

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051923\
 Data File : VX035764.D
 Acq On : 19 May 2023 16:41
 Operator : JC/MD
 Sample : 02860-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-09-101-05162023

Quant Time: May 22 05:18:28 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)

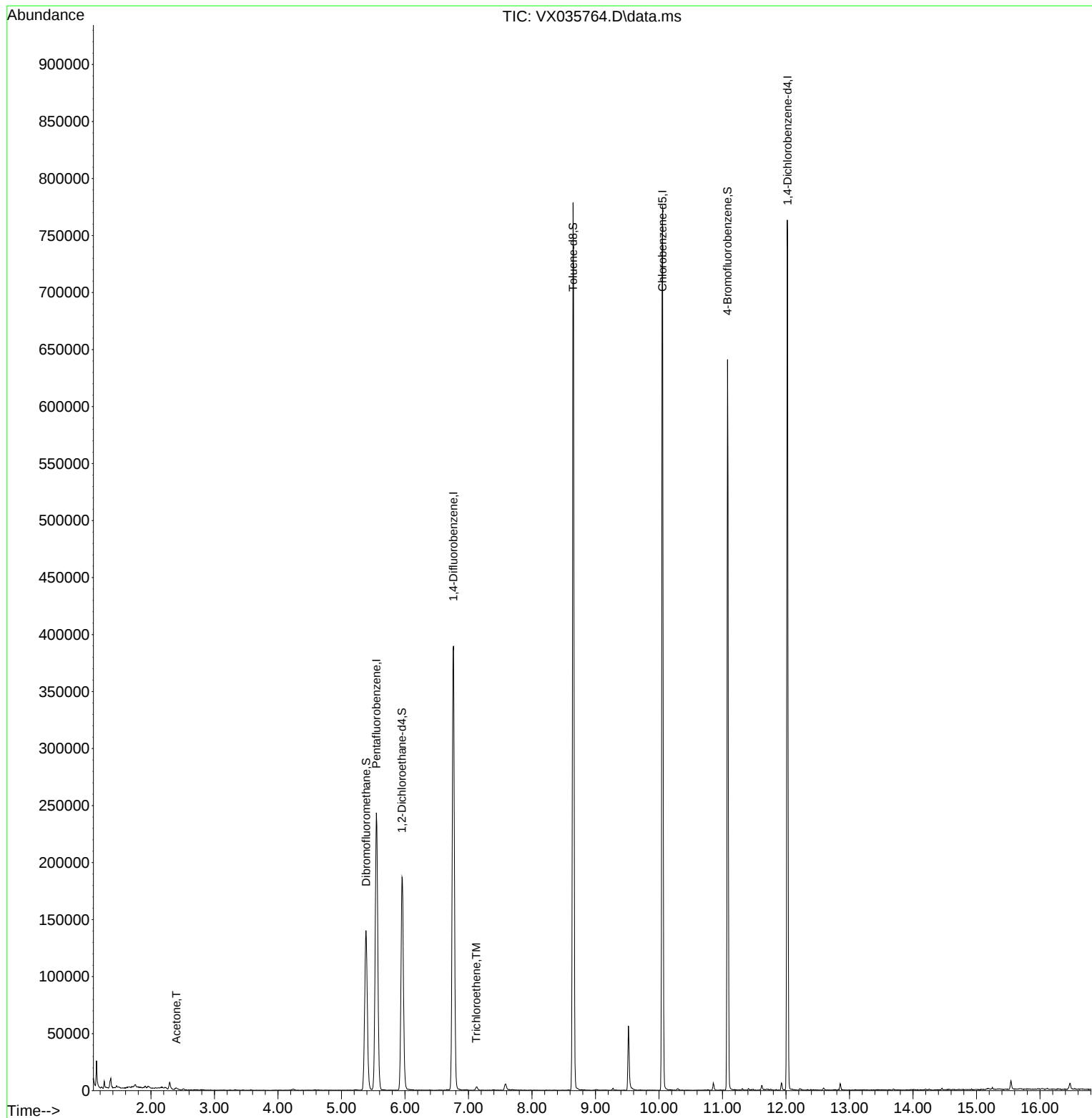
Internal Standards						
1) Pentafluorobenzene	5.550	168	203502	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	373865	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	326413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	186788	52.614	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.220%
35) Dibromofluoromethane	5.385	113	121718	48.275	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.560%
50) Toluene-d8	8.647	98	444225	47.692	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.380%
62) 4-Bromofluorobenzene	11.079	95	169899	45.302	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.600%
Target Compounds						
						Qvalue
16) Acetone	2.398	43	2426	1.590	ug/l	# 53
44) Trichloroethene	7.123	130	1178	0.417	ug/l	65

