

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051923\
 Data File : VX035769.D
 Acq On : 19 May 2023 18:37
 Operator : JC/MD
 Sample : 02860-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EQB-09-05122023

Quant Time: May 22 05:19:56 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)

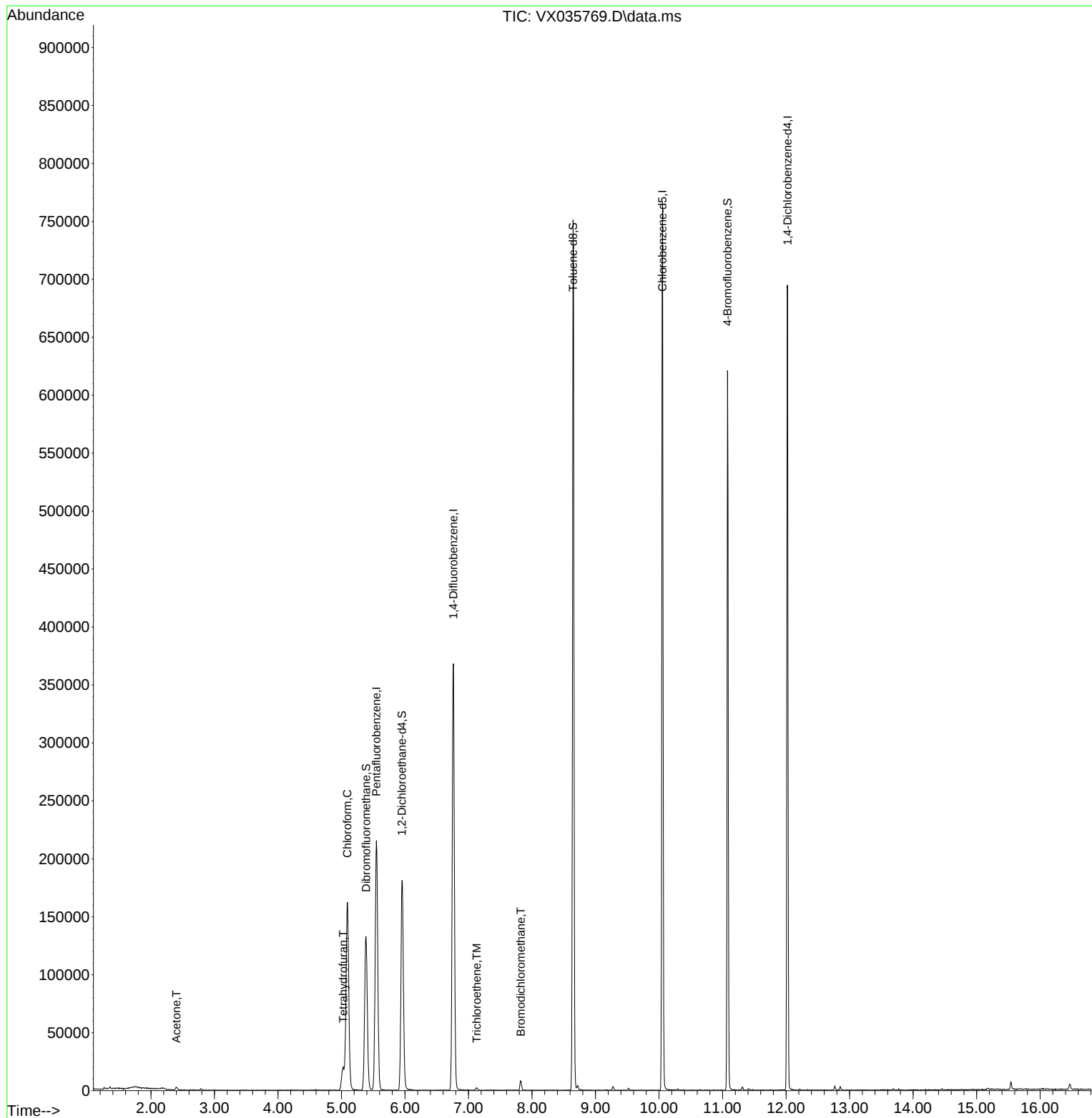
Internal Standards						
1) Pentafluorobenzene	5.550	168	178582	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	348232	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	314850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	184983	59.376	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	118.760%#
35) Dibromofluoromethane	5.385	113	116493	49.604	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.200%
50) Toluene-d8	8.647	98	420561	48.475	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.960%
62) 4-Bromofluorobenzene	11.079	95	161251	46.161	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.320%
Target Compounds						
						Qvalue
16) Acetone	2.398	43	3482	2.600	ug/l	91
29) Tetrahydrofuran	5.026	42	20749	17.810	ug/l	95
30) Chloroform	5.093	83	189940	41.547	ug/l	100
44) Trichloroethene	7.129	130	776	0.295	ug/l	98
47) Bromodichloromethane	7.824	83	4995	1.375	ug/l #	91

