

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051623\
 Data File : VX035691.D
 Acq On : 16 May 2023 15:16
 Operator : JC/MD
 Sample : 02751-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-02-81-05082023

Quant Time: May 17 05:31:05 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)

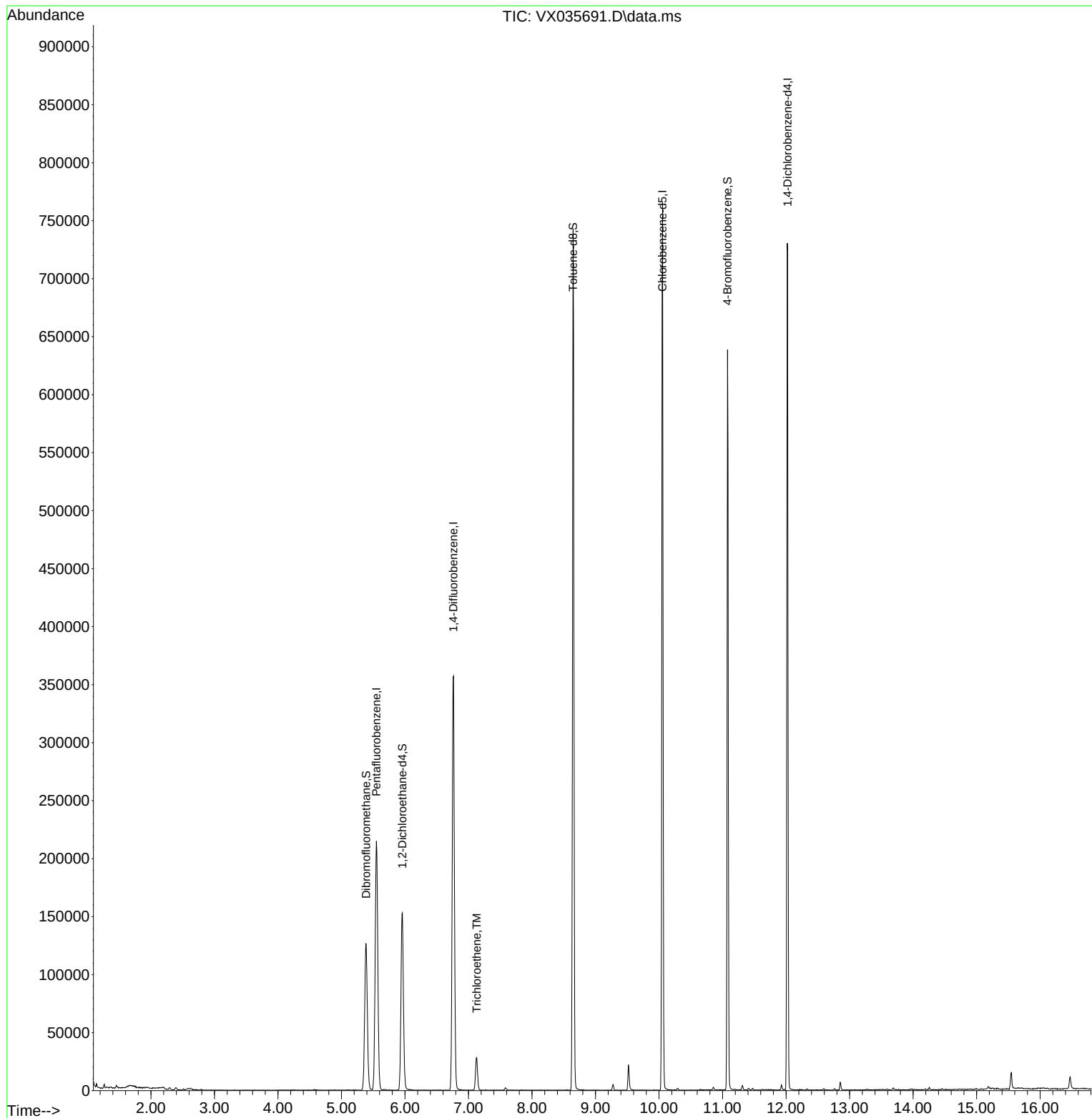
Internal Standards						
1) Pentafluorobenzene	5.550	168	184353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	341810	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	312656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156290	48.596	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.200%
35) Dibromofluoromethane	5.385	113	109509	47.506	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.020%
50) Toluene-d8	8.647	98	409409	48.076	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.160%
62) 4-Bromofluorobenzene	11.079	95	169367	49.395	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.780%
Target Compounds						
					Qvalue	
44) Trichloroethene	7.129	130	10858	4.207	ug/l	96

