

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
 Data File : VX035786.D
 Acq On : 22 May 2023 15:48
 Operator : JC/MD
 Sample : 02860-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: May 23 06:13:01 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)

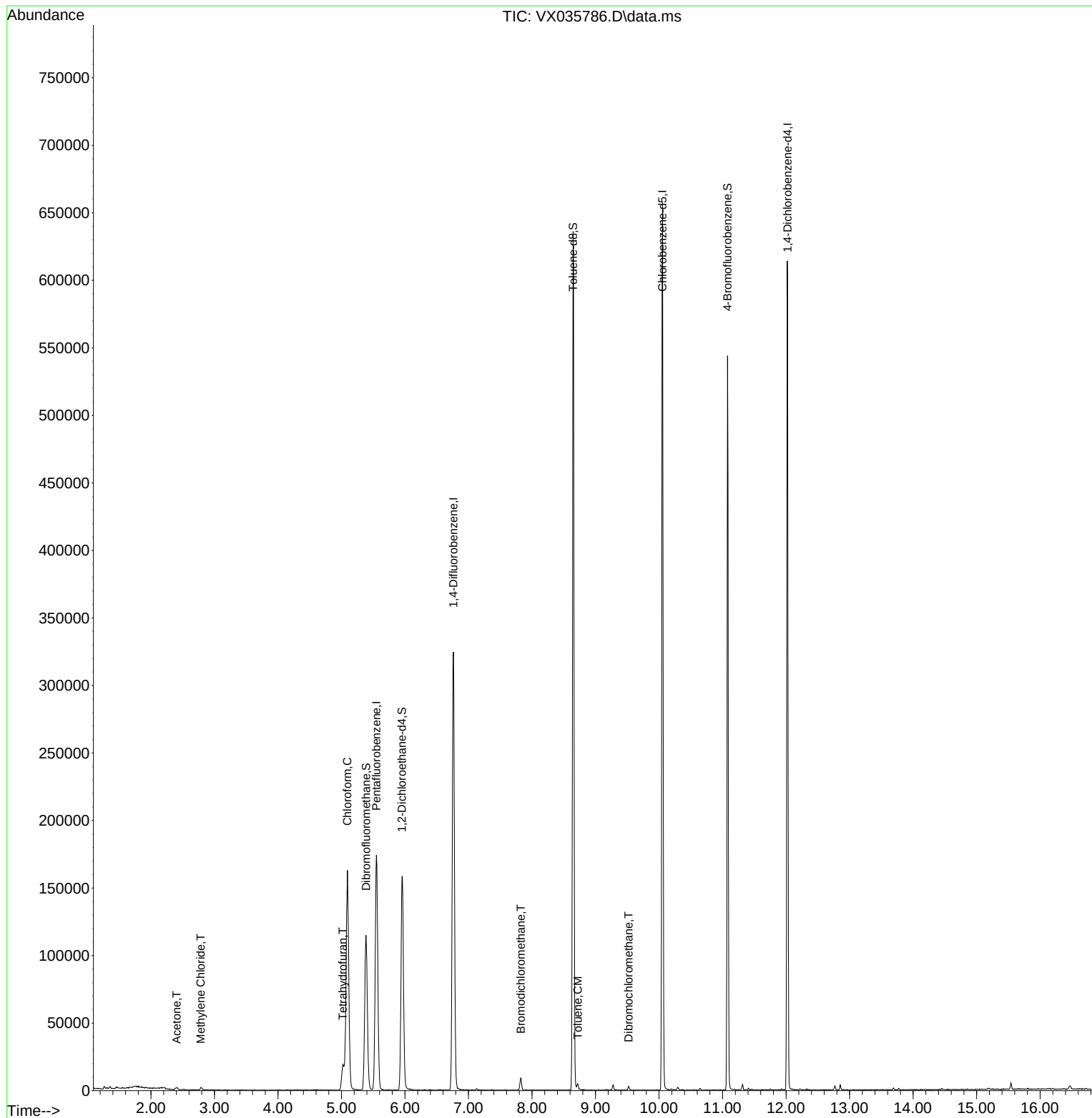
Internal Standards						
1) Pentafluorobenzene	5.550	168	158372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	312796	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	277675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	162211	58.711	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 117.420%#			
35) Dibromofluoromethane	5.385	113	99080	46.969	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.940%			
50) Toluene-d8	8.647	98	362970	46.577	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.160%			
62) 4-Bromofluorobenzene	11.079	95	139794	44.552	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.100%			
Target Compounds					Qvalue	
16) Acetone	2.404	43	2964	2.496	ug/l #	83
20) Methylene Chloride	2.782	84	848	0.394	ug/l	86
29) Tetrahydrofuran	5.019	42	20199	19.550	ug/l	96
30) Chloroform	5.092	83	178109	43.931	ug/l	97
47) Bromodichloromethane	7.824	83	5791	1.774	ug/l	97
52) Toluene	8.720	92	1690	0.287	ug/l	95
60) Dibromochloromethane	9.518	129	448	0.204	ug/l	77