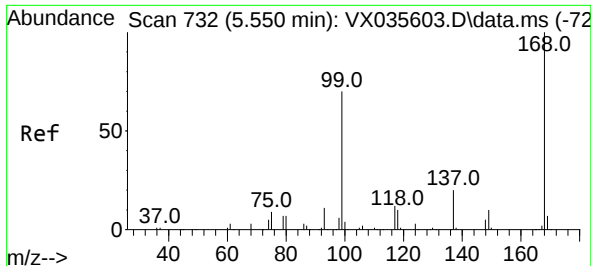
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

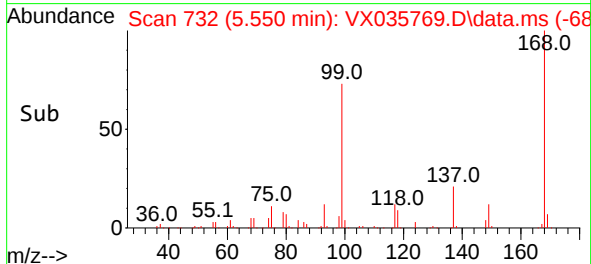
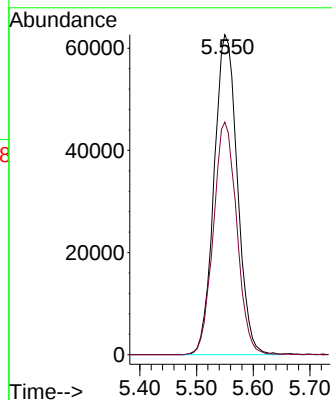
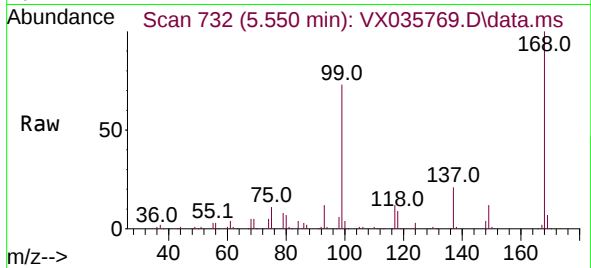




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035769.D
Acq: 19 May 2023 18:37

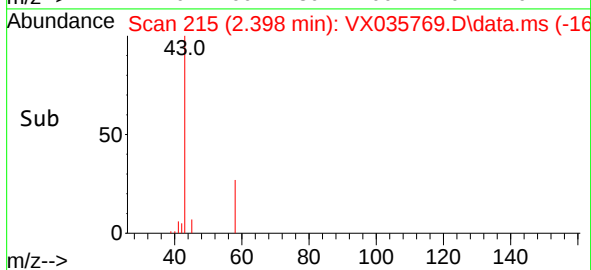
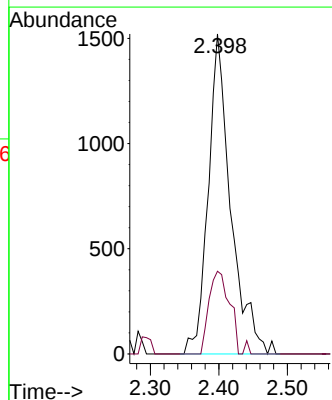
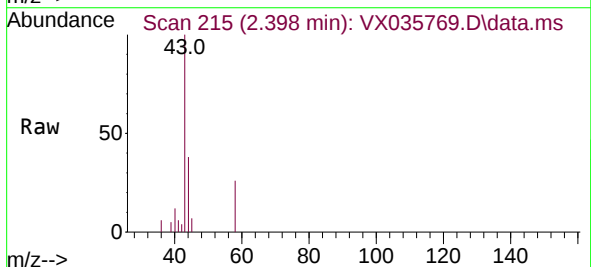
Instrument :
MSVOA_X
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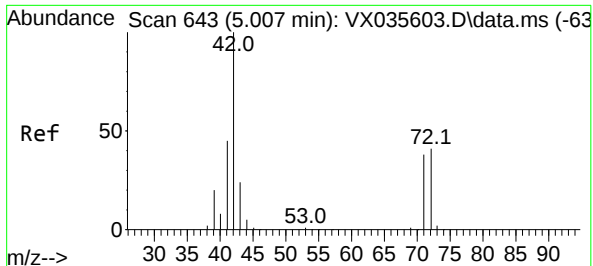
Tgt Ion:168 Resp: 178582
Ion Ratio Lower Upper
168 100
99 72.7 45.7 68.5#



