

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011465.D
 Acq On : 12 Aug 2019 05:28
 Operator : JC/SP
 Sample : K4085-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-080919-A

Quant Time: Aug 12 09:24:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

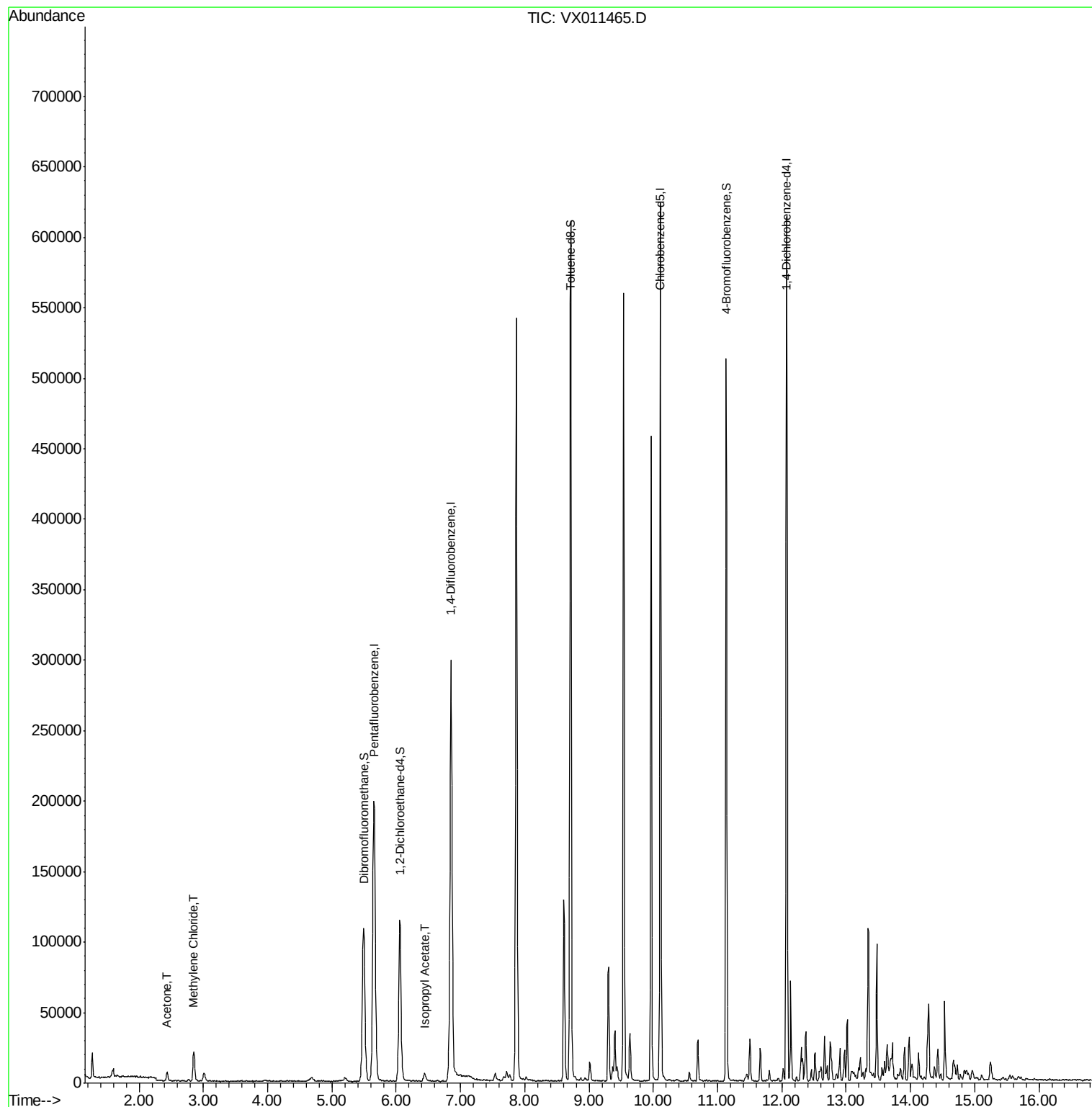
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	198985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	299986	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129627	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	107898	53.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.68%	
35) Dibromofluoromethane	5.49	113	91793	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
50) Toluene-d8	8.71	98	362923	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
62) 4-Bromofluorobenzene	11.13	95	123205	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
Target Compounds						
16) Acetone	2.43	43	6237	6.539	ug/l	96
20) Methylene Chloride	2.85	84	9941	4.759	ug/l	97
43) Isopropyl Acetate	6.44	43	7341	1.748	ug/l #	93

