

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035622.D
 Acq On : 11 May 2023 20:56
 Operator : JC/MD
 Sample : 02643-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-06-79-05042023

Quant Time: May 12 03:56:10 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)

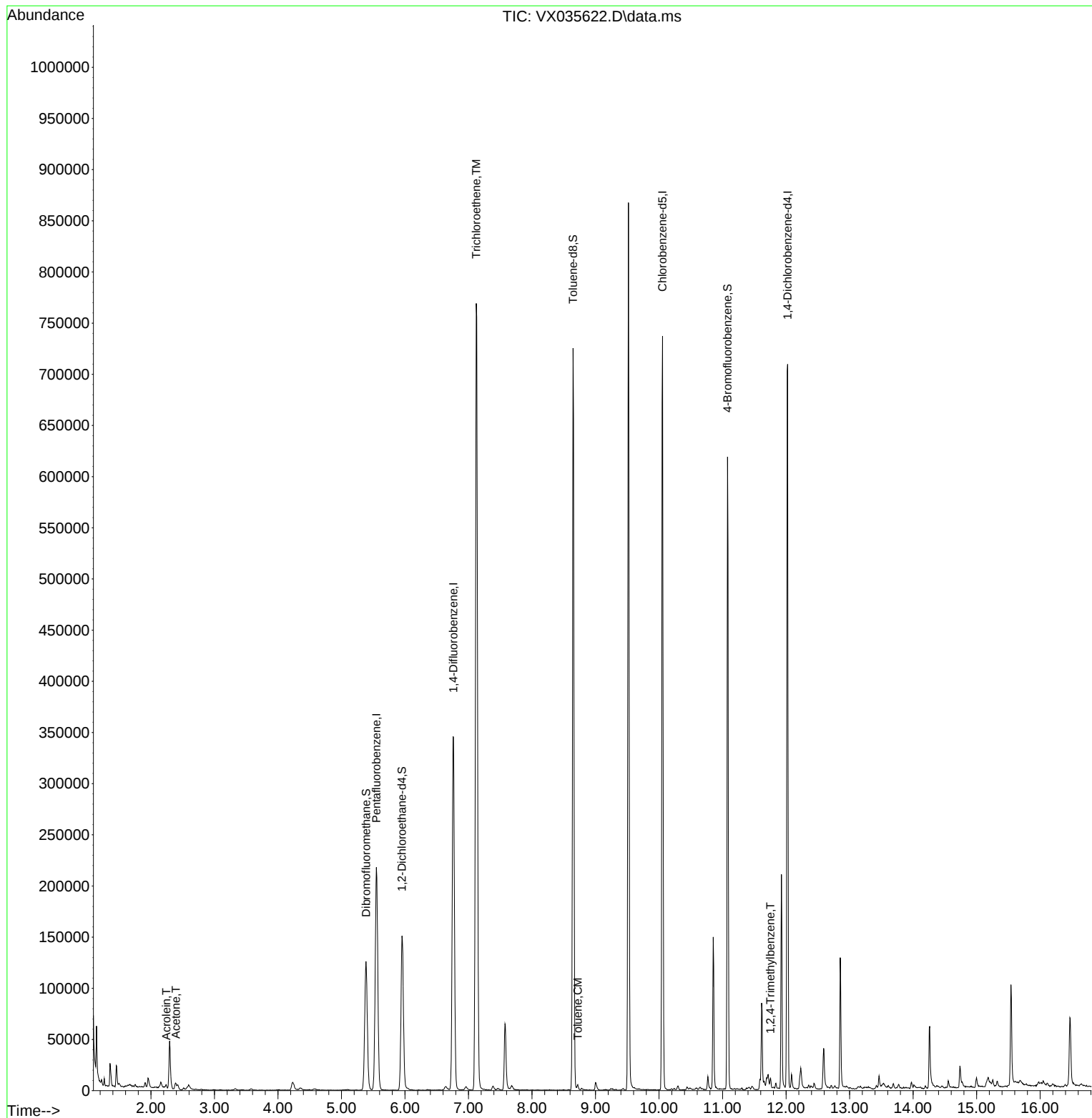
Internal Standards						
1) Pentafluorobenzene	5.549	168	183981	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	334704	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	303230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	153357	47.780	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.560%
35) Dibromofluoromethane	5.385	113	108059	47.872	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.740%
50) Toluene-d8	8.646	98	406278	48.721	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.440%
62) 4-Bromofluorobenzene	11.079	95	165772	49.373	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.740%
Target Compounds						
					Qvalue	
13) Acrolein	2.239	56	2448	3.642	ug/l	86
16) Acetone	2.391	43	7770	5.633	ug/l	98
44) Trichloroethene	7.122	130	283973	112.360	ug/l	92
52) Toluene	8.720	92	1725	0.274	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	2841	0.290	ug/l	75