#16
Acetone
Concen: 2.600 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035769.D
Acq: 19 May 2023 18:37

Tgt Ion: 43 Resp: 3482
Ion Ratio Lower Upper
43 100
58 25.8 24.7 37.1





#29

Tetrahydrofuran

Concen: 17.810 ug/l

RT: 5.026 min Scan# 64

Delta R.T. 0.019 min

Lab File: VX035769.D

Acq: 19 May 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-09-05122023

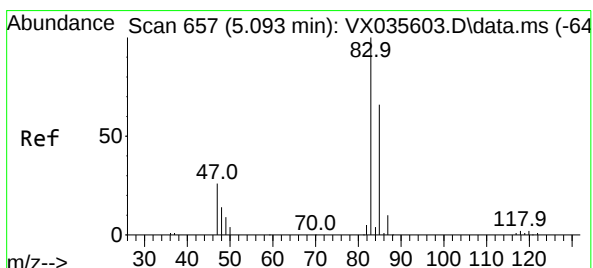
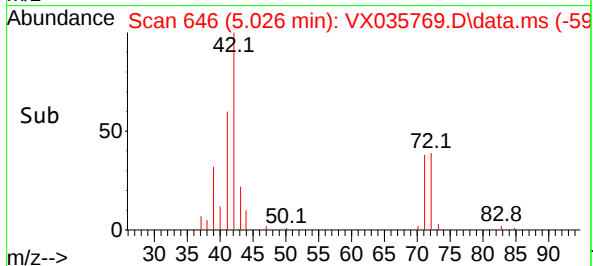
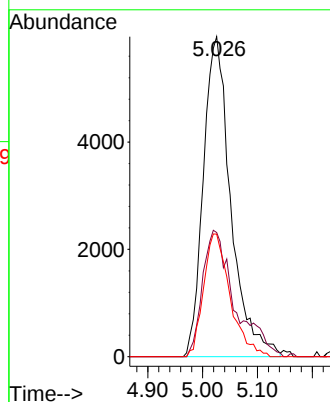
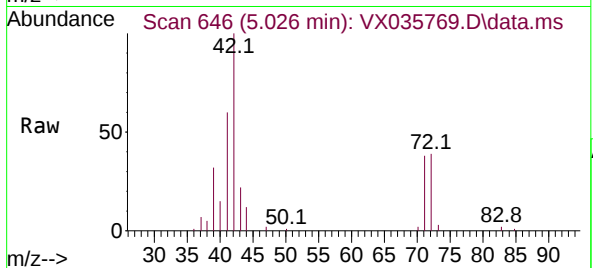
Tgt Ion: 42 Resp: 20749

