

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080719\
 Data File : VX011365.D
 Acq On : 07 Aug 2019 16:07
 Operator : JC/SP
 Sample : K4220-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB_080719

Quant Time: Aug 08 07:37:59 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	168498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	273402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122787	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	96586	56.92	ug/l	0.00
Spiked Amount			Recovery	=	113.84%	
35) Dibromofluoromethane	5.49	113	88871	49.79	ug/l	0.00
Spiked Amount			Recovery	=	99.58%	
50) Toluene-d8	8.71	98	332491	49.35	ug/l	0.00
Spiked Amount			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	11.13	95	117695	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	

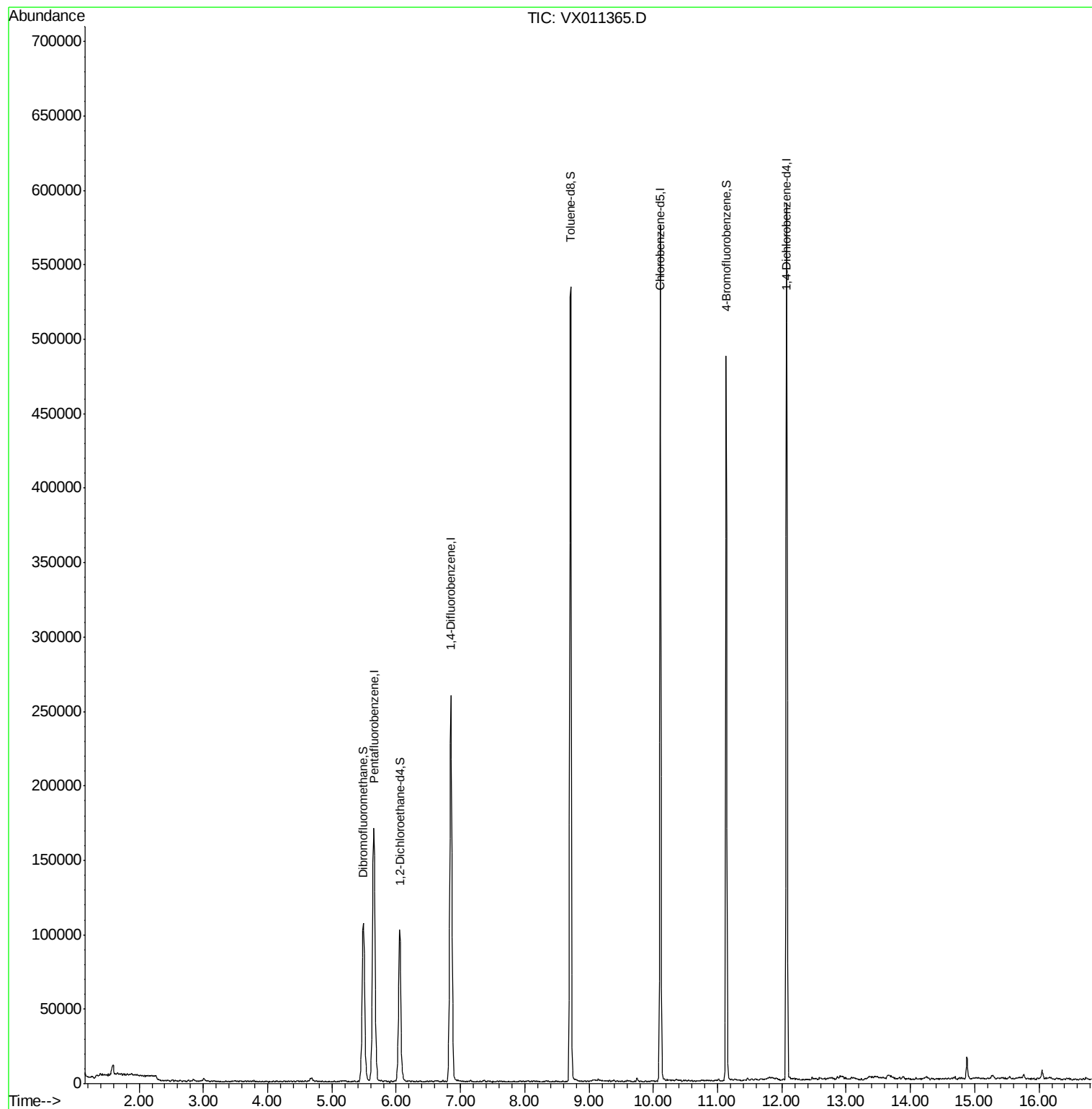
Target Compounds	Qvalue
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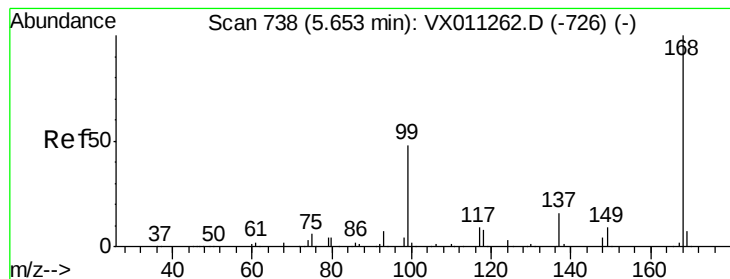
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
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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: VX011365.D

