

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
 Data File : VX035792.D
 Acq On : 22 May 2023 18:08
 Operator : JC/MD
 Sample : 02860-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-08-81-05112023

Quant Time: May 23 06:14:56 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)

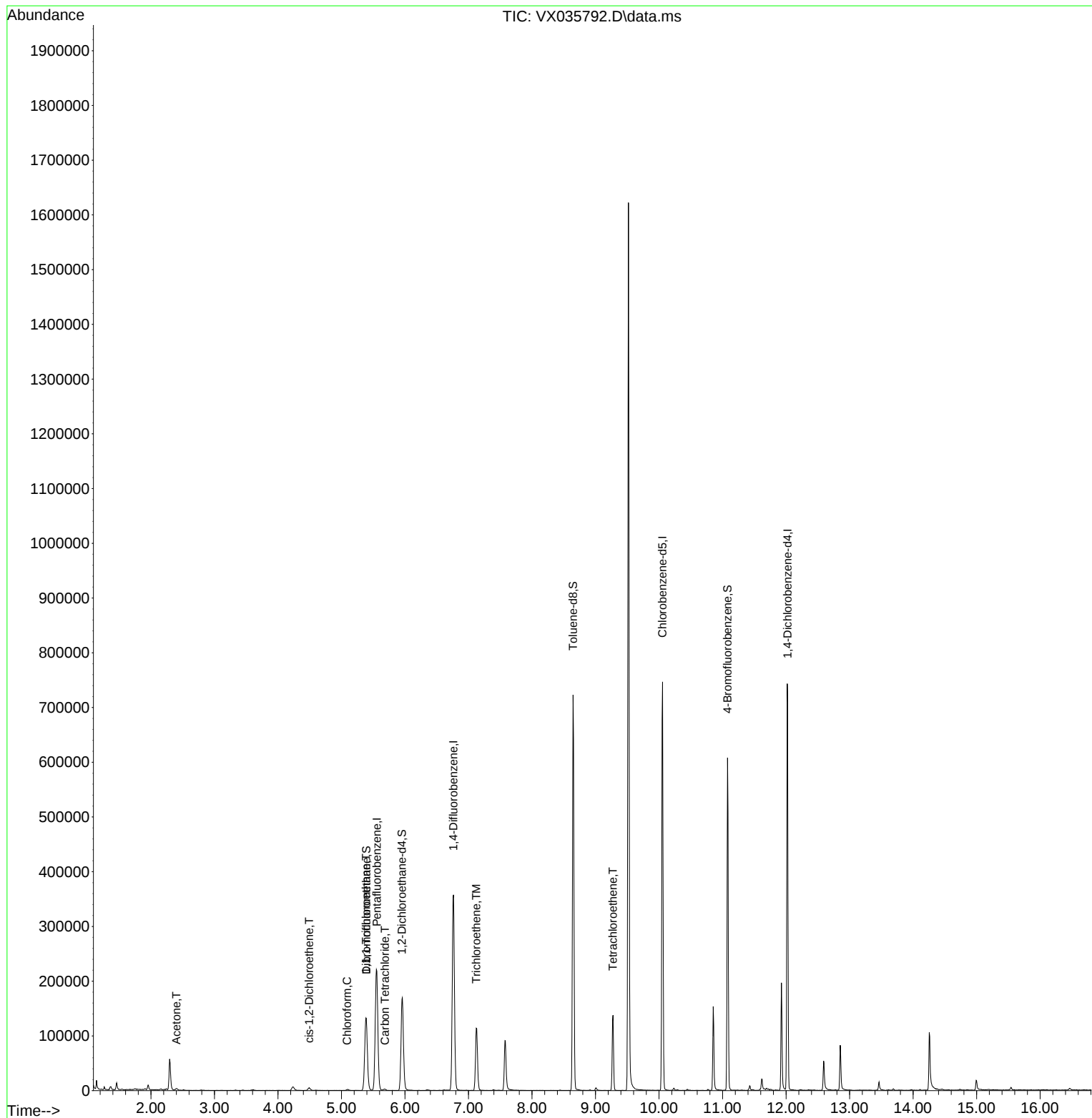
Internal Standards						
1) Pentafluorobenzene	5.556	168	191760	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	341023	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	309530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	172163	51.464	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.920%	
35) Dibromofluoromethane	5.391	113	110225	47.927	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.860%	
50) Toluene-d8	8.647	98	396506	46.669	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 93.340%	
62) 4-Bromofluorobenzene	11.079	95	159992	46.768	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.540%	
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	4697	3.267	ug/l	# 86
27) cis-1,2-Dichloroethene	4.489	96	2919	1.038	ug/l	90
30) Chloroform	5.086	83	2095	0.427	ug/l	87
32) 1,1,1-Trichloroethane	5.385	97	6866	1.607	ug/l	98
38) Carbon Tetrachloride	5.684	117	2181	0.634	ug/l	# 72
44) Trichloroethene	7.123	130	41664	16.180	ug/l	97
64) Tetrachloroethene	9.275	164	23284	11.173	ug/l	95

