

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051523\
 Data File : VX035666.D
 Acq On : 15 May 2023 15:36
 Operator : JC/MD
 Sample : 02751-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-04-71-05092023

Quant Time: May 16 05:00:27 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)

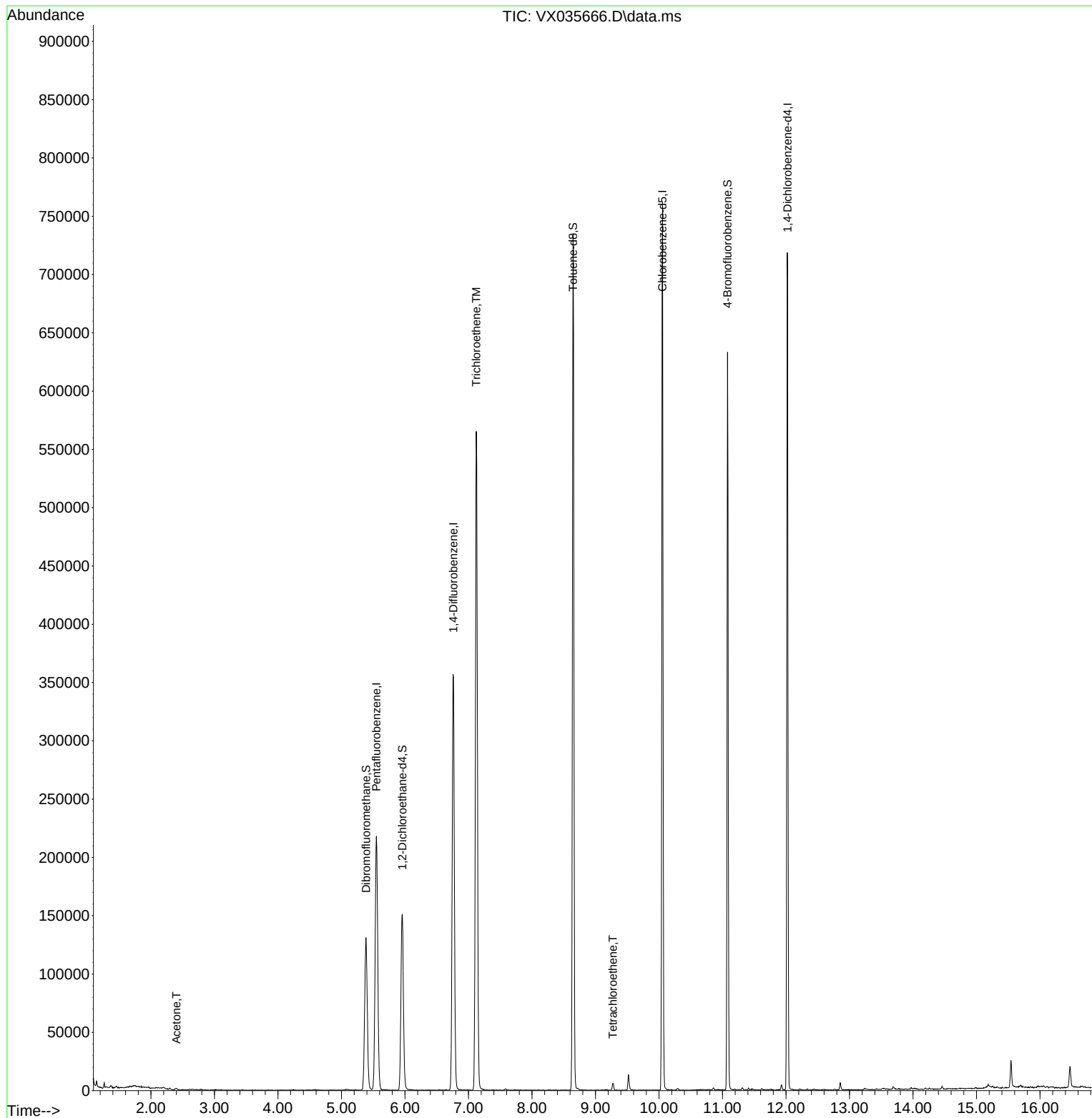
Internal Standards						
1) Pentafluorobenzene	5.550	168	188231	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	345444	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	315445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155186	47.259	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.520%
35) Dibromofluoromethane	5.385	113	111693	47.944	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.880%
50) Toluene-d8	8.647	98	413493	48.045	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.100%
62) 4-Bromofluorobenzene	11.079	95	167428	48.316	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.640%
Target Compounds						
						Qvalue
16) Acetone	2.398	43	1964	1.392	ug/l	99
44) Trichloroethene	7.123	130	206817	79.287	ug/l	92
64) Tetrachloroethene	9.275	164	797	0.375	ug/l	94

