

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051923\
 Data File : VX035762.D
 Acq On : 19 May 2023 15:54
 Operator : JC/MD
 Sample : 02860-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EQB-08-05112023

Quant Time: May 22 05:17:52 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)

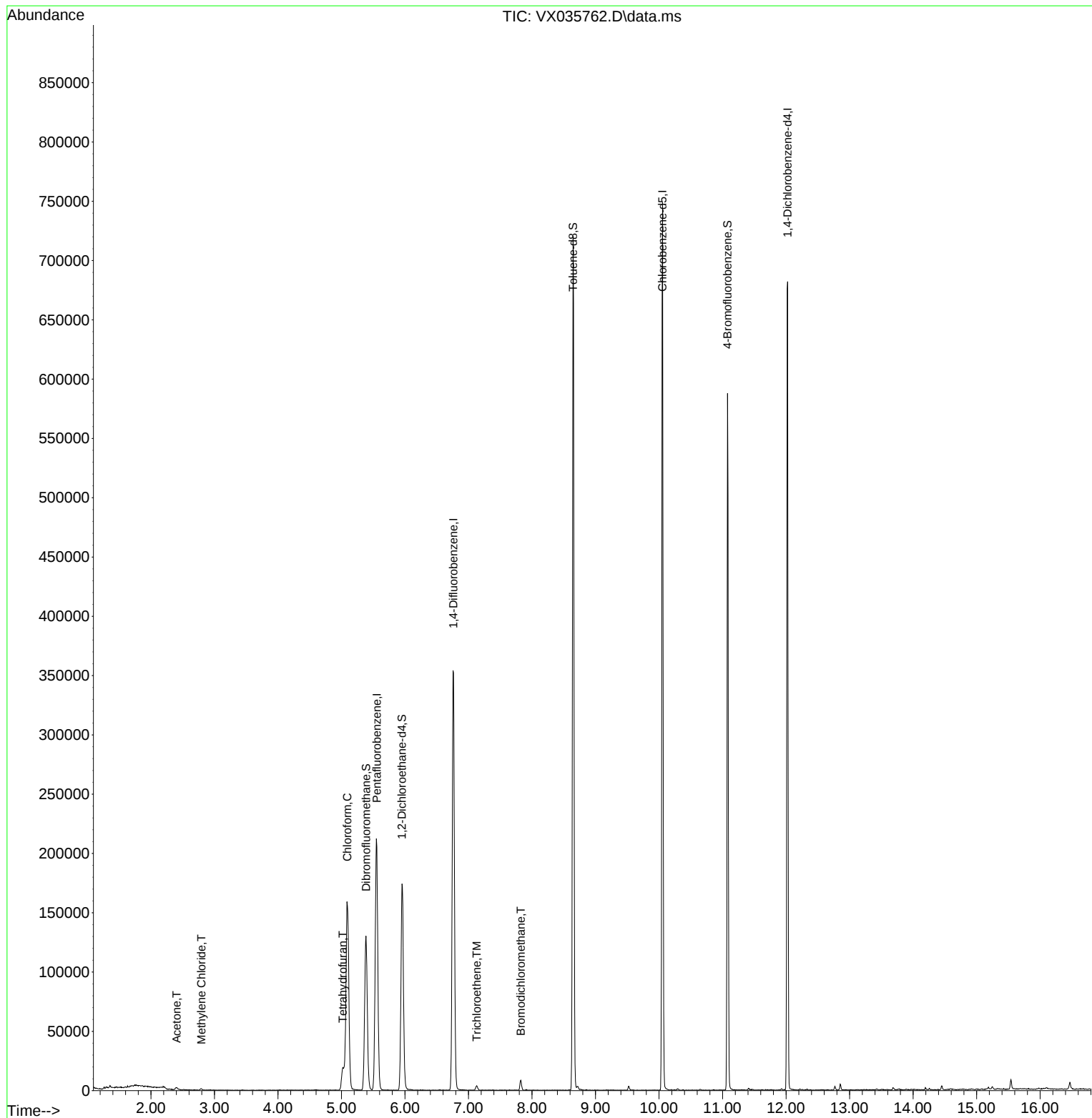
Internal Standards						
1) Pentafluorobenzene	5.556	168	179419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	341939	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	299535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	177333	56.655	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.320%	
35) Dibromofluoromethane	5.385	113	112605	48.831	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.660%	
50) Toluene-d8	8.647	98	404412	47.472	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.940%	
62) 4-Bromofluorobenzene	11.079	95	157589	45.943	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.880%	
Target Compounds						
						Qvalue
16) Acetone	2.404	43	3554	2.642	ug/l	94
20) Methylene Chloride	2.794	84	596	0.244	ug/l #	64
29) Tetrahydrofuran	5.019	42	20750	17.727	ug/l	97
30) Chloroform	5.093	83	184189	40.101	ug/l	94
44) Trichloroethene	7.129	130	1470	0.569	ug/l	89
47) Bromodichloromethane	7.824	83	5326	1.493	ug/l	94