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

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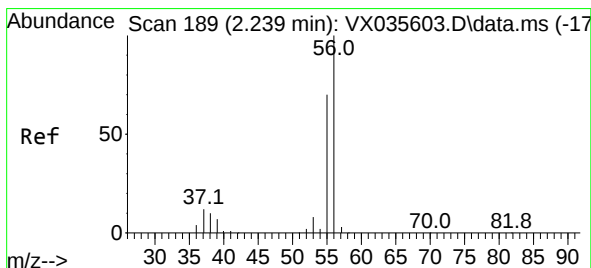
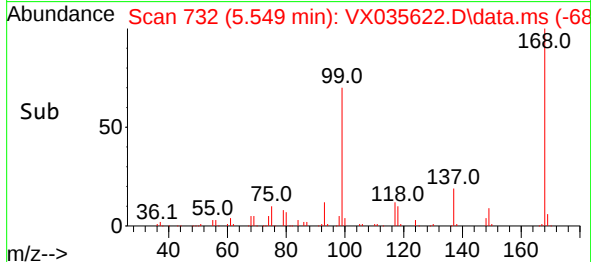
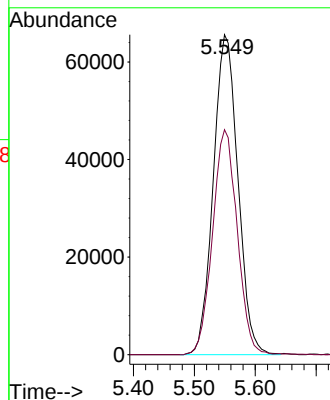
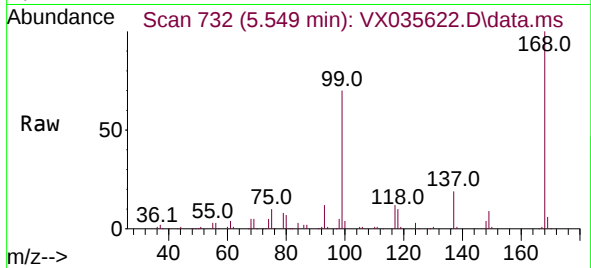




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX035622.D
Acq: 11 May 2023 20:56

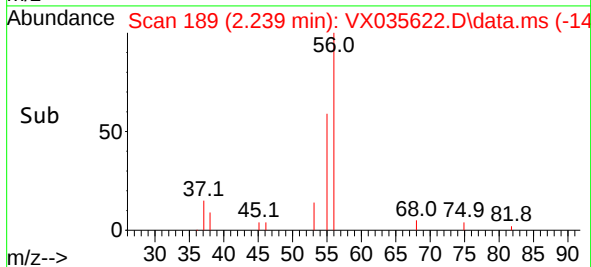
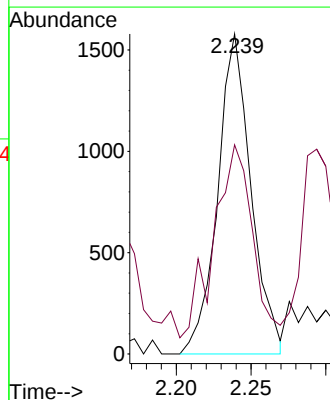
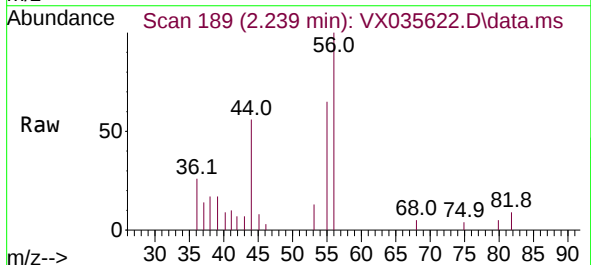
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-06-79-05042023