Acq: 07 Aug 2019 16:07

Instrument :

MSVOA_X

ClientSampleId :

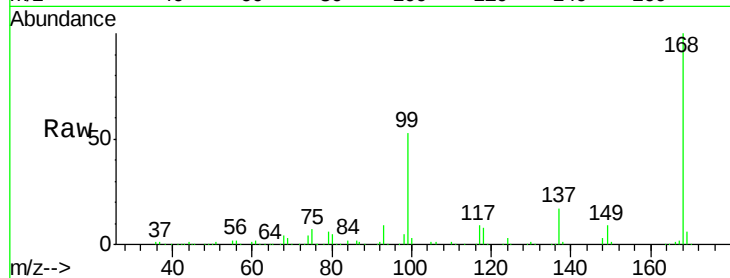
TB_080719

Tot Ion:168 Resp: 168498

Ion Ratio Lower Upper

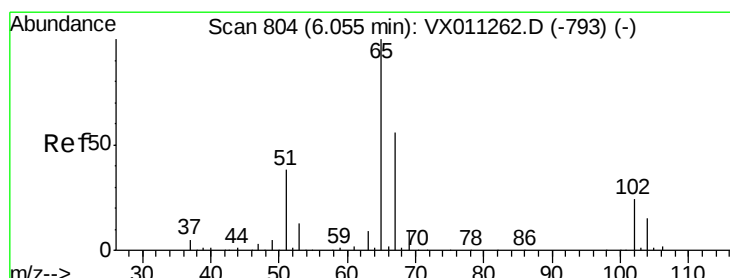
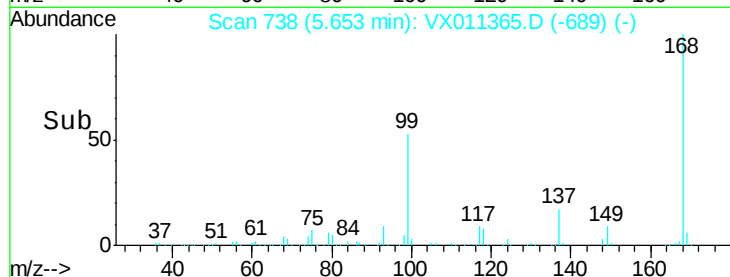
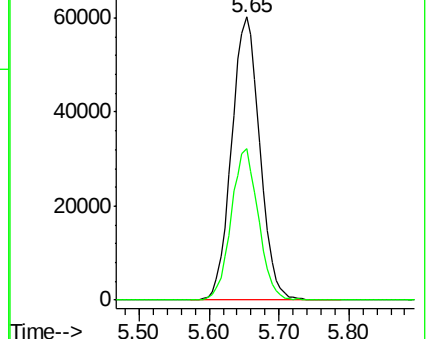
168 100

