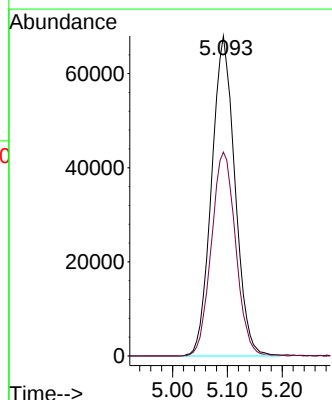
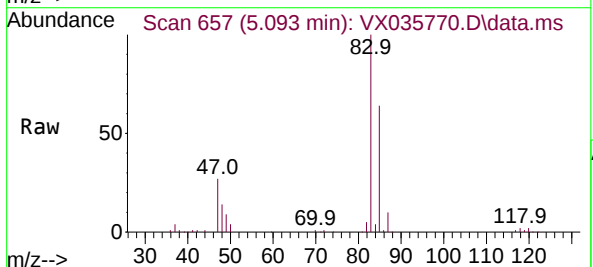
Acq: 19 May 2023 19:00

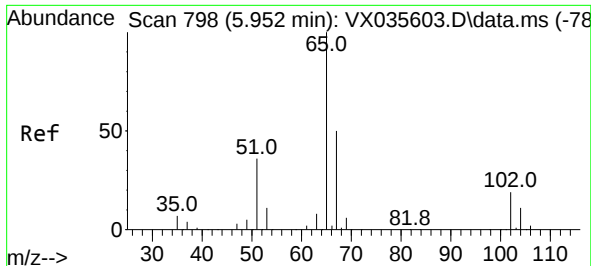
Tgt Ion: 83 Resp: 201183

Ion Ratio Lower Upper

83 100

85 63.7 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 51.848 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX035770.D

Acq: 19 May 2023 19:00

Instrument :

MSVOA_X

ClientSampleId :

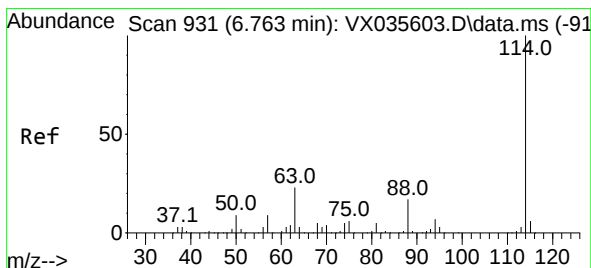
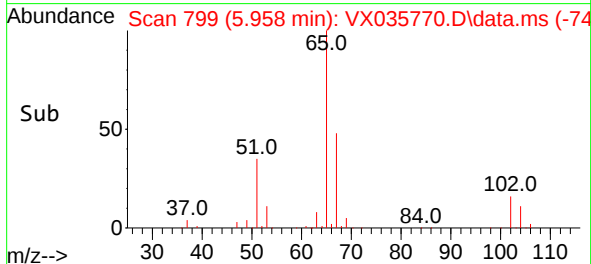
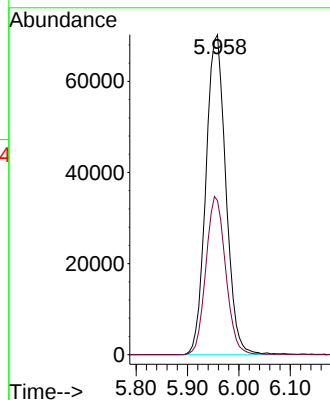
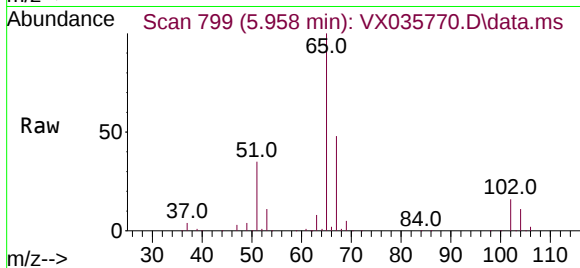
FSND-EQB-10-05152023