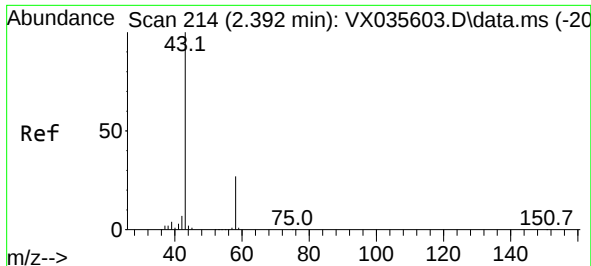
Tgt Ion:168 Resp: 183981
Ion Ratio Lower Upper
168 100
99 70.3 45.7 68.5#



#13
Acrolein
Concen: 3.642 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX035622.D
Acq: 11 May 2023 20:56

Tgt Ion: 56 Resp: 2448
Ion Ratio Lower Upper
56 100
55 82.1 56.6 85.0

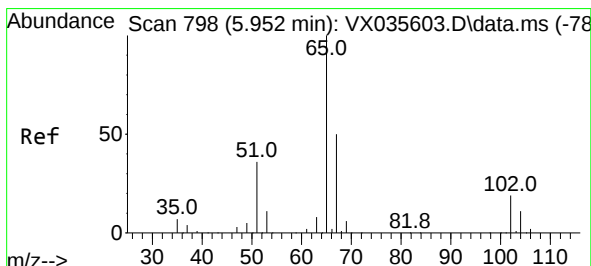
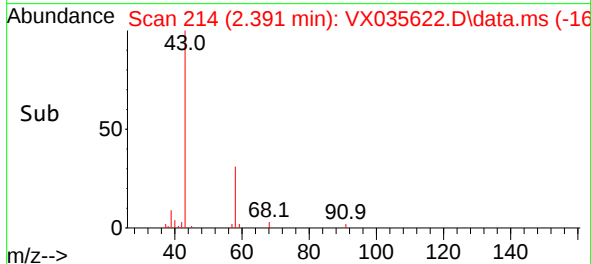
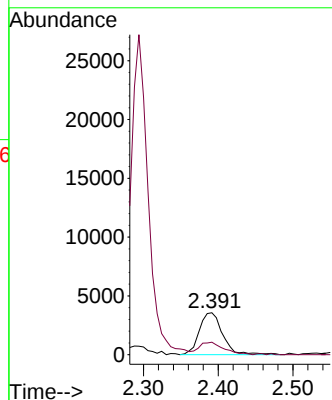
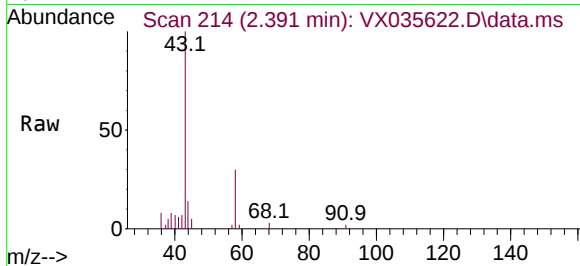




#16
Acetone
Concen: 5.633 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.001 min
Lab File: VX035622.D
Acq: 11 May 2023 20:56

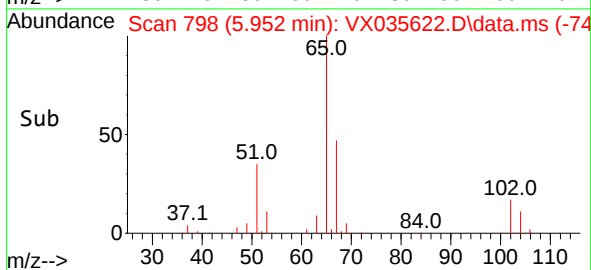
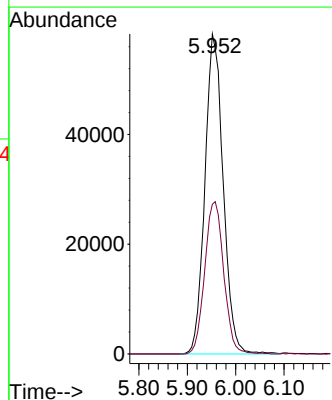
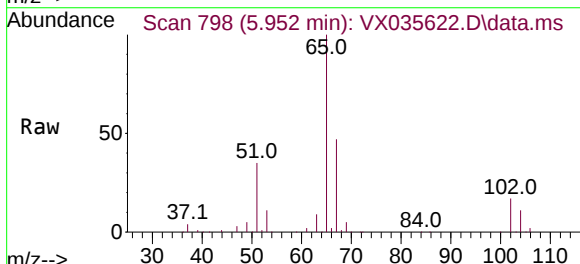
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-06-79-05042023