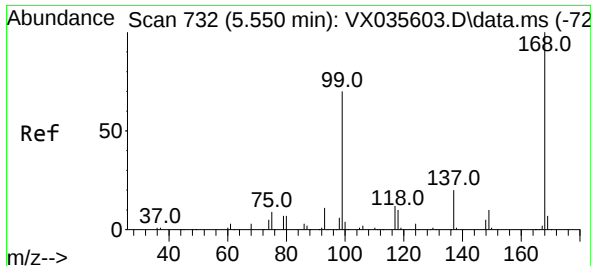
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

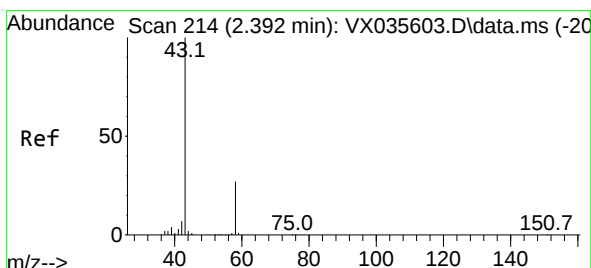
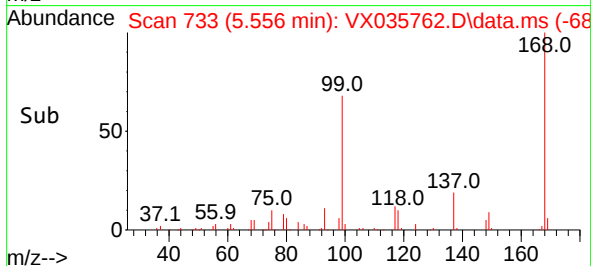
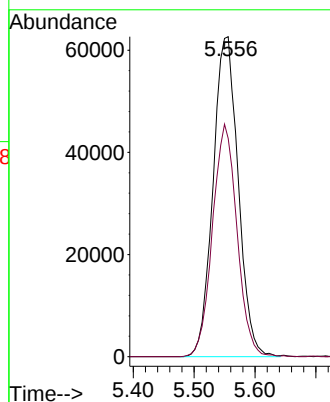
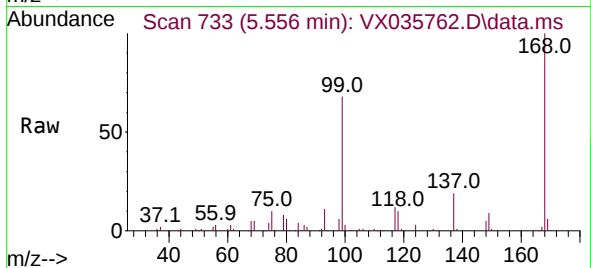




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035762.D
Acq: 19 May 2023 15:54

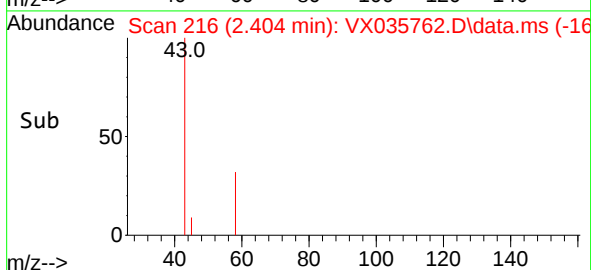
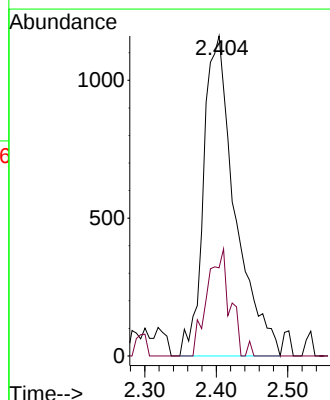
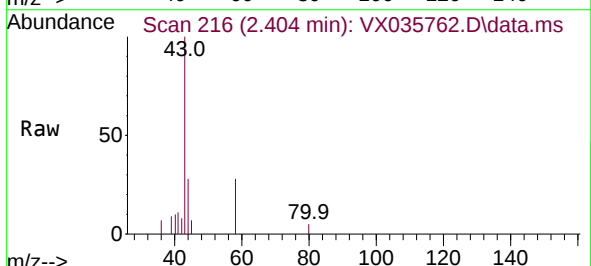
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-08-05112023