Tgt Ion: 65 Resp: 189297

Ion Ratio Lower Upper

65 100

67 49.1 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: VX035770.D

Acq: 19 May 2023 19:00

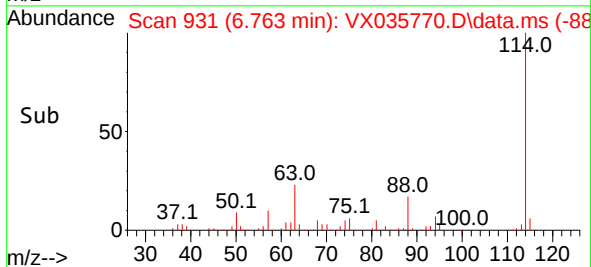
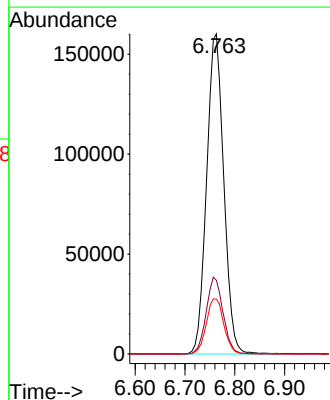
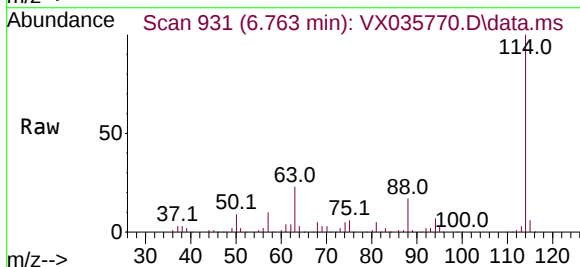
Tgt Ion: 114 Resp: 382084

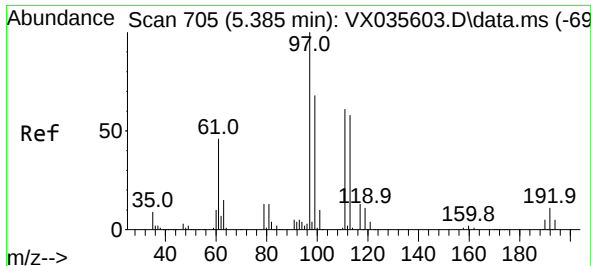
Ion Ratio Lower Upper

114 100

63 23.1 0.0 42.2

88 17.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.785 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035770.D

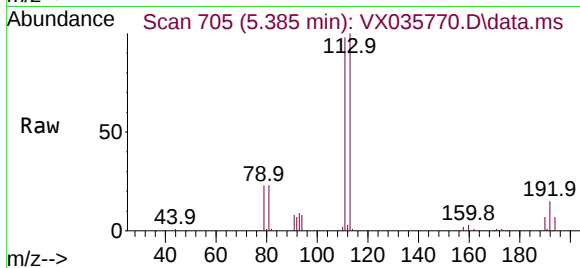
Acq: 19 May 2023 19:00

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-10-05152023



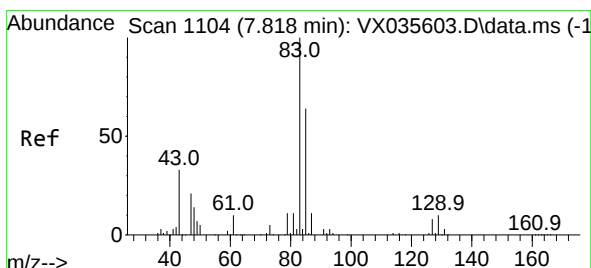
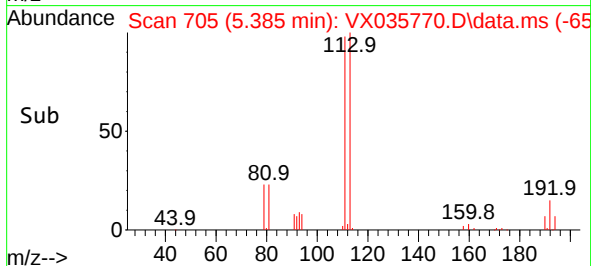
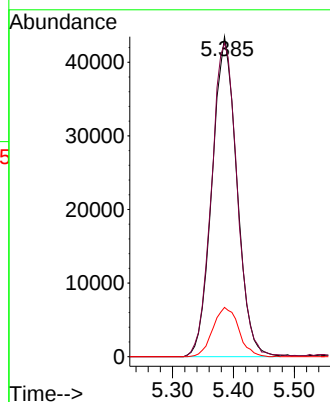
Tgt Ion:113 Resp: 123131

