

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051523\
 Data File : VX035663.D
 Acq On : 15 May 2023 14:26
 Operator : JC/MD
 Sample : 02751-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-03-89-05072023

Quant Time: May 16 04:59:14 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)

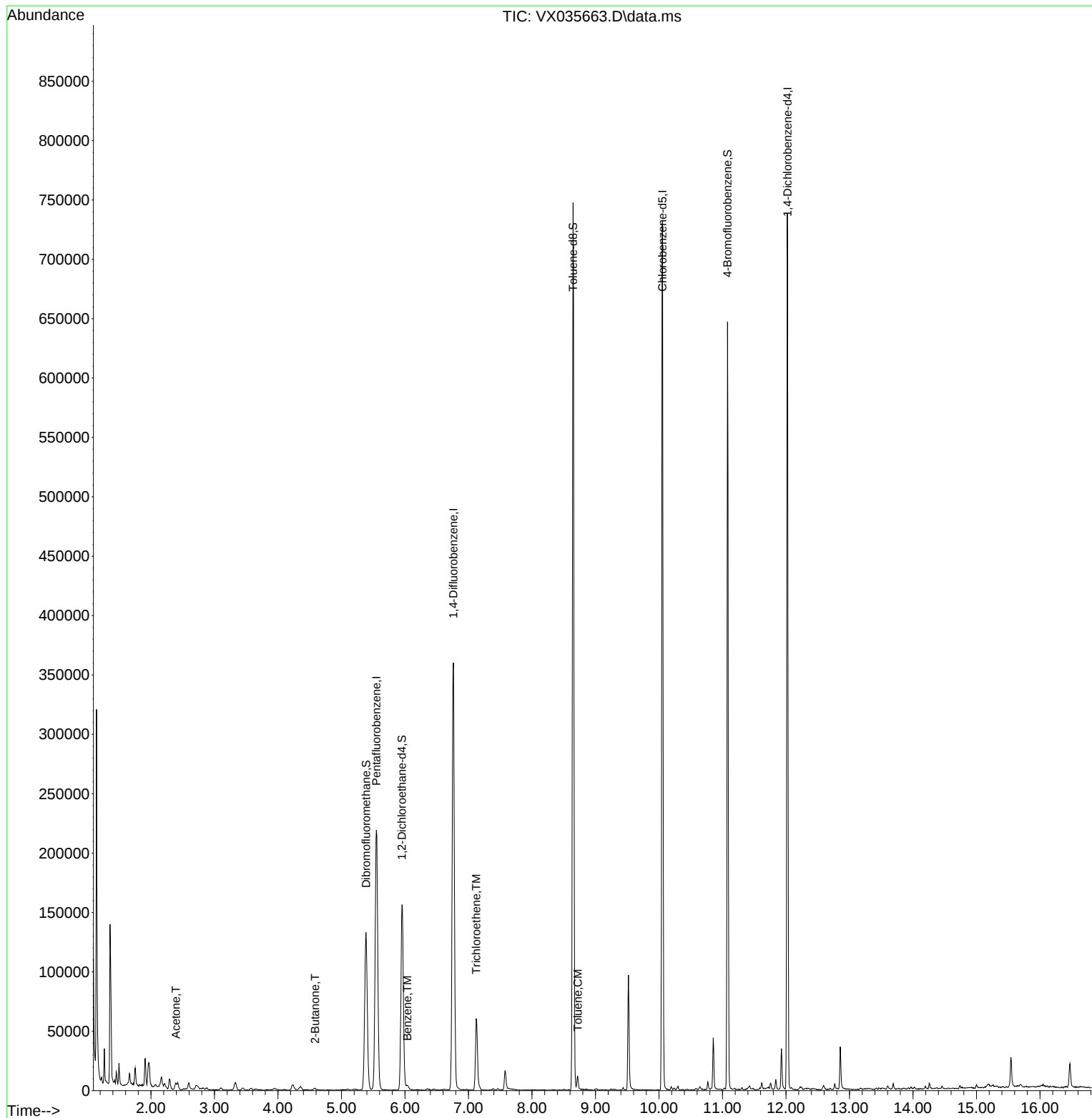
Internal Standards						
1) Pentafluorobenzene	5.550	168	188679	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	346445	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	157101	47.728	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.460%
35) Dibromofluoromethane	5.385	113	112422	48.117	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.240%
50) Toluene-d8	8.647	98	416286	48.230	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.460%
62) 4-Bromofluorobenzene	11.079	95	170340	49.014	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.020%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	7268	5.137	ug/l	98
25) 2-Butanone	4.587	43	3219	1.644	ug/l	91
40) Benzene	6.038	78	3973	0.385	ug/l #	88
44) Trichloroethene	7.123	130	21743	8.312	ug/l	89
52) Toluene	8.720	92	3920	0.602	ug/l	95