Ion Ratio Lower Upper

42 100

72 46.3 34.5 51.7

71 37.1 32.1 48.1



#30

Chloroform

Concen: 41.547 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX035769.D

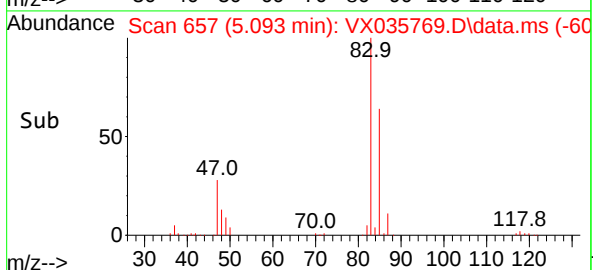
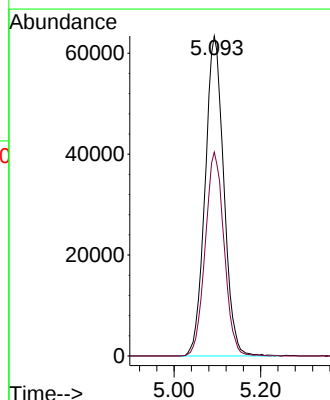
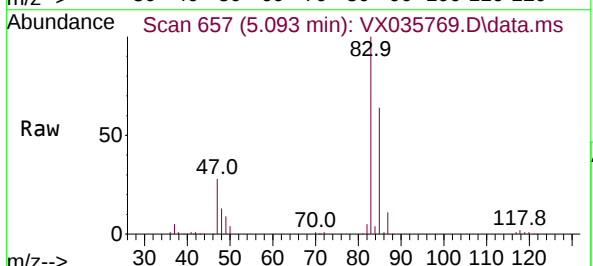
Acq: 19 May 2023 18:37

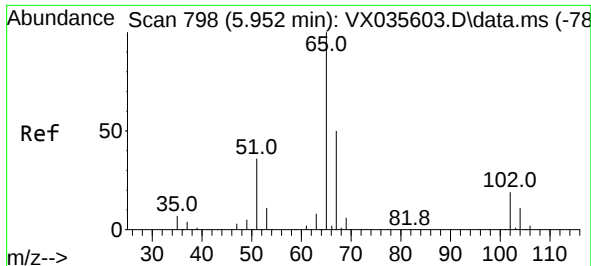
Tgt Ion: 83 Resp: 189940

Ion Ratio Lower Upper

83 100

85 63.7 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 59.376 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035769.D

Acq: 19 May 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

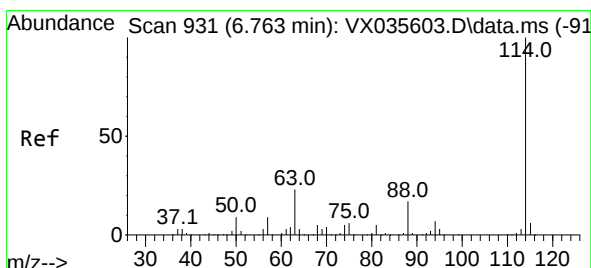
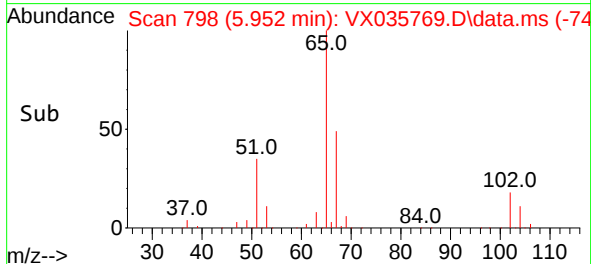
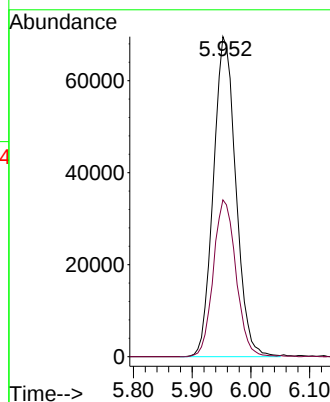
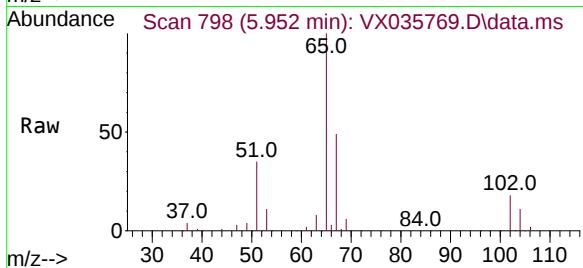
FSND-EQB-09-05122023