Tgt Ion:168 Resp: 179419
Ion Ratio Lower Upper
168 100
99 68.2 45.7 68.5



#16
Acetone
Concen: 2.642 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX035762.D
Acq: 19 May 2023 15:54

Tgt Ion: 43 Resp: 3554
Ion Ratio Lower Upper
43 100
58 27.6 24.7 37.1

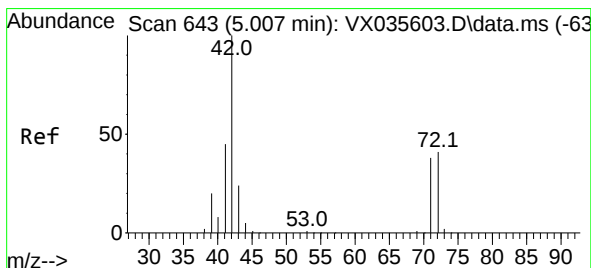
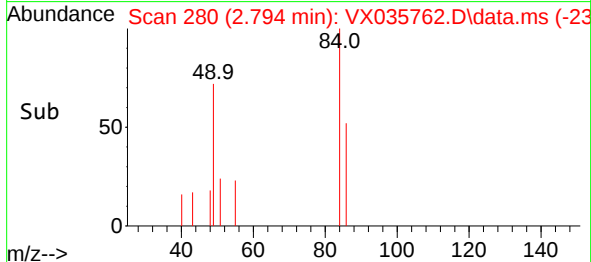
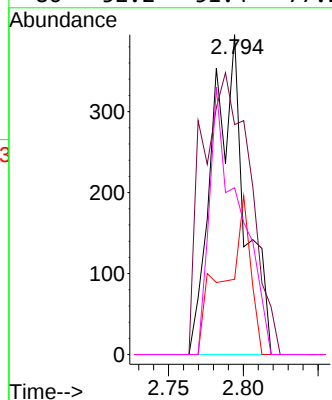
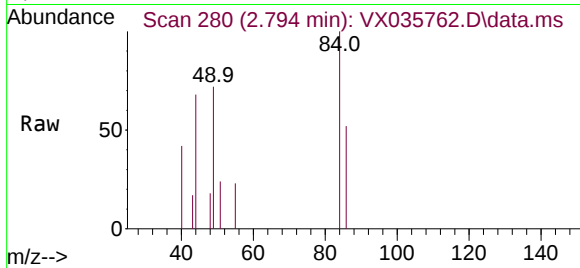




#20
Methylene Chloride
Concen: 0.244 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX035762.D
Acq: 19 May 2023 15:54

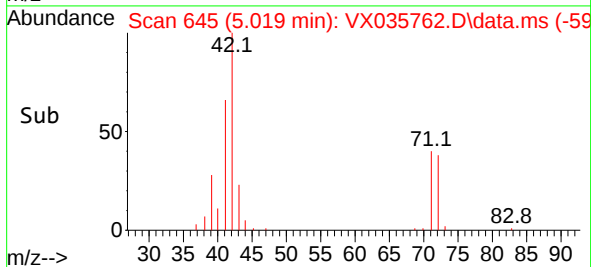
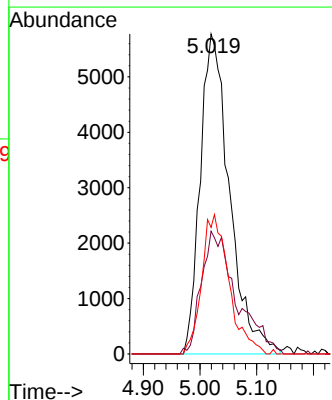
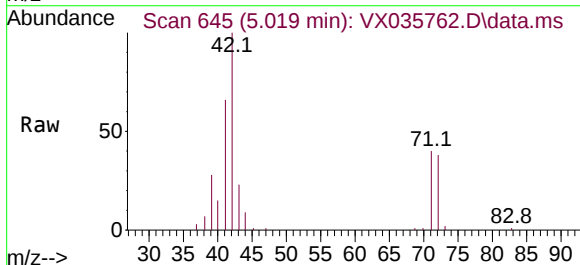
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-08-05112023