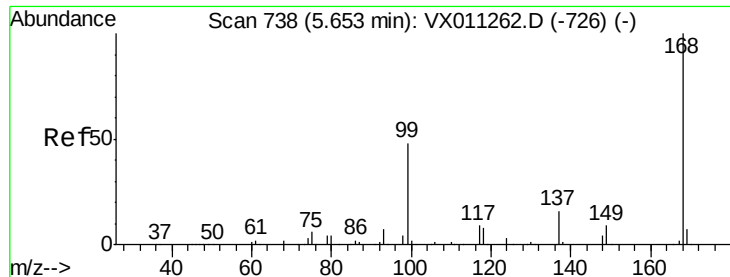
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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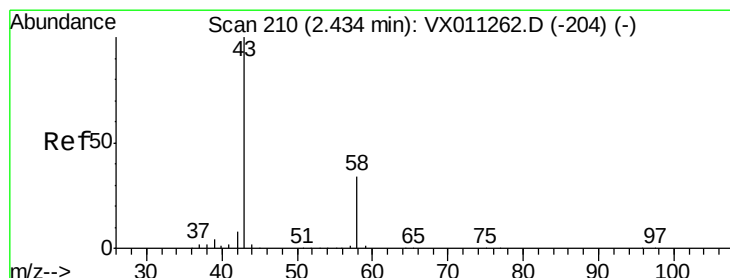
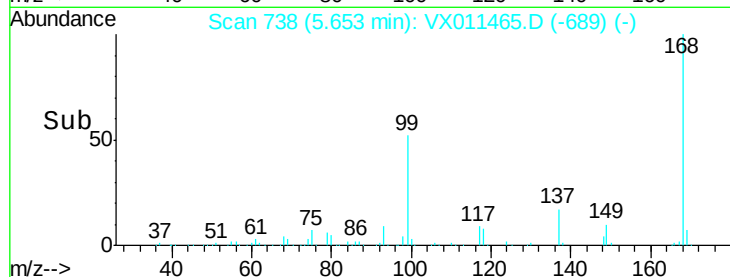
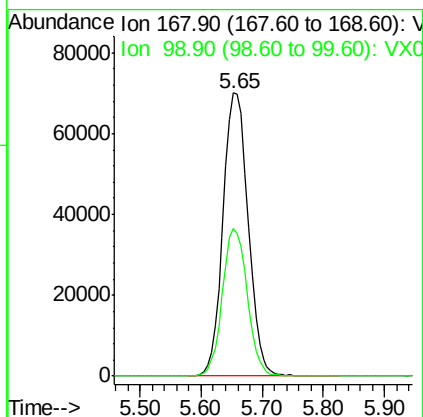
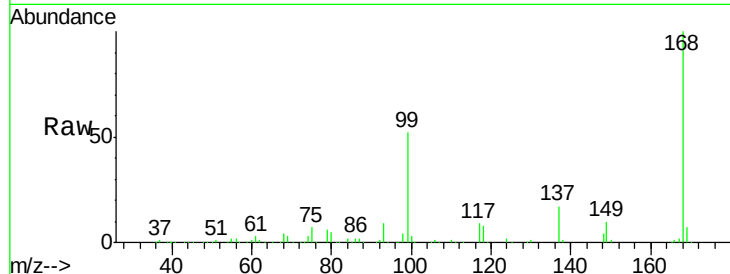




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.00 min
Lab File: VX011465.D
Acq: 12 Aug 2019 05:28