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

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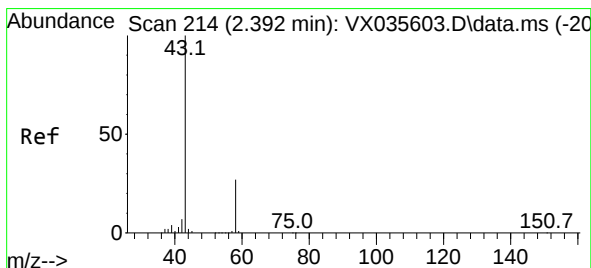
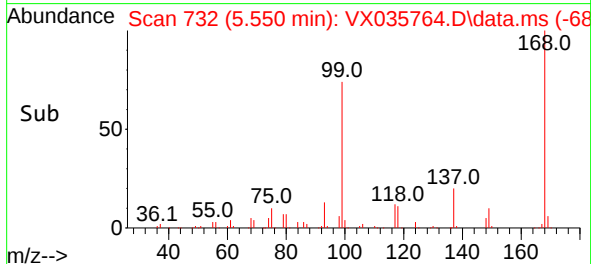
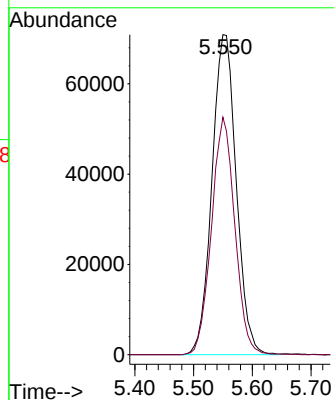
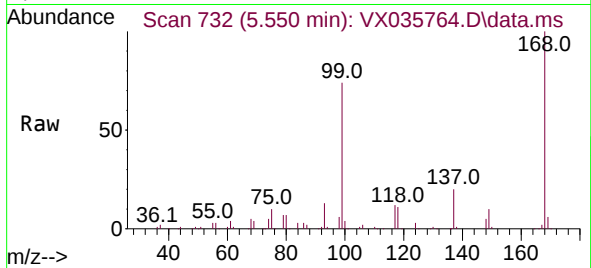




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035764.D
Acq: 19 May 2023 16:41

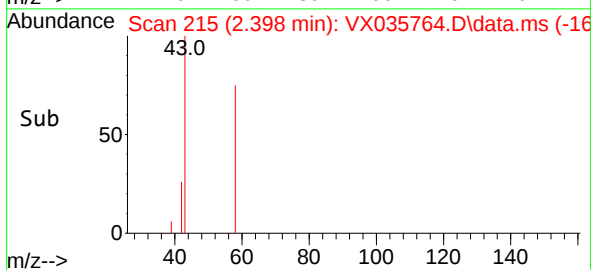
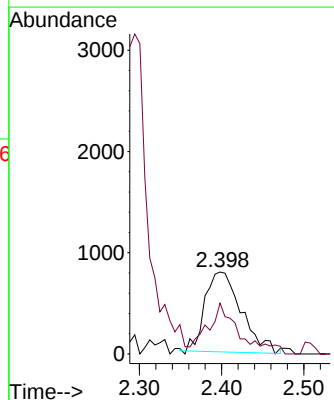
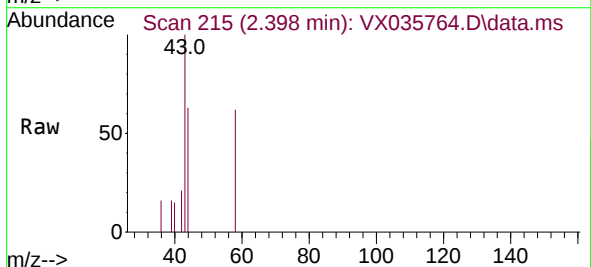
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-09-101-05162023