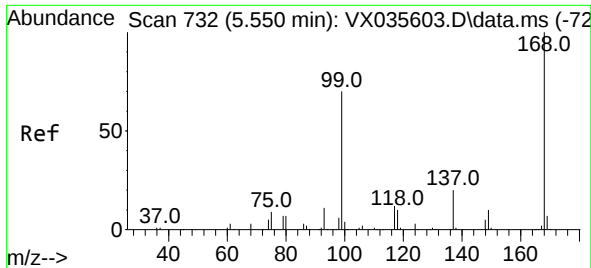
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

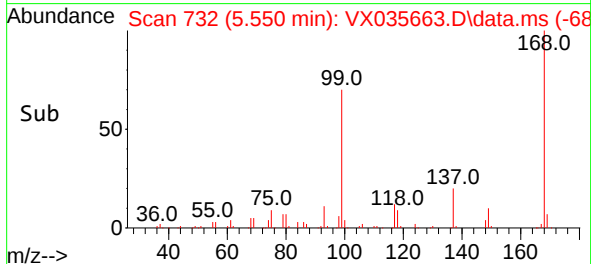
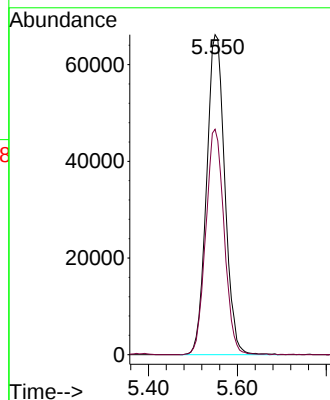
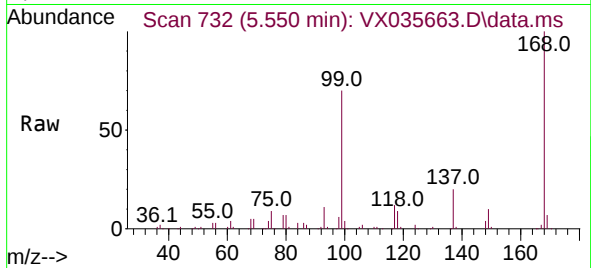




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035663.D
Acq: 15 May 2023 14:26

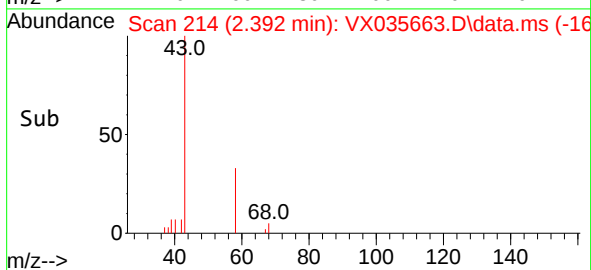
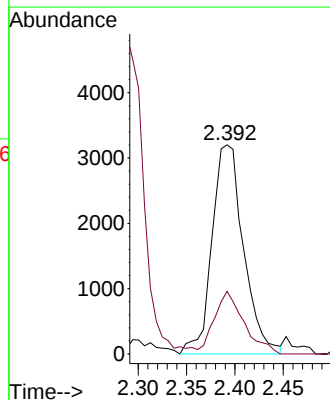
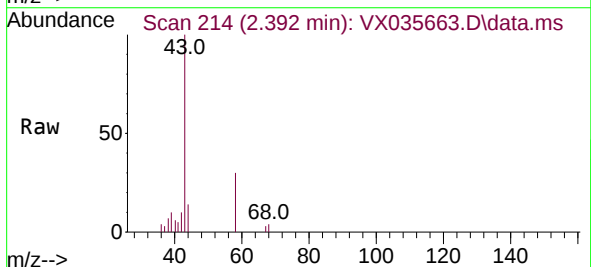
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-03-89-05072023

