

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
 Data File : VX035788.D
 Acq On : 22 May 2023 16:35
 Operator : JC/MD
 Sample : 02860-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EQB-13-05182023

Quant Time: May 23 06:13:39 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)

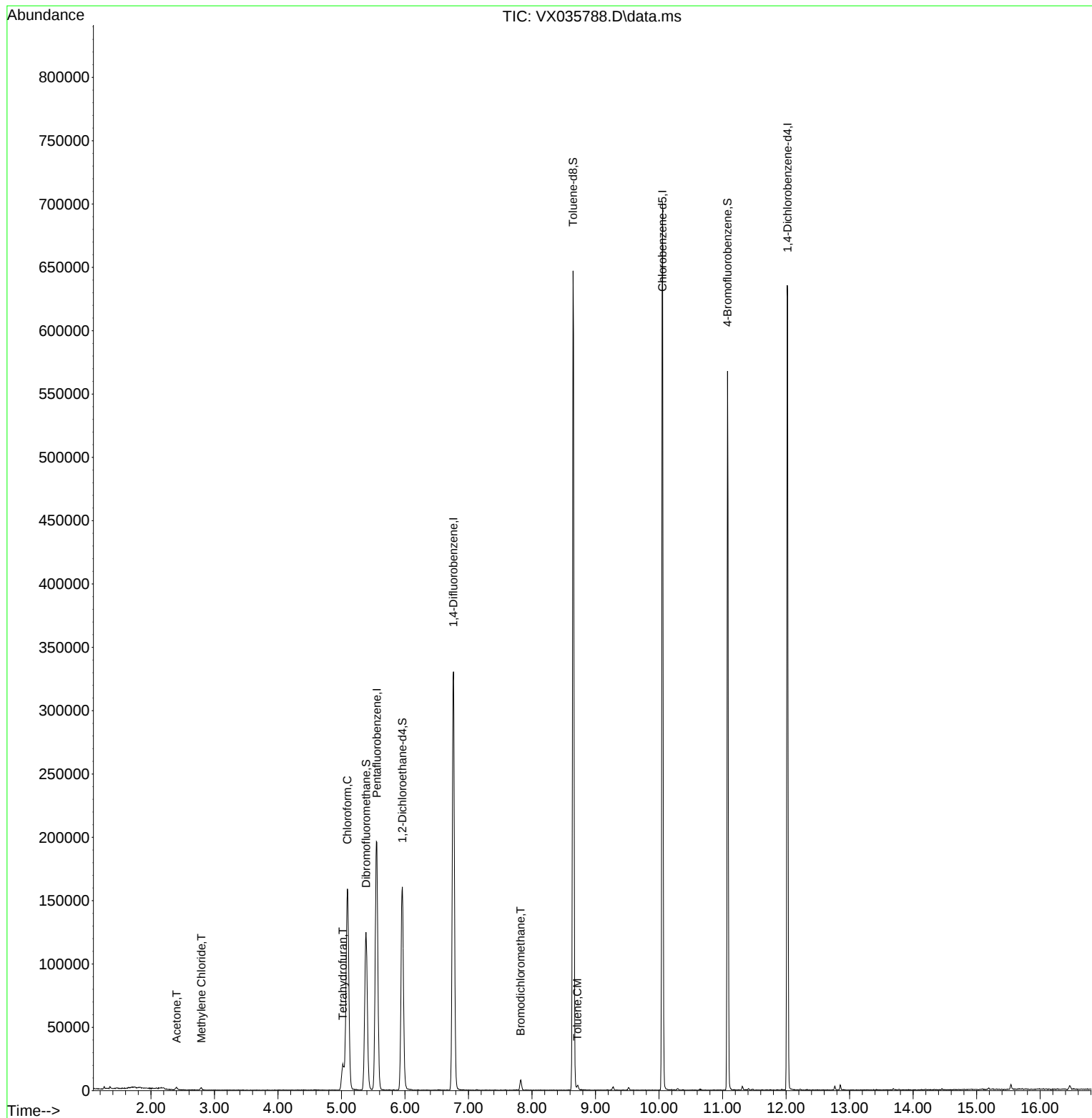
Internal Standards						
1) Pentafluorobenzene	5.556	168	169120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	316804	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	282715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121390	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164472	55.746	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.500%	
35) Dibromofluoromethane	5.385	113	107779	50.446	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.900%	
50) Toluene-d8	8.647	98	365760	46.341	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 92.680%	
62) 4-Bromofluorobenzene	11.079	95	145936	45.921	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.840%	
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	2901	2.288	ug/l #	85
20) Methylene Chloride	2.794	84	835	0.363	ug/l #	69
29) Tetrahydrofuran	5.019	42	20589	18.661	ug/l	94
30) Chloroform	5.092	83	185674	42.886	ug/l	96
47) Bromodichloromethane	7.818	83	5276	1.596	ug/l #	95
52) Toluene	8.714	92	1236	0.208	ug/l	99