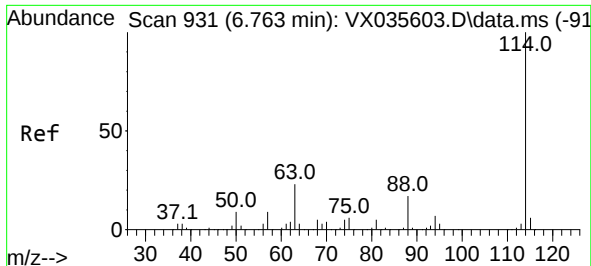
Tgt Ion: 43 Resp: 7770
Ion Ratio Lower Upper
43 100
58 29.7 24.7 37.1



#33
1,2-Dichloroethane-d4
Concen: 47.780 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX035622.D
Acq: 11 May 2023 20:56

Tgt Ion: 65 Resp: 153357
Ion Ratio Lower Upper
65 100
67 49.5 0.0 104.0

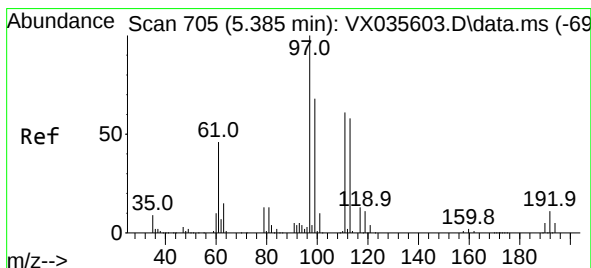
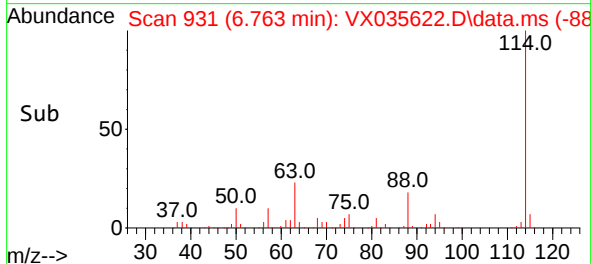
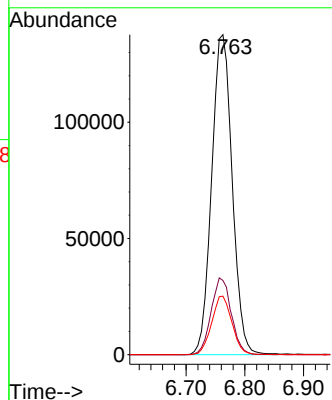
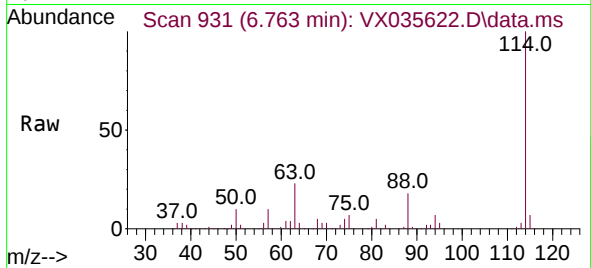




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035622.D
Acq: 11 May 2023 20:56