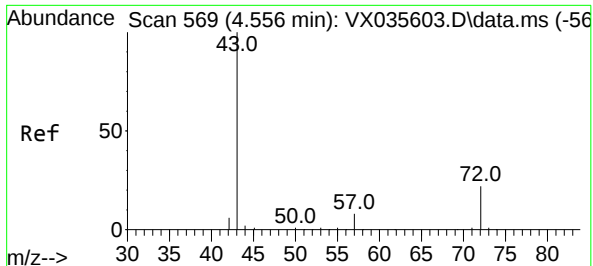
Tgt Ion:168 Resp: 188679
Ion Ratio Lower Upper
168 100
99 70.5 45.7 68.5#



#16
Acetone
Concen: 5.137 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035663.D
Acq: 15 May 2023 14:26

Tgt Ion: 43 Resp: 7268
Ion Ratio Lower Upper
43 100
58 30.0 24.7 37.1

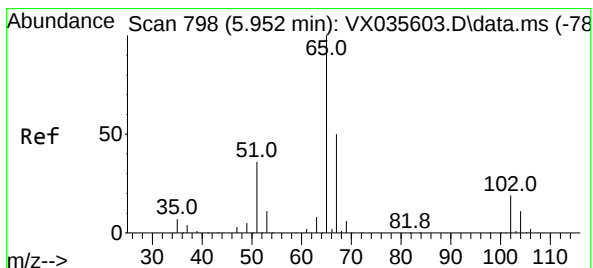
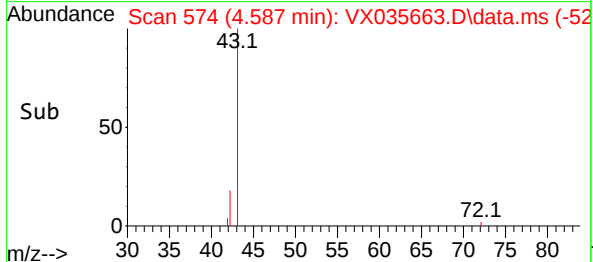
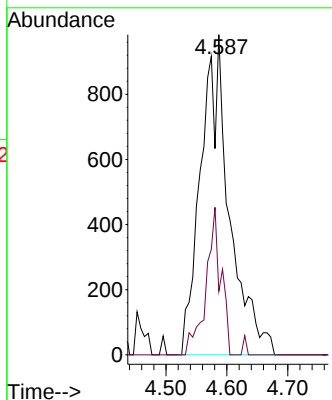
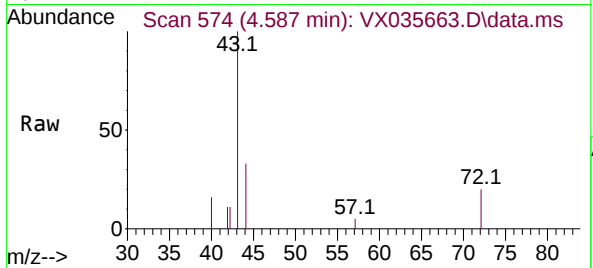




#25
2-Butanone
Concen: 1.644 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX035663.D
Acq: 15 May 2023 14:26

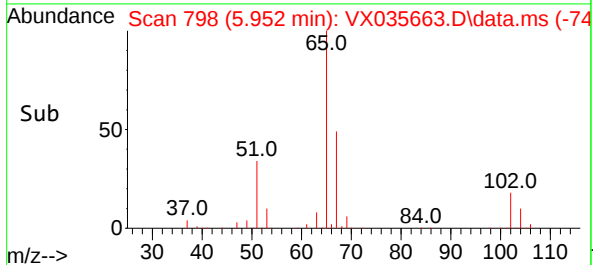
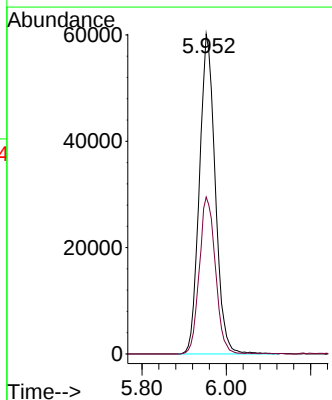
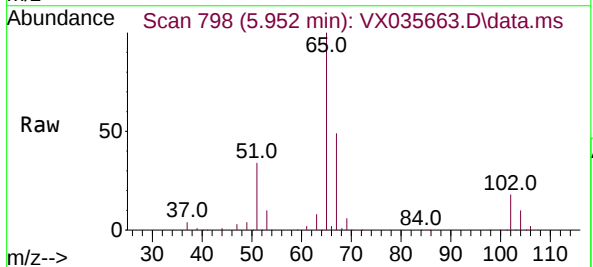
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-03-89-05072023