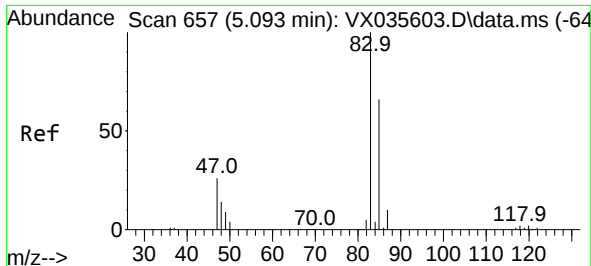
Tgt Ion:	84	Resp:	596
Ion	Ratio	Lower	Upper
84	100		
49	71.9	103.8	155.8#
51	23.5	31.8	47.8#
86	52.2	51.4	77.2



#29
Tetrahydrofuran
Concen: 17.727 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.012 min
Lab File: VX035762.D
Acq: 19 May 2023 15:54

Tgt Ion:	42	Resp:	20750
Ion	Ratio	Lower	Upper
42	100		
72	46.0	34.5	51.7
71	40.5	32.1	48.1





#30

Chloroform

Concen: 40.101 ug/l

RT: 5.093 min Scan# 6

Delta R.T. -0.000 min

Lab File: VX035762.D

Acq: 19 May 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

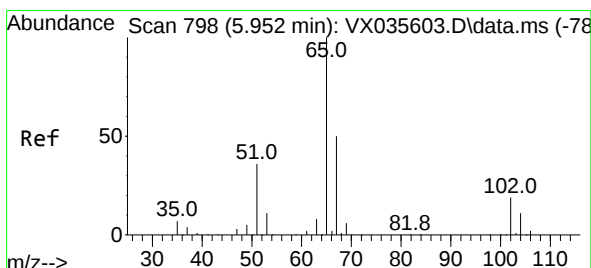
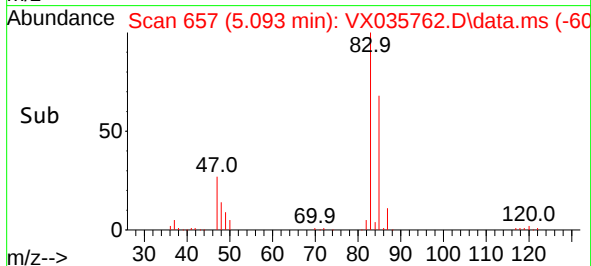
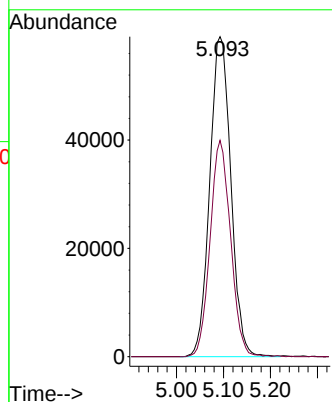
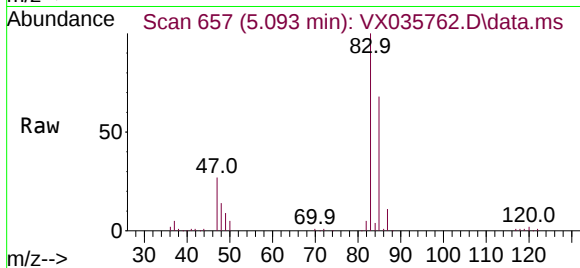
FSND-EQB-08-05112023

Tgt Ion: 83 Resp: 184189

Ion Ratio Lower Upper

83 100

85 67.6 50.6 76.0



#33

1,2-Dichloroethane-d4

Concen: 56.655 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035762.D

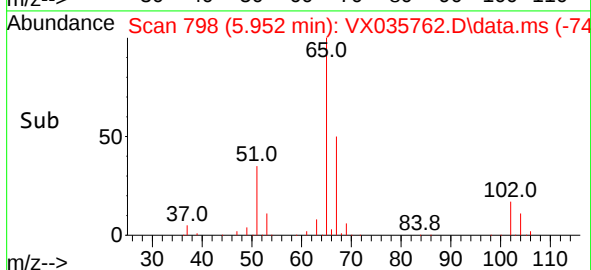
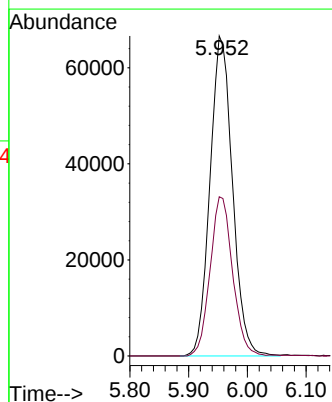
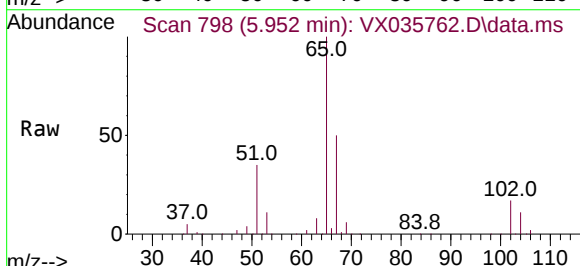
Acq: 19 May 2023 15:54