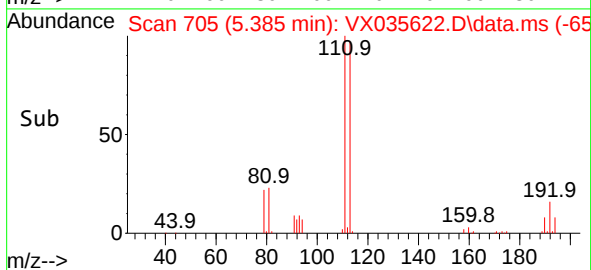
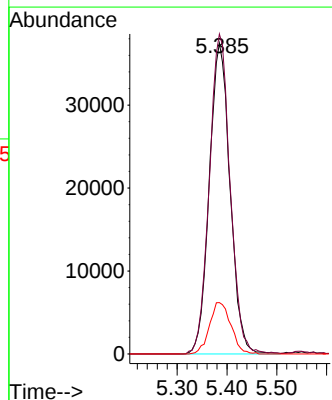
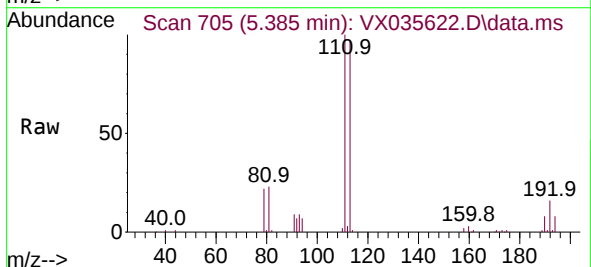
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-06-79-05042023

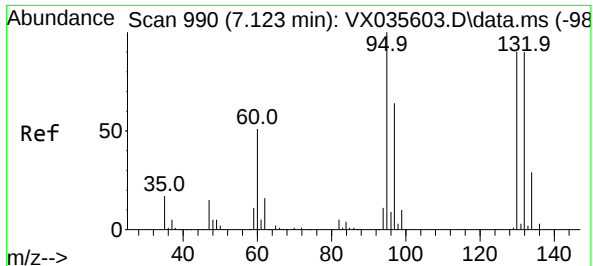
Tgt Ion:114 Resp: 334704
Ion Ratio Lower Upper
114 100
63 23.2 0.0 42.2
88 18.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.872 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035622.D
Acq: 11 May 2023 20:56

Tgt Ion:113 Resp: 108059
Ion Ratio Lower Upper
113 100
111 103.3 83.7 125.5
192 17.1 15.4 23.2

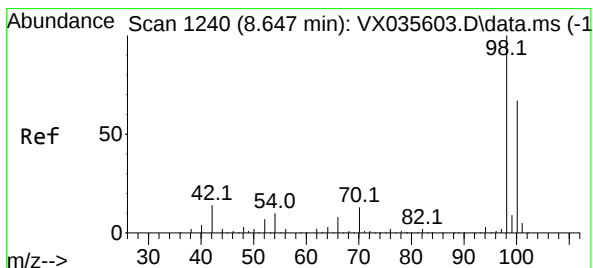
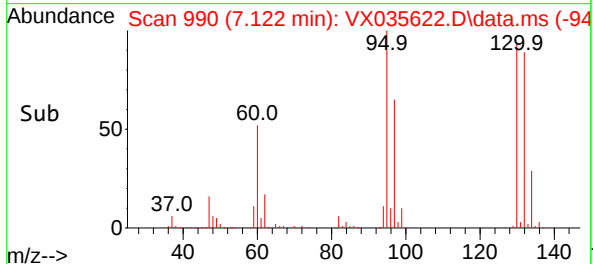
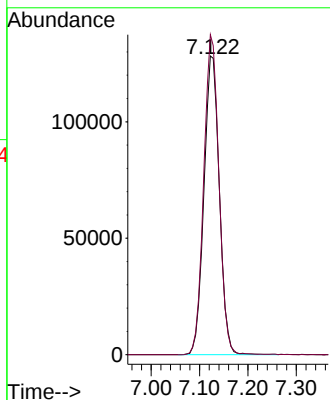
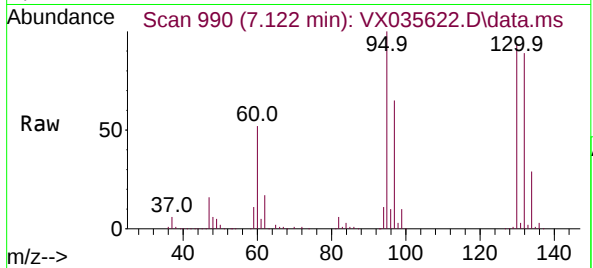




#44
Trichloroethene
Concen: 112.360 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.001 min
Lab File: VX035622.D
Acq: 11 May 2023 20:56