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

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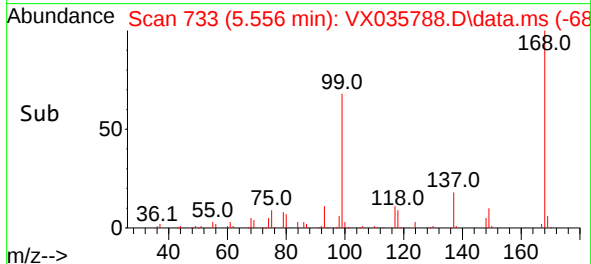
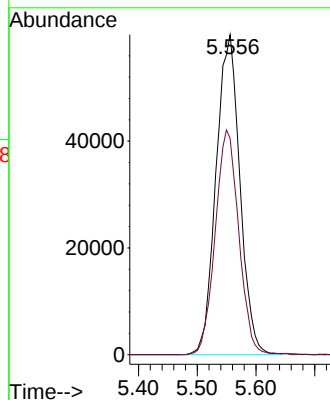
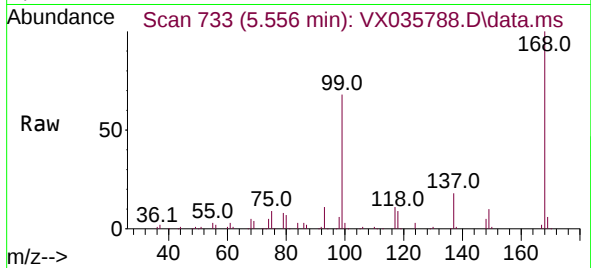




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035788.D
Acq: 22 May 2023 16:35

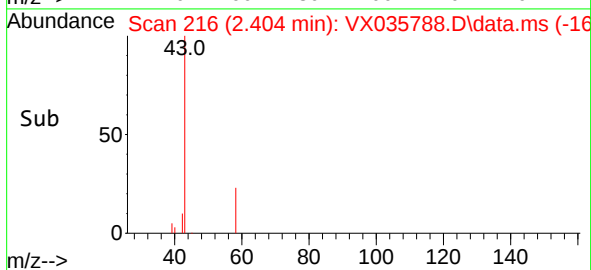
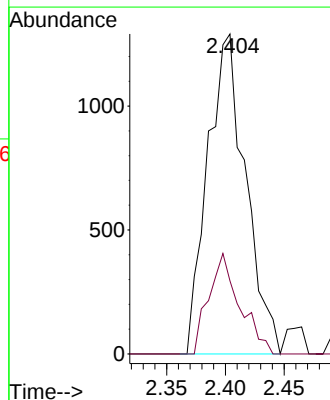
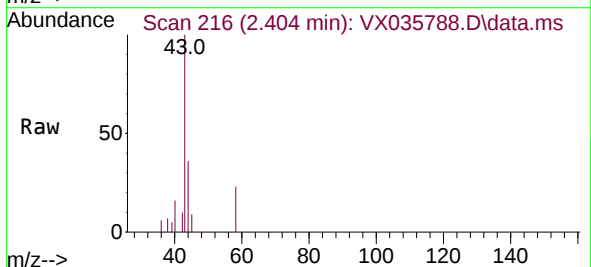
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-13-05182023

Tgt Ion:168 Resp: 169120
Ion Ratio Lower Upper
168 100
99 67.6 45.7 68.5



#16
Acetone
Concen: 2.288 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX035788.D
Acq: 22 May 2023 16:35