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

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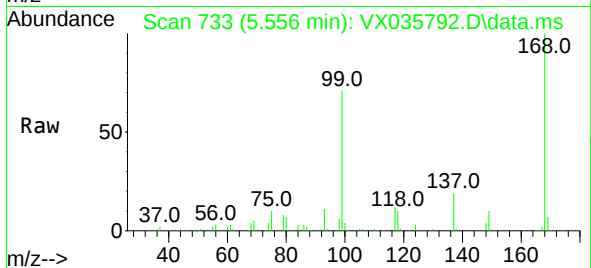
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration



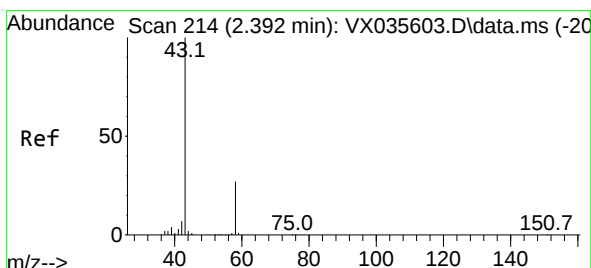
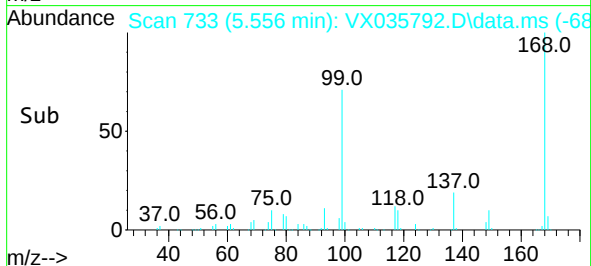
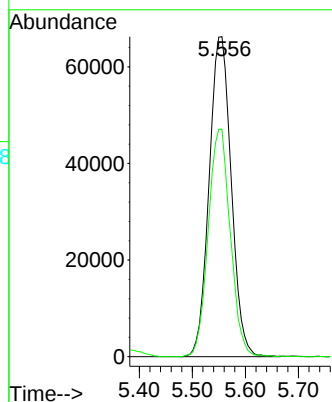


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035792.D
Acq: 22 May 2023 18:08

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-08-81-05112023

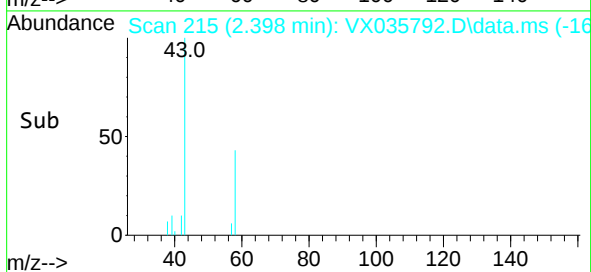
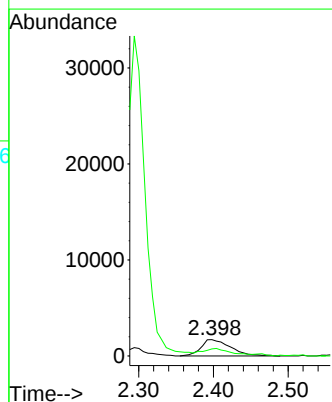
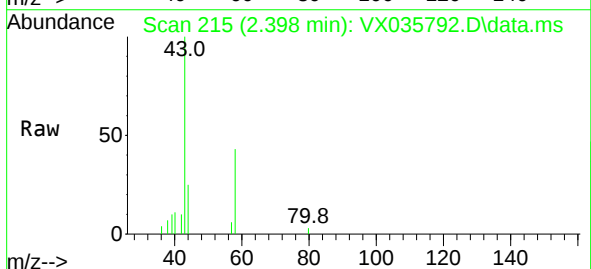


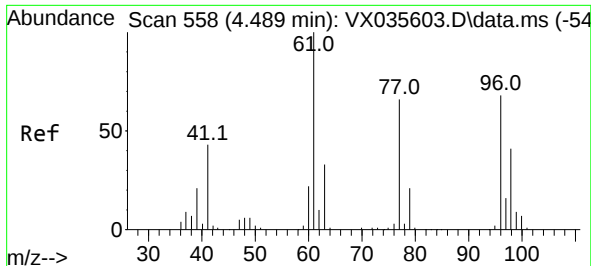
Tgt Ion:168 Resp: 191760
Ion Ratio Lower Upper
168 100
99 71.1 45.7 68.5#



#16
Acetone
Concen: 3.267 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035792.D
Acq: 22 May 2023 18:08