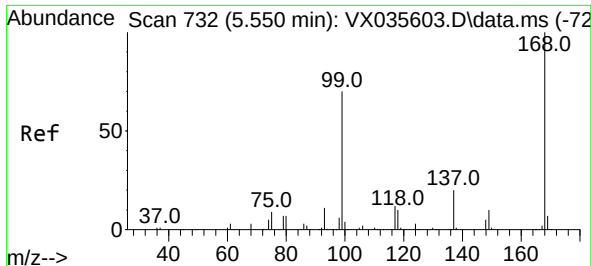
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

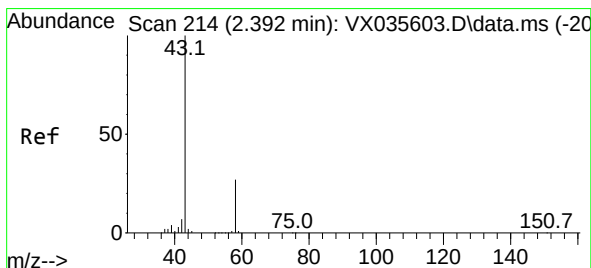
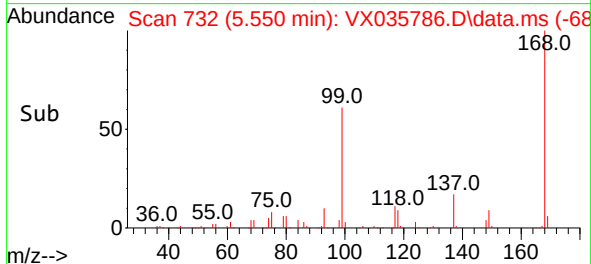
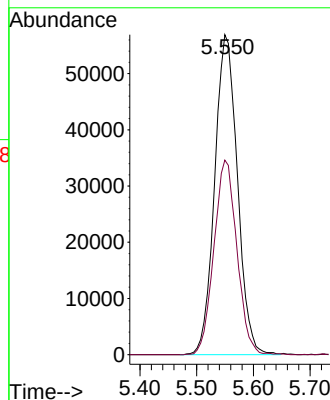
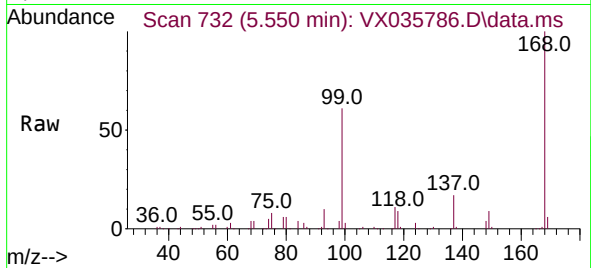




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX035786.D
Acq: 22 May 2023 15:48

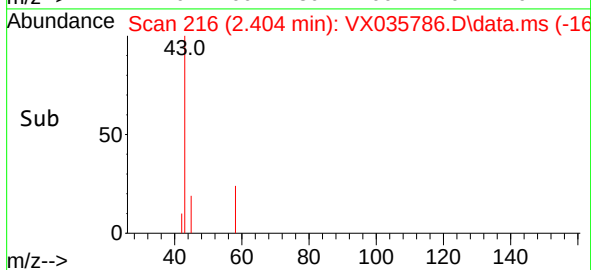
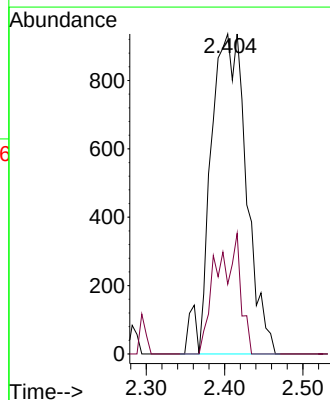
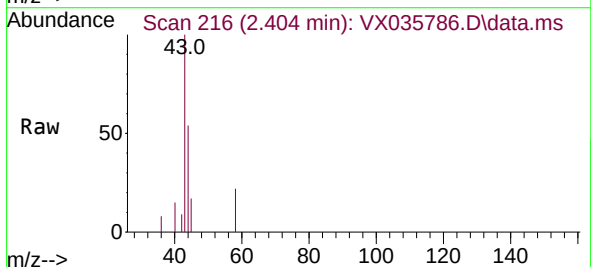
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-09-05122023

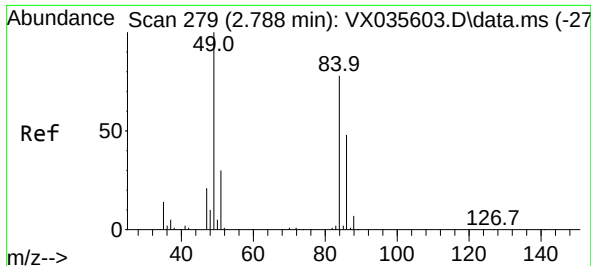
Tgt Ion:168 Resp: 158372
Ion Ratio Lower Upper
168 100
99 60.8 45.7 68.5