Tgt Ion: 43 Resp: 2901
Ion Ratio Lower Upper
43 100
58 22.9 24.7 37.1#

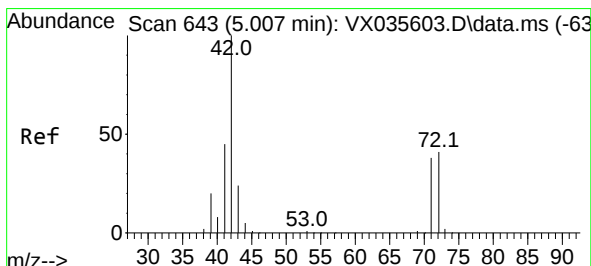
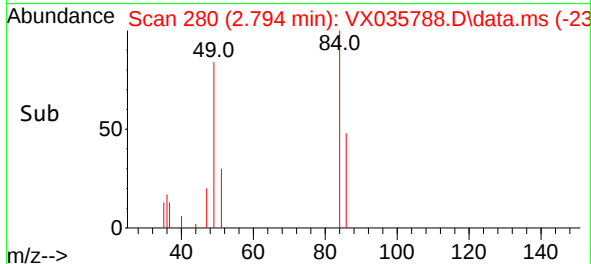
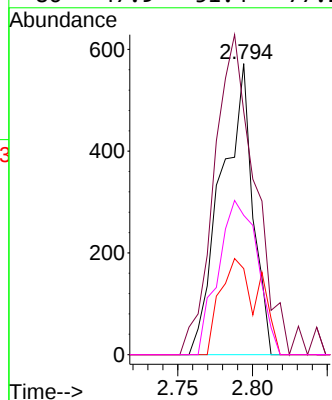
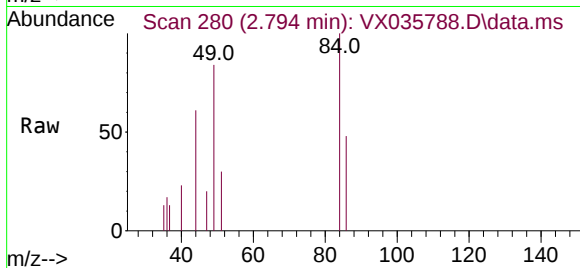




#20
Methylene Chloride
Concen: 0.363 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX035788.D
Acq: 22 May 2023 16:35

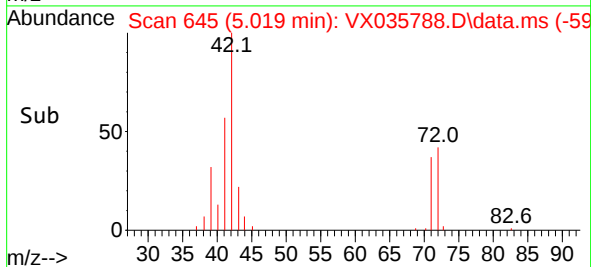
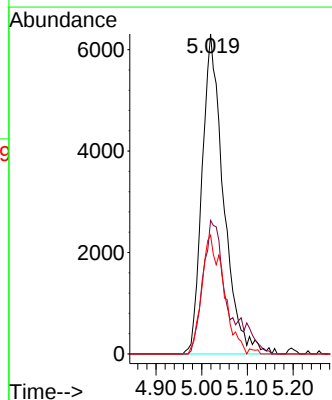
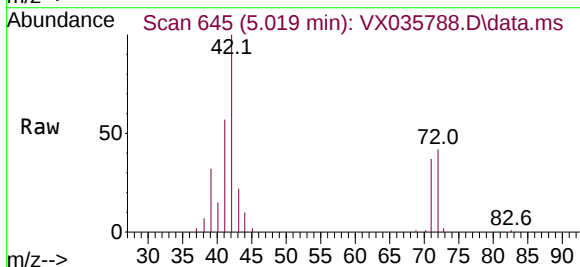
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-13-05182023

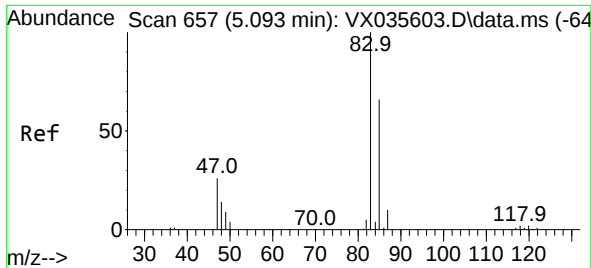
Tgt Ion: 84	Resp:	835
Ion	Ratio	Lower Upper
84	100	
49	83.6	103.8 155.8#
51	29.5	31.8 47.8#
86	47.9	51.4 77.2#