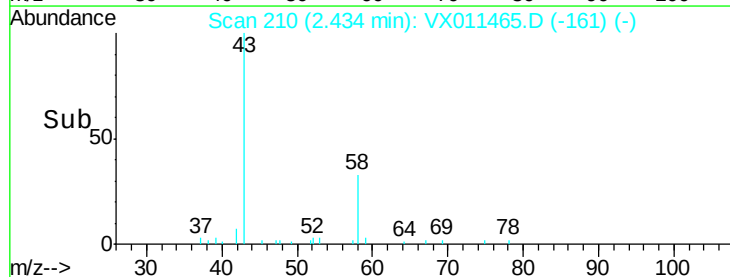
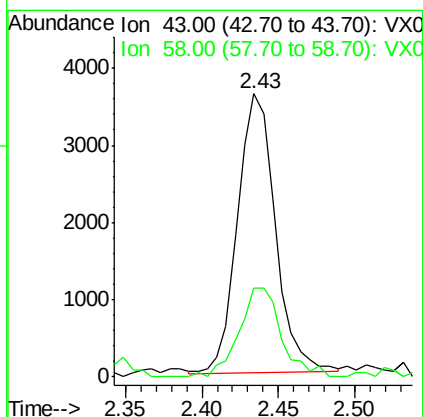
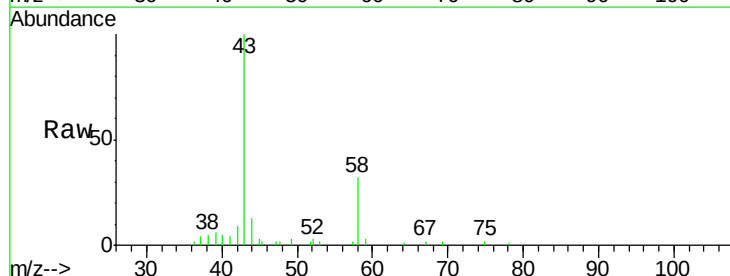
Instrument :
MSVOA_X
ClientSampleId :
HR-05-080919-A

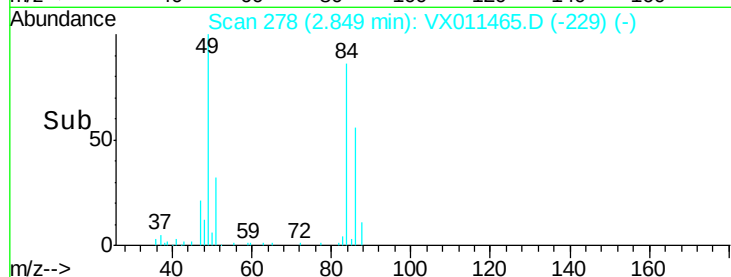
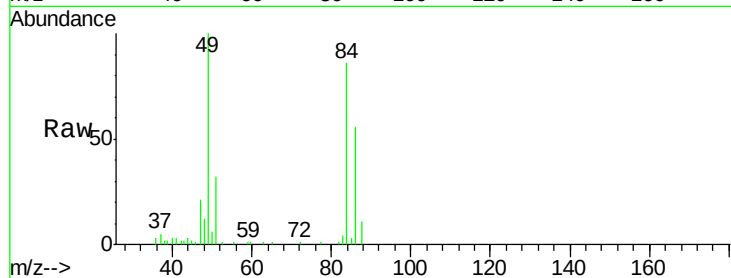
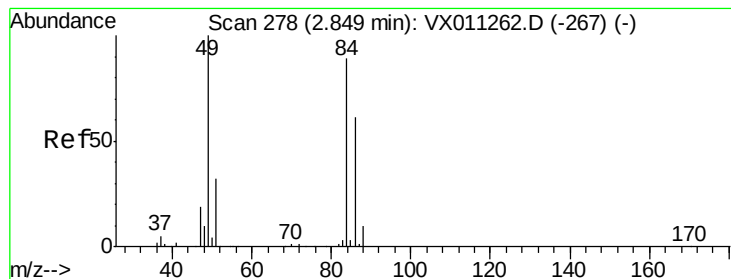
Tot Ion:168 Resp: 198985
Ion Ratio Lower Upper
168 100
99 52.4 38.5 57.7



#16
Acetone
Concen: 6.539 ug/l
RT: 2.43 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX011465.D
Acq: 12 Aug 2019 05:28

Tgt Ion: 43 Resp: 6237
Ion Ratio Lower Upper
43 100
58 32.2 27.4 41.0





#20

Methylene Chloride

Concen: 4.759 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011465.D

Acq: 12 Aug 2019 05:28

Instrument :

MSVOA_X

ClientSampleId :