99 53.3 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 56.920 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011365.D

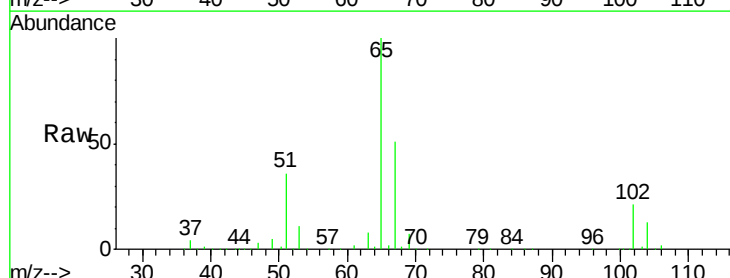
Acq: 07 Aug 2019 16:07

Tgt Ion: 65 Resp: 96586

Ion Ratio Lower Upper

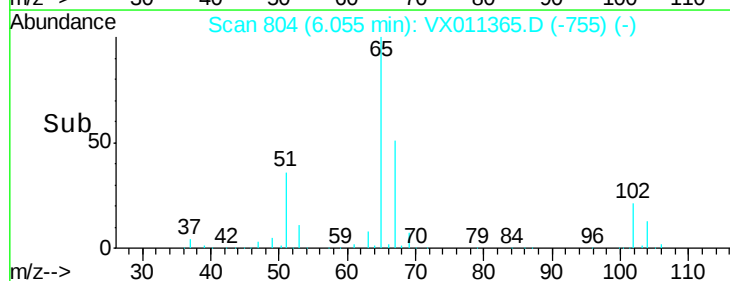
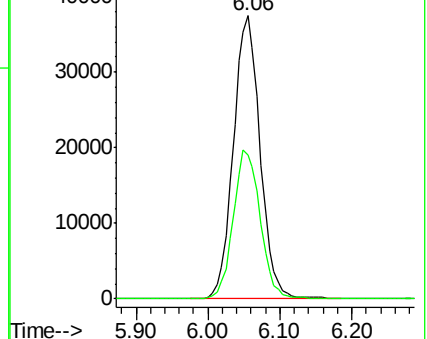
65 100

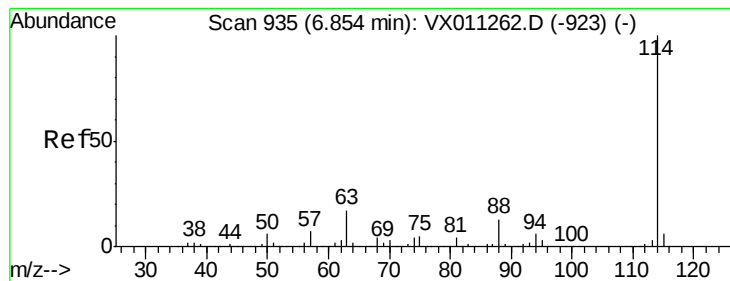
67 53.0 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011365.D

Acq: 07 Aug 2019 16:07

Instrument :

MSVOA_X

ClientSampleId :