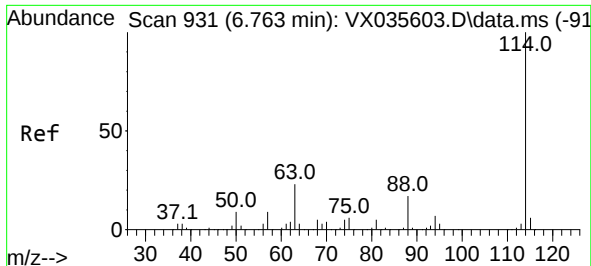
Tgt Ion: 43 Resp: 3219
Ion Ratio Lower Upper
43 100
72 19.8 19.3 28.9



#33
1,2-Dichloroethane-d4
Concen: 47.728 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035663.D
Acq: 15 May 2023 14:26

Tgt Ion: 65 Resp: 157101
Ion Ratio Lower Upper
65 100
67 49.8 0.0 104.0

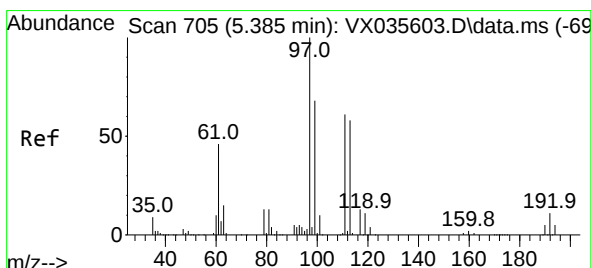
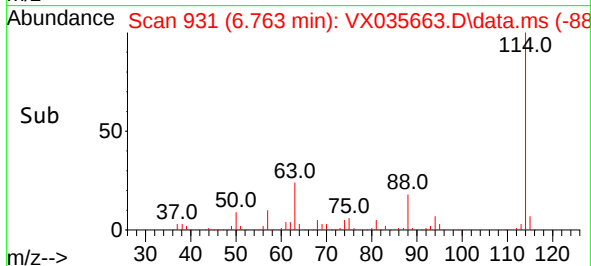
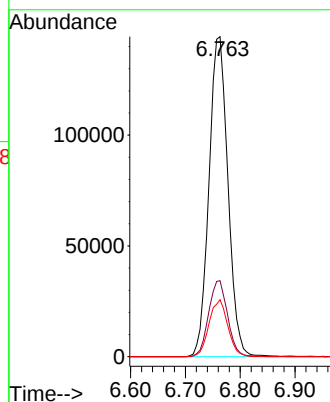
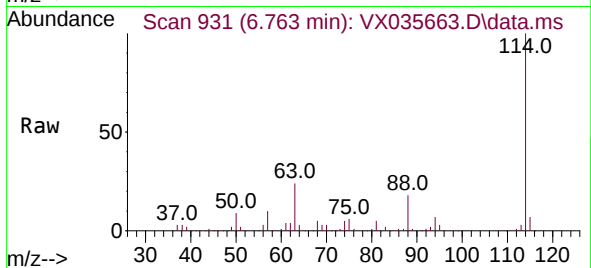




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035663.D
Acq: 15 May 2023 14:26