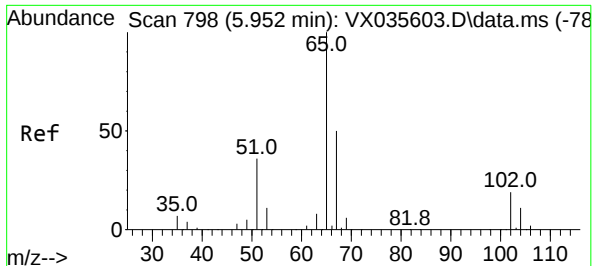
Tgt Ion:168 Resp: 203502
Ion Ratio Lower Upper
168 100
99 74.2 45.7 68.5#



#16
Acetone
Concen: 1.590 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035764.D
Acq: 19 May 2023 16:41

Tgt Ion: 43 Resp: 2426
Ion Ratio Lower Upper
43 100
58 56.6 24.7 37.1#





#33

1,2-Dichloroethane-d4

Concen: 52.614 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035764.D

Acq: 19 May 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

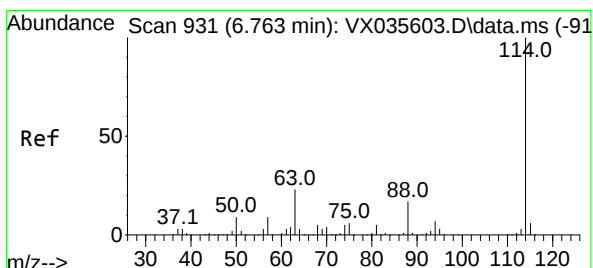
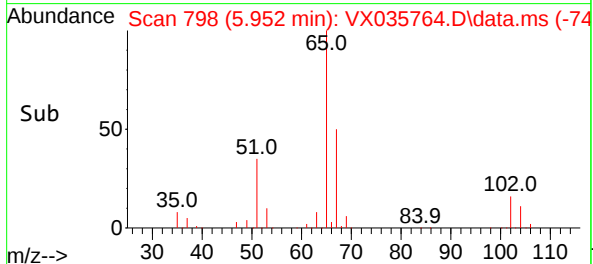
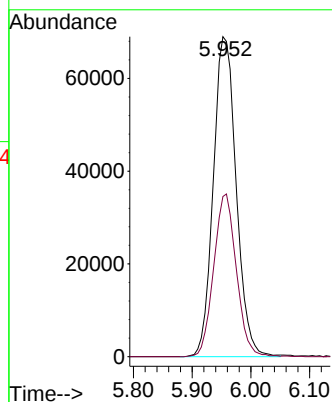
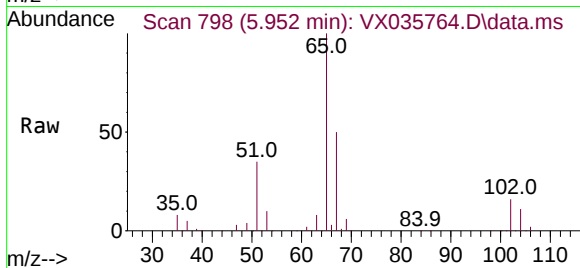
FSND-PRO-09-101-05162023

Tgt Ion: 65 Resp: 186788

Ion Ratio Lower Upper

65 100

67 50.3 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: VX035764.D

Acq: 19 May 2023 16:41

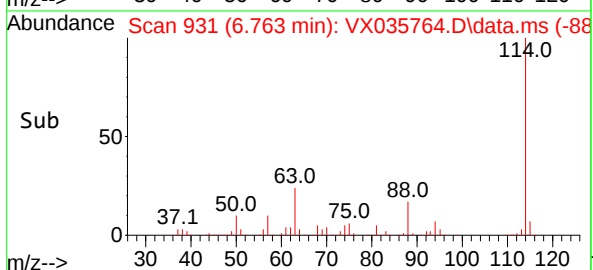
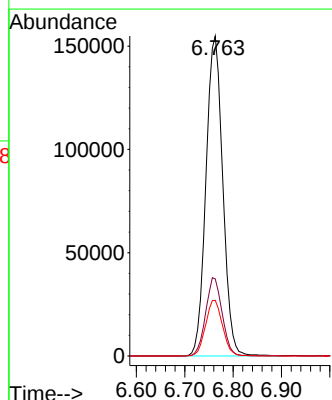
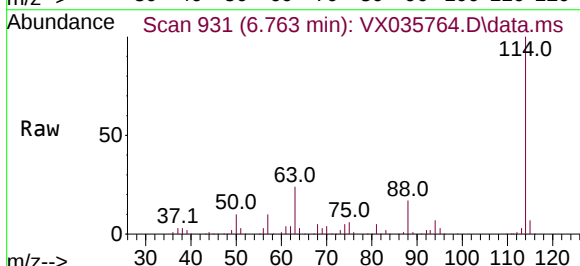
Tgt Ion: 114 Resp: 373865