TB_080719

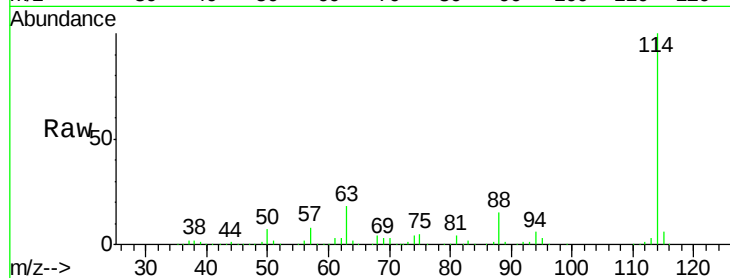
Tot Ion:114 Resp: 273402

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.0

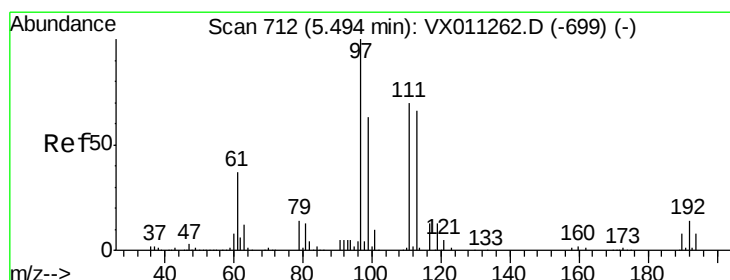
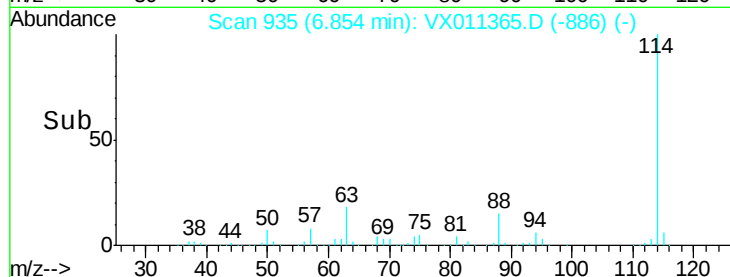
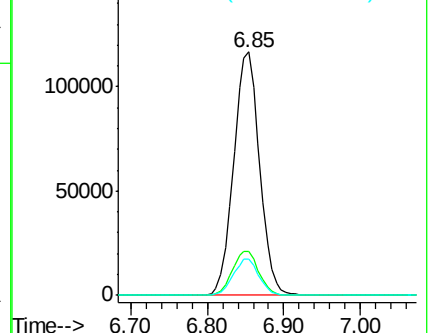
88 15.1 0.0 26.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.788 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011365.D

Acq: 07 Aug 2019 16:07

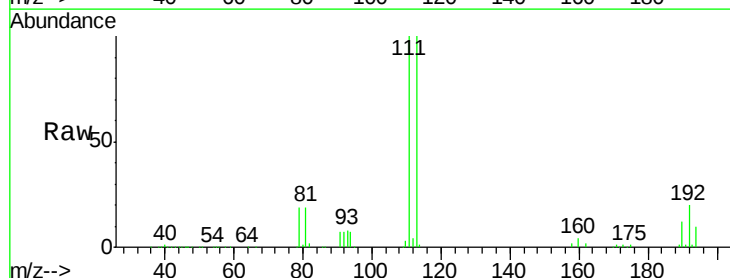
Tgt Ion:113 Resp: 88871

Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

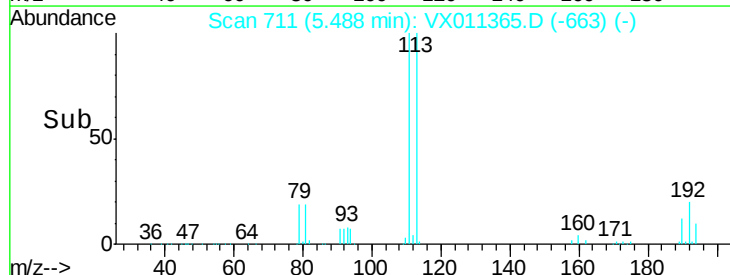
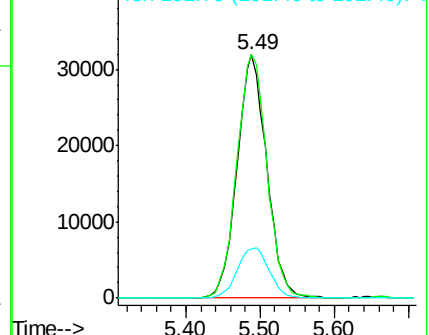
192 22.3 17.8 26.8