HR-05-080919-A

Tot Ion: 84 Resp: 9941

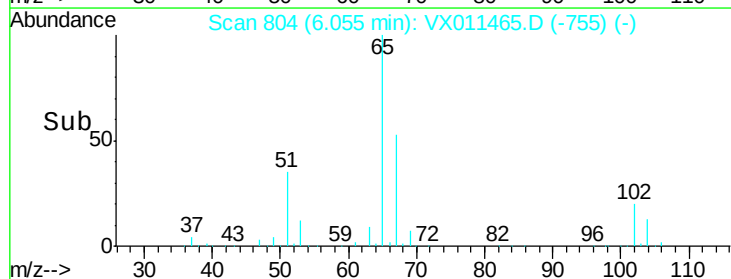
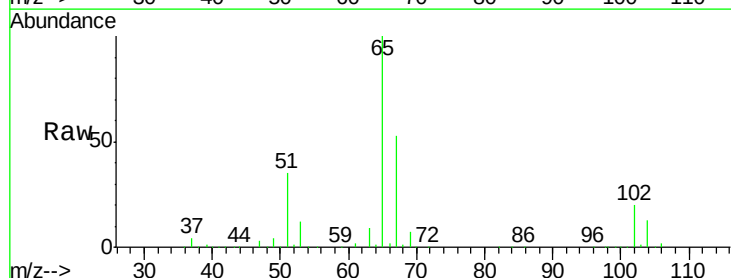
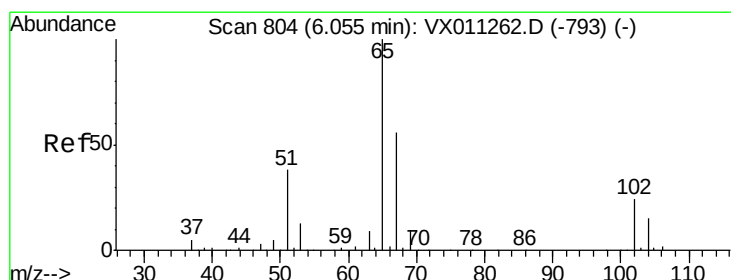
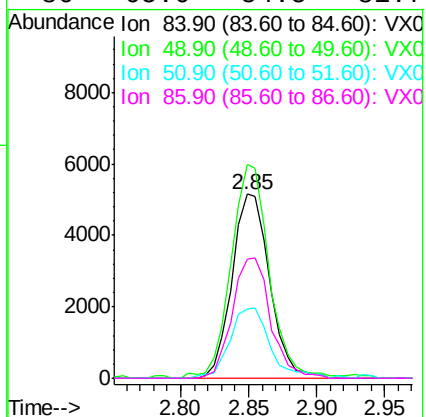
Ion Ratio Lower Upper