#16
Acetone
Concen: 2.496 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX035786.D
Acq: 22 May 2023 15:48

Tgt Ion: 43 Resp: 2964
Ion Ratio Lower Upper
43 100
58 21.8 24.7 37.1#

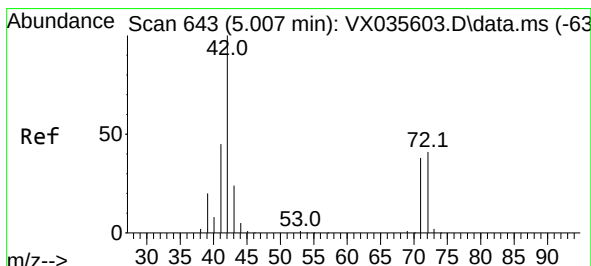
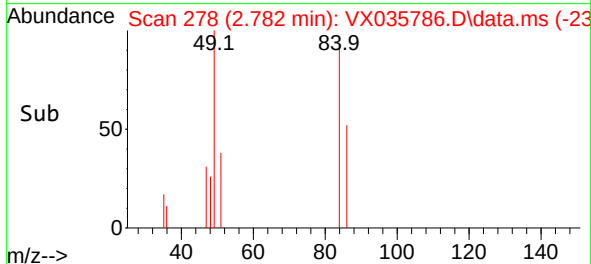
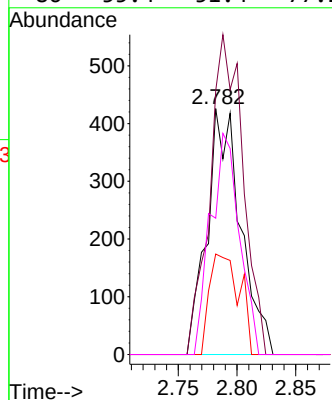
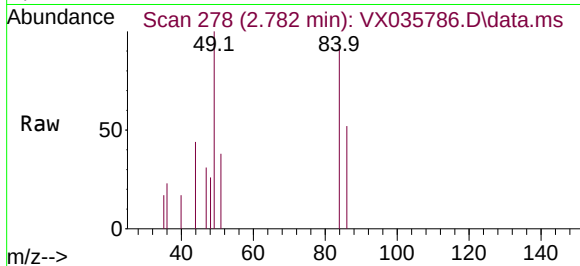




#20
Methylene Chloride
Concen: 0.394 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX035786.D
Acq: 22 May 2023 15:48

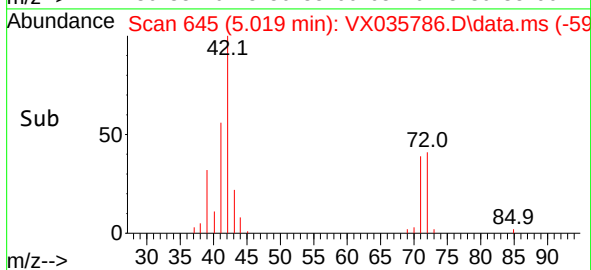
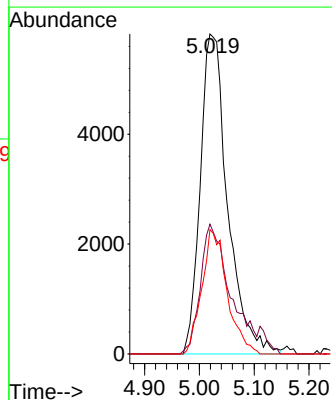
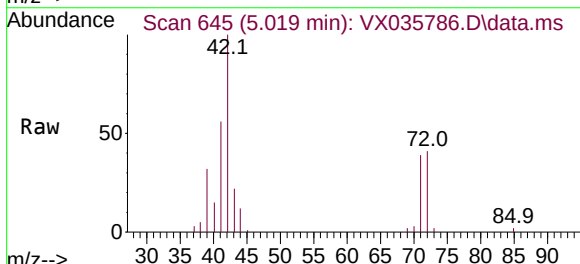
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-09-05122023

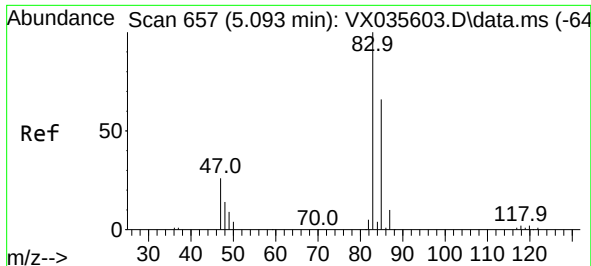
Tgt Ion:	84	Resp:	848
Ion	Ratio	Lower	Upper
84	100		
49	107.3	103.8	155.8
51	40.8	31.8	47.8
86	55.4	51.4	77.2