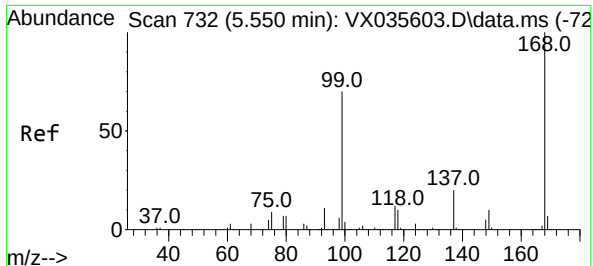
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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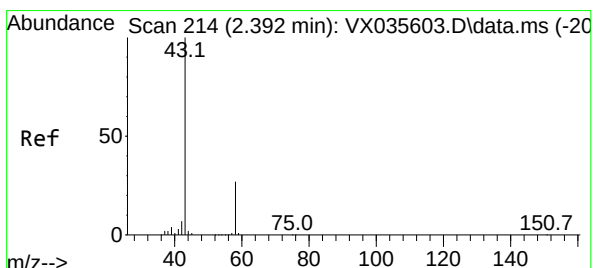
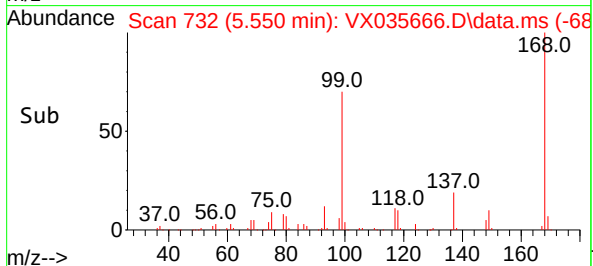
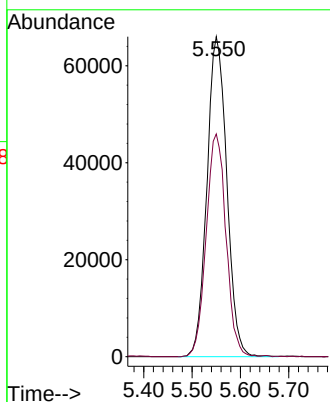
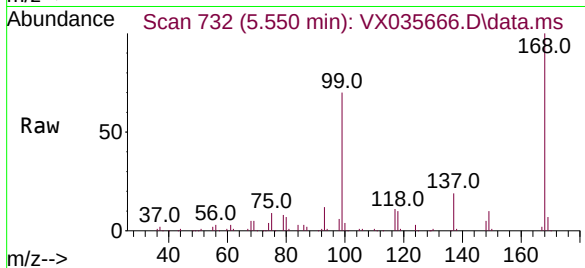




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035666.D
Acq: 15 May 2023 15:36

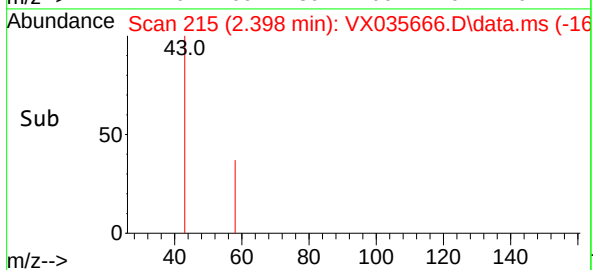
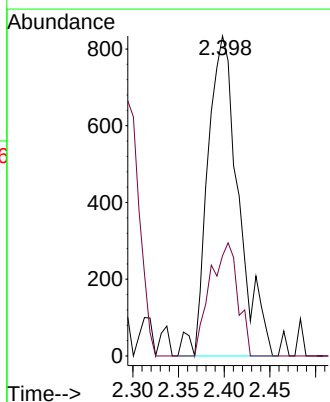
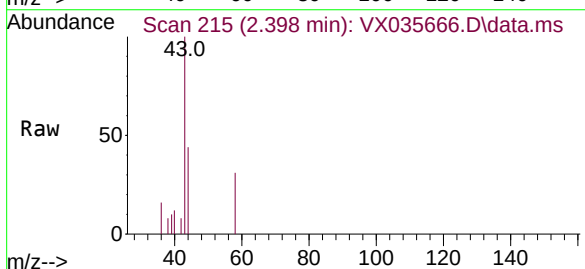
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-04-71-05092023