Tgt Ion: 43 Resp: 4697
Ion Ratio Lower Upper
43 100
58 38.4 24.7 37.1#





#27

cis-1,2-Dichloroethene

Concen: 1.038 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX035792.D

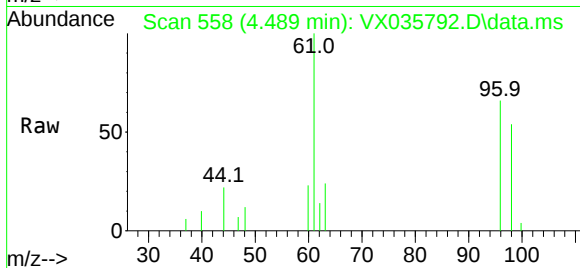
Acq: 22 May 2023 18:08

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-08-81-05112023



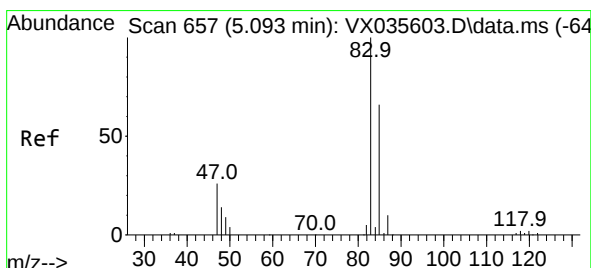
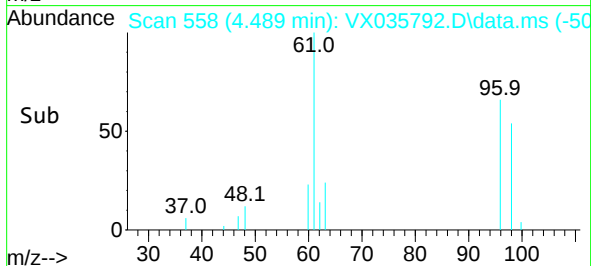
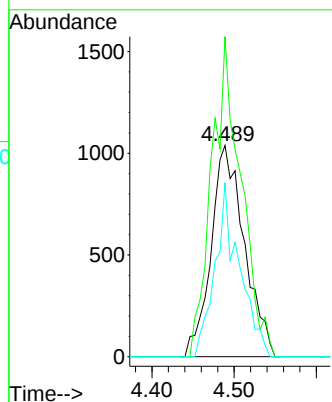
Tgt Ion: 96 Resp: 2919

Ion Ratio Lower Upper

96 100

61 134.3 0.0 300.4

98 60.4 0.0 129.0



#30

Chloroform

Concen: 0.427 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.007 min

Lab File: VX035792.D

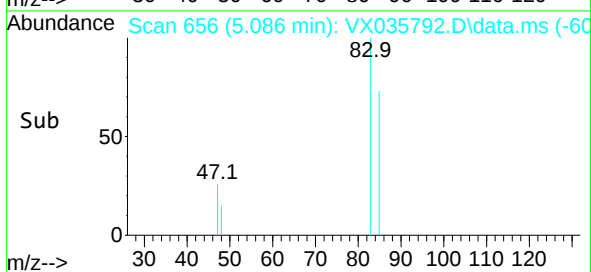
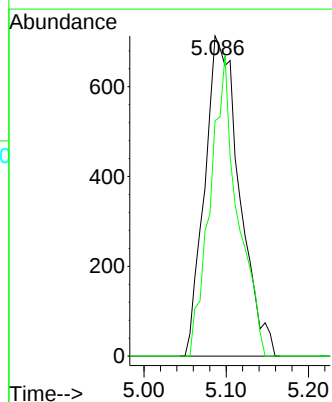
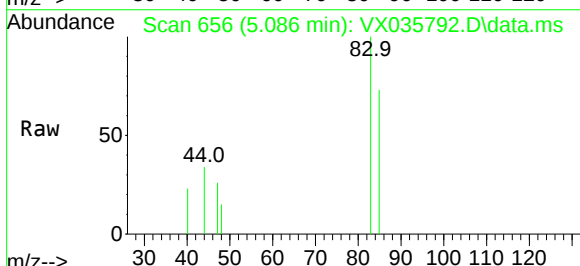
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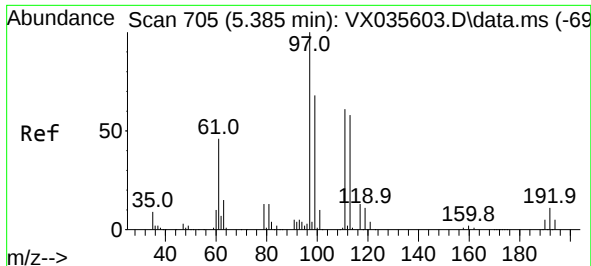
Tgt Ion: 83 Resp: 2095