#29
Tetrahydrofuran
Concen: 19.550 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.012 min
Lab File: VX035786.D
Acq: 22 May 2023 15:48

Tgt Ion:	42	Resp:	20199
Ion	Ratio	Lower	Upper
42	100		
72	43.9	34.5	51.7
71	36.1	32.1	48.1





#30

Chloroform

Concen: 43.931 ug/l

RT: 5.092 min Scan# 6

Delta R.T. -0.001 min

Lab File: VX035786.D

Acq: 22 May 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

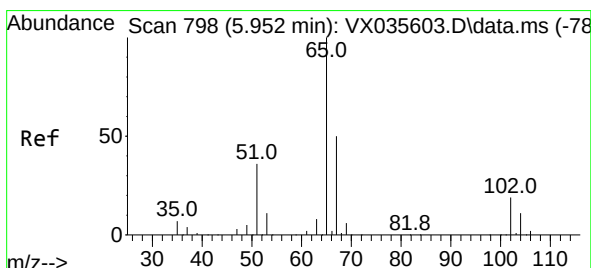
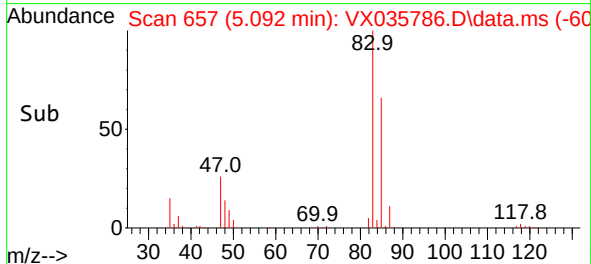
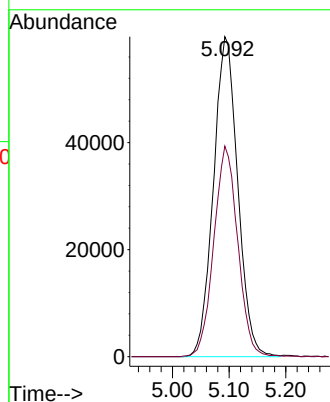
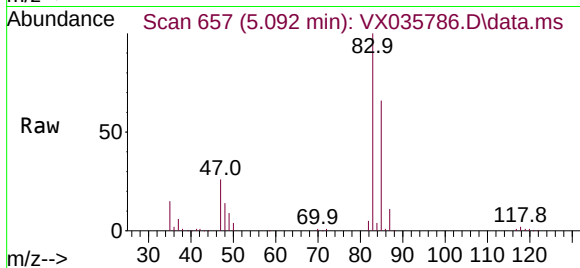
FSND-EQB-09-05122023

Tgt Ion: 83 Resp: 178109

Ion Ratio Lower Upper

83 100

85 65.8 50.6 76.0



#33

1,2-Dichloroethane-d4

Concen: 58.711 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035786.D

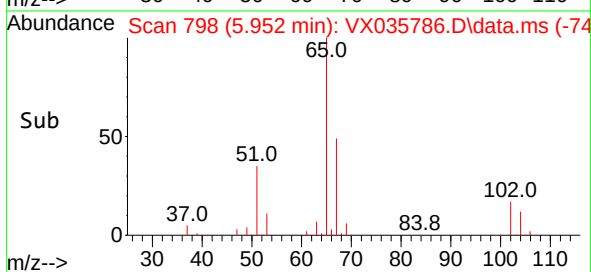
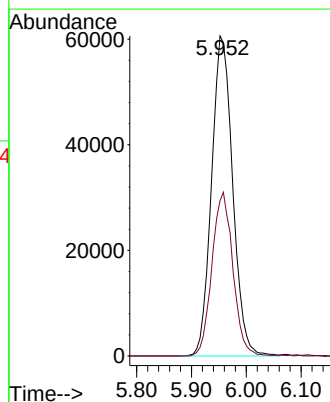
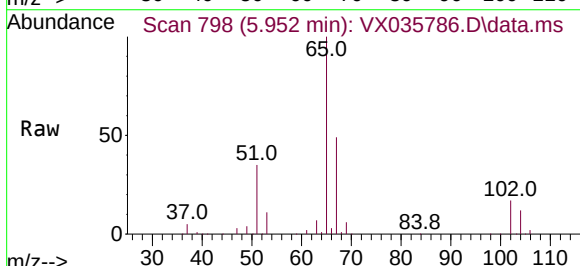
Acq: 22 May 2023 15:48