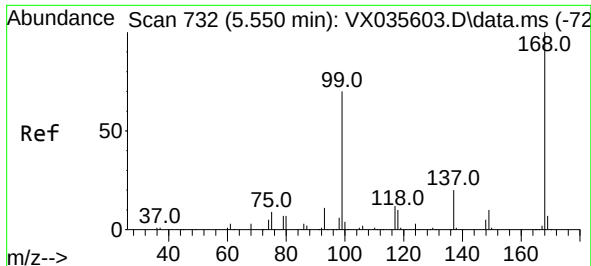
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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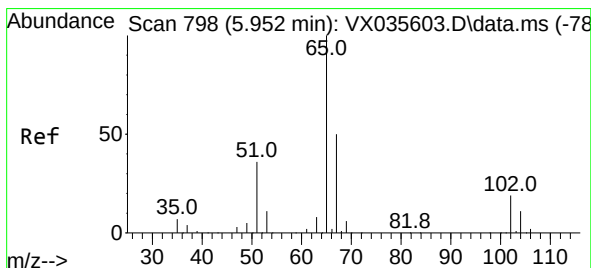
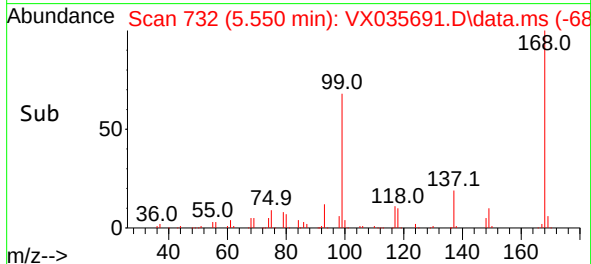
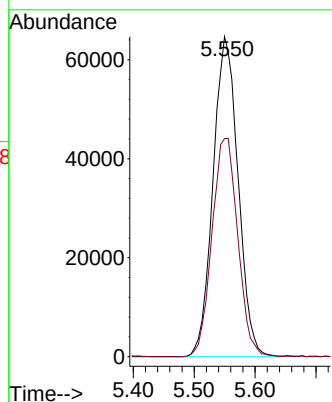
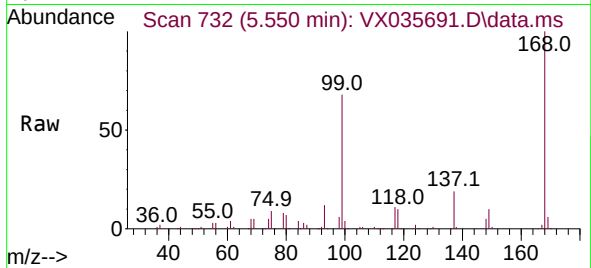




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX035691.D
Acq: 16 May 2023 15:16

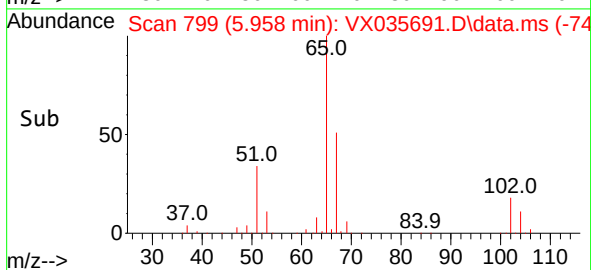
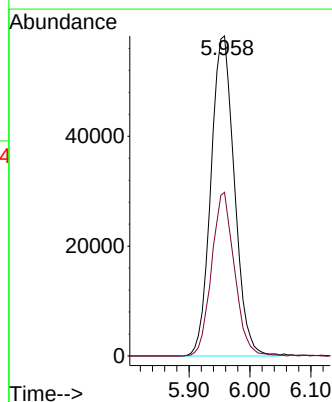
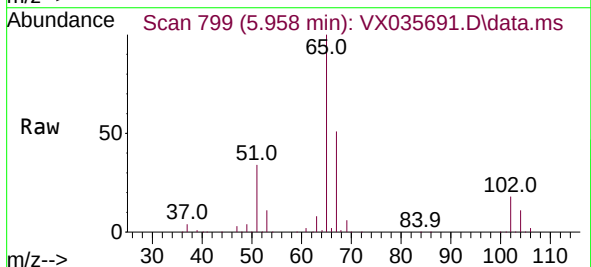
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-02-81-05082023