Ion Ratio Lower Upper

113 100

111 101.6 83.7 125.5

192 16.0 15.4 23.2



#47

Bromodichloromethane

Concen: 1.441 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX035770.D

Acq: 19 May 2023 19:00

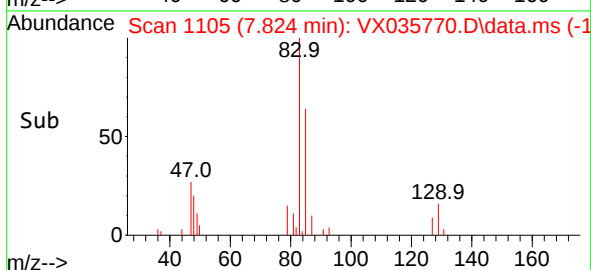
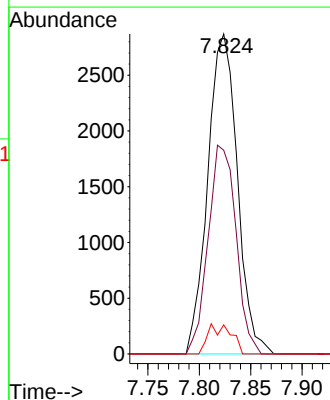
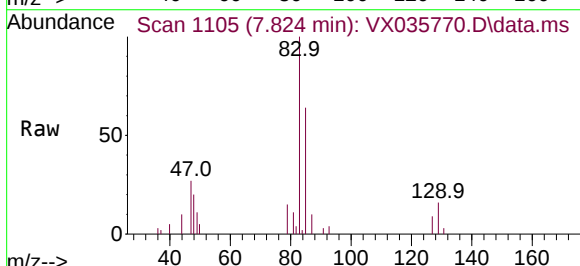
Tgt Ion: 83 Resp: 5747

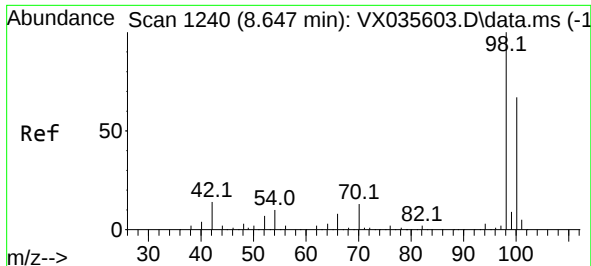
Ion Ratio Lower Upper

83 100

85 63.7 52.2 78.4

127 9.1 6.6 9.8

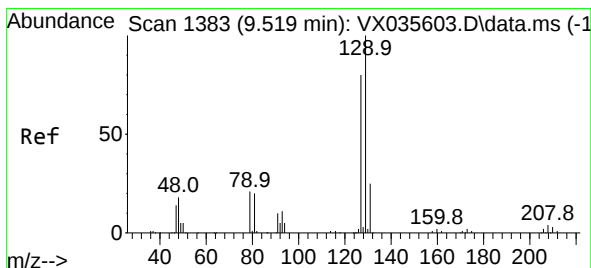
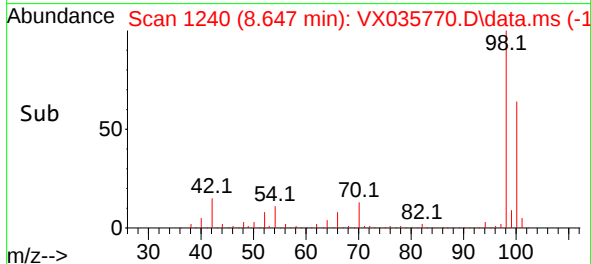
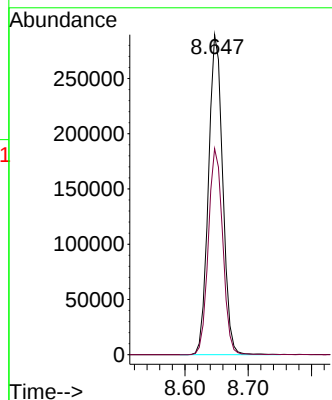
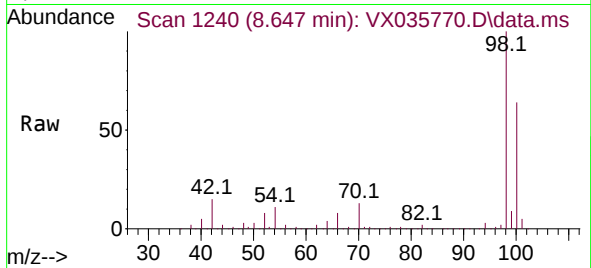