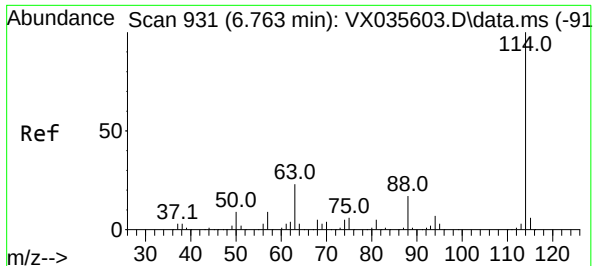
Tgt Ion: 65 Resp: 162211

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.0

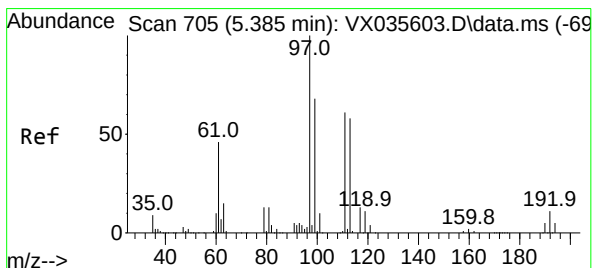
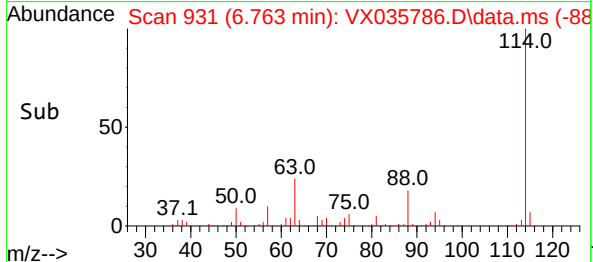
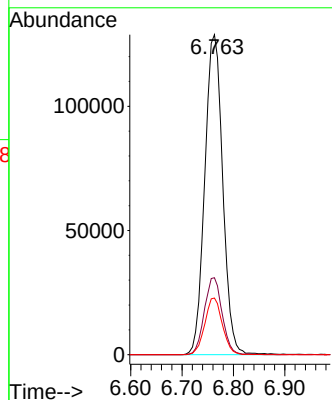
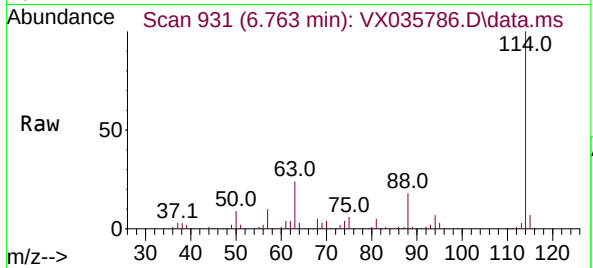




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035786.D
Acq: 22 May 2023 15:48

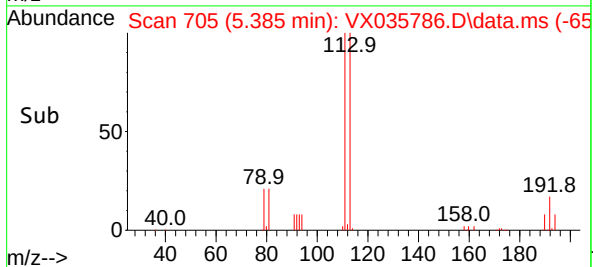
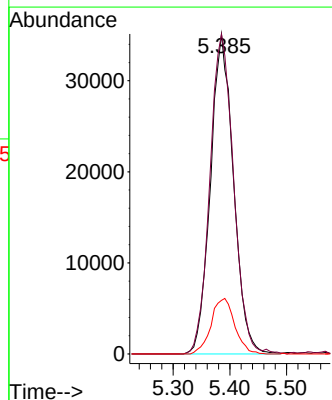
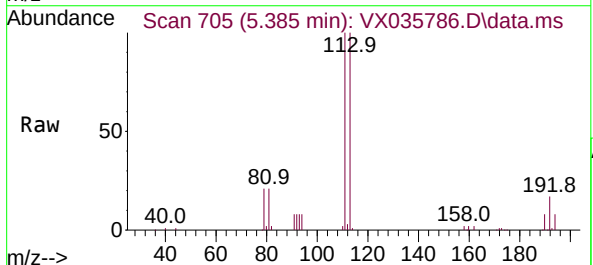
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-09-05122023

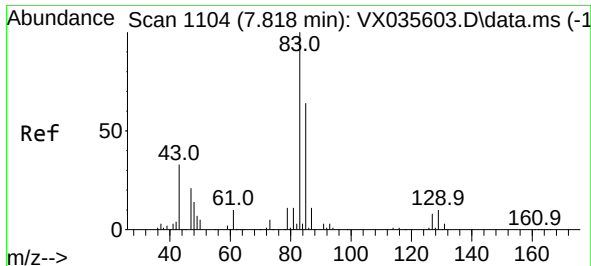
Tgt Ion:114 Resp: 312796
Ion Ratio Lower Upper
114 100
63 24.1 0.0 42.2
88 17.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.969 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035786.D
Acq: 22 May 2023 15:48

Tgt Ion:113 Resp: 99080
Ion Ratio Lower Upper
113 100
111 103.1 83.7 125.5
192 17.8 15.4 23.2