84 100

49 114.6 89.3 133.9

51 37.5 28.3 42.5

86 65.0 54.5 81.7



#33

1,2-Dichloroethane-d4

Concen: 53.844 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011465.D

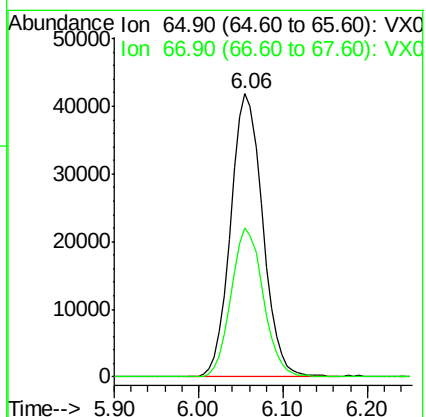
Acq: 12 Aug 2019 05:28

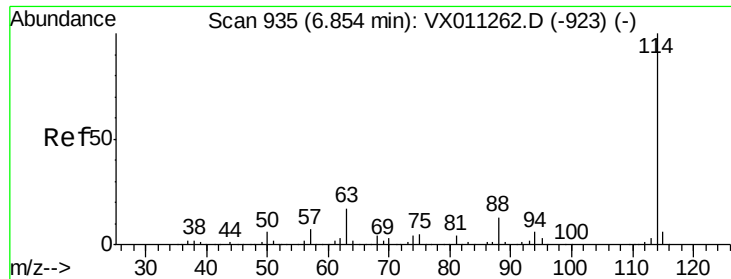
Tgt Ion: 65 Resp: 107898

Ion Ratio Lower Upper

65 100

67 52.6 0.0 110.6

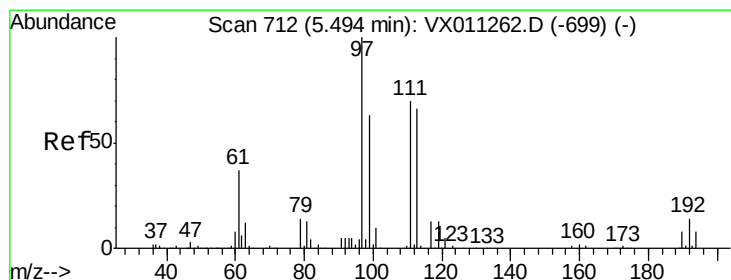
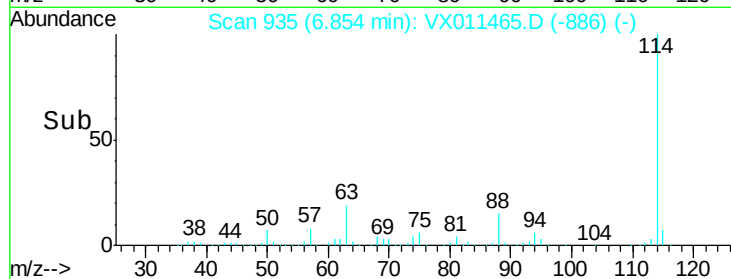
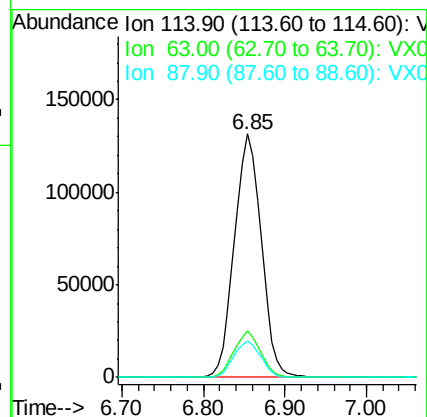
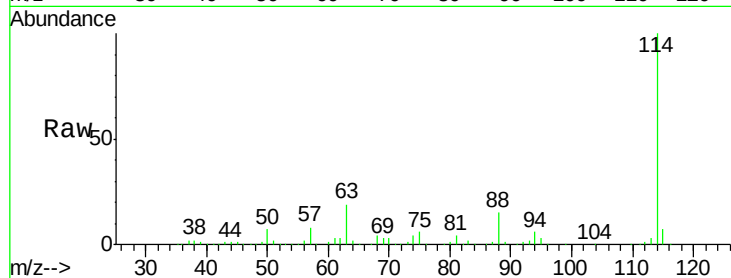




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011465.D
Acq: 12 Aug 2019 05:28

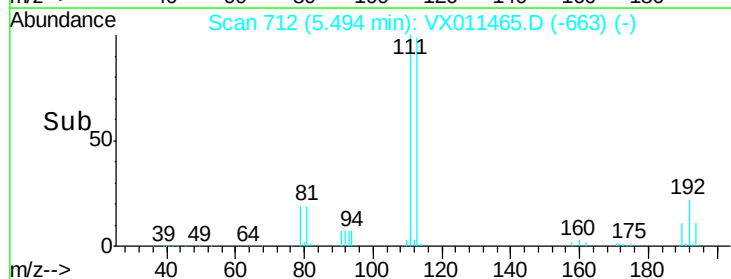
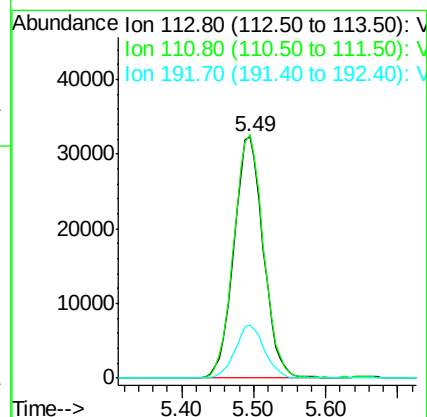
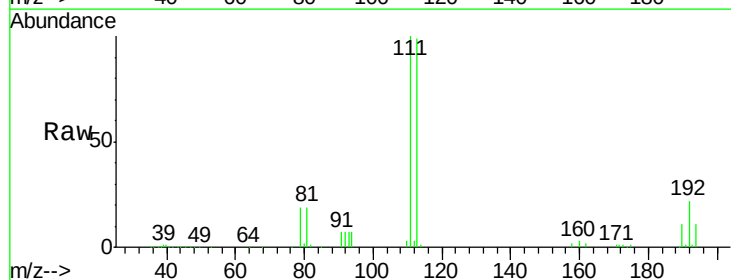
Instrument :
MSVOA_X
ClientSampleId :
HR-05-080919-A

