

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020524\
 Data File : VX040114.D
 Acq On : 05 Feb 2024 14:31
 Operator : JC/MD
 Sample : P1141-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-4-0-2

Quant Time: Feb 06 03:00:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

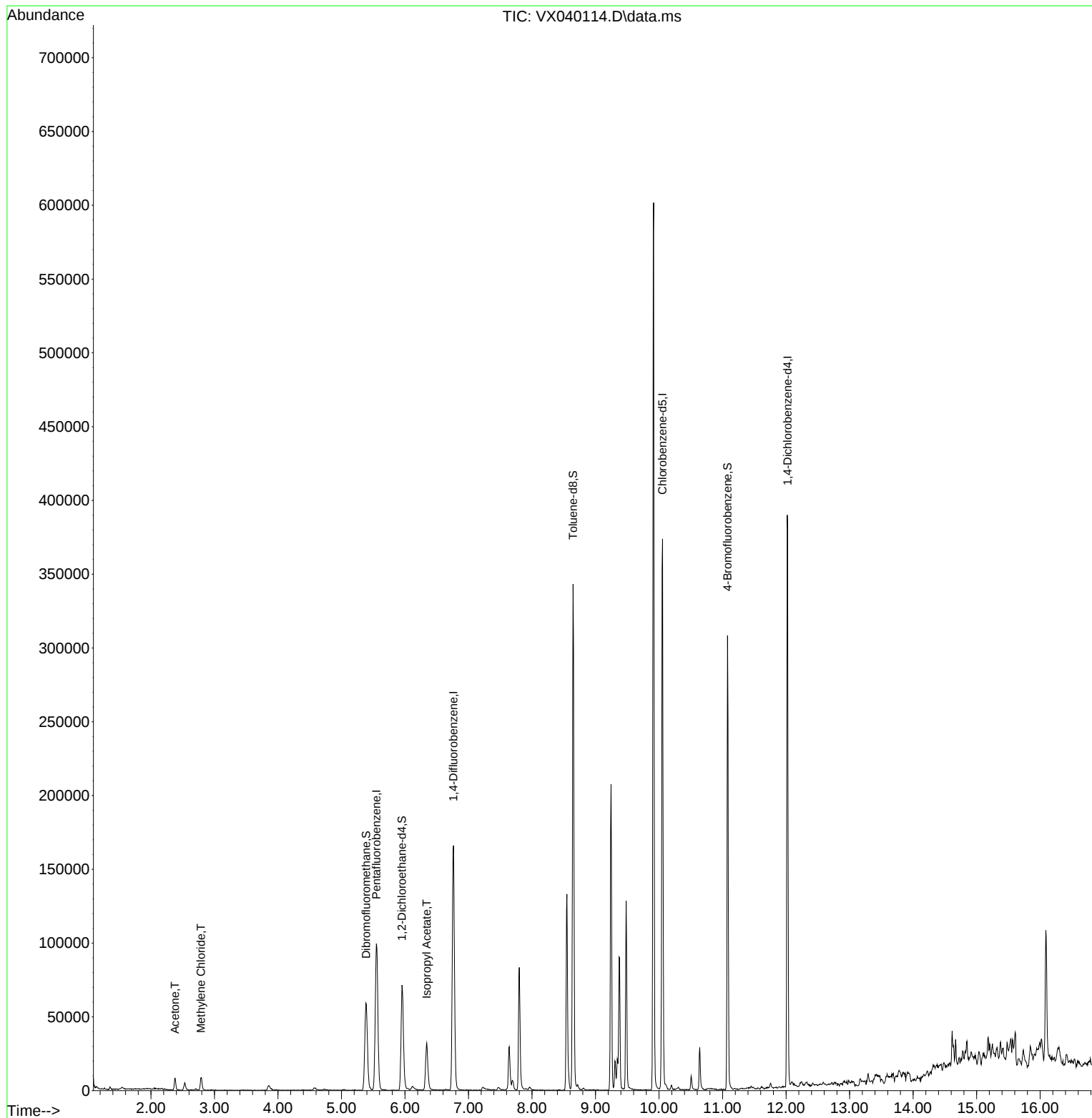
Internal Standards						
1) Pentafluorobenzene	5.550	168	91664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	168370	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67465	45.732	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.460%
35) Dibromofluoromethane	5.385	113	51681	45.091	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.180%
50) Toluene-d8	8.647	98	198934	46.412	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.820%
62) 4-Bromofluorobenzene	11.079	95	81062	49.115	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.240%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	8307	12.018	ug/l #	80
20) Methylene Chloride	2.788	84	4068	3.312	ug/l	90
43) Isopropyl Acetate	6.342	43	43248	15.149	ug/l	99