#47

Bromodichloromethane

Concen: 1.774 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX035786.D

Acq: 22 May 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-09-05122023

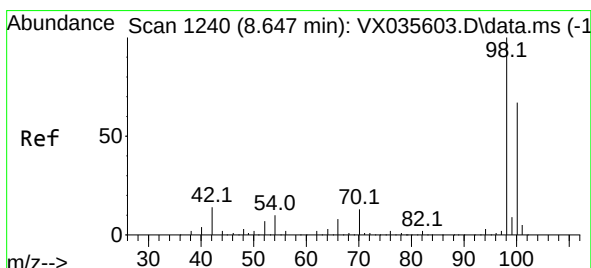
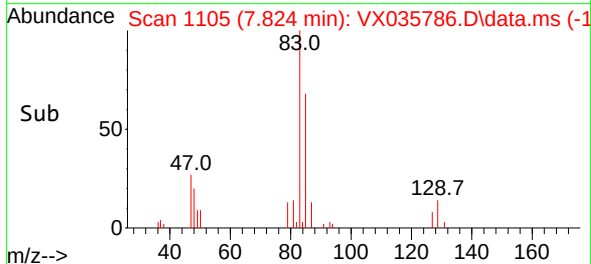
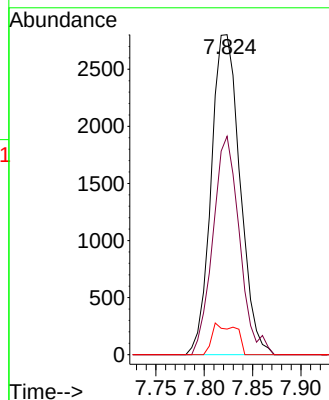
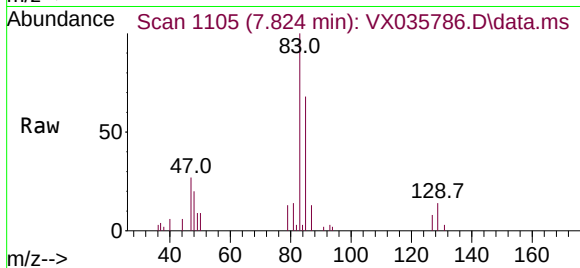
Tgt Ion: 83 Resp: 5791

Ion Ratio Lower Upper

83 100

85 68.2 52.2 78.4

127 8.0 6.6 9.8



#50

Toluene-d8

Concen: 46.577 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035786.D

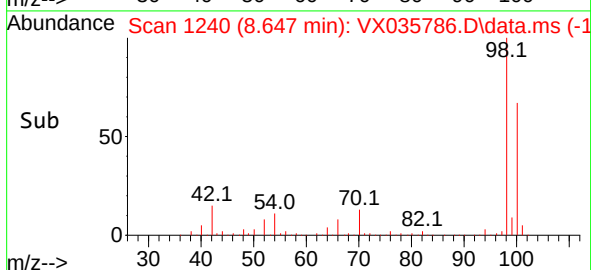
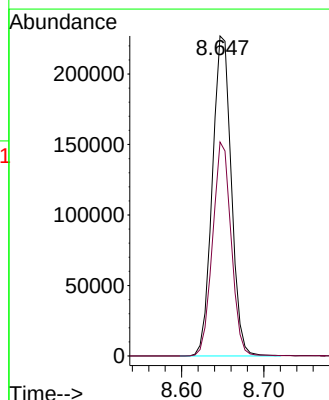
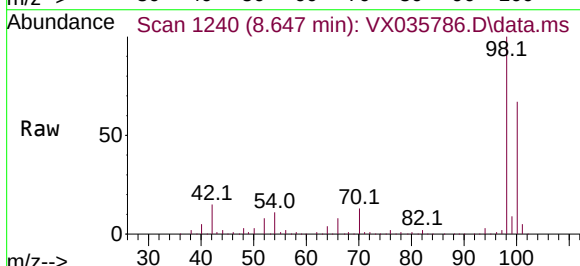
Acq: 22 May 2023 15:48