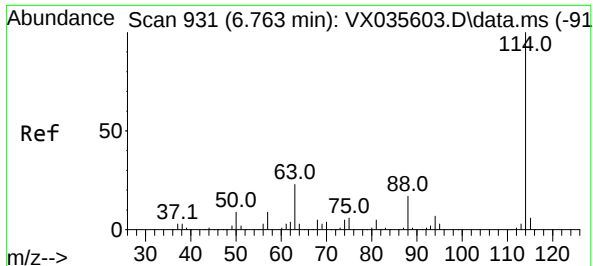
Tgt Ion: 65 Resp: 177333

Ion Ratio Lower Upper

65 100

67 49.8 0.0 104.0

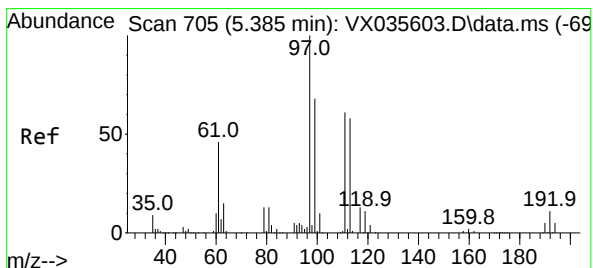
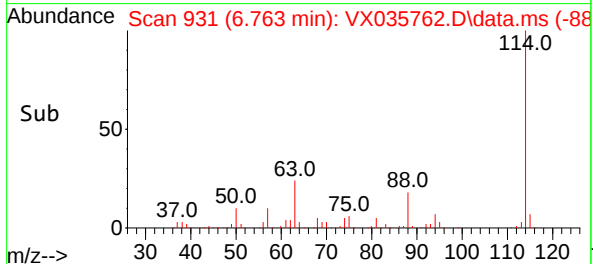
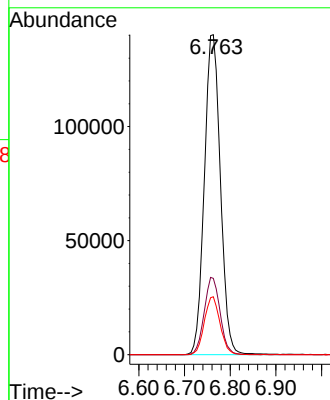
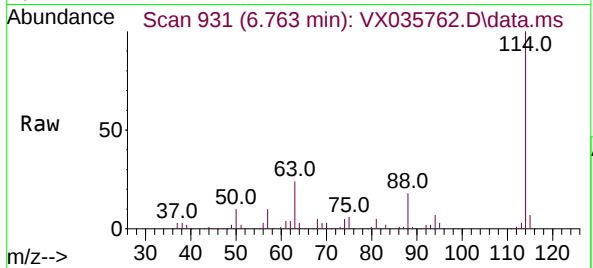




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035762.D
Acq: 19 May 2023 15:54