#50
Toluene-d8
Concen: 47.708 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035770.D
Acq: 19 May 2023 19:00

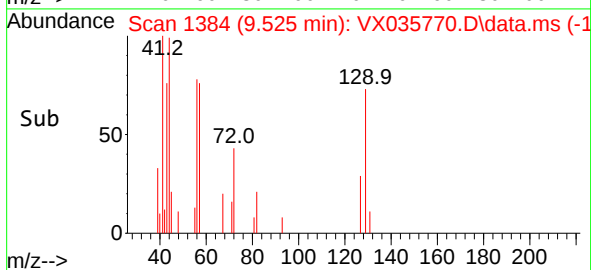
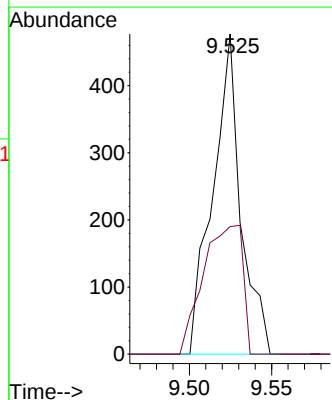
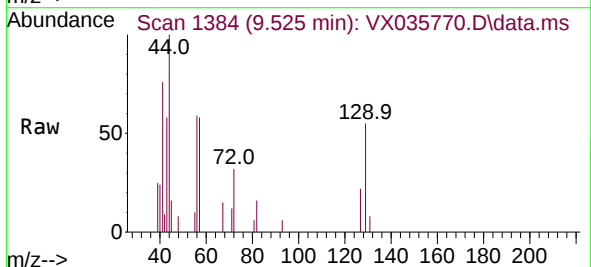
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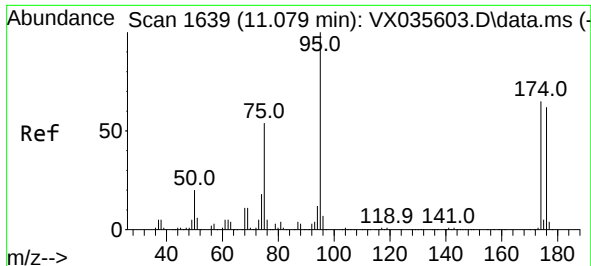
Tgt Ion: 98 Resp: 454146
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7



#60
Dibromochloromethane
Concen: 0.210 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX035770.D
Acq: 19 May 2023 19:00

Tgt Ion:129 Resp: 565
Ion Ratio Lower Upper
129 100
127 56.8 39.0 117.0

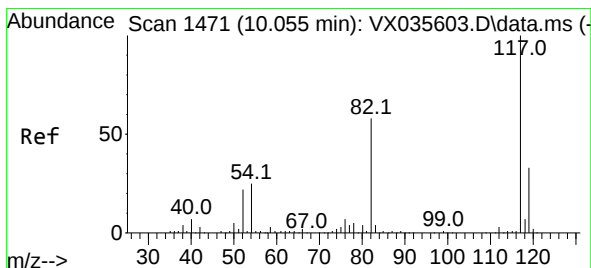
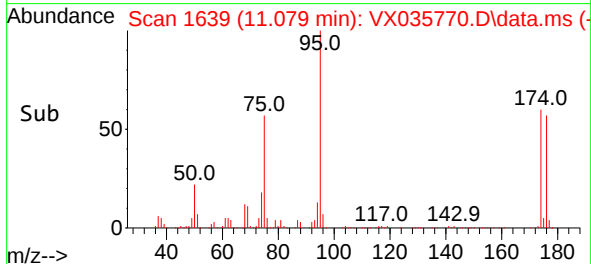
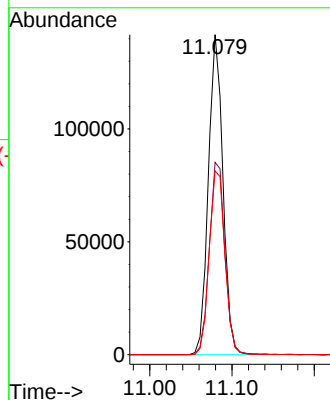
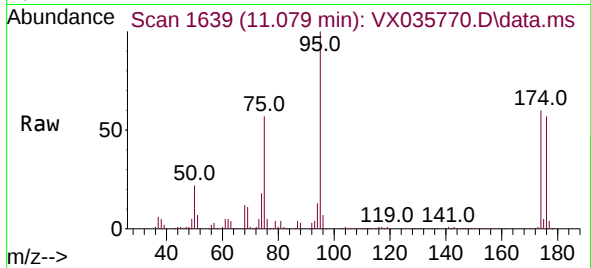