Ion Ratio Lower Upper

83 100

85 73.5 50.6 76.0

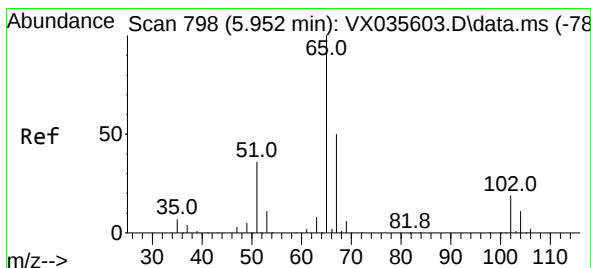
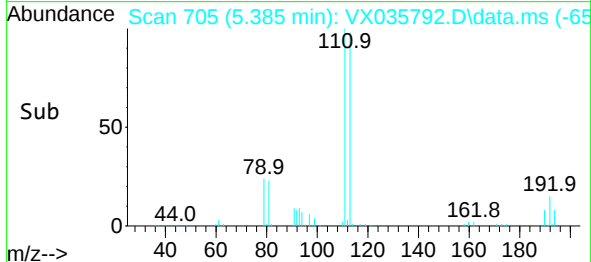
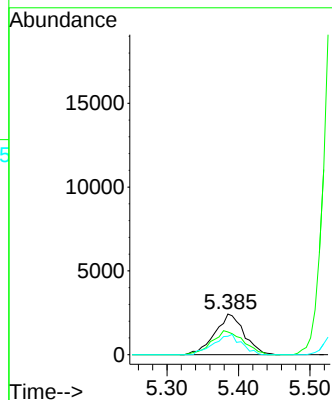
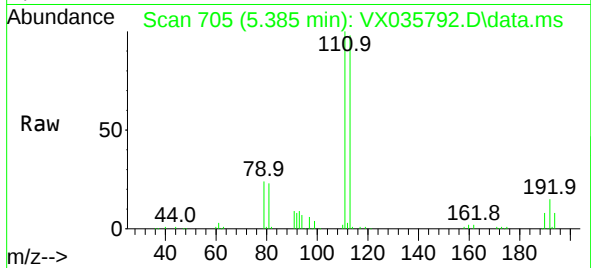




#32
1,1,1-Trichloroethane
Concen: 1.607 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035792.D
Acq: 22 May 2023 18:08

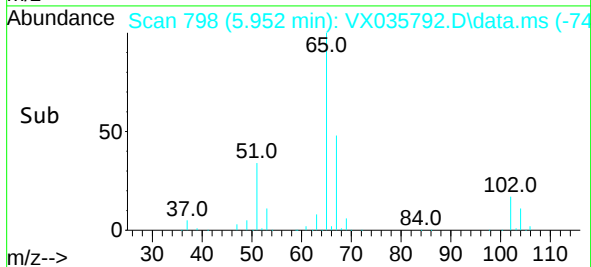
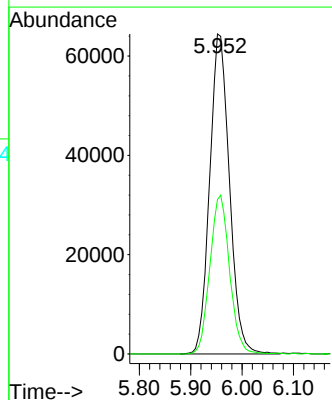
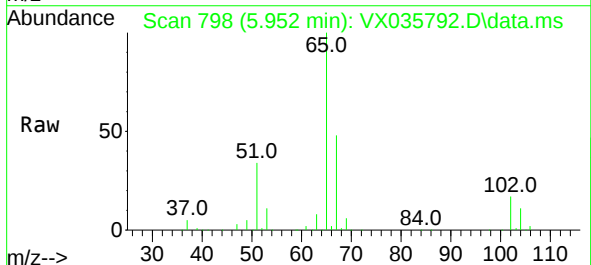
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-08-81-05112023

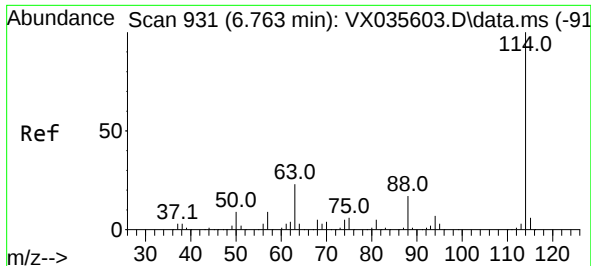
Tgt Ion: 97 Resp: 6866
Ion Ratio Lower Upper
97 100
99 63.1 51.1 76.7
61 47.1 36.5 54.7



#33
1,2-Dichloroethane-d4
Concen: 51.464 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035792.D
Acq: 22 May 2023 18:08