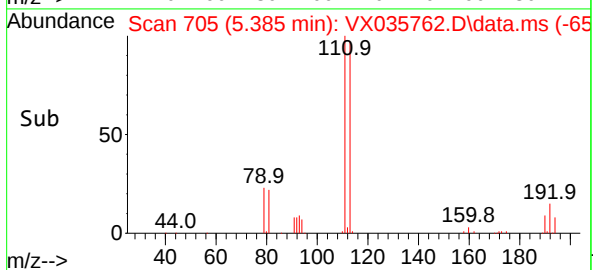
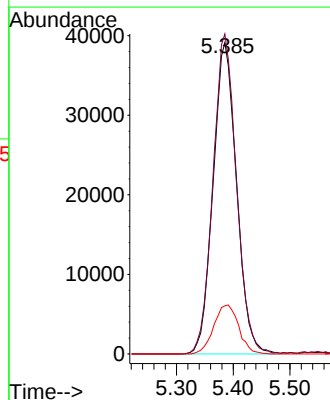
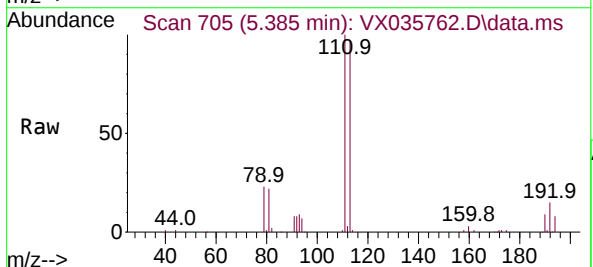
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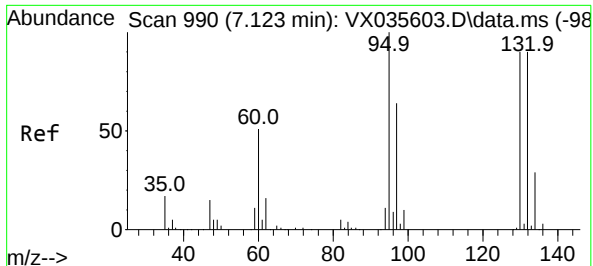
Tgt Ion:114 Resp: 341939
Ion Ratio Lower Upper
114 100
63 23.8 0.0 42.2
88 18.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.831 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035762.D
Acq: 19 May 2023 15:54

Tgt Ion:113 Resp: 112605
Ion Ratio Lower Upper
113 100
111 102.7 83.7 125.5
192 16.7 15.4 23.2

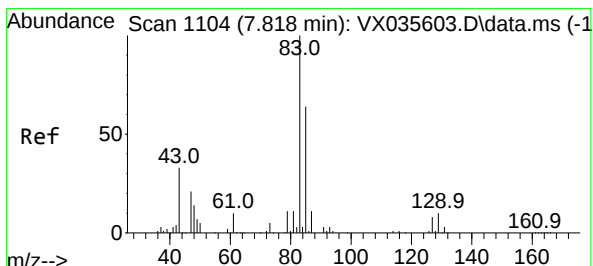
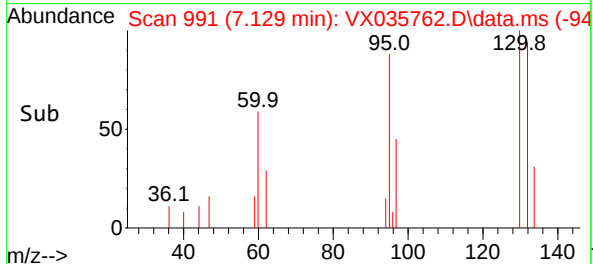
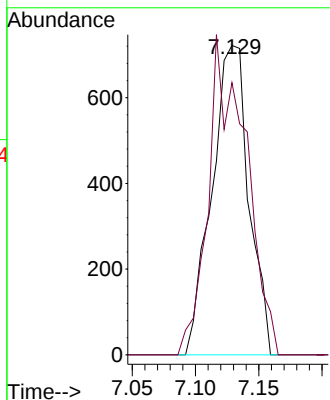
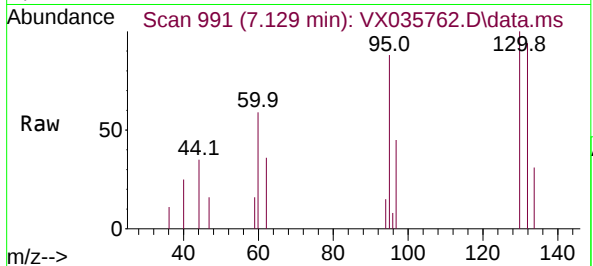




#44
Trichloroethene
Concen: 0.569 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX035762.D
Acq: 19 May 2023 15:54