Tgt Ion: 65 Resp: 184983

Ion Ratio Lower Upper

65 100

67 49.4 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: VX035769.D

Acq: 19 May 2023 18:37

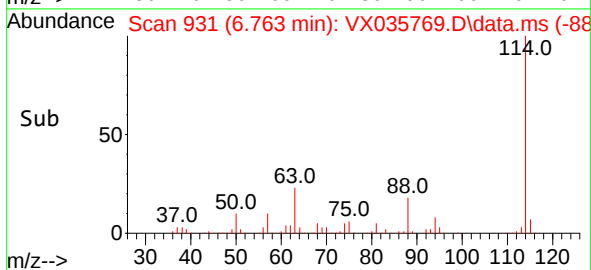
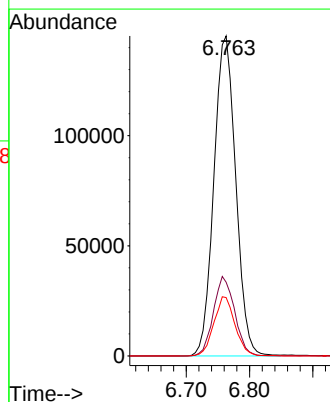
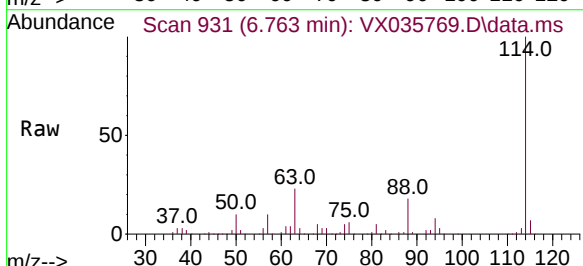
Tgt Ion: 114 Resp: 348232

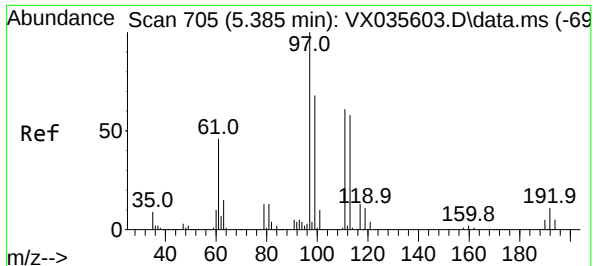
Ion Ratio Lower Upper

114 100

63 23.1 0.0 42.2

88 18.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.604 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035769.D

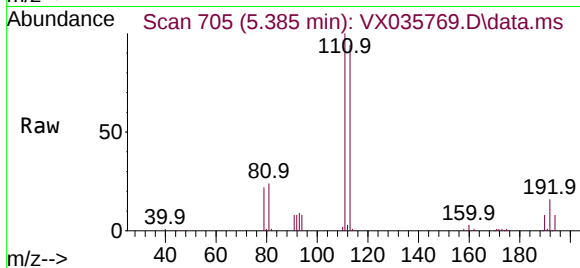
Acq: 19 May 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-09-05122023



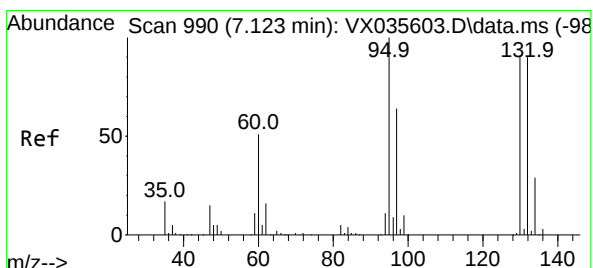
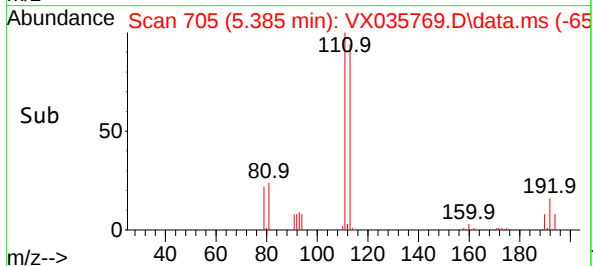
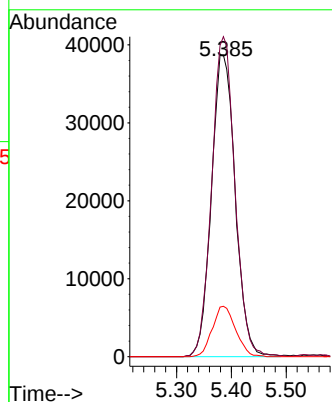
Tgt Ion:113 Resp: 116493