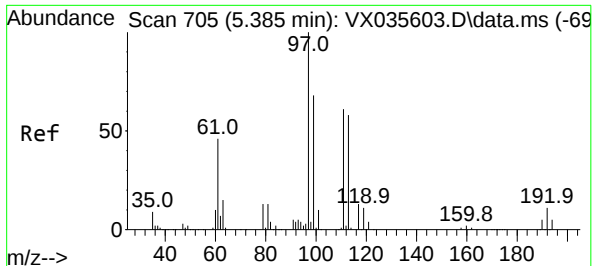
Ion Ratio Lower Upper

114 100

63 24.1 0.0 42.2

88 17.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.275 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035764.D

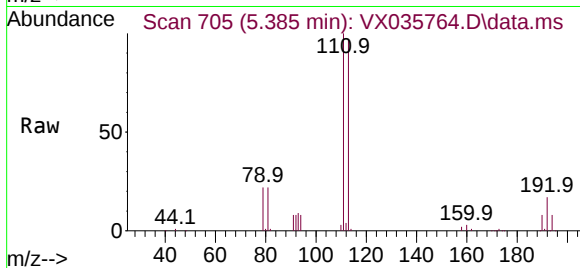
Acq: 19 May 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-09-101-05162023



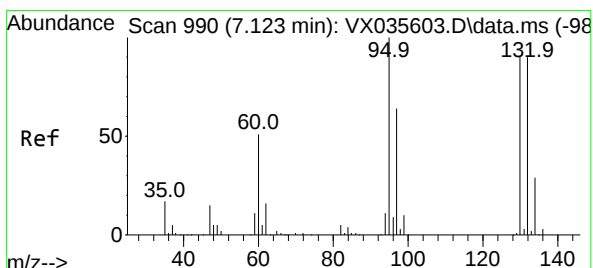
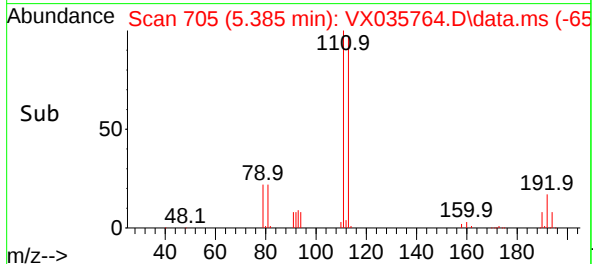
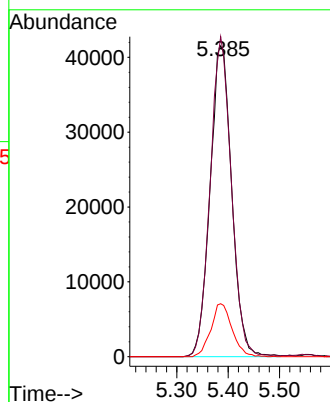
Tgt Ion:113 Resp: 121718

Ion Ratio Lower Upper

113 100

111 100.4 83.7 125.5

192 16.7 15.4 23.2



#44

Trichloroethene

Concen: 0.417 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX035764.D

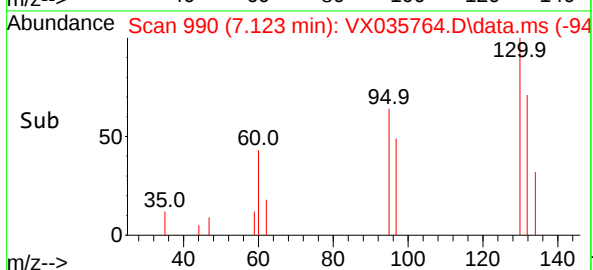
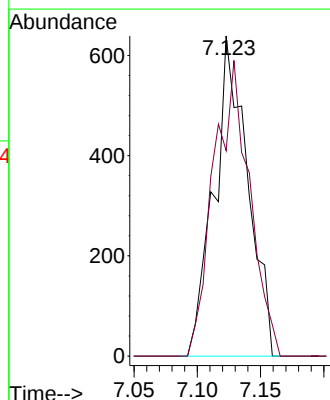
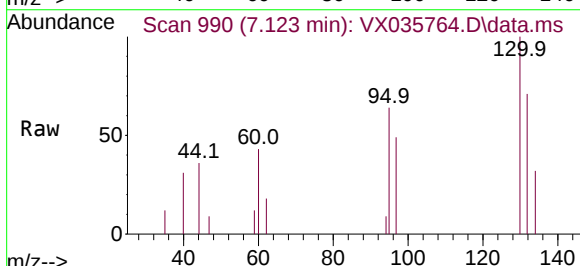
Acq: 19 May 2023 16:41