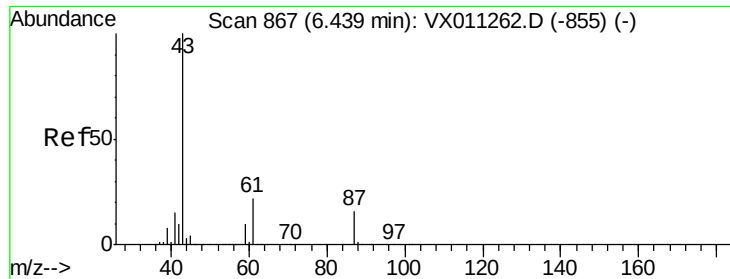
Tot Ion:114 Resp: 299986
Ion Ratio Lower Upper
114 100
63 18.9 0.0 34.0
88 14.9 0.0 26.4



#35
Dibromofluoromethane
Concen: 46.868 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011465.D
Acq: 12 Aug 2019 05:28

Tgt Ion:113 Resp: 91793
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 21.7 17.8 26.8





#43

Isopropyl Acetate

Concen: 1.748 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011465.D

Acq: 12 Aug 2019 05:28

Instrument :

MSVOA_X

ClientSampleId :

HR-05-080919-A

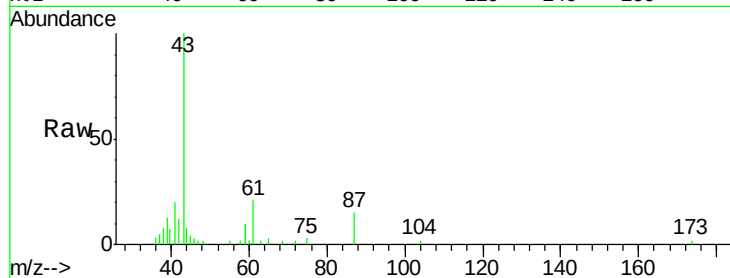
Tot Ion: 43 Resp: 7341

Ion Ratio Lower Upper

43 100

61 25.1 16.5 24.7#

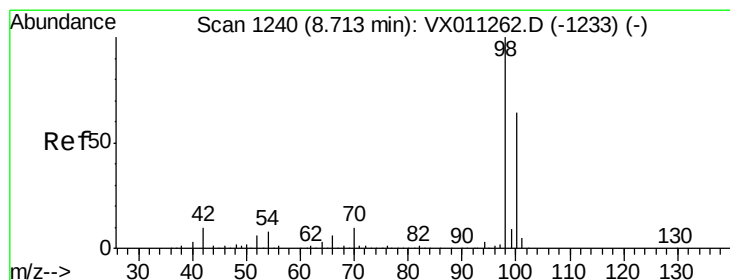
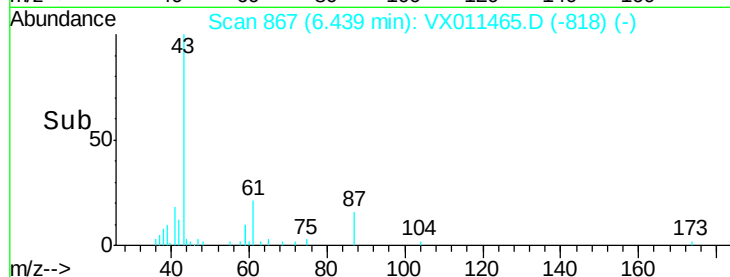
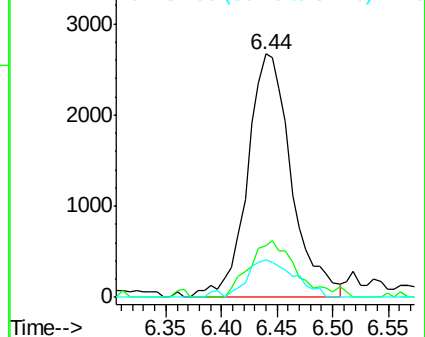
87 16.3 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 49.091 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011465.D