#29
Tetrahydrofuran
Concen: 18.661 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.012 min
Lab File: VX035788.D
Acq: 22 May 2023 16:35

Tgt Ion: 42	Resp:	20589
Ion	Ratio	Lower Upper
42	100	
72	47.8	34.5 51.7
71	37.8	32.1 48.1

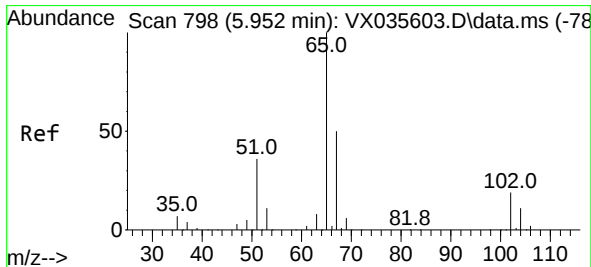
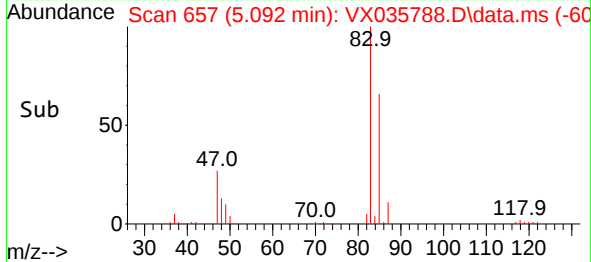
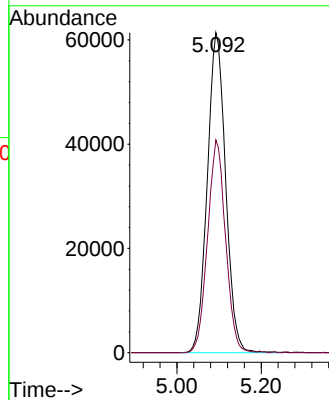
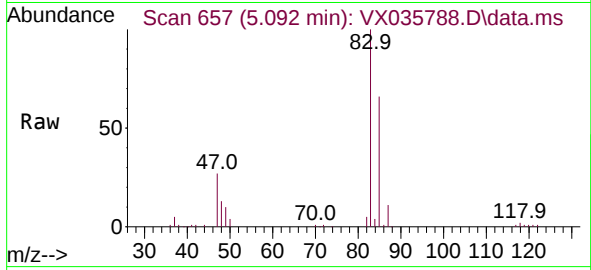




#30
Chloroform
Concen: 42.886 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX035788.D
Acq: 22 May 2023 16:35

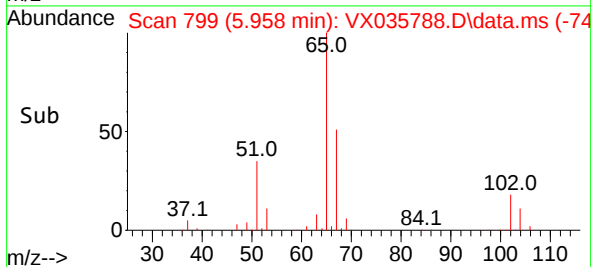
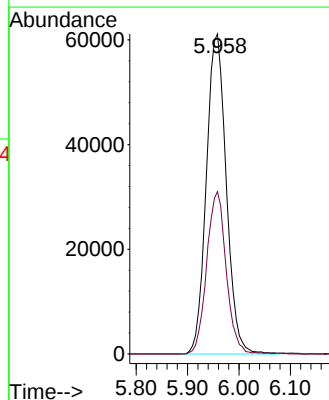
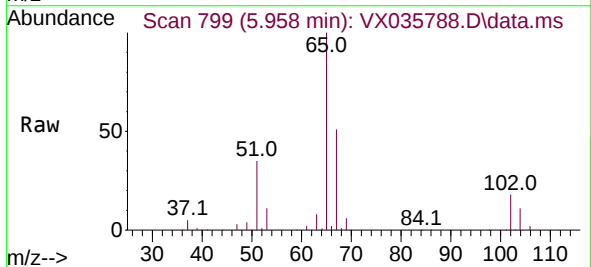
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-13-05182023