Tgt Ion: 65 Resp: 172163
Ion Ratio Lower Upper
65 100
67 49.3 0.0 104.0

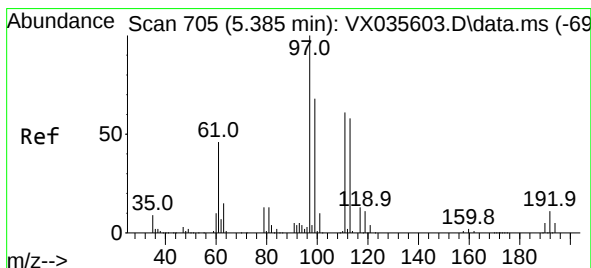
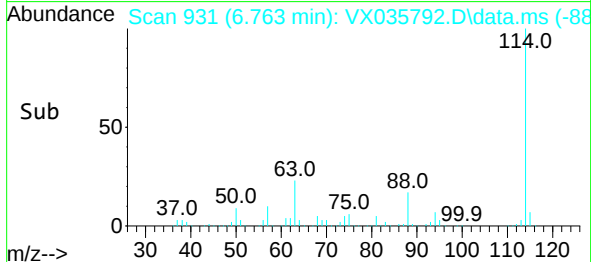
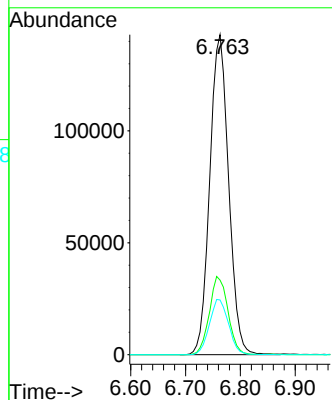
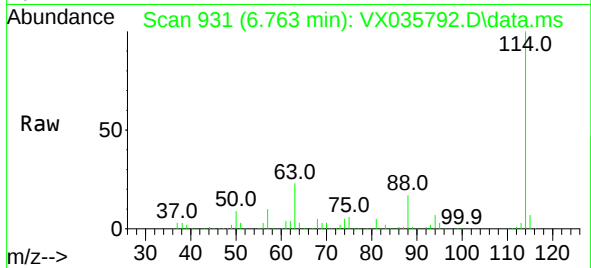




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035792.D
Acq: 22 May 2023 18:08

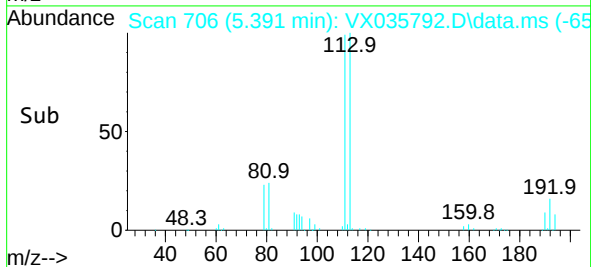
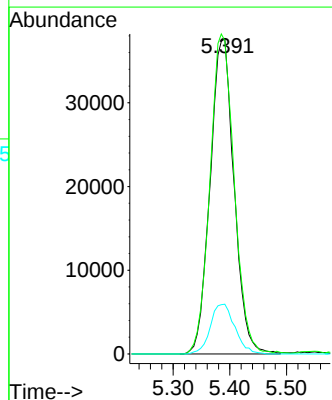
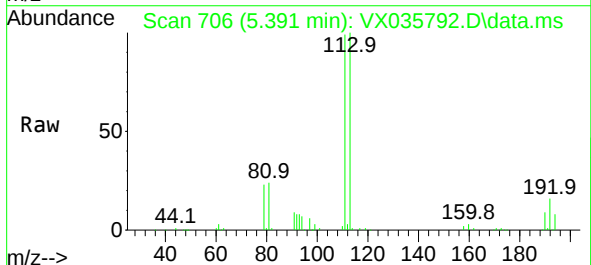
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-08-81-05112023

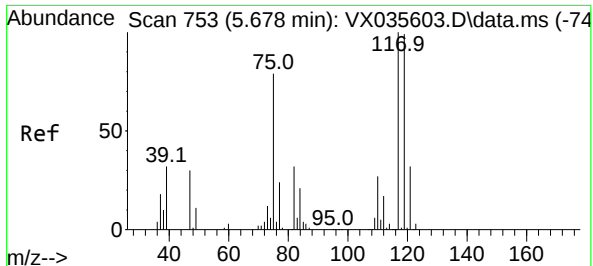
Tgt Ion:114 Resp: 341023
Ion Ratio Lower Upper
114 100
63 23.3 0.0 42.2
88 17.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.927 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX035792.D
Acq: 22 May 2023 18:08

Tgt Ion:113 Resp: 110225
Ion Ratio Lower Upper
113 100
111 102.7 83.7 125.5
192 16.2 15.4 23.2