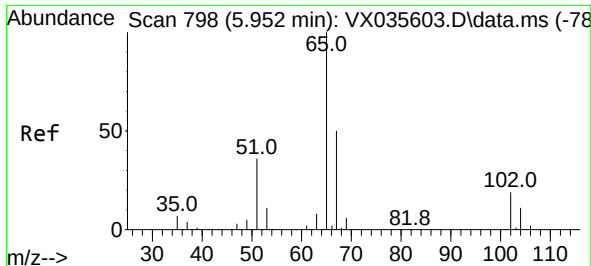
Tgt Ion:168 Resp: 188231
Ion Ratio Lower Upper
168 100
99 69.6 45.7 68.5#



#16
Acetone
Concen: 1.392 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035666.D
Acq: 15 May 2023 15:36

Tgt Ion: 43 Resp: 1964
Ion Ratio Lower Upper
43 100
58 31.3 24.7 37.1





#33

1,2-Dichloroethane-d4

Concen: 47.259 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX035666.D

Acq: 15 May 2023 15:36

Instrument :

MSVOA_X

ClientSampleId :

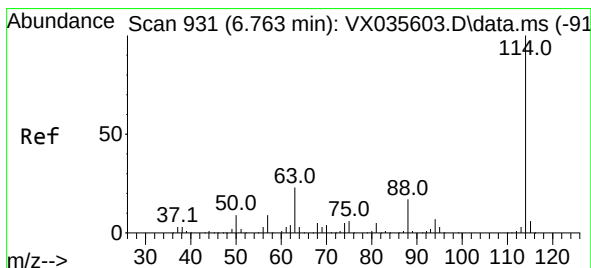
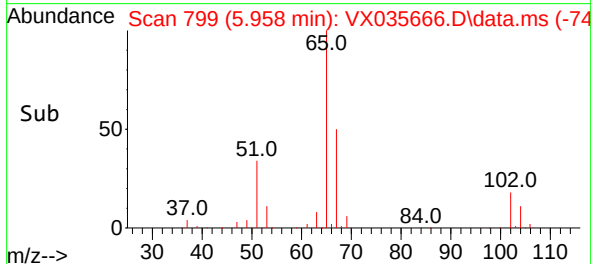
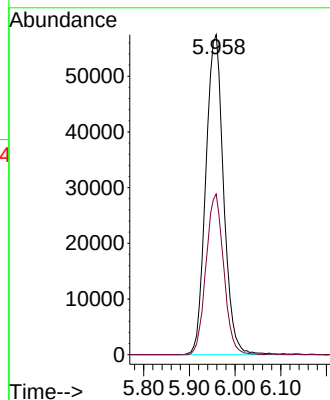
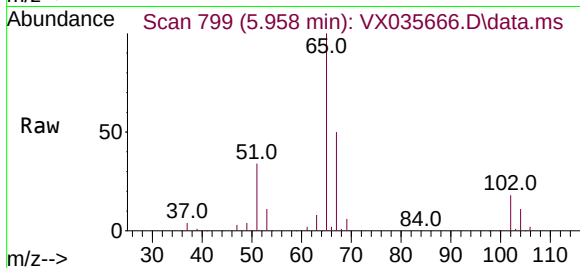
FSND-PRO-04-71-05092023