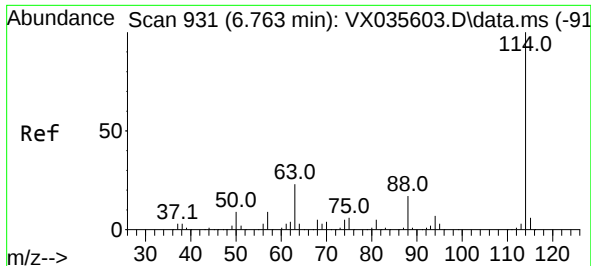
Tgt Ion: 83 Resp: 185674
Ion Ratio Lower Upper
83 100
85 66.5 50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 55.746 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035788.D
Acq: 22 May 2023 16:35

Tgt Ion: 65 Resp: 164472
Ion Ratio Lower Upper
65 100
67 49.6 0.0 104.0

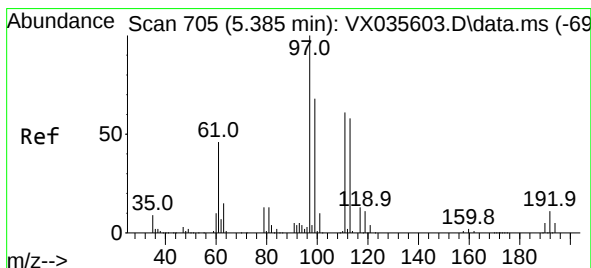
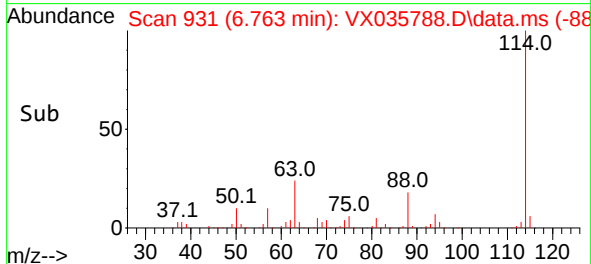
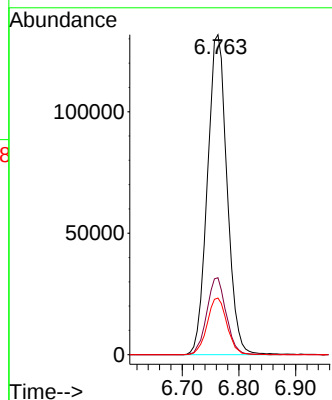
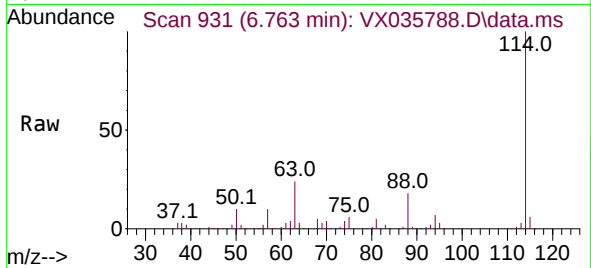




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035788.D
Acq: 22 May 2023 16:35

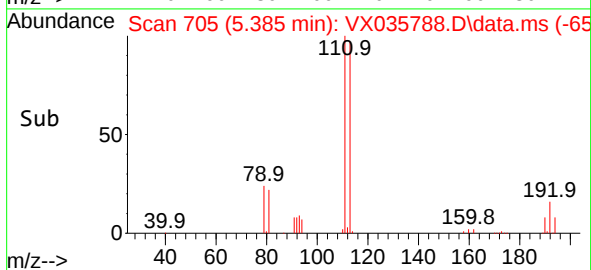
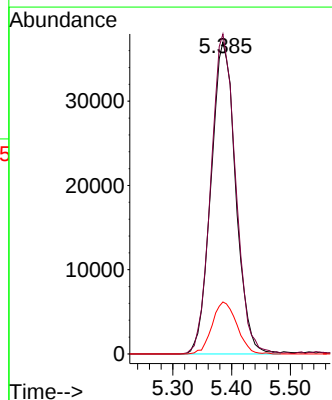
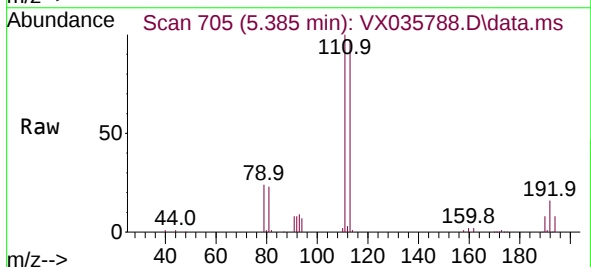
Instrument :
MSVOA_X
ClientSampleId :
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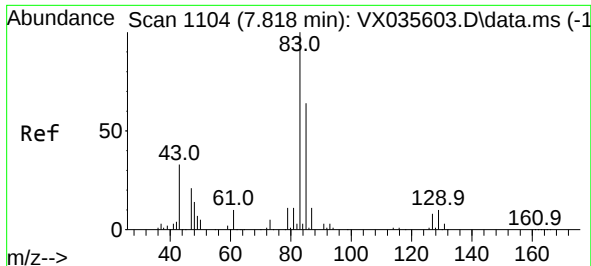
Tgt Ion:114 Resp: 316804
Ion Ratio Lower Upper
114 100
63 24.0 0.0 42.2
88 17.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.446 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035788.D
Acq: 22 May 2023 16:35