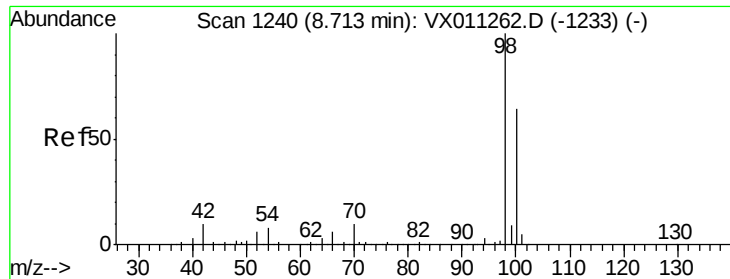


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

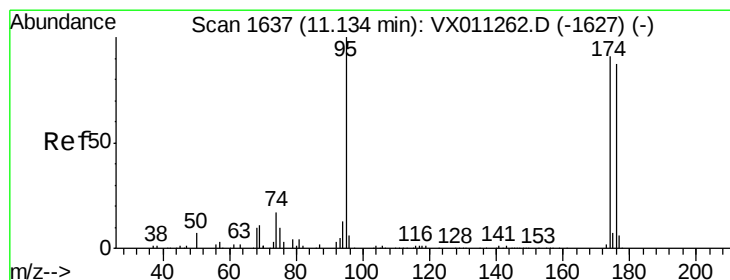
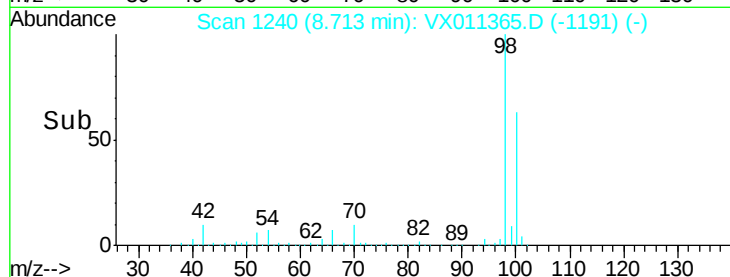
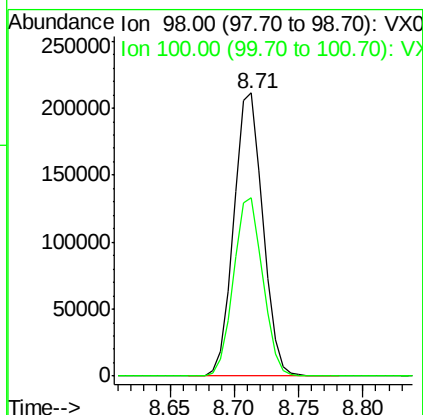
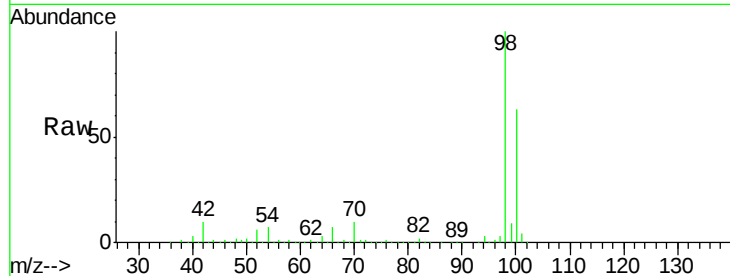




#50
Toluene-d8
Concen: 49.347 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011365.D
Acq: 07 Aug 2019 16:07