Tgt Ion: 65 Resp: 155186

Ion Ratio Lower Upper

65 100

67 49.9 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: VX035666.D

Acq: 15 May 2023 15:36

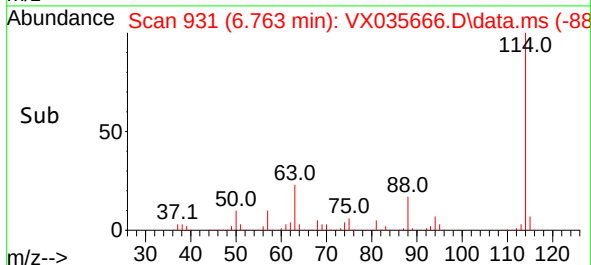
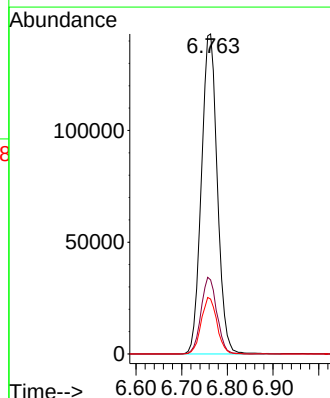
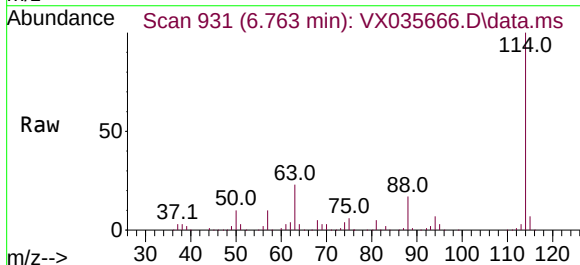
Tgt Ion: 114 Resp: 345444

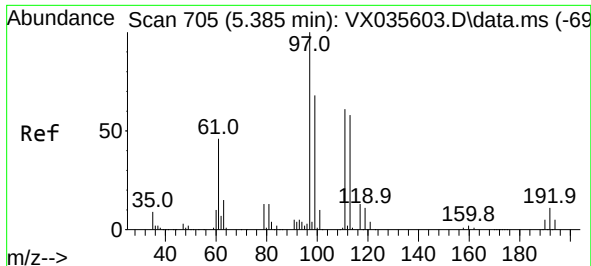
Ion Ratio Lower Upper

114 100

63 23.1 0.0 42.2

88 17.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.944 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035666.D

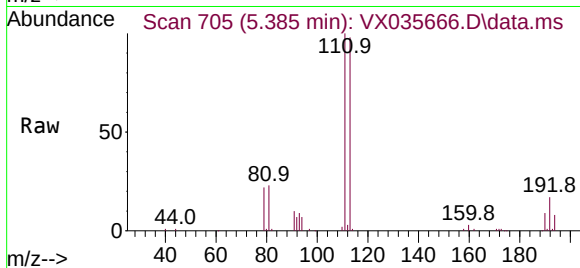
Acq: 15 May 2023 15:36

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-04-71-05092023



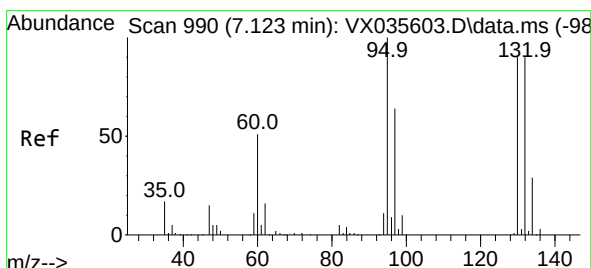
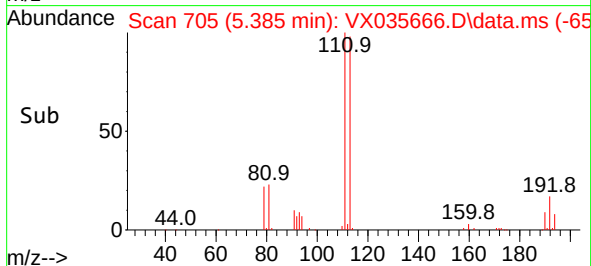
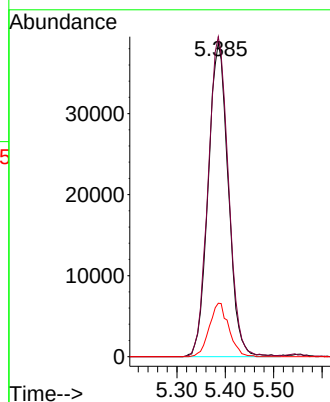
Tgt Ion:113 Resp: 111693