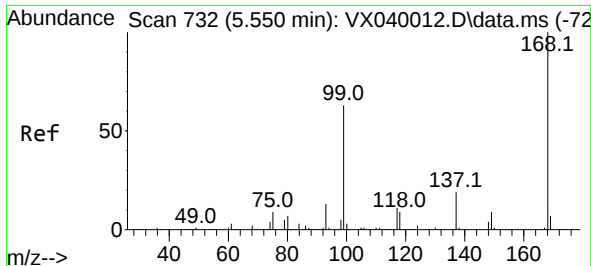
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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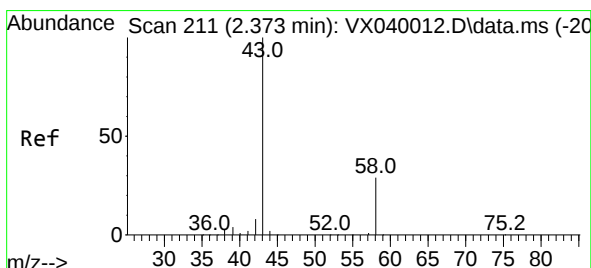
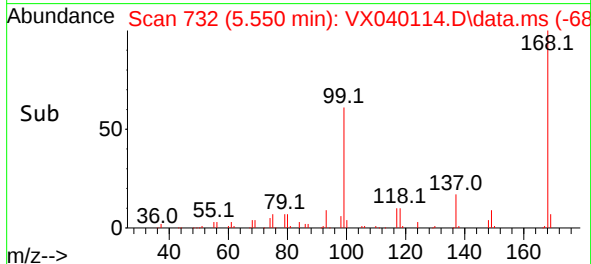
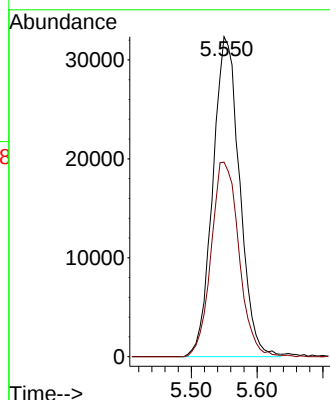
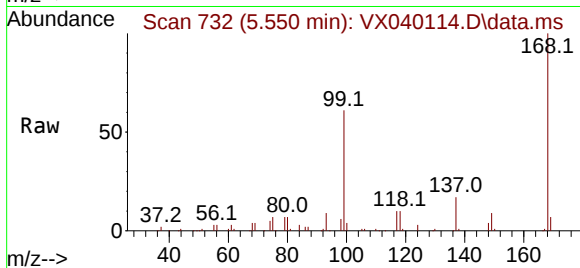




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040114.D
Acq: 05 Feb 2024 14:31

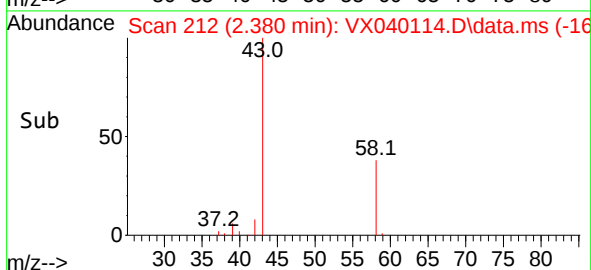
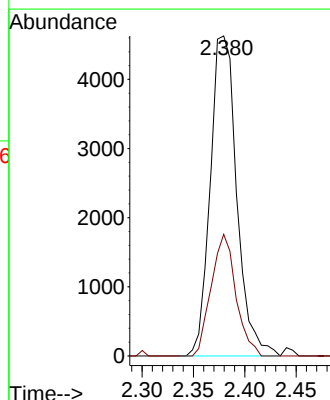
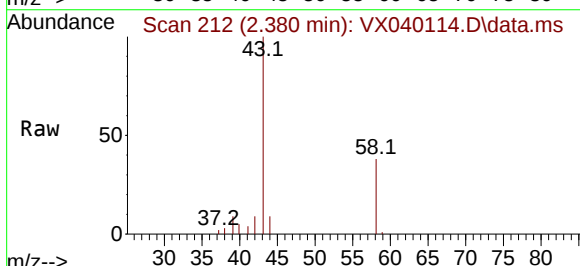
Instrument :
MSVOA_X
ClientSampleId :
EB-4-0-2