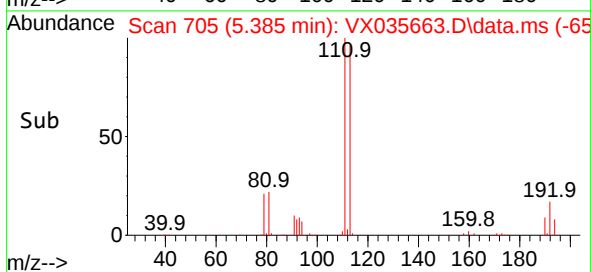
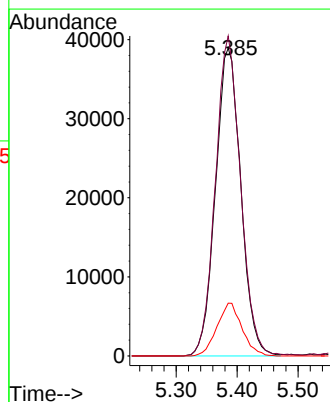
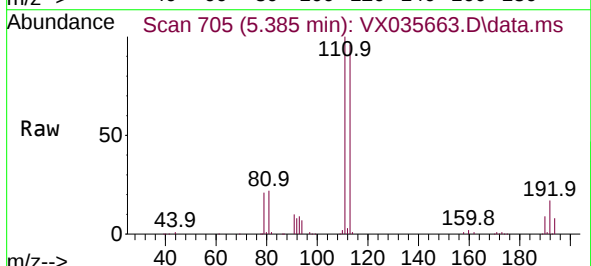
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-03-89-05072023

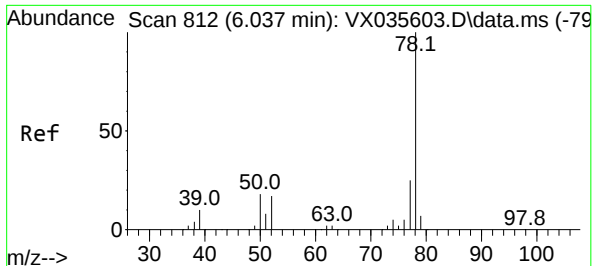
Tgt Ion:114 Resp: 346445
Ion Ratio Lower Upper
114 100
63 23.7 0.0 42.2
88 17.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.117 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035663.D
Acq: 15 May 2023 14:26

Tgt Ion:113 Resp: 112422
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 17.0 15.4 23.2





#40

Benzene

Concen: 0.385 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX035663.D

Acq: 15 May 2023 14:26

Instrument :

MSVOA_X

ClientSampleId :

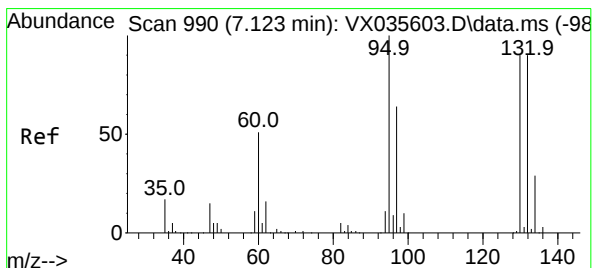
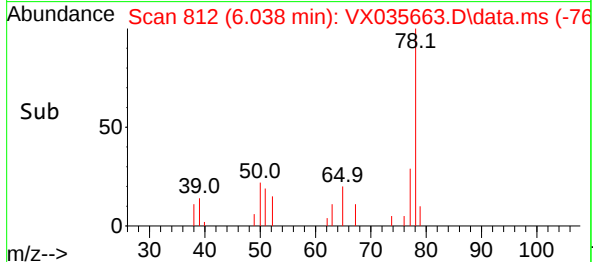
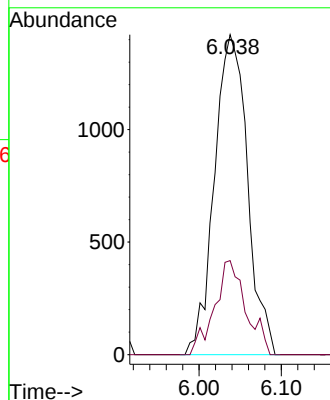
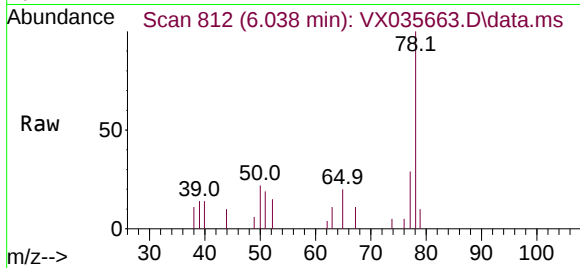
FSND-PRO-03-89-05072023