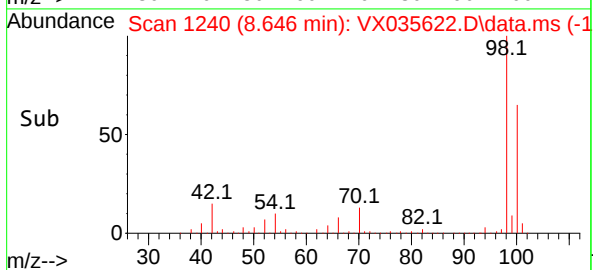
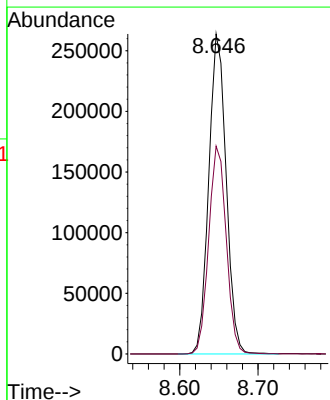
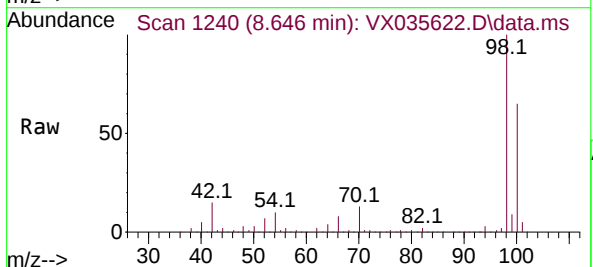
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ClientSampleId :
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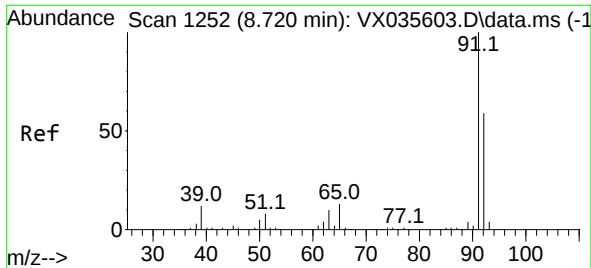
Tgt Ion:130 Resp: 283973
Ion Ratio Lower Upper
130 100
95 107.1 0.0 198.4



#50
Toluene-d8
Concen: 48.721 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.001 min
Lab File: VX035622.D
Acq: 11 May 2023 20:56

Tgt Ion: 98 Resp: 406278
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7





#52

Toluene

Concen: 0.274 ug/l

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035622.D

Acq: 11 May 2023 20:56

Instrument :

MSVOA_X

ClientSampleId :

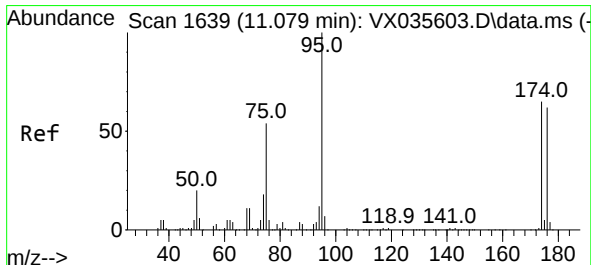
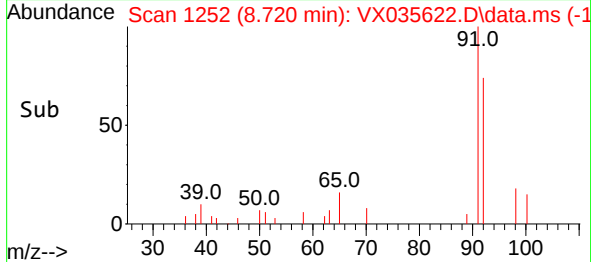
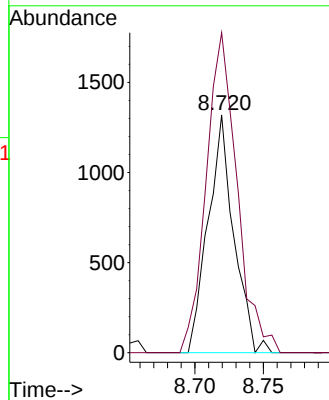
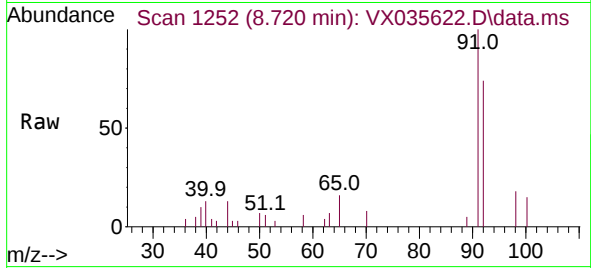
FSND-PRO-06-79-05042023