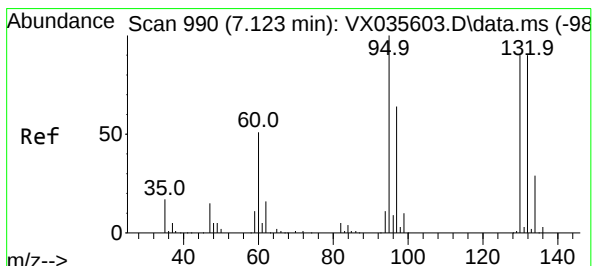
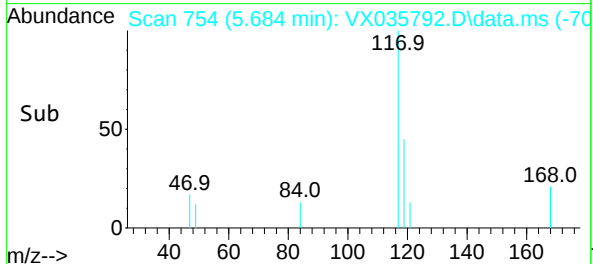
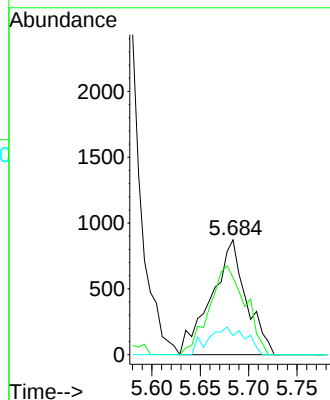
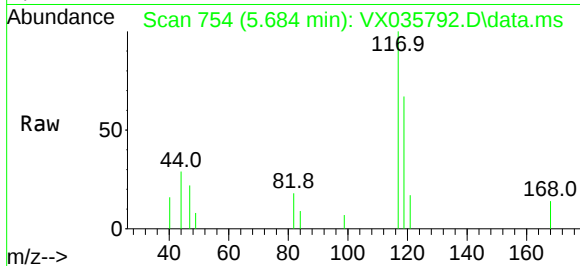




#38
Carbon Tetrachloride
Concen: 0.634 ug/l
RT: 5.684 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX035792.D
Acq: 22 May 2023 18:08

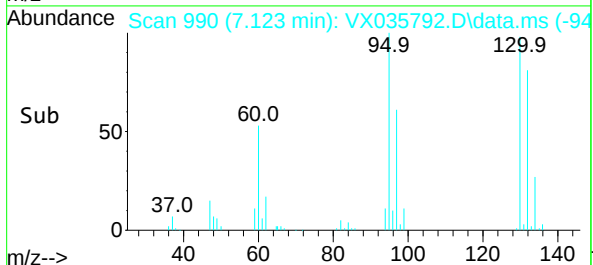
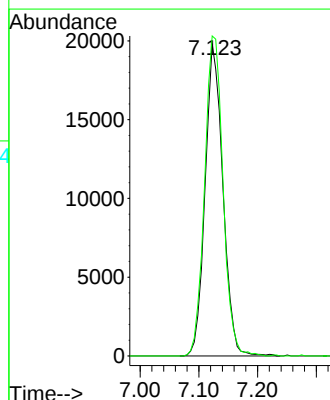
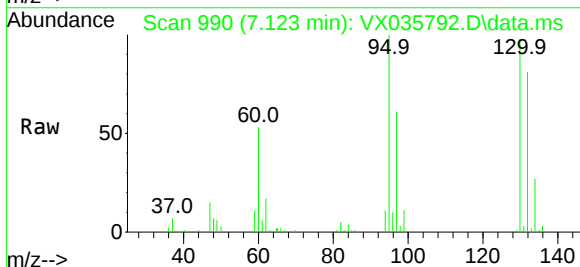
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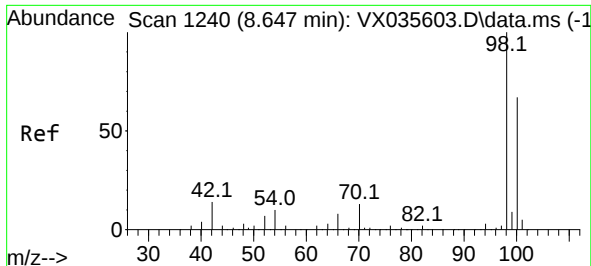
Tgt Ion:117 Resp: 2181
Ion Ratio Lower Upper
117 100
119 67.2 76.6 114.8#
121 16.7 23.8 35.6#



#44
Trichloroethene
Concen: 16.180 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035792.D
Acq: 22 May 2023 18:08