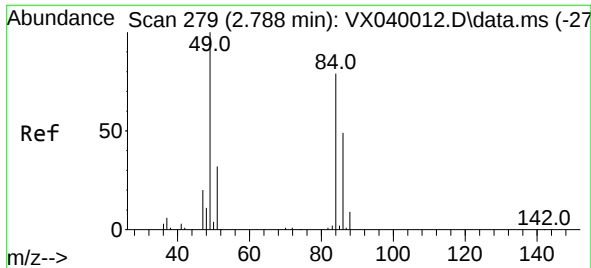
Tgt Ion:168 Resp: 91664
Ion Ratio Lower Upper
168 100
99 60.8 56.6 85.0



#16
Acetone
Concen: 12.018 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040114.D
Acq: 05 Feb 2024 14:31

Tgt Ion: 43 Resp: 8307
Ion Ratio Lower Upper
43 100
58 38.0 21.9 32.9#

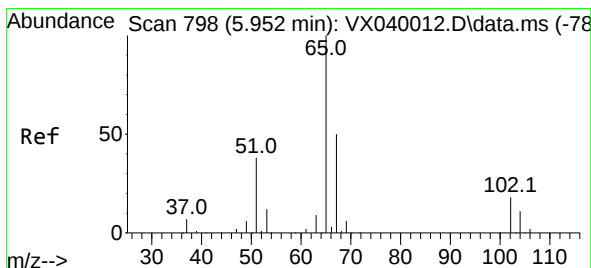
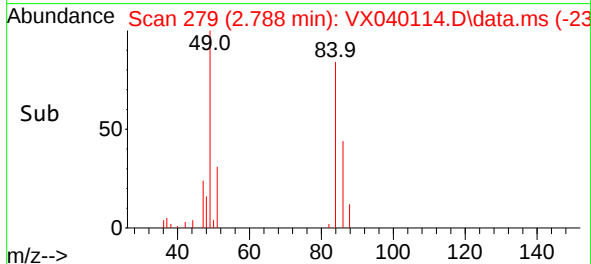
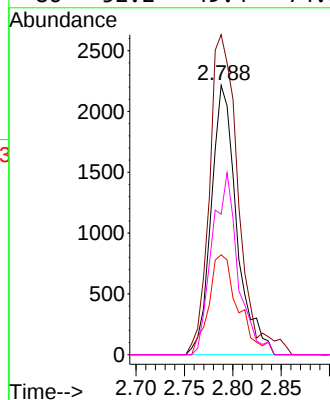
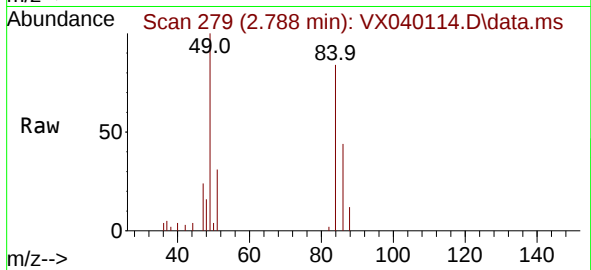




#20
Methylene Chloride
Concen: 3.312 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040114.D
Acq: 05 Feb 2024 14:31