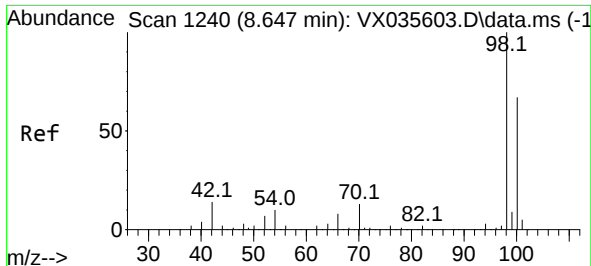
Tgt Ion:130 Resp: 1178

Ion Ratio Lower Upper

130 100

95 64.2 0.0 198.4





#50

Toluene-d8

Concen: 47.692 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035764.D

Acq: 19 May 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

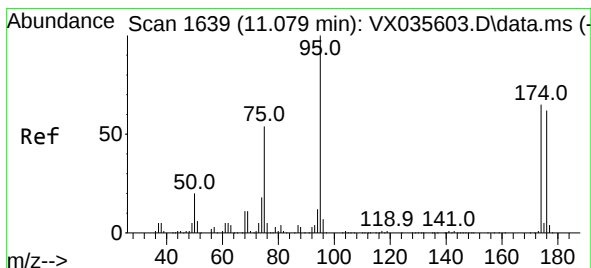
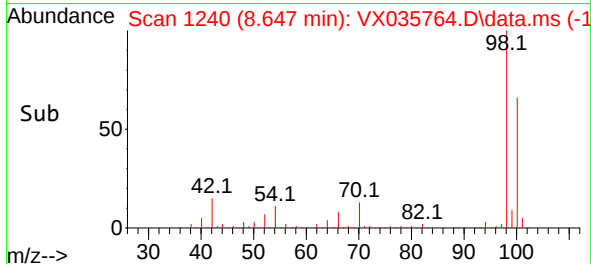
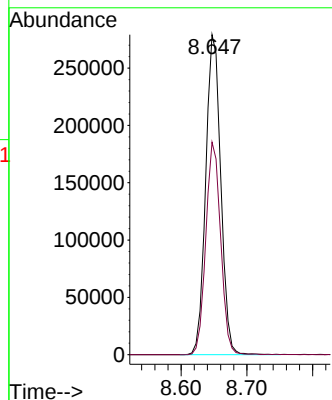
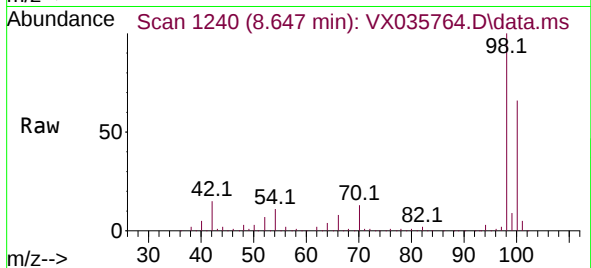
FSND-PRO-09-101-05162023

Tgt Ion: 98 Resp: 444225

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 45.302 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035764.D