Tgt Ion:130 Resp: 41664
Ion Ratio Lower Upper
130 100
95 102.5 0.0 198.4

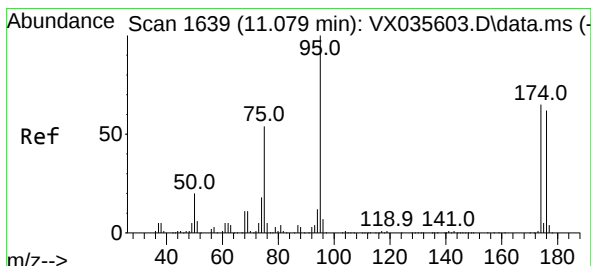
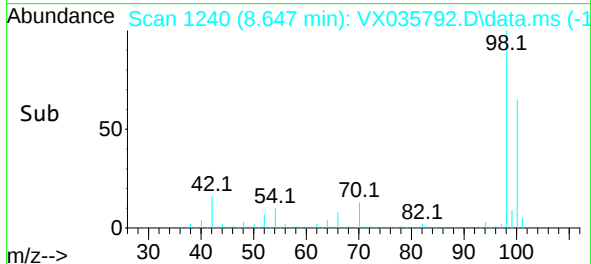
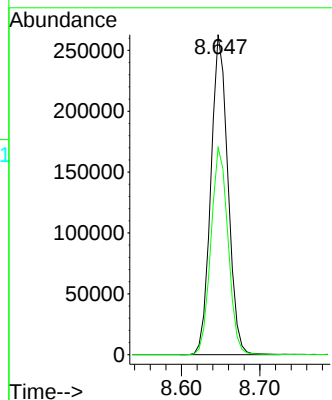
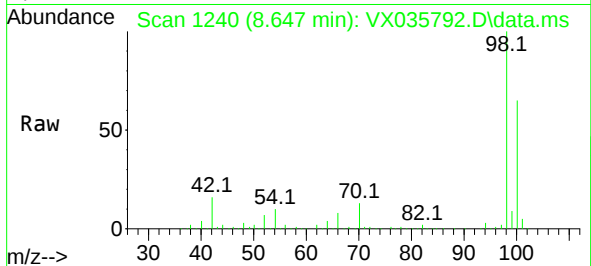




#50
Toluene-d8
Concen: 46.669 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035792.D
Acq: 22 May 2023 18:08

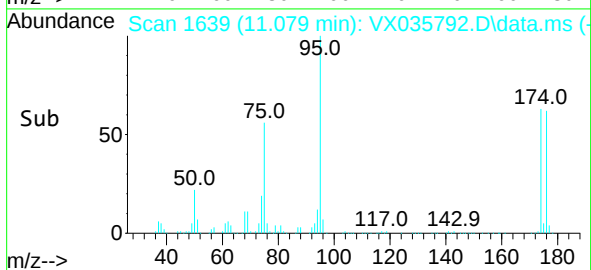
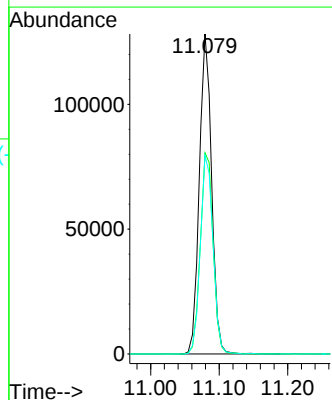
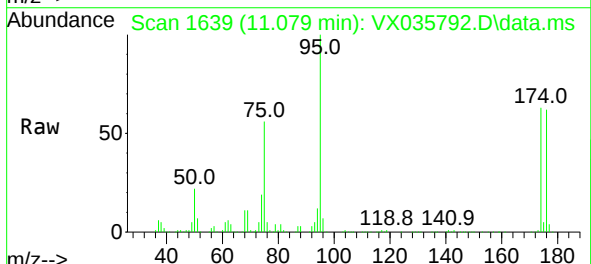
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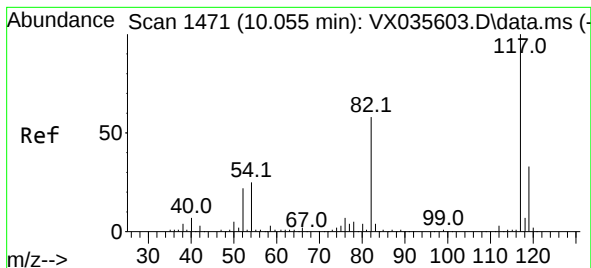
Tgt Ion: 98 Resp: 396506
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.768 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035792.D
Acq: 22 May 2023 18:08

Tgt Ion: 95 Resp: 159992
Ion Ratio Lower Upper
95 100
174 65.5 0.0 147.4
176 64.1 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: VX035792.D