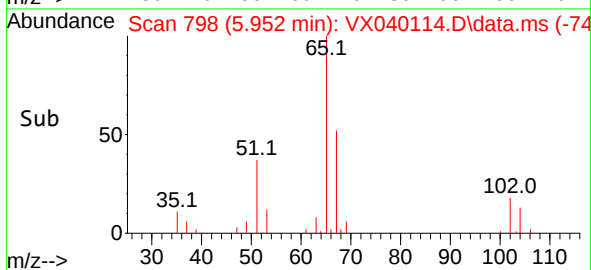
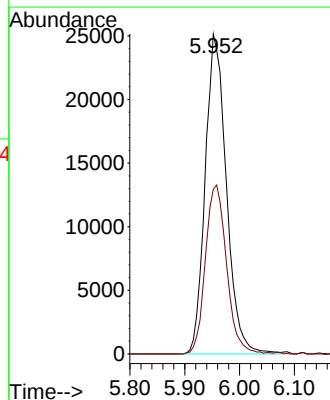
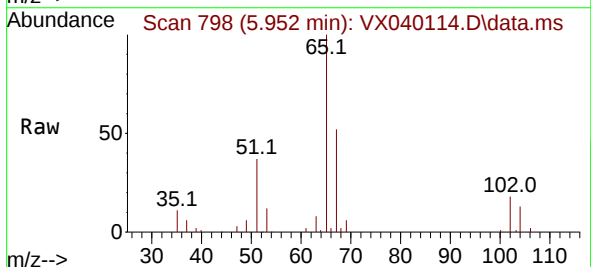
Instrument :
MSVOA_X
ClientSampleId :
EB-4-0-2

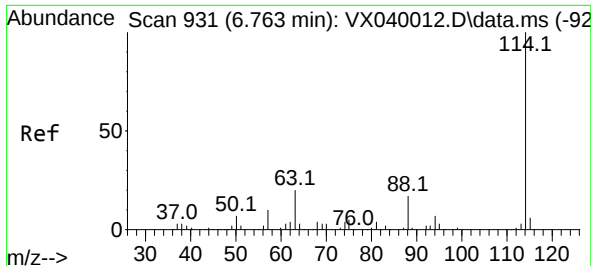
Tgt Ion:	84	Resp:	4068
Ion	Ratio	Lower	Upper
84	100		
49	118.8	103.6	155.4
51	37.1	33.8	50.6
86	52.2	49.4	74.0



#33
1,2-Dichloroethane-d4
Concen: 45.732 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX040114.D
Acq: 05 Feb 2024 14:31

Tgt Ion:	65	Resp:	67465
Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	100.2

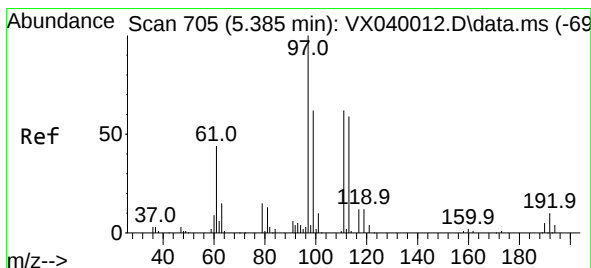
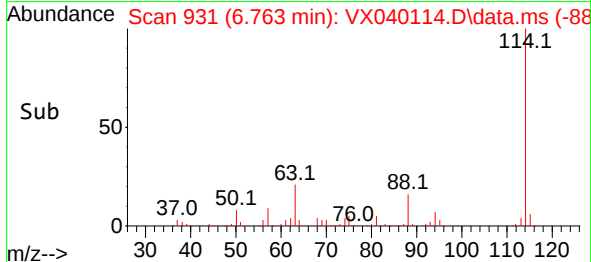
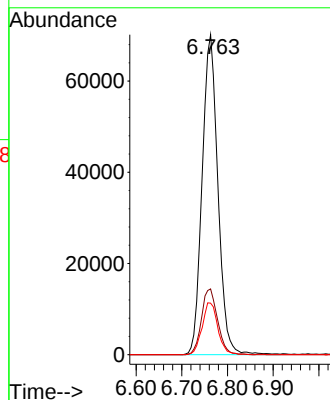
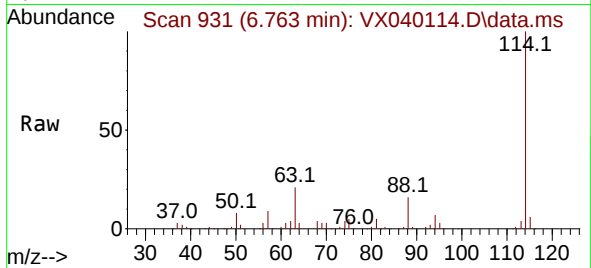