Tgt Ion:113 Resp: 107779
Ion Ratio Lower Upper
113 100
111 103.0 83.7 125.5
192 16.8 15.4 23.2

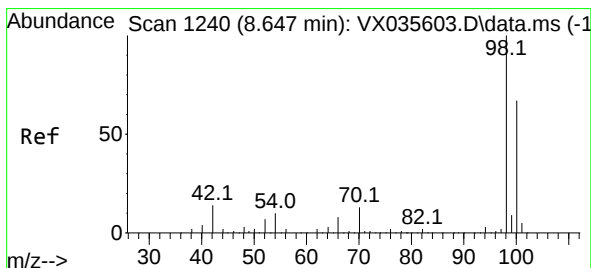
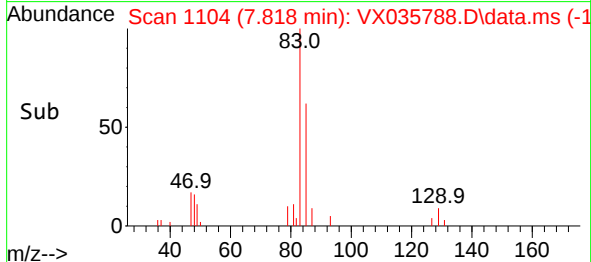
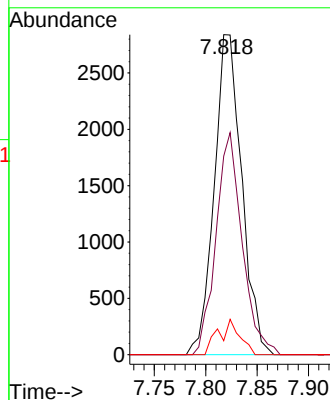
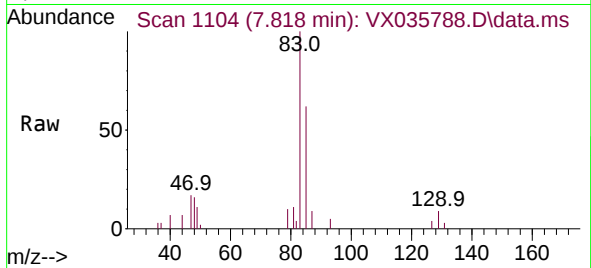




#47
Bromodichloromethane
Concen: 1.596 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX035788.D
Acq: 22 May 2023 16:35