Tgt Ion: 78 Resp: 3973

Ion Ratio Lower Upper

78 100

77 29.4 19.0 28.4#



#44

Trichloroethene

Concen: 8.312 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX035663.D

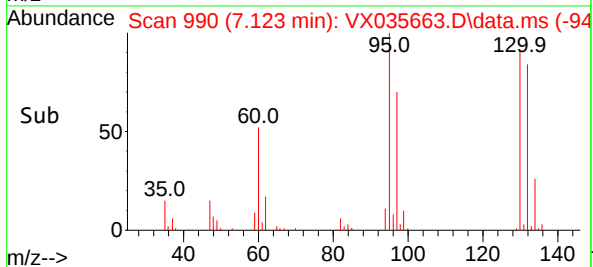
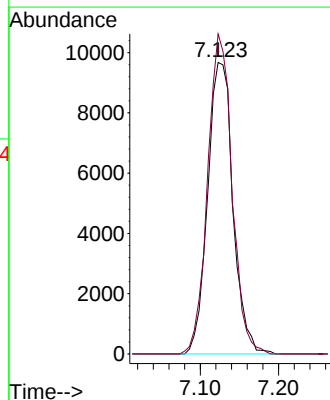
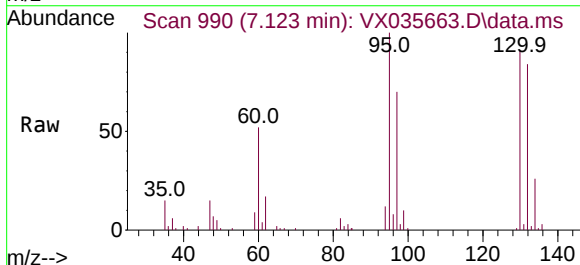
Acq: 15 May 2023 14:26

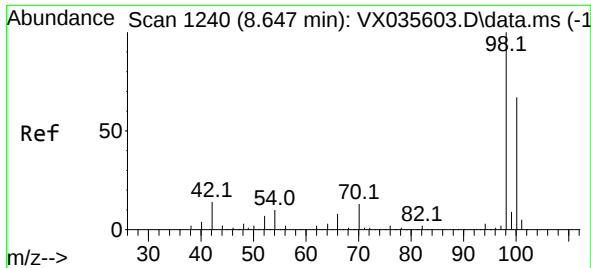
Tgt Ion:130 Resp: 21743

Ion Ratio Lower Upper

130 100

95 109.8 0.0 198.4

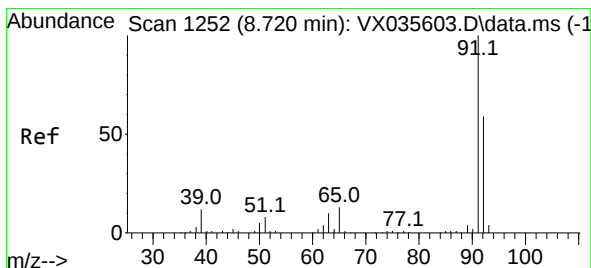
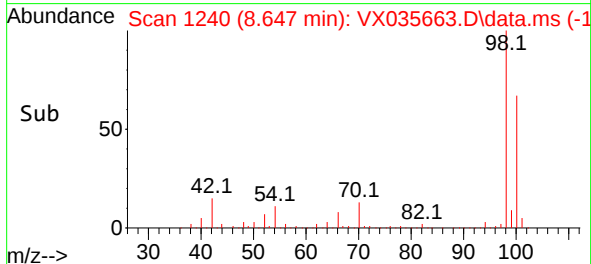
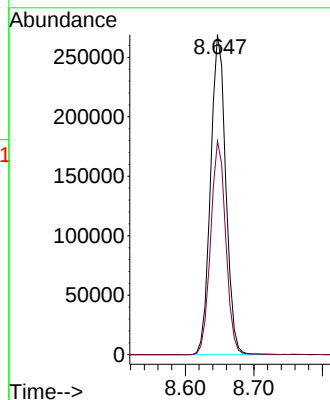
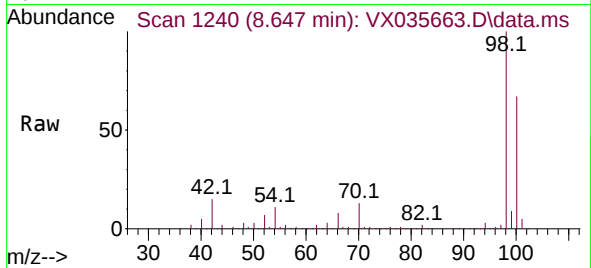