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX040114.D
Acq: 05 Feb 2024 14:31

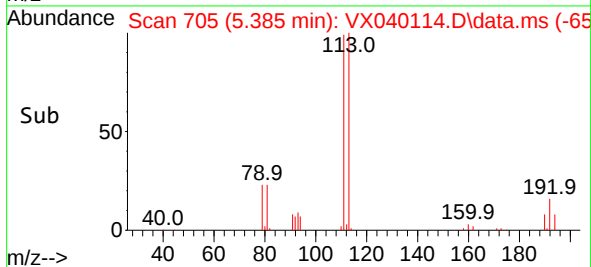
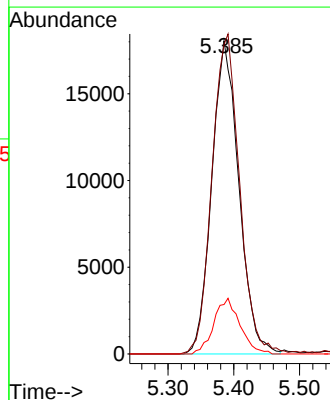
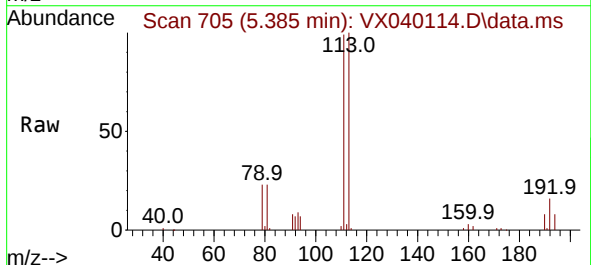
Instrument :
MSVOA_X
ClientSampleId :
EB-4-0-2

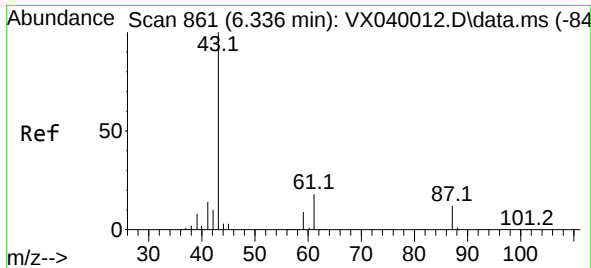
Tgt Ion:114 Resp: 168370
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.091 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040114.D
Acq: 05 Feb 2024 14:31

Tgt Ion:113 Resp: 51681
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 17.2 13.3 19.9

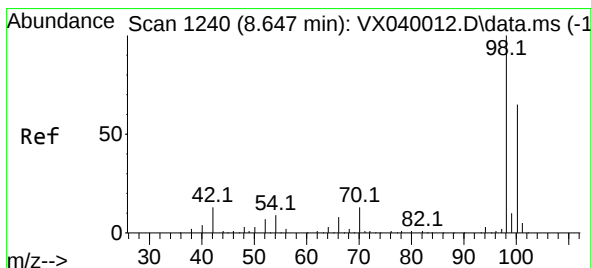
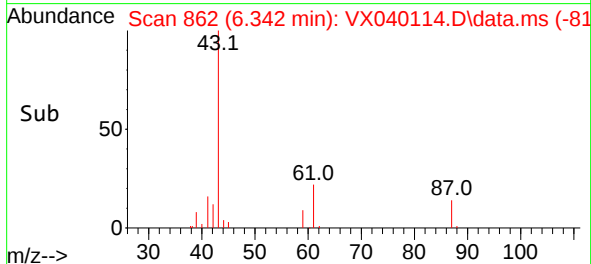
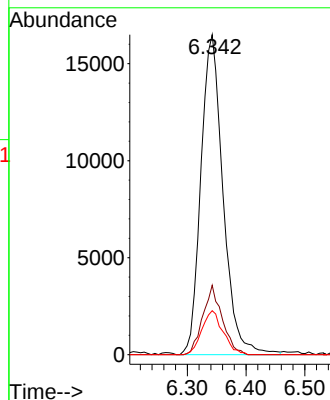
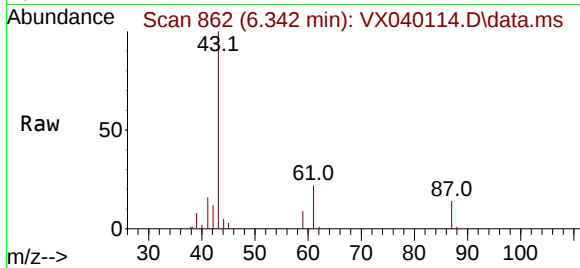