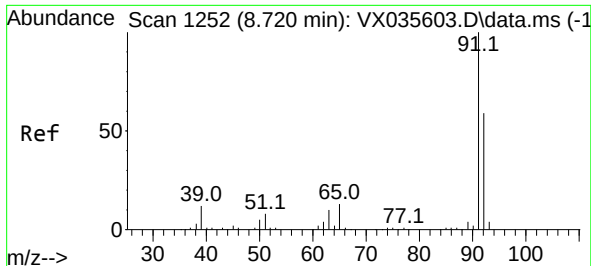
Tgt Ion: 98 Resp: 362970

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7





#52

Toluene

Concen: 0.287 ug/l

RT: 8.720 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035786.D

Acq: 22 May 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

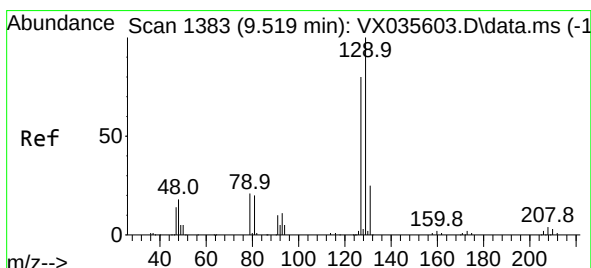
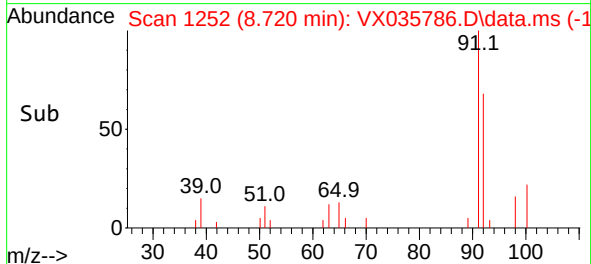
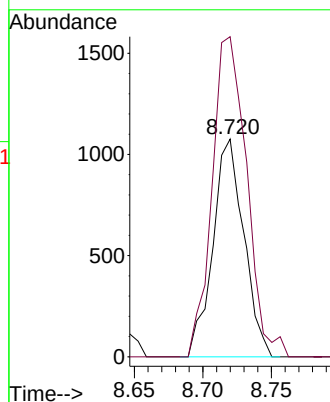
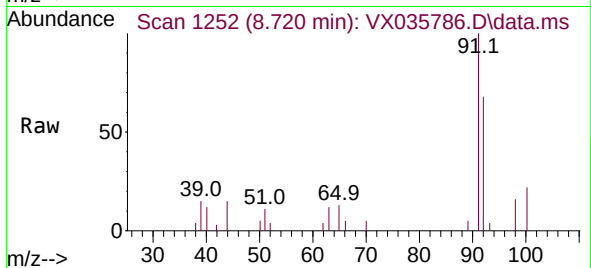
FSND-EQB-09-05122023

Tgt Ion: 92 Resp: 1690

Ion Ratio Lower Upper

92 100

91 164.1 136.8 205.2



#60

Dibromochloromethane

Concen: 0.204 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.001 min

Lab File: VX035786.D

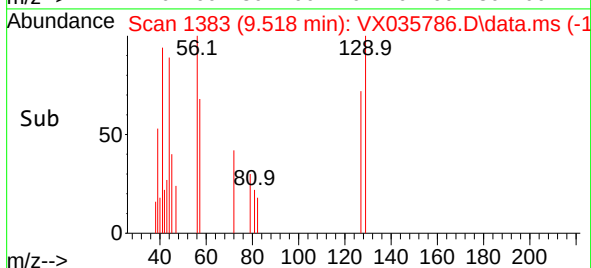
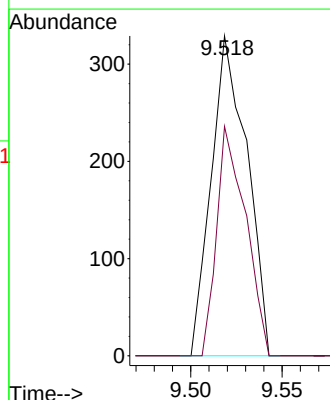
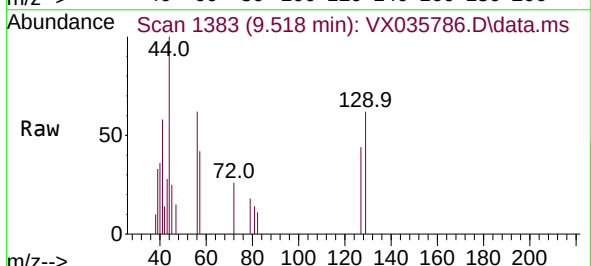
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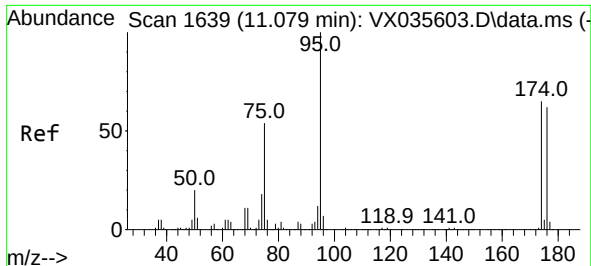
Tgt Ion: 129 Resp: 448