#50
Toluene-d8
Concen: 48.230 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035663.D
Acq: 15 May 2023 14:26

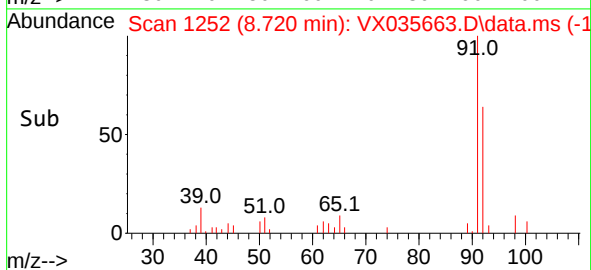
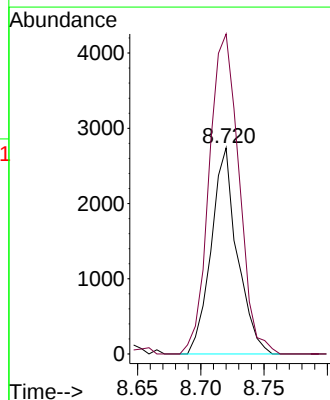
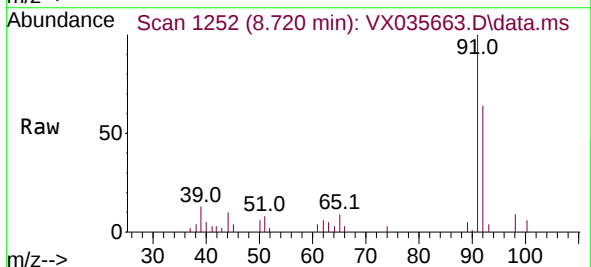
Instrument :
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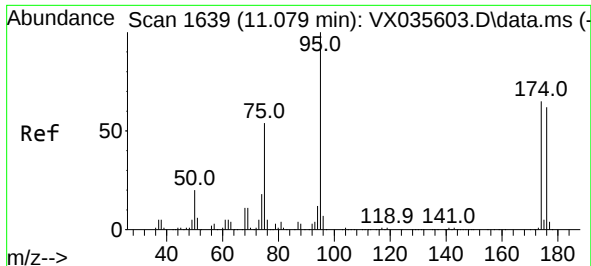
Tgt Ion: 98 Resp: 416286
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#52
Toluene
Concen: 0.602 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035663.D
Acq: 15 May 2023 14:26

Tgt Ion: 92 Resp: 3920
Ion Ratio Lower Upper
92 100
91 177.9 136.8 205.2





#62

4-Bromofluorobenzene

Concen: 49.014 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035663.D

Acq: 15 May 2023 14:26

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-03-89-05072023

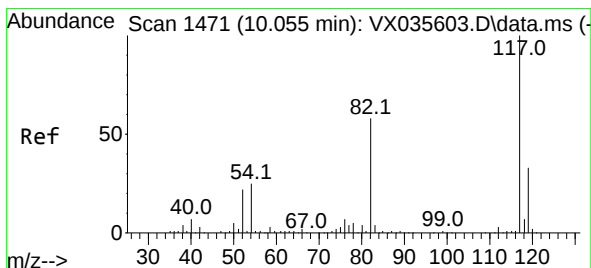
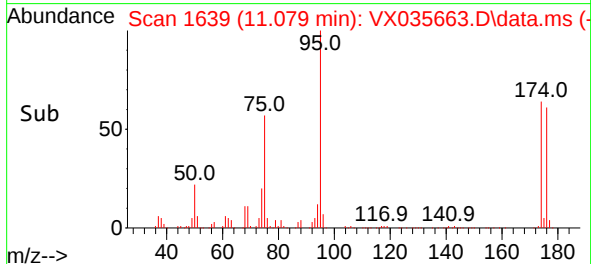
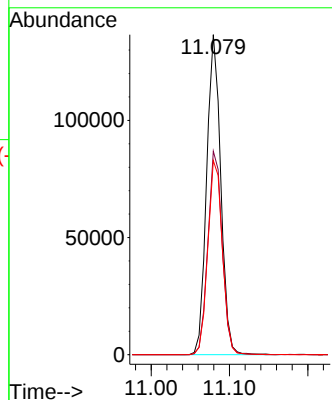
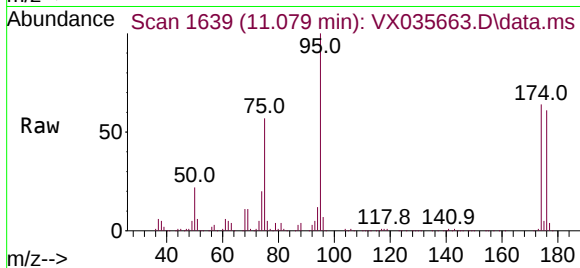
Tgt Ion: 95 Resp: 170340