Ion Ratio Lower Upper

113 100

111 103.6 83.7 125.5

192 16.4 15.4 23.2



#44

Trichloroethene

Concen: 0.295 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX035769.D

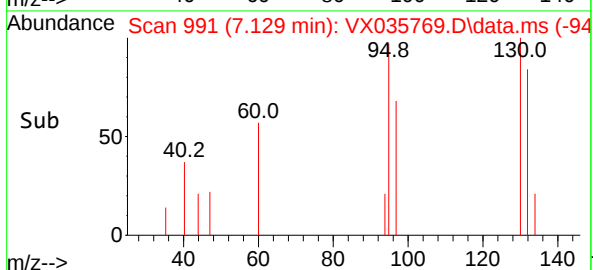
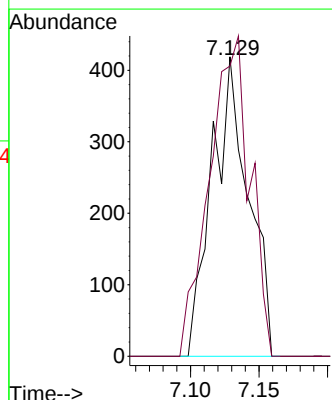
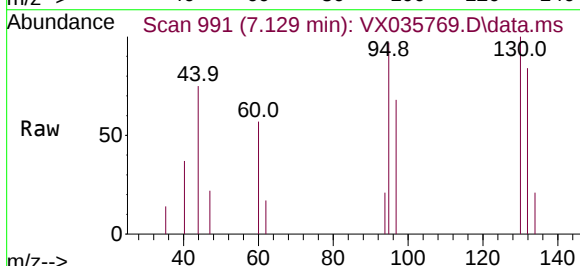
Acq: 19 May 2023 18:37

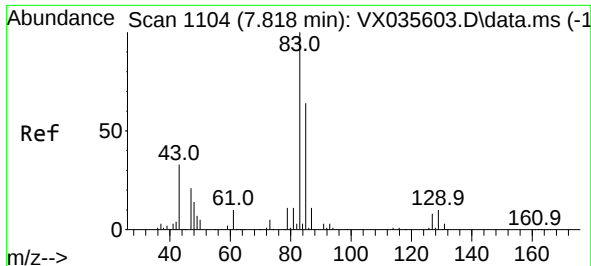
Tgt Ion:130 Resp: 776

Ion Ratio Lower Upper

130 100

95 96.9 0.0 198.4

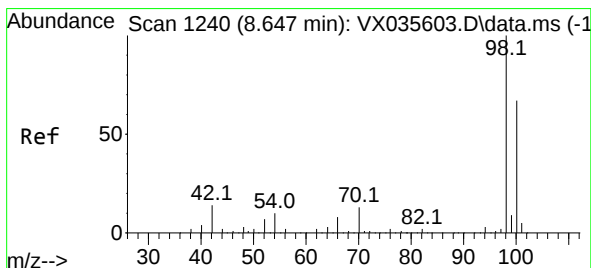
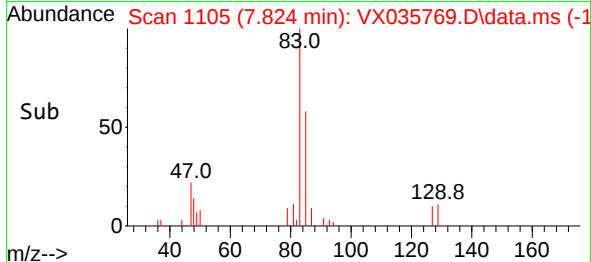
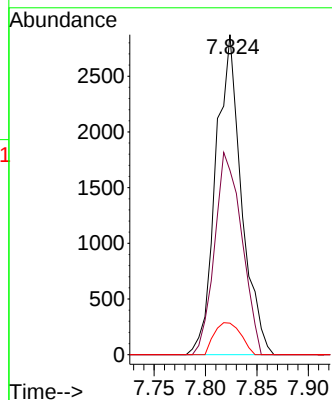
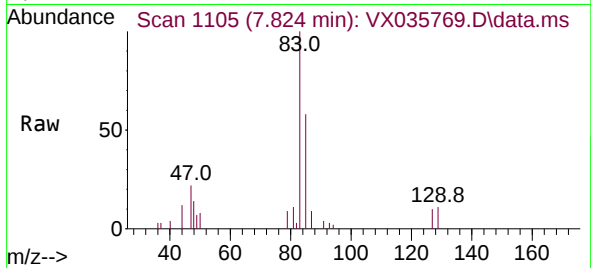