#43
Isopropyl Acetate
Concen: 15.149 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX040114.D
Acq: 05 Feb 2024 14:31

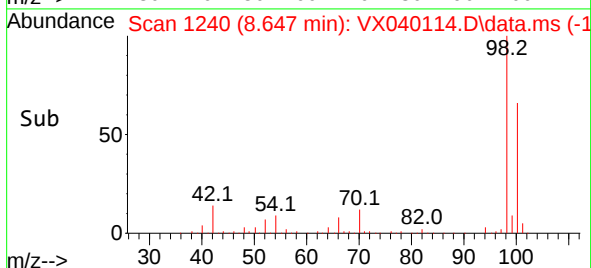
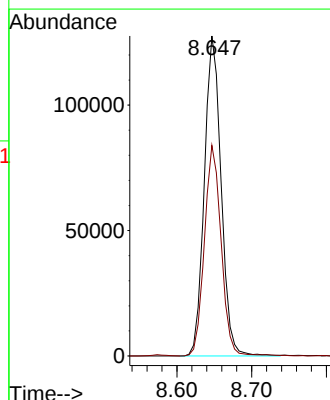
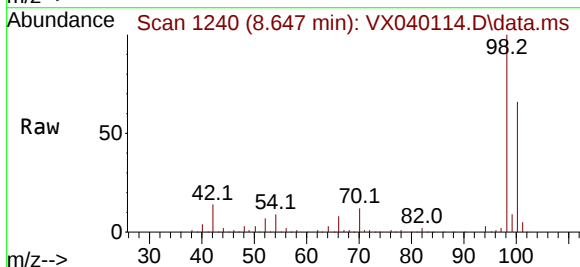
Instrument :
MSVOA_X
ClientSampleId :
EB-4-0-2

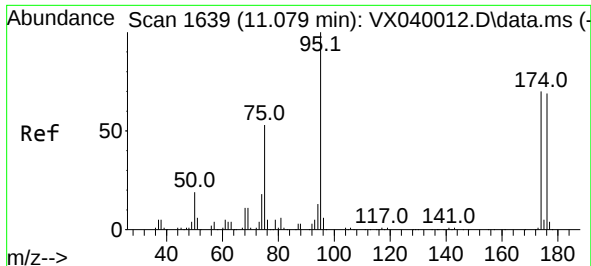
Tgt Ion: 43 Resp: 43248
Ion Ratio Lower Upper
43 100
61 18.9 15.2 22.8
87 13.2 9.8 14.6



#50
Toluene-d8
Concen: 46.412 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040114.D
Acq: 05 Feb 2024 14:31

Tgt Ion: 98 Resp: 198934
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 49.115 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040114.D

Acq: 05 Feb 2024 14:31

Instrument :

MSVOA_X

ClientSampleId :

EB-4-0-2

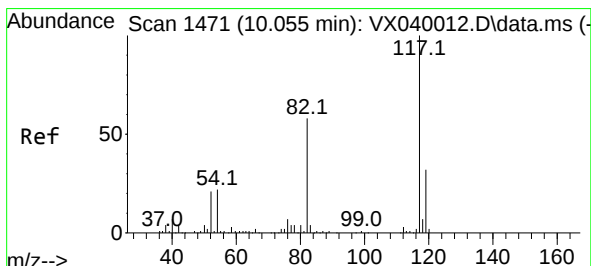
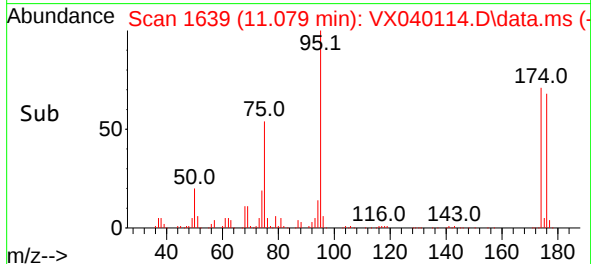
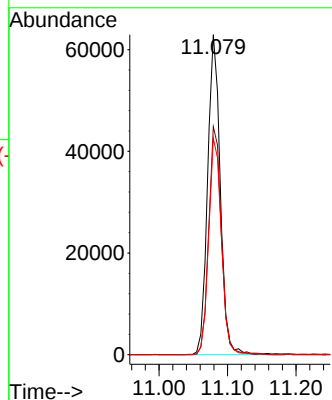
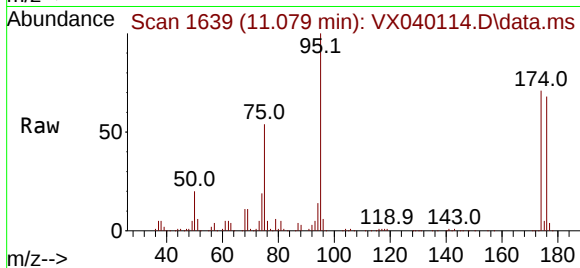
Tgt Ion: 95 Resp: 81062