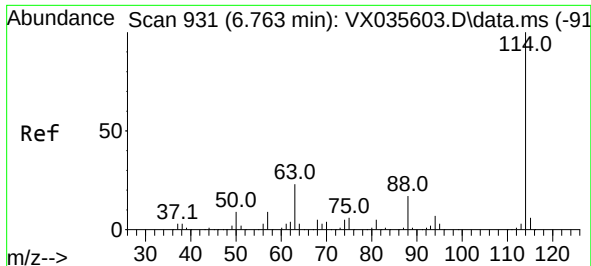
Tgt Ion:168 Resp: 184353
Ion Ratio Lower Upper
168 100
99 68.1 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 48.596 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035691.D
Acq: 16 May 2023 15:16

Tgt Ion: 65 Resp: 156290
Ion Ratio Lower Upper
65 100
67 49.7 0.0 104.0

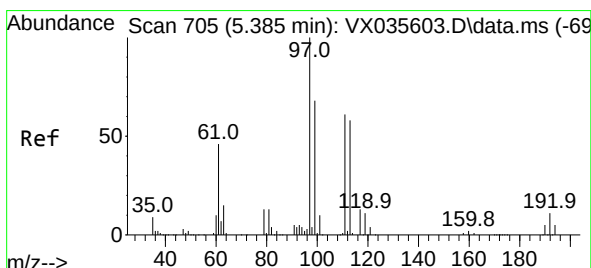
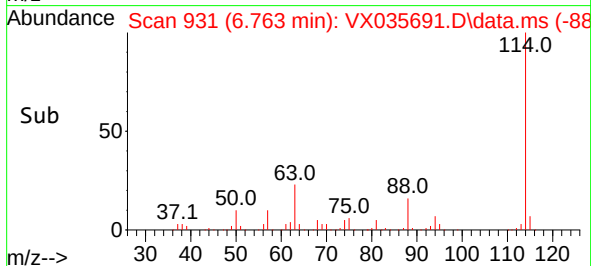
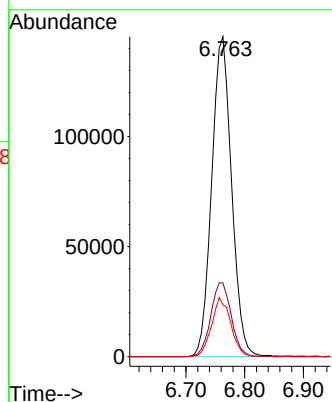
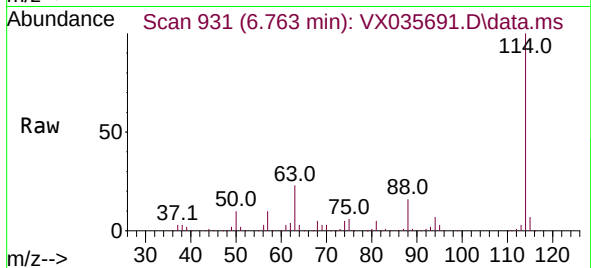




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035691.D
Acq: 16 May 2023 15:16