#47
Bromodichloromethane
Concen: 1.375 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX035769.D
Acq: 19 May 2023 18:37

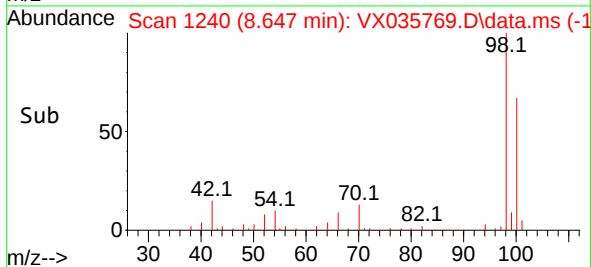
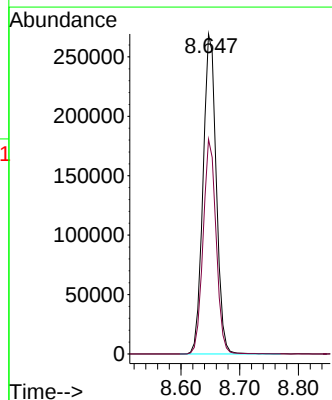
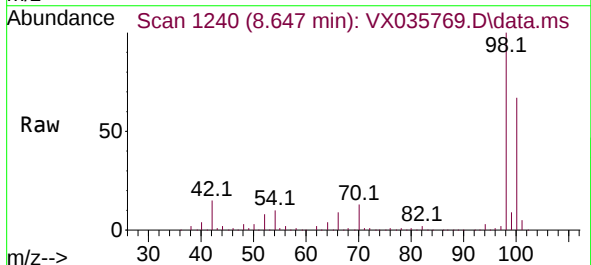
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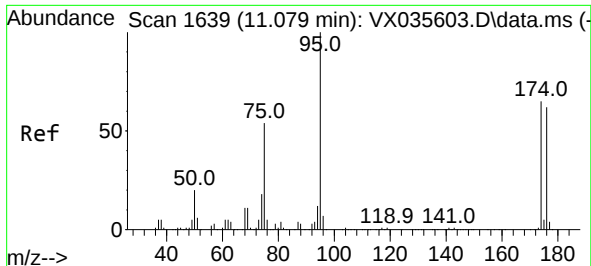
Tgt Ion: 83 Resp: 4995
Ion Ratio Lower Upper
83 100
85 57.6 52.2 78.4
127 9.9 6.6 9.8#



#50
Toluene-d8
Concen: 48.475 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035769.D
Acq: 19 May 2023 18:37

Tgt Ion: 98 Resp: 420561
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7

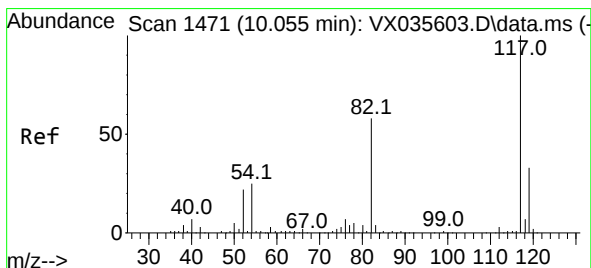
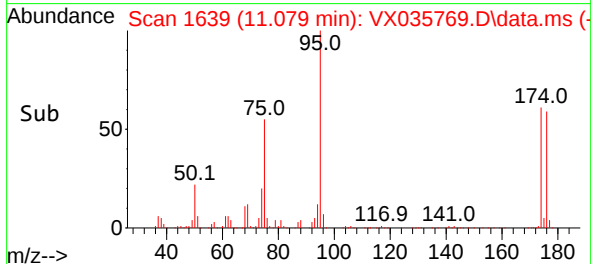
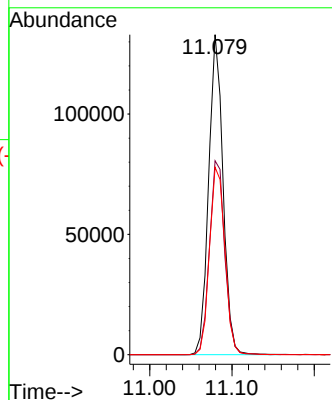
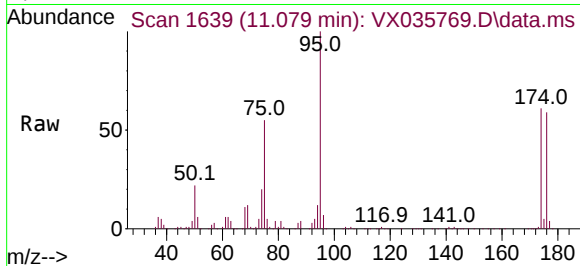