Ion Ratio Lower Upper

95 100

174 71.2 0.0 135.6

176 67.9 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX040114.D

Acq: 05 Feb 2024 14:31

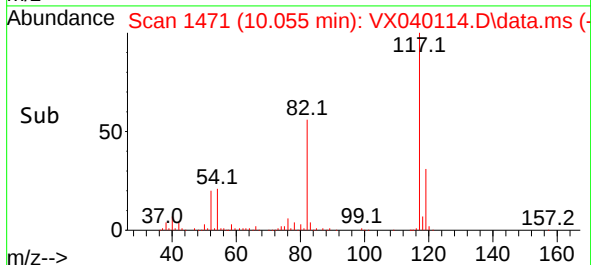
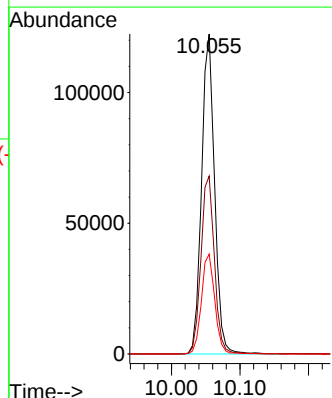
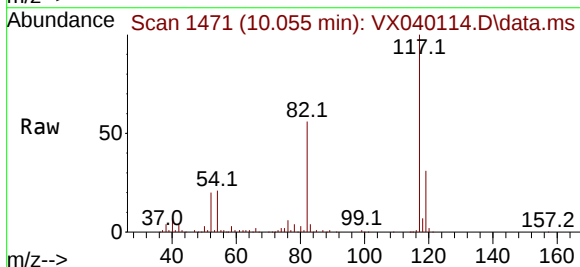
Tgt Ion: 117 Resp: 161899

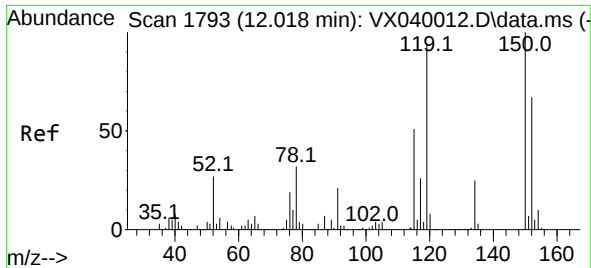
Ion Ratio Lower Upper

117 100

82 55.6 46.2 69.4

119 31.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040114.D

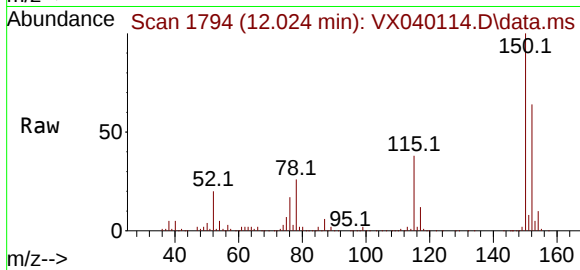
Acq: 05 Feb 2024 14:31

Instrument :

MSVOA_X

ClientSampleId :

EB-4-0-2



Tgt Ion:152 Resp: 79206

Ion Ratio Lower Upper

152 100

115 63.6 43.3 129.9

150 157.5 0.0 345.0