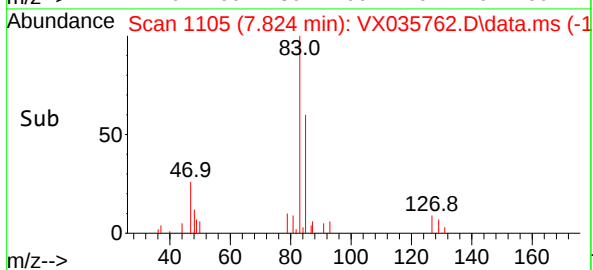
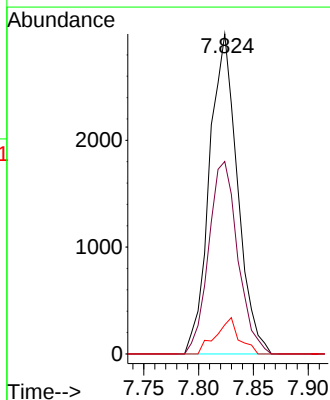
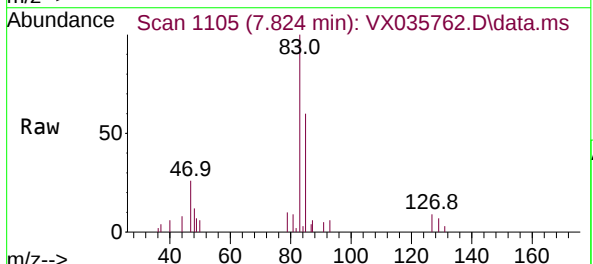
Instrument :
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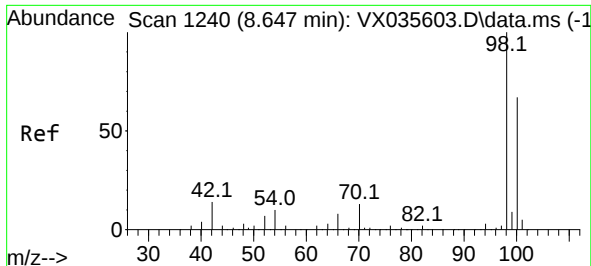
Tgt Ion:130 Resp: 1470
Ion Ratio Lower Upper
130 100
95 88.0 0.0 198.4



#47
Bromodichloromethane
Concen: 1.493 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX035762.D
Acq: 19 May 2023 15:54

Tgt Ion: 83 Resp: 5326
Ion Ratio Lower Upper
83 100
85 60.1 52.2 78.4
127 9.1 6.6 9.8

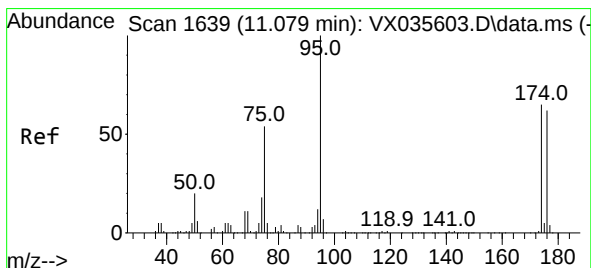
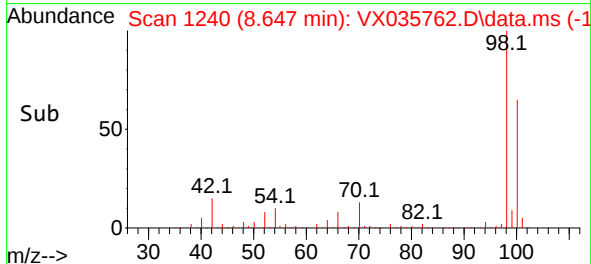
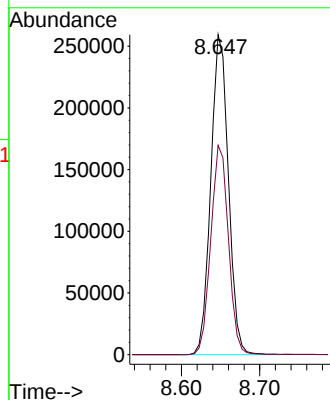
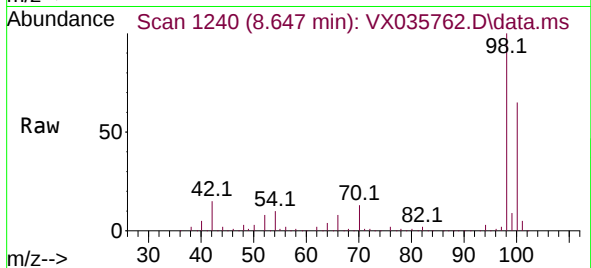




#50
Toluene-d8
Concen: 47.472 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035762.D
Acq: 19 May 2023 15:54