#62
4-Bromofluorobenzene
Concen: 46.161 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035769.D
Acq: 19 May 2023 18:37

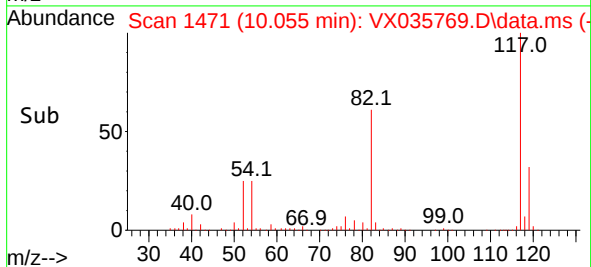
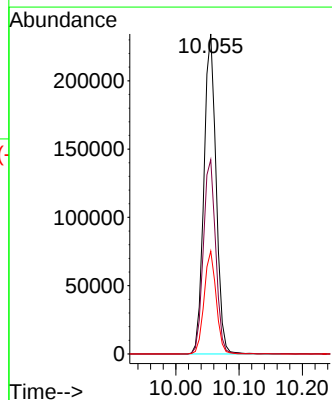
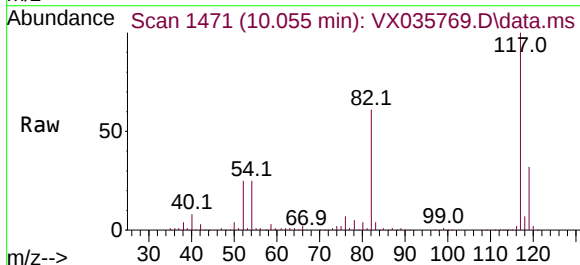
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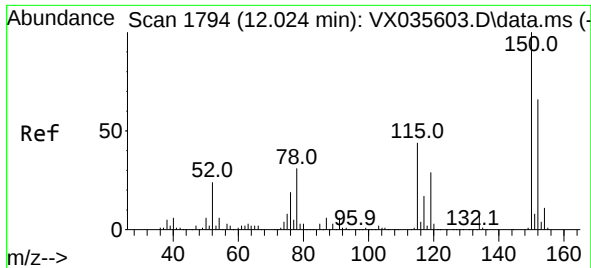
Tgt Ion: 95 Resp: 161251
Ion Ratio Lower Upper
95 100
174 64.6 0.0 147.4
176 63.0 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035769.D
Acq: 19 May 2023 18:37

Tgt Ion: 117 Resp: 314850
Ion Ratio Lower Upper
117 100
82 60.7 45.0 67.4
119 32.1 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: VX035769.D

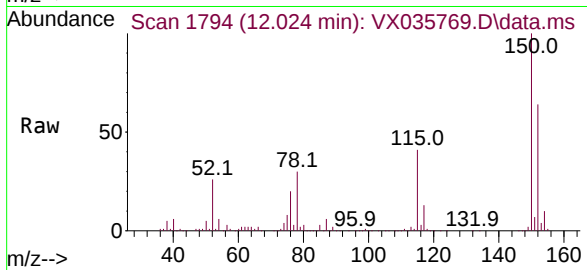
Acq: 19 May 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-09-05122023



Tgt Ion:152 Resp: 132953

Ion Ratio Lower Upper

152 100

115 66.1 45.0 135.0

150 158.0 0.0 352.4