Ion Ratio Lower Upper

129 100

127 58.0 39.0 117.0

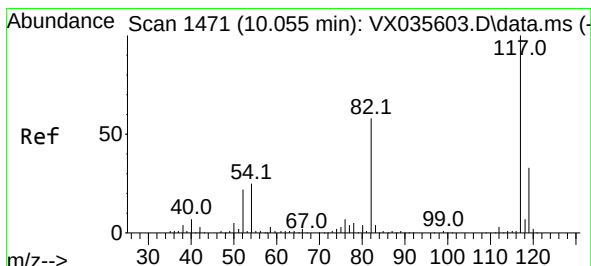
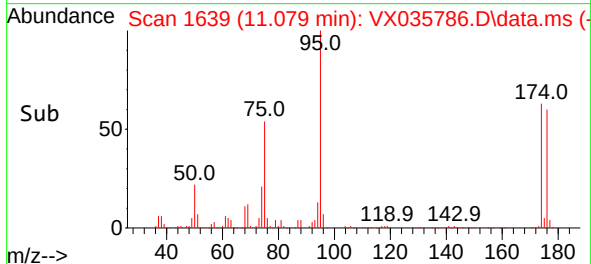
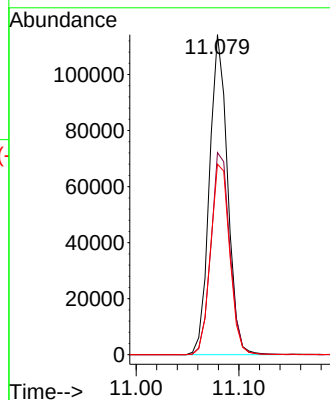
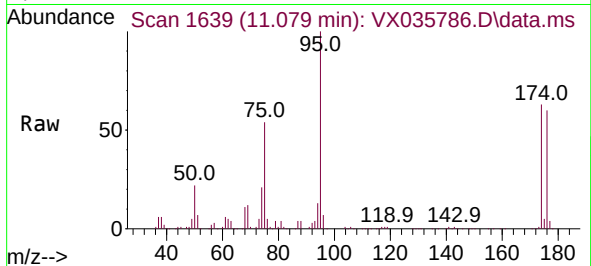




#62
4-Bromofluorobenzene
Concen: 44.552 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035786.D
Acq: 22 May 2023 15:48

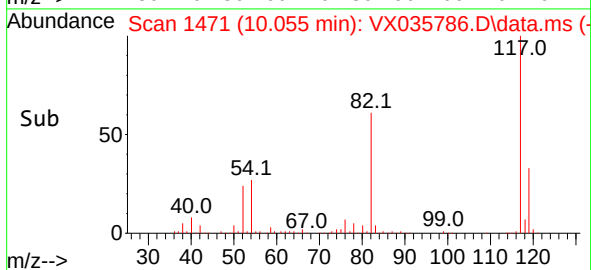
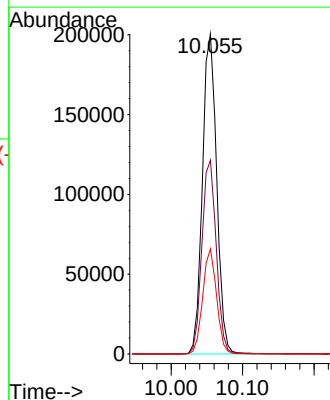
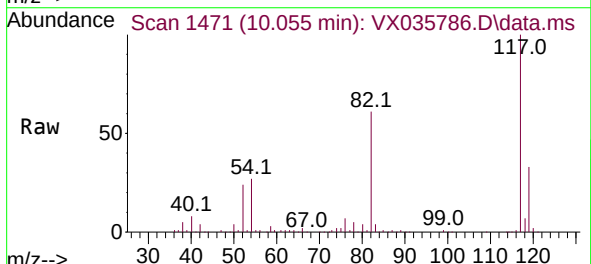
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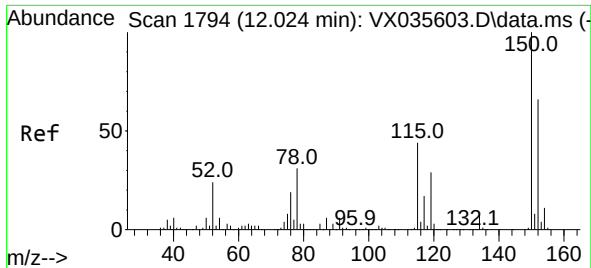
Tgt Ion: 95 Resp: 139794
Ion Ratio Lower Upper
95 100
174 65.8 0.0 147.4
176 62.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035786.D
Acq: 22 May 2023 15:48

Tgt Ion: 117 Resp: 277675
Ion Ratio Lower Upper
117 100
82 60.6 45.0 67.4
119 32.9 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: VX035786.D

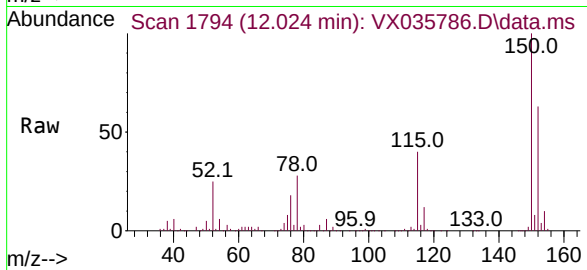
Acq: 22 May 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-09-05122023



Tgt Ion:152 Resp: 115369

Ion Ratio Lower Upper

152 100

115 67.3 45.0 135.0

150 160.5 0.0 352.4