Ion Ratio Lower Upper

113 100

111 103.4 83.7 125.5

192 16.6 15.4 23.2



#44

Trichloroethene

Concen: 79.287 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX035666.D

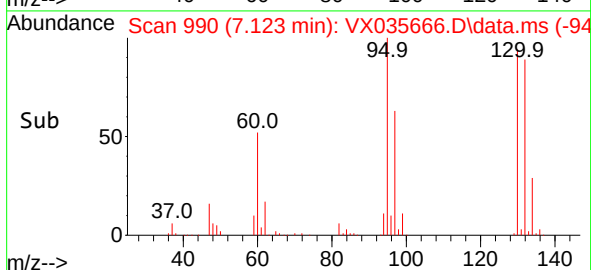
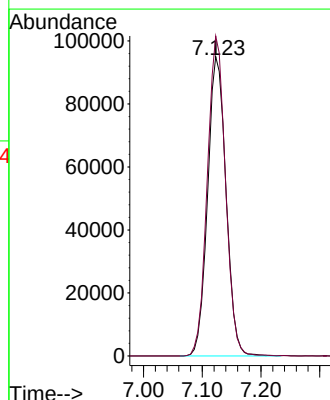
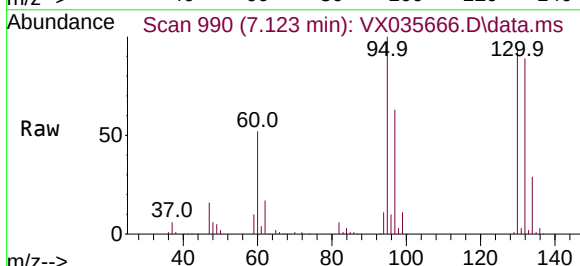
Acq: 15 May 2023 15:36

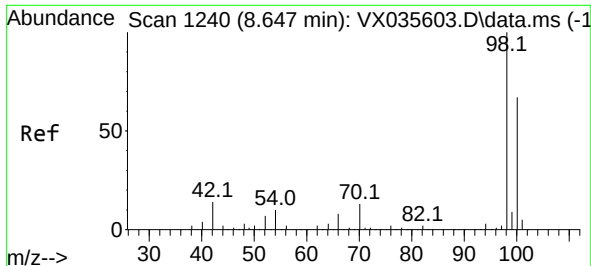
Tgt Ion:130 Resp: 206817

Ion Ratio Lower Upper

130 100

95 106.9 0.0 198.4

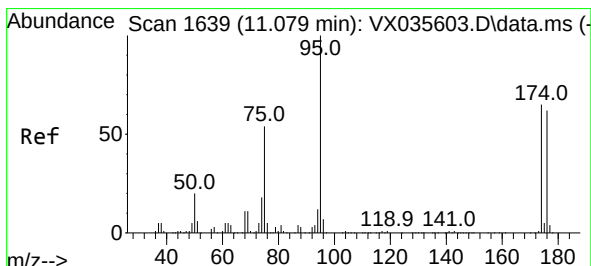
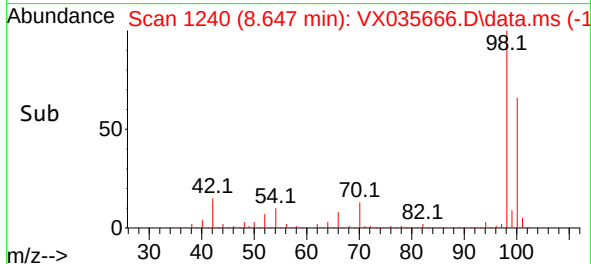
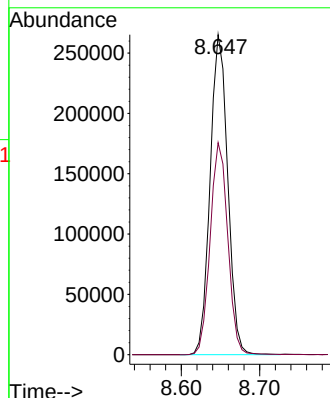
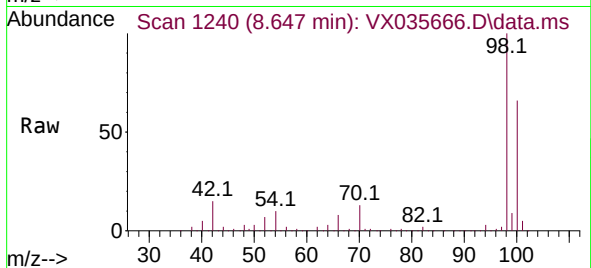