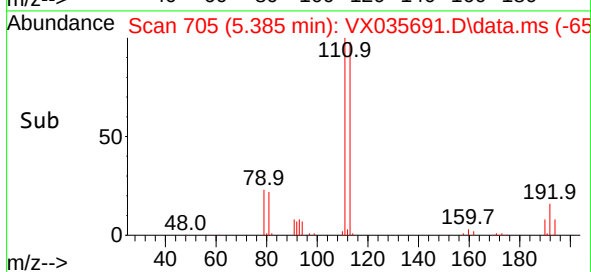
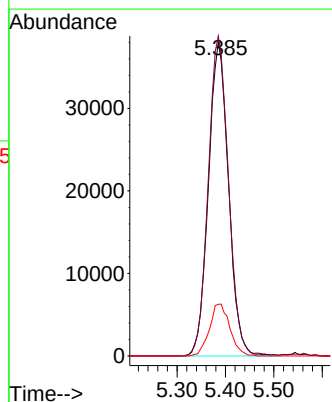
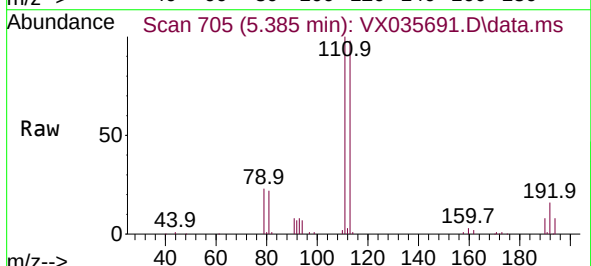
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-02-81-05082023

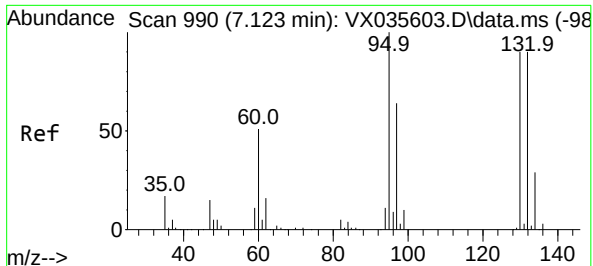
Tgt Ion:114 Resp: 341810
Ion Ratio Lower Upper
114 100
63 23.1 0.0 42.2
88 16.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.506 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035691.D
Acq: 16 May 2023 15:16

Tgt Ion:113 Resp: 109509
Ion Ratio Lower Upper
113 100
111 103.0 83.7 125.5
192 16.9 15.4 23.2

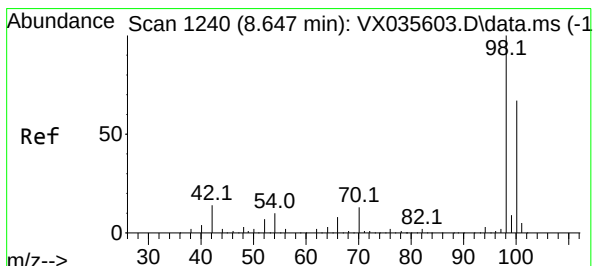
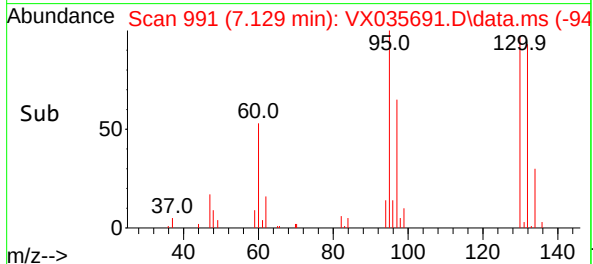
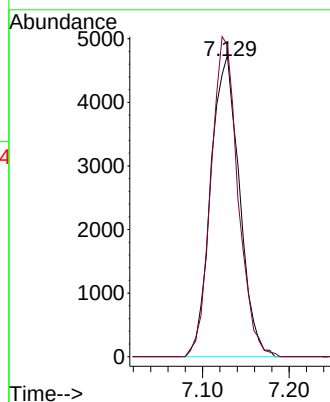
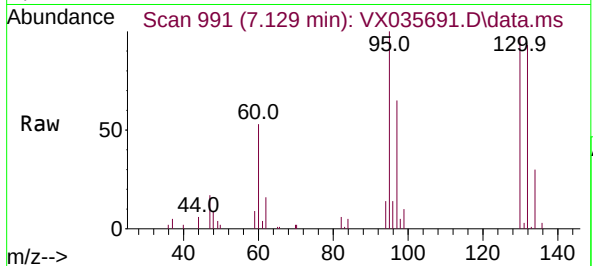