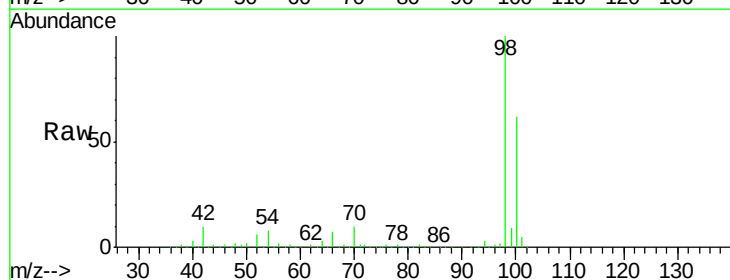
Acq: 12 Aug 2019 05:28

Tgt Ion: 98 Resp: 362923

Ion Ratio Lower Upper

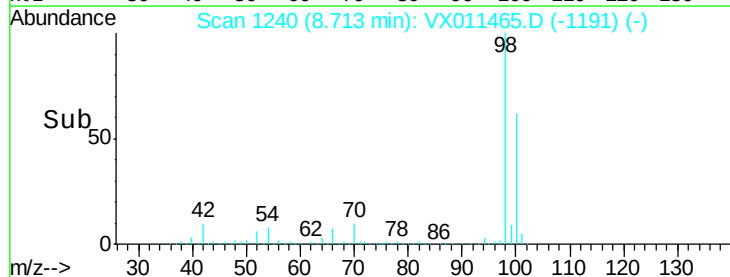
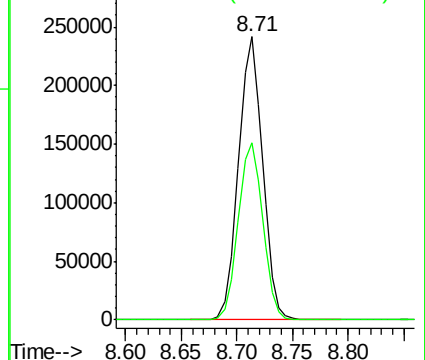
98 100

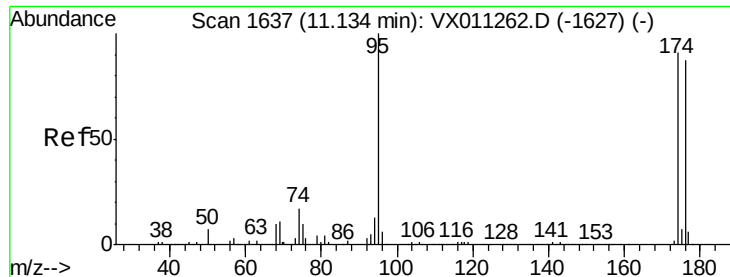
100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

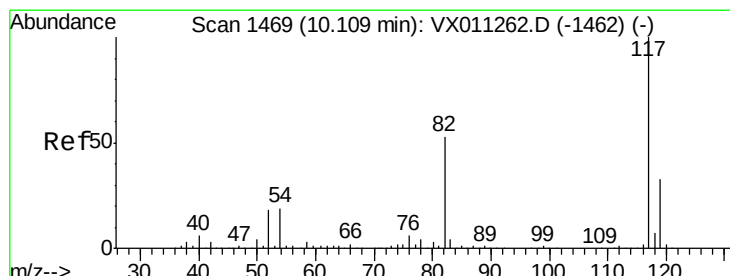
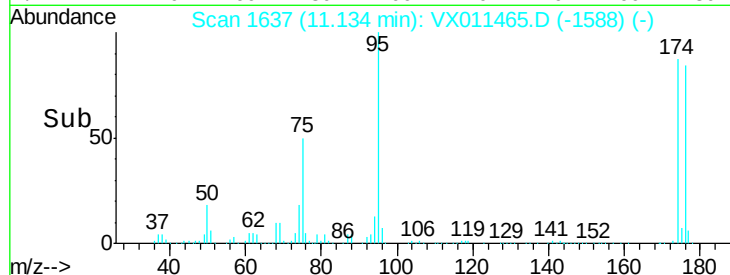
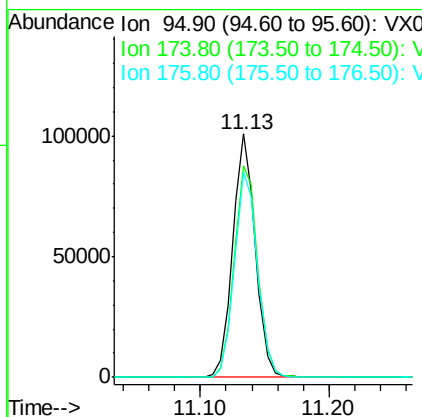
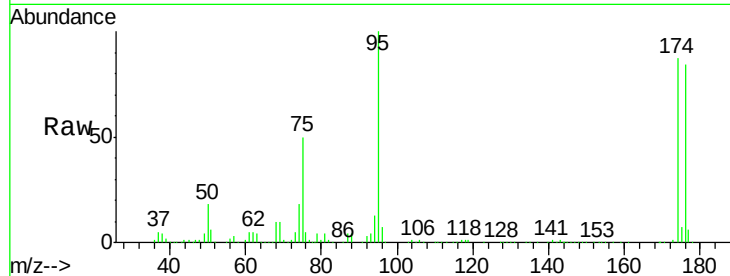