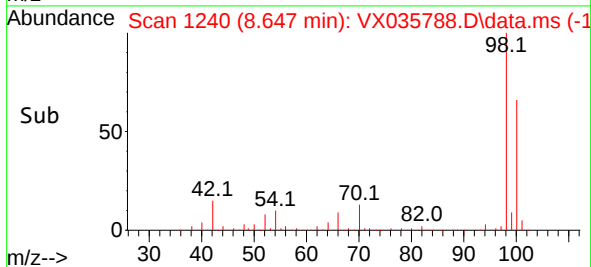
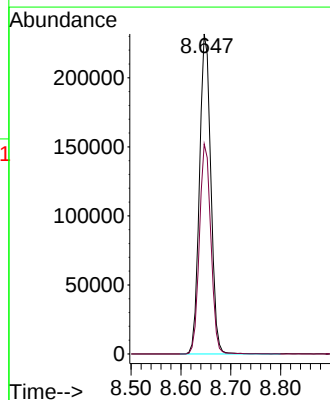
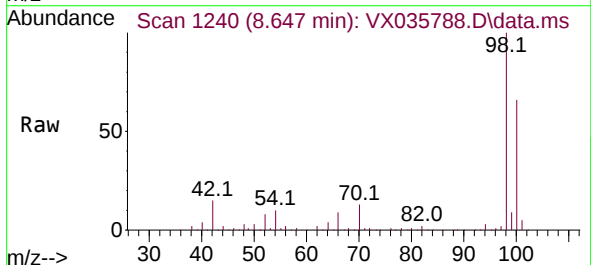
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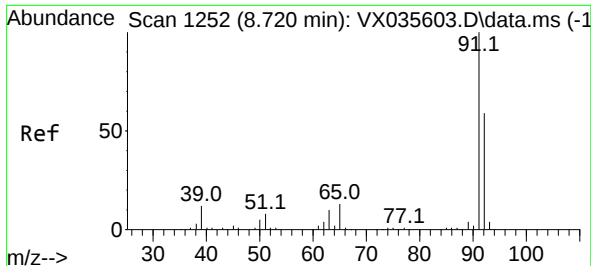
Tgt Ion: 83 Resp: 5276
Ion Ratio Lower Upper
83 100
85 62.0 52.2 78.4
127 4.4 6.6 9.8#



#50
Toluene-d8
Concen: 46.341 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035788.D
Acq: 22 May 2023 16:35

Tgt Ion: 98 Resp: 365760
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7

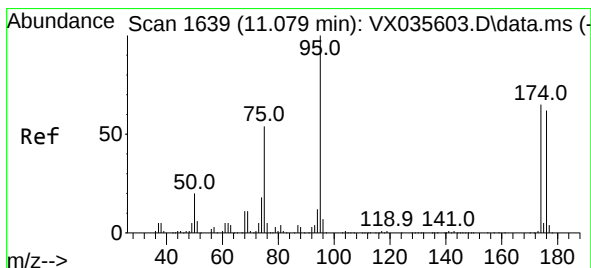
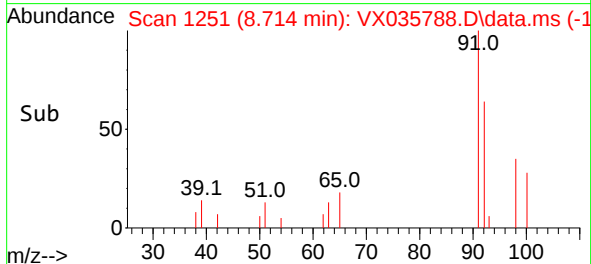
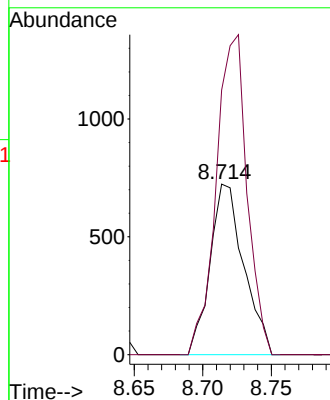
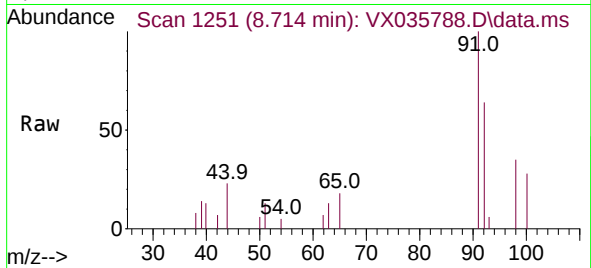




#52
Toluene
Concen: 0.208 ug/l
RT: 8.714 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035788.D
Acq: 22 May 2023 16:35