#44
 Trichloroethene
 Concen: 4.207 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX035691.D
 Acq: 16 May 2023 15:16

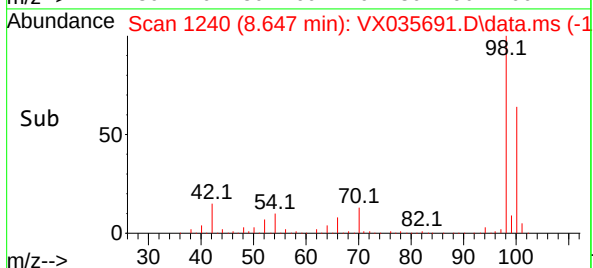
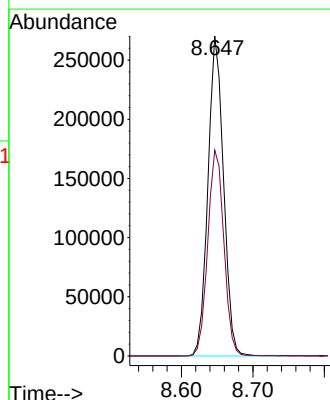
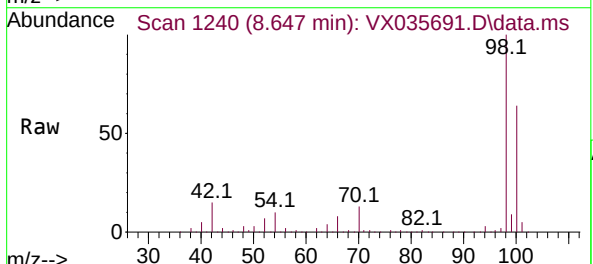
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-02-81-05082023

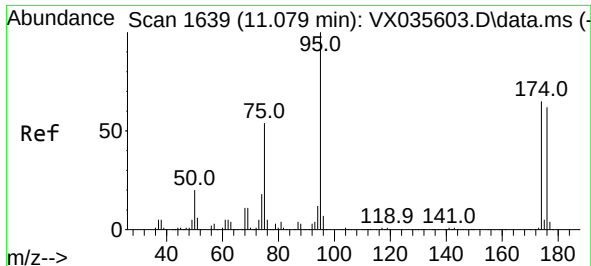
Tgt Ion:130 Resp: 10858
 Ion Ratio Lower Upper
 130 100
 95 103.4 0.0 198.4



#50
 Toluene-d8
 Concen: 48.076 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX035691.D
 Acq: 16 May 2023 15:16

Tgt Ion: 98 Resp: 409409
 Ion Ratio Lower Upper
 98 100
 100 66.5 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 49.395 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035691.D

Acq: 16 May 2023 15:16

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-02-81-05082023

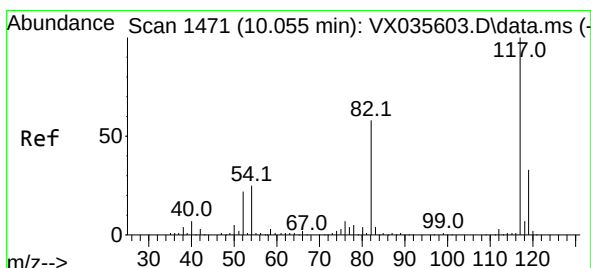
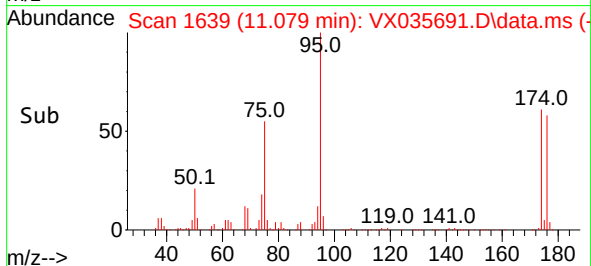
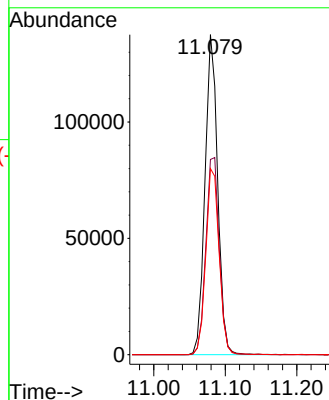
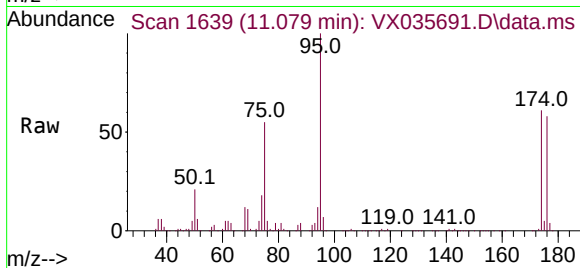
Tgt Ion: 95 Resp: 169367