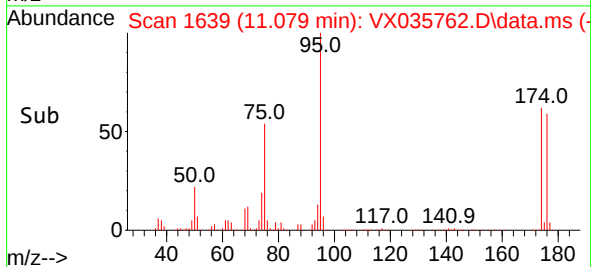
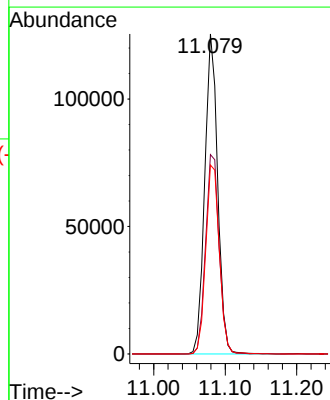
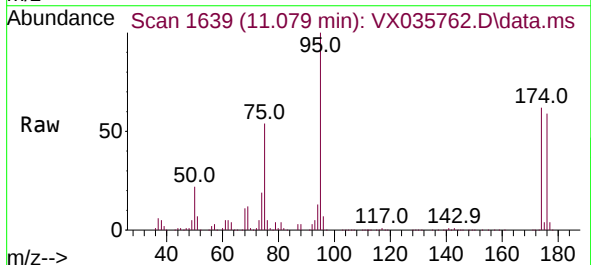
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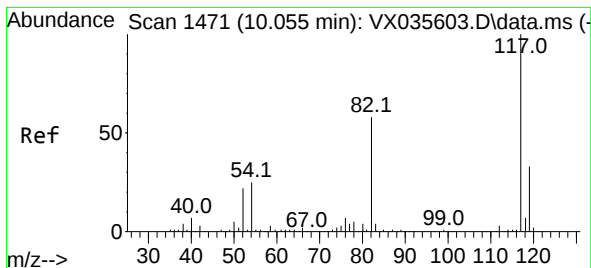
Tgt Ion: 98 Resp: 404412
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 45.943 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035762.D
Acq: 19 May 2023 15:54

Tgt Ion: 95 Resp: 157589
Ion Ratio Lower Upper
95 100
174 65.4 0.0 147.4
176 62.2 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: VX035762.D

Acq: 19 May 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-08-05112023

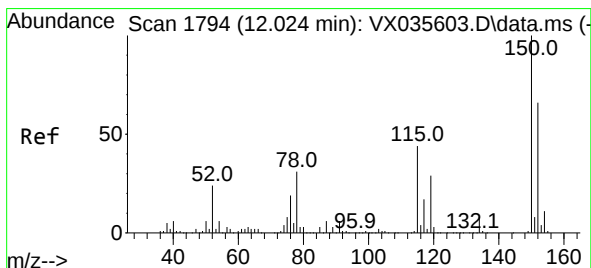
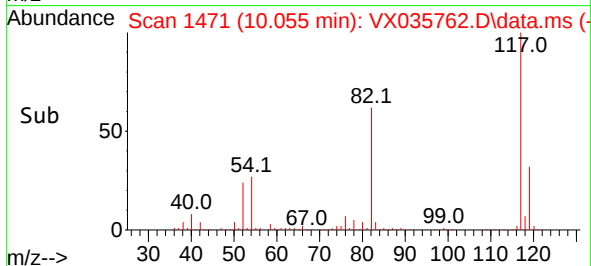
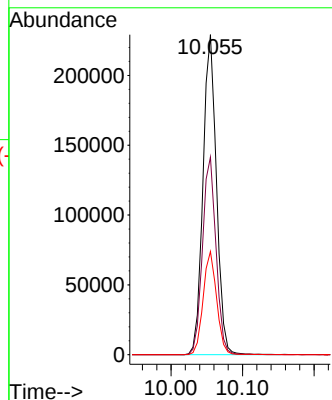
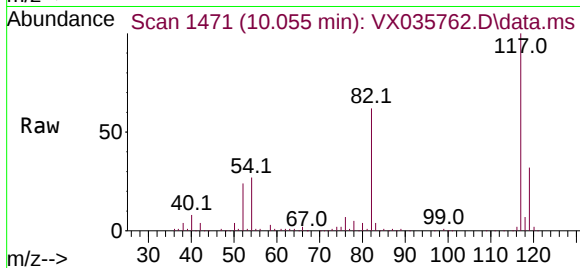
Tgt Ion:117 Resp: 299535

Ion Ratio Lower Upper

117 100

82 61.8 45.0 67.4

119 32.3 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035762.D

Acq: 19 May 2023 15:54

Tgt Ion:152 Resp: 129533

Ion Ratio Lower Upper

152 100

115 66.6 45.0 135.0

150 157.3 0.0 352.4