Tgt Ion: 92 Resp: 1725

Ion Ratio Lower Upper

92 100

91 161.2 136.8 205.2



#62

4-Bromofluorobenzene

Concen: 49.373 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX035622.D

Acq: 11 May 2023 20:56

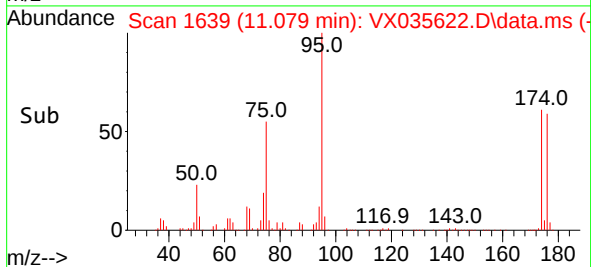
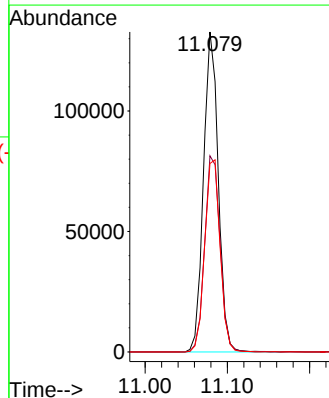
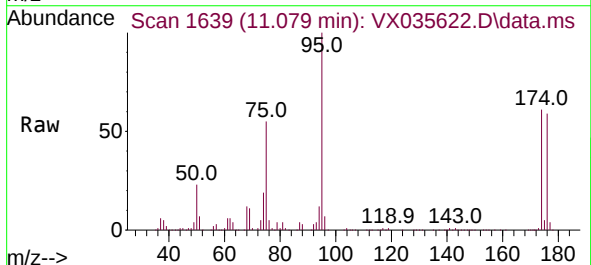
Tgt Ion: 95 Resp: 165772

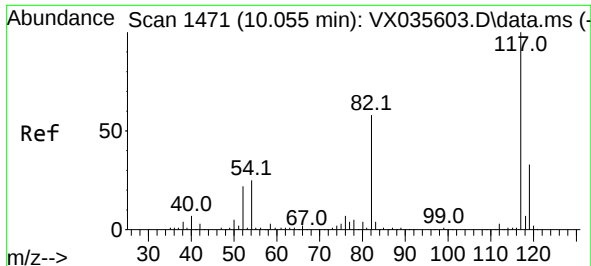
Ion Ratio Lower Upper

95 100

174 63.9 0.0 147.4

176 62.6 0.0 140.6

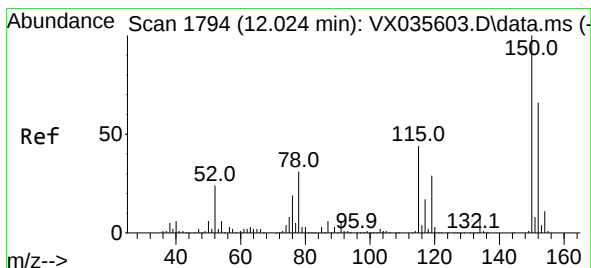
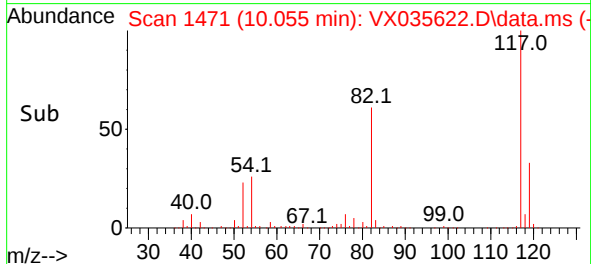
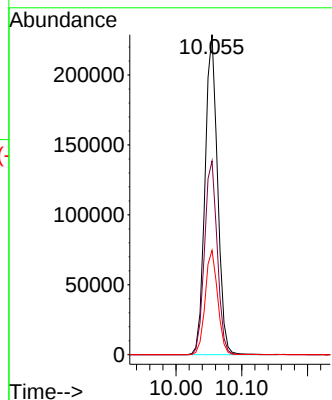
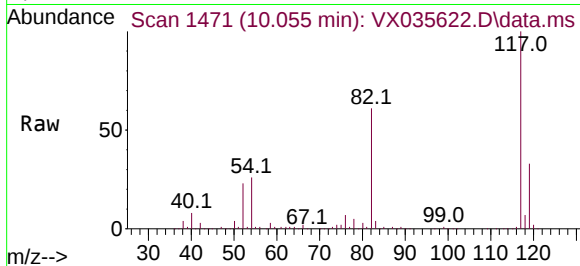