#50
Toluene-d8
Concen: 48.045 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035666.D
Acq: 15 May 2023 15:36

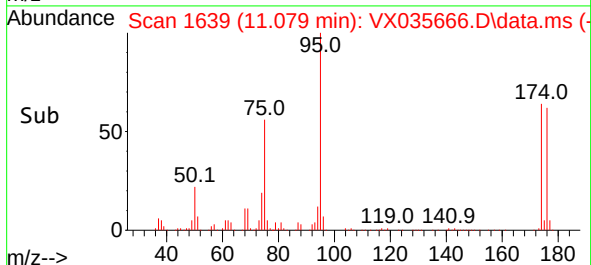
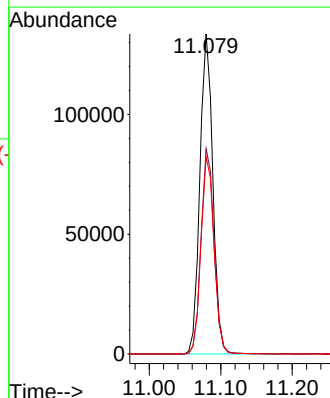
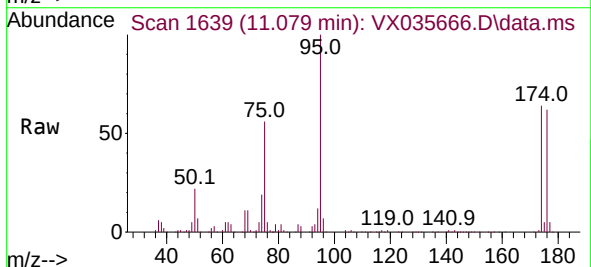
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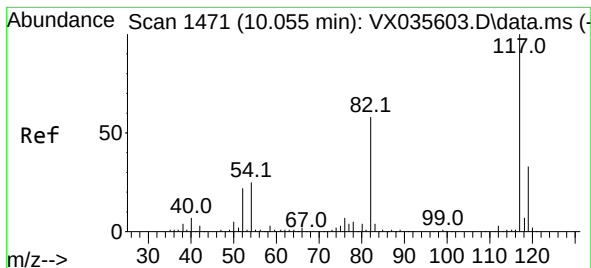
Tgt Ion: 98 Resp: 413493
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 48.316 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035666.D
Acq: 15 May 2023 15:36

Tgt Ion: 95 Resp: 167428
Ion Ratio Lower Upper
95 100
174 64.6 0.0 147.4
176 62.4 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: VX035666.D

Acq: 15 May 2023 15:36

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-04-71-05092023

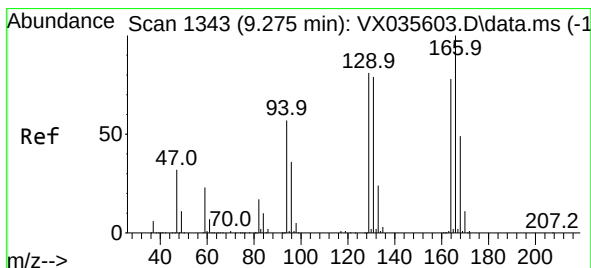
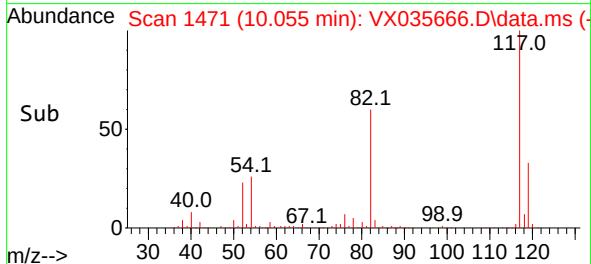
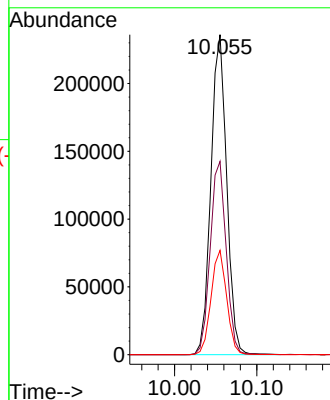
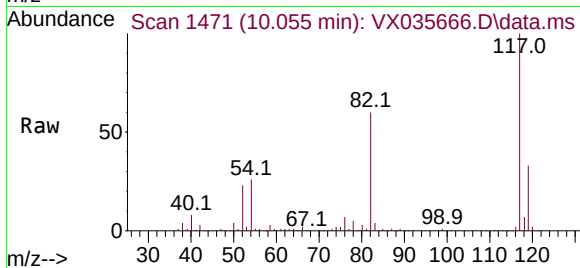
Tgt Ion:117 Resp: 315445