Acq: 19 May 2023 16:41

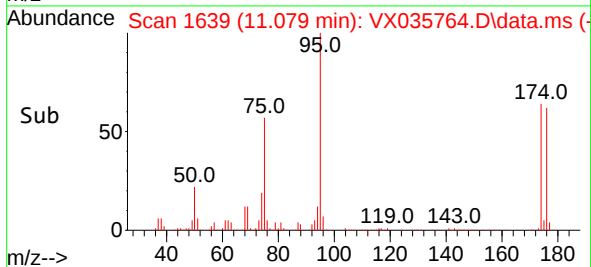
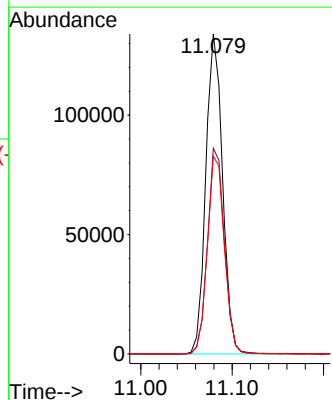
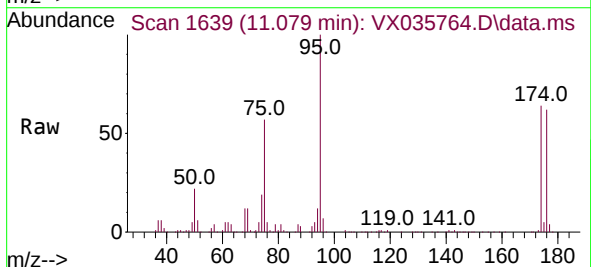
Tgt Ion: 95 Resp: 169899

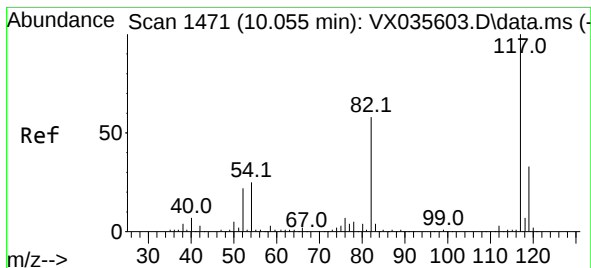
Ion Ratio Lower Upper

95 100

174 65.0 0.0 147.4

176 62.8 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: VX035764.D

Acq: 19 May 2023 16:41

Instrument :

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ClientSampleId :

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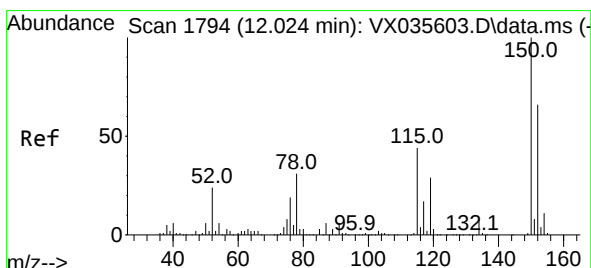
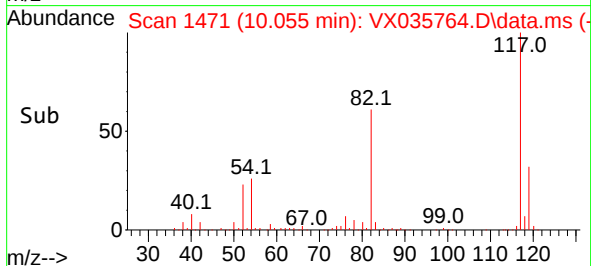
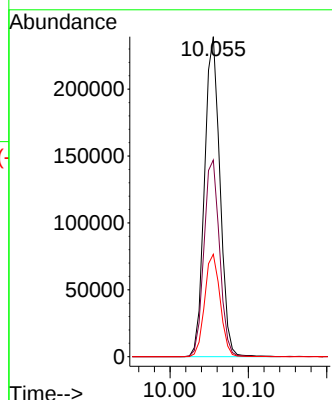
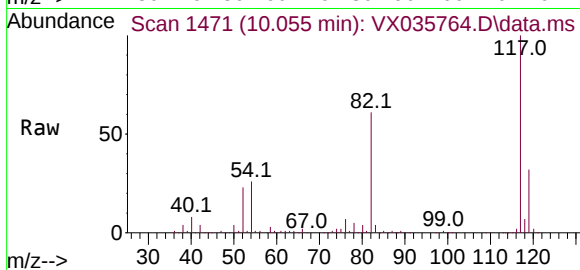
Tgt Ion:117 Resp: 326413

Ion Ratio Lower Upper

117 100

82 61.4 45.0 67.4

119 32.0 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035764.D

Acq: 19 May 2023 16:41

Tgt Ion:152 Resp: 141893

Ion Ratio Lower Upper

152 100

115 66.7 45.0 135.0

150 159.0 0.0 352.4