Acq: 22 May 2023 18:08

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-08-81-05112023

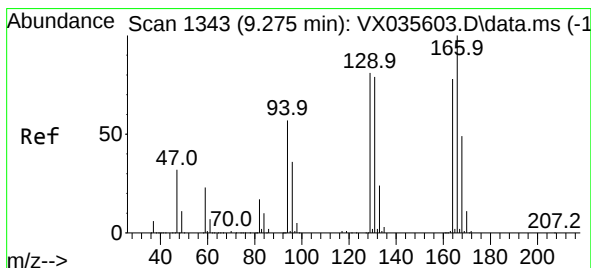
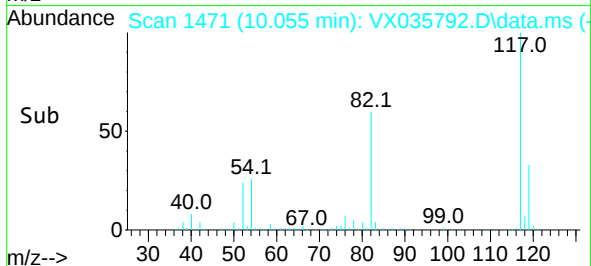
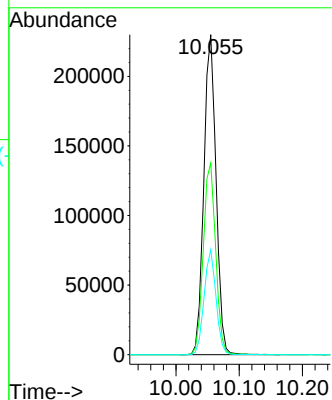
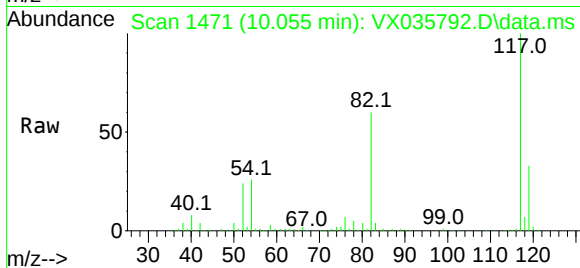
Tgt Ion:117 Resp: 309530

Ion Ratio Lower Upper

117 100

82 59.9 45.0 67.4

119 32.8 26.0 39.0



#64

Tetrachloroethene

Concen: 11.173 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX035792.D

Acq: 22 May 2023 18:08

Tgt Ion:164 Resp: 23284

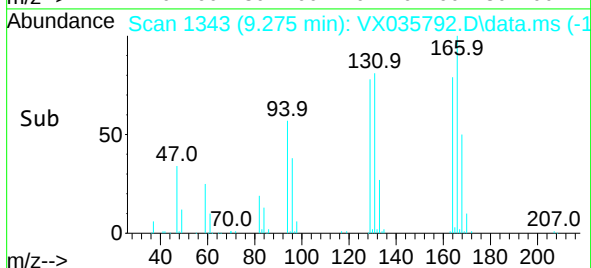
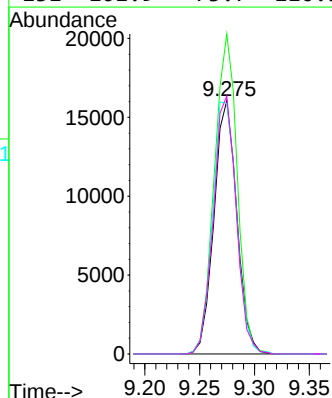
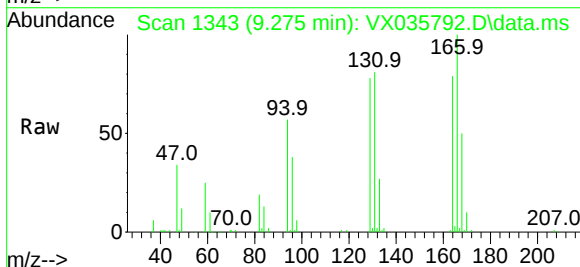
Ion Ratio Lower Upper

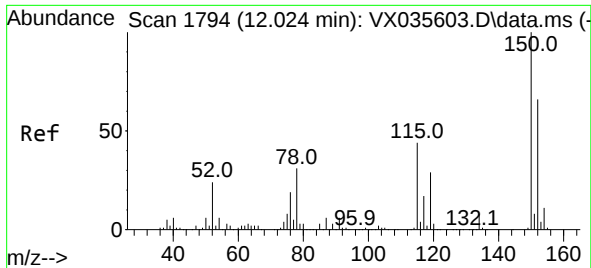
164 100

166 126.3 102.7 154.1

129 98.9 75.6 113.4

131 101.9 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: VX035792.D

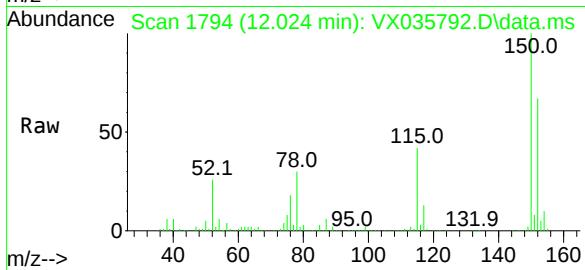
Acq: 22 May 2023 18:08

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 137489

Ion Ratio Lower Upper

152 100

115 65.6 45.0 135.0

150 154.6 0.0 352.4