Ion Ratio Lower Upper

117 100

82 60.4 45.0 67.4

119 32.6 26.0 39.0



#64

Tetrachloroethene

Concen: 0.375 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX035666.D

Acq: 15 May 2023 15:36

Tgt Ion:164 Resp: 797

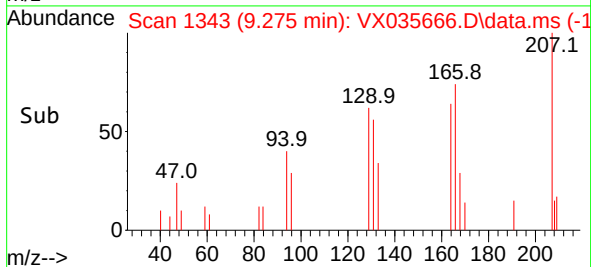
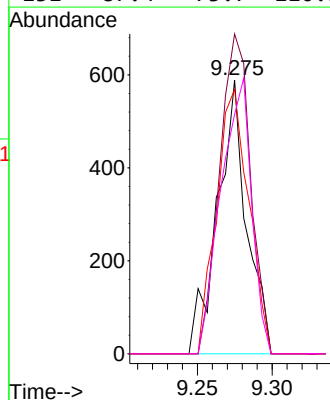
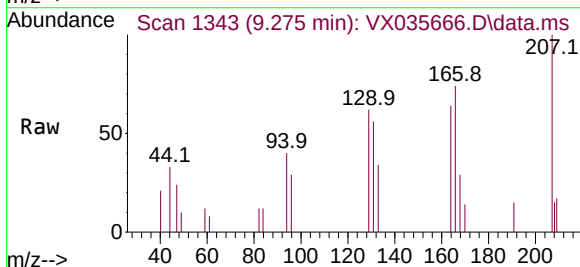
Ion Ratio Lower Upper

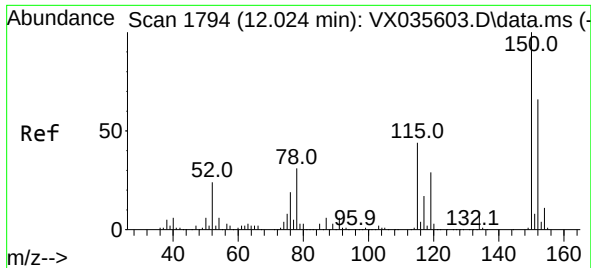
164 100

166 116.8 102.7 154.1

129 96.6 75.6 113.4

131 87.4 73.7 110.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035666.D

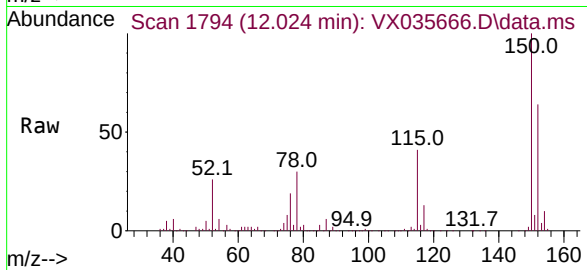
Acq: 15 May 2023 15:36

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 137271

Ion Ratio Lower Upper

152 100

115 65.6 45.0 135.0

150 157.5 0.0 352.4