#62
4-Bromofluorobenzene
Concen: 46.678 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011465.D
Acq: 12 Aug 2019 05:28

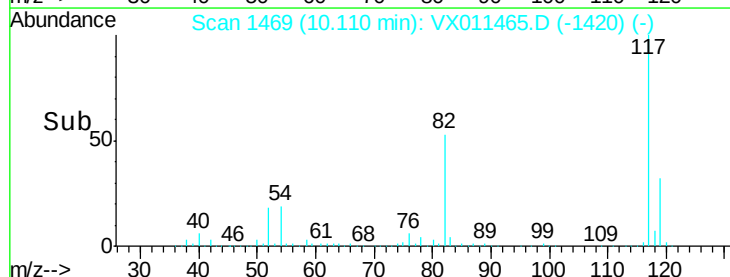
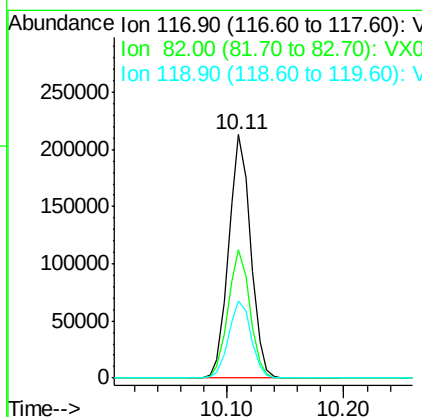
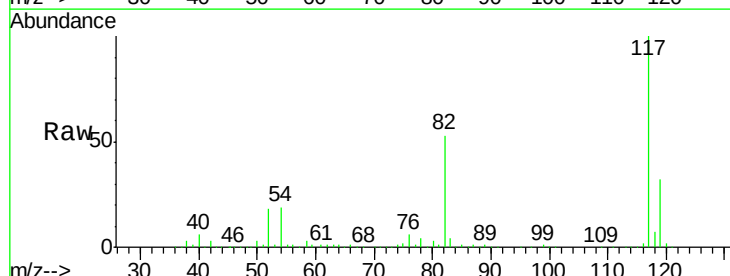
Instrument :
MSVOA_X
ClientSampled :
HR-05-080919-A

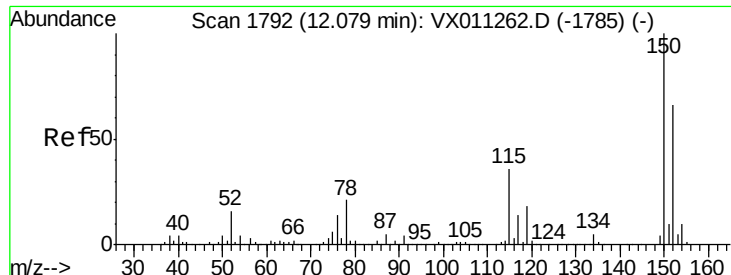
Tot Ion: 95 Resp: 123205
Ion Ratio Lower Upper
95 100
174 90.4 0.0 191.2
176 86.5 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011465.D
Acq: 12 Aug 2019 05:28

Tgt Ion: 117 Resp: 279592
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.2
119 32.0 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011465.D

Acq: 12 Aug 2019 05:28

Instrument :

MSVOA_X

ClientSampleId :

HR-05-080919-A

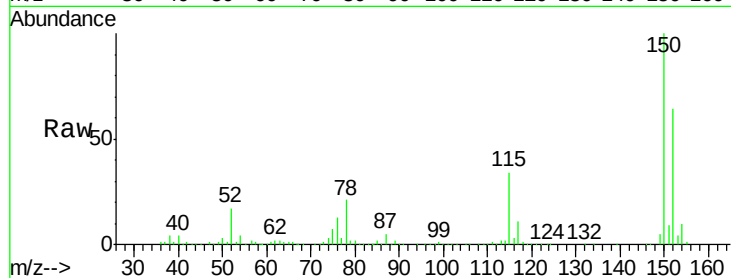
Tot Ion:152 Resp: 129627

Ion Ratio Lower Upper

152 100

115 56.6 40.0 119.9

150 158.1 0.0 350.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