Ion Ratio Lower Upper

95 100

174 65.7 0.0 147.4

176 61.4 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: VX035691.D

Acq: 16 May 2023 15:16

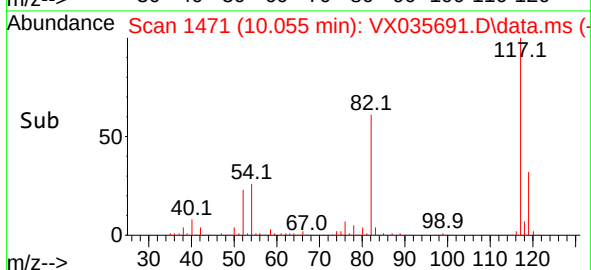
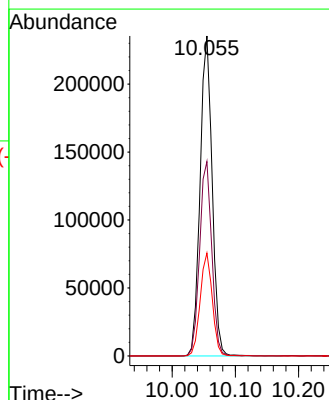
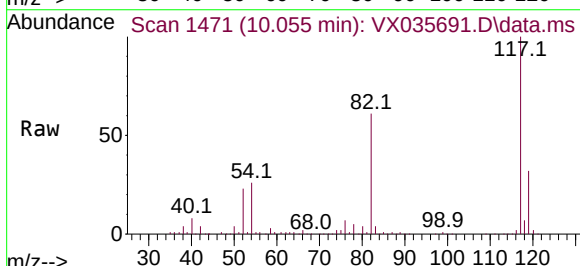
Tgt Ion: 117 Resp: 312656

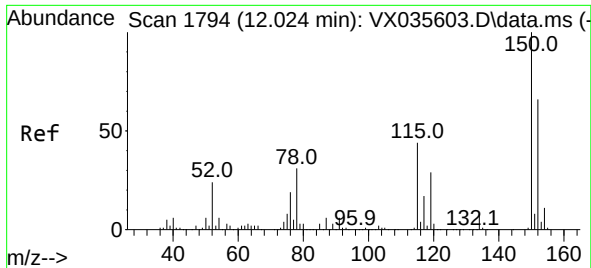
Ion Ratio Lower Upper

117 100

82 60.7 45.0 67.4

119 32.2 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: VX035691.D

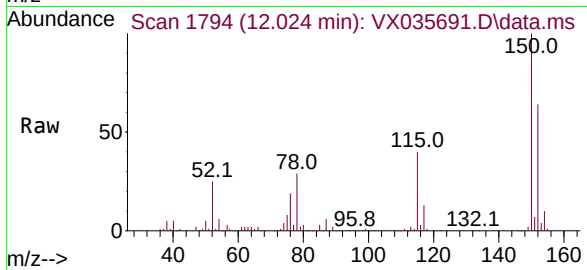
Acq: 16 May 2023 15:16

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 140029

Ion Ratio Lower Upper

152 100

115 66.0 45.0 135.0

150 157.4 0.0 352.4