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035622.D
Acq: 11 May 2023 20:56

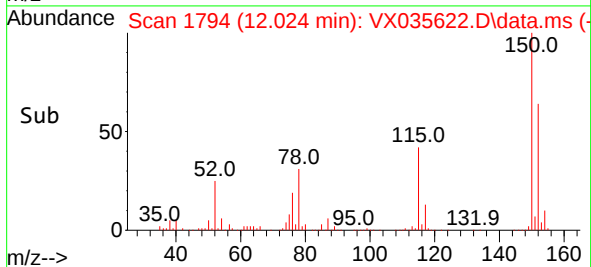
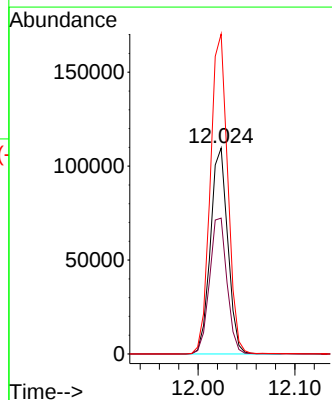
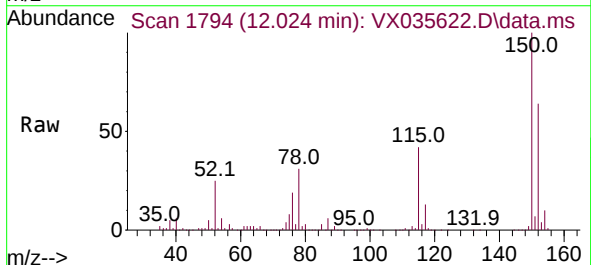
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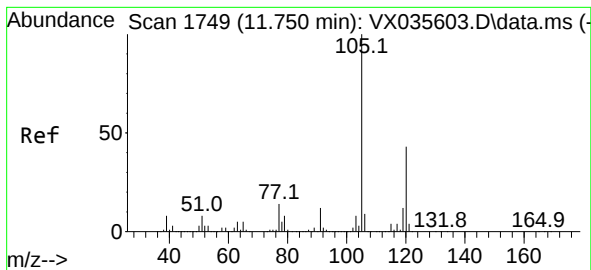
Tgt Ion:117 Resp: 303230
Ion Ratio Lower Upper
117 100
82 60.5 45.0 67.4
119 32.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX035622.D
Acq: 11 May 2023 20:56

Tgt Ion:152 Resp: 136405
Ion Ratio Lower Upper
152 100
115 66.5 45.0 135.0
150 156.3 0.0 352.4





#84

1,2,4-Trimethylbenzene

Concen: 0.290 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX035622.D

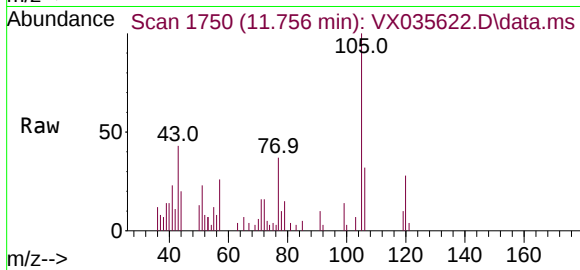
Acq: 11 May 2023 20:56

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-06-79-05042023



Tgt Ion:105 Resp: 2841

Ion Ratio Lower Upper

105 100

120 28.4 22.4 67.0