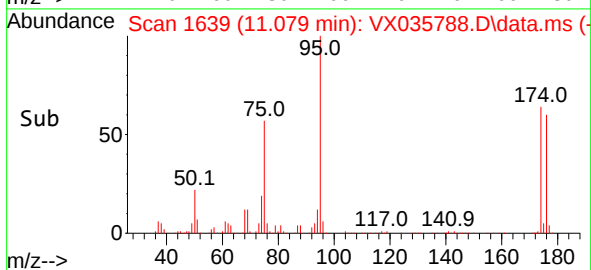
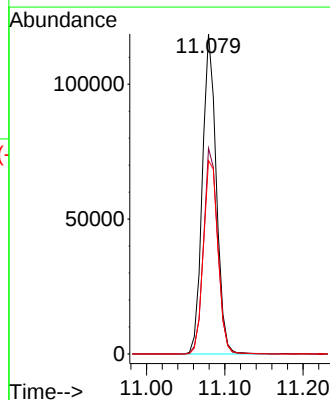
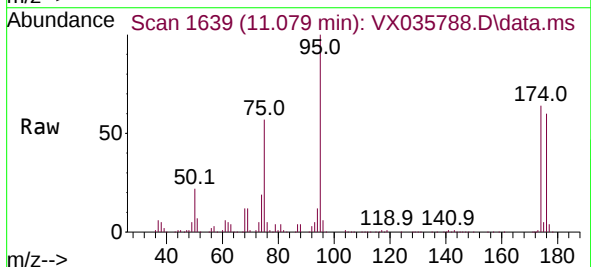
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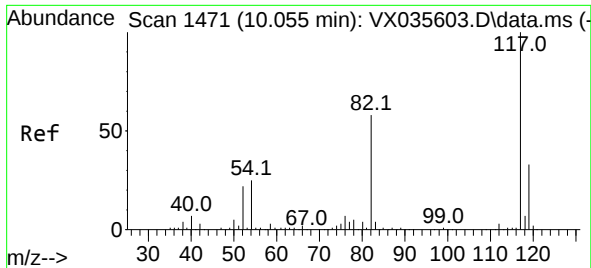
Tgt Ion: 92 Resp: 1236
Ion Ratio Lower Upper
92 100
91 172.2 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 45.921 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035788.D
Acq: 22 May 2023 16:35

Tgt Ion: 95 Resp: 145936
Ion Ratio Lower Upper
95 100
174 65.2 0.0 147.4
176 63.5 0.0 140.6

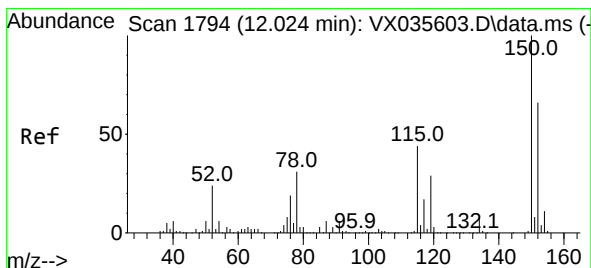
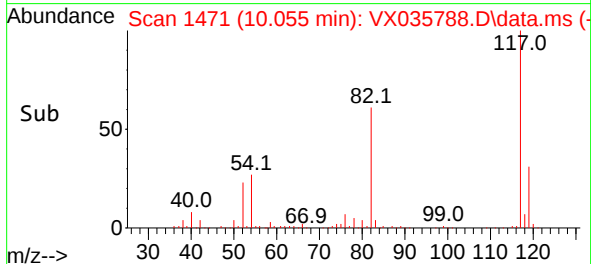
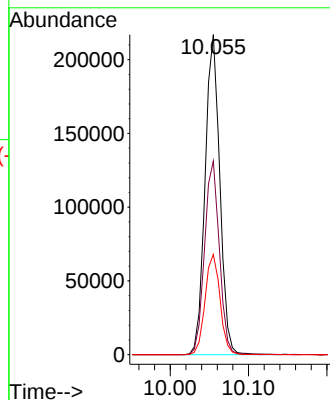
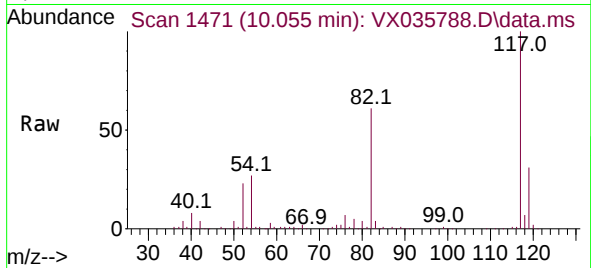




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035788.D
Acq: 22 May 2023 16:35

Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-13-05182023

Tgt Ion:117 Resp: 282715
Ion Ratio Lower Upper
117 100
82 60.5 45.0 67.4
119 31.3 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: VX035788.D
Acq: 22 May 2023 16:35

Tgt Ion:152 Resp: 121390
Ion Ratio Lower Upper
152 100
115 65.1 45.0 135.0
150 155.3 0.0 352.4