#62
4-Bromofluorobenzene
Concen: 45.579 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035770.D
Acq: 19 May 2023 19:00

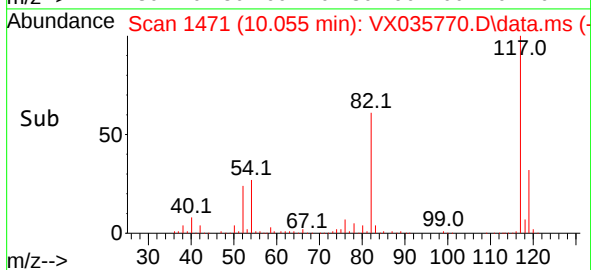
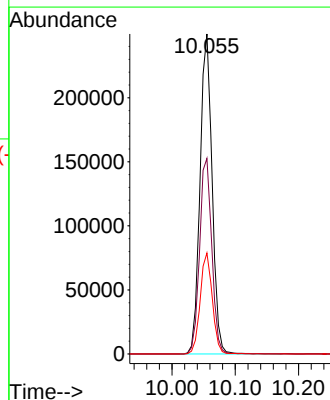
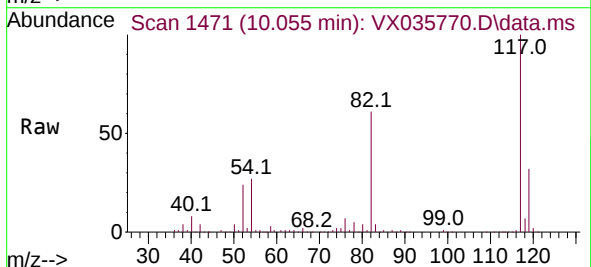
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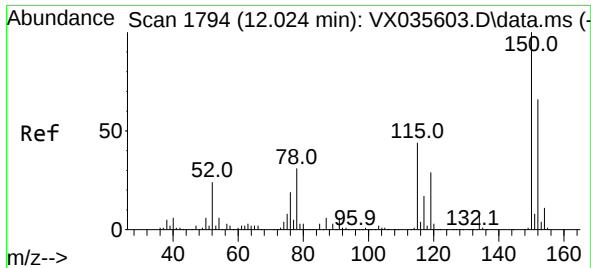
Tgt Ion: 95 Resp: 174698
Ion Ratio Lower Upper
95 100
174 64.0 0.0 147.4
176 61.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035770.D
Acq: 19 May 2023 19:00

Tgt Ion: 117 Resp: 331654
Ion Ratio Lower Upper
117 100
82 61.1 45.0 67.4
119 31.5 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: VX035770.D

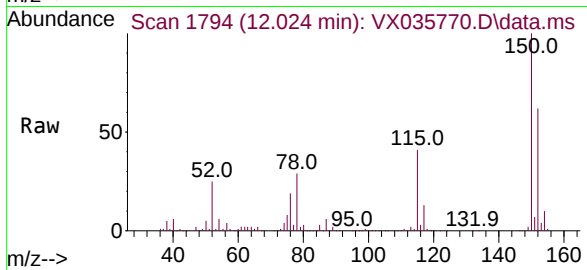
Acq: 19 May 2023 19:00

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-10-05152023



Tgt Ion:152 Resp: 145745

Ion Ratio Lower Upper

152 100

115 67.5 45.0 135.0

150 159.1 0.0 352.4