Ion Ratio Lower Upper

95 100

174 64.5 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: VX035663.D

Acq: 15 May 2023 14:26

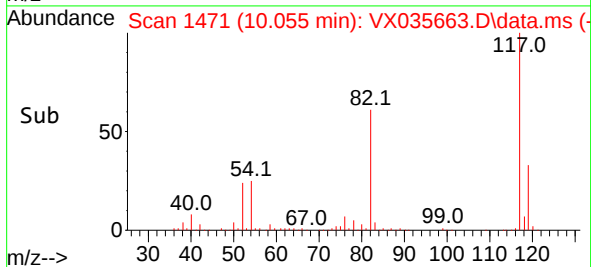
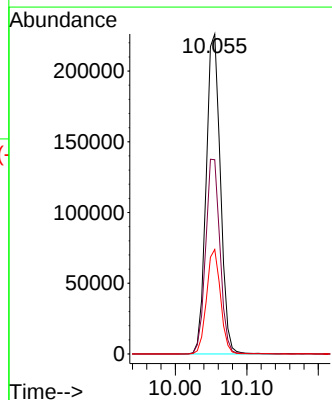
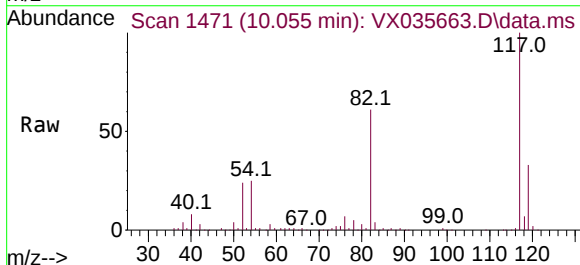
Tgt Ion: 117 Resp: 313312

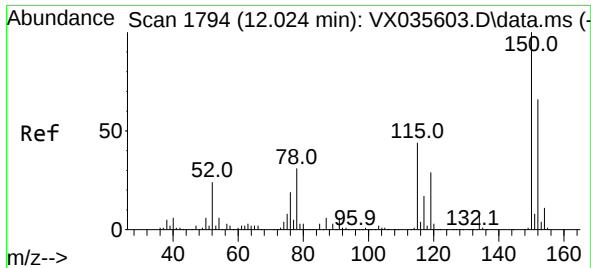
Ion Ratio Lower Upper

117 100

82 60.7 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# 11

Delta R.T. 0.000 min

Lab File: VX035663.D

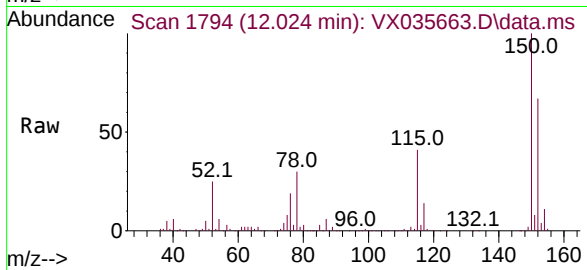
Acq: 15 May 2023 14:26

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-03-89-05072023



Tgt Ion:152 Resp: 139354

Ion Ratio Lower Upper

152 100

115 66.3 45.0 135.0

150 157.5 0.0 352.4