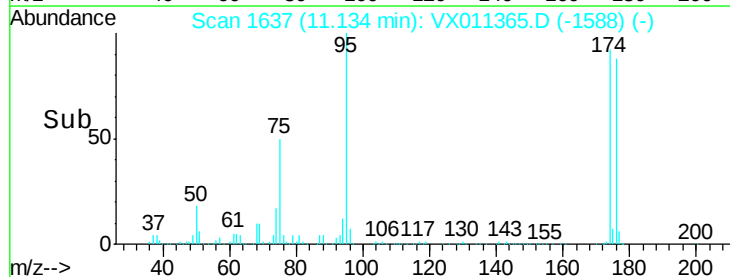
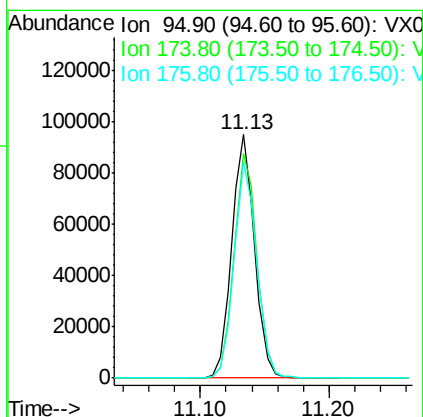
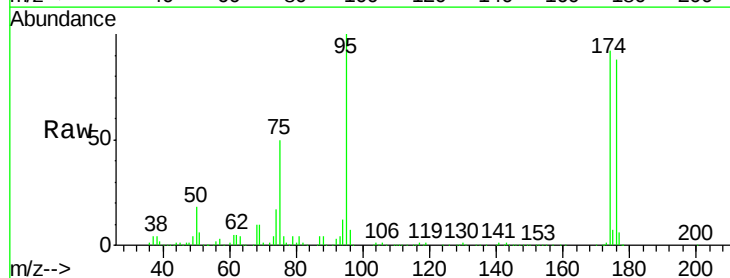
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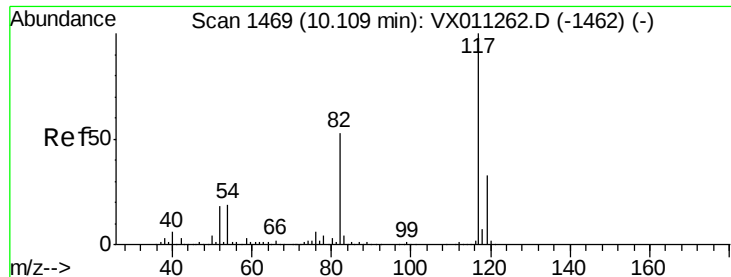
Tot Ion: 98 Resp: 332491
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 48.926 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011365.D
Acq: 07 Aug 2019 16:07

Tgt Ion: 95 Resp: 117695
Ion Ratio Lower Upper
95 100
174 92.6 0.0 191.2
176 88.3 0.0 184.8

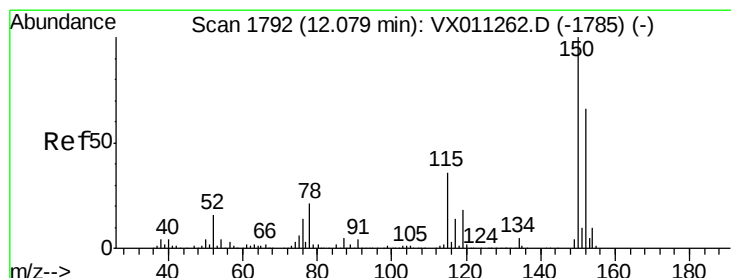
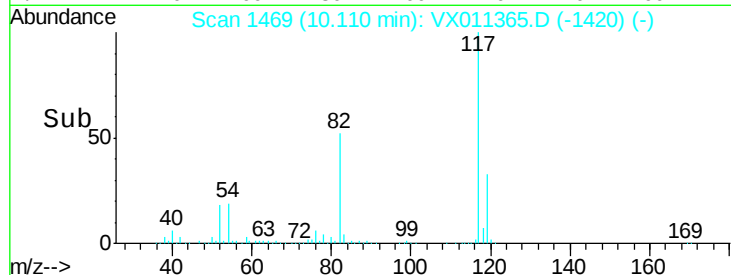
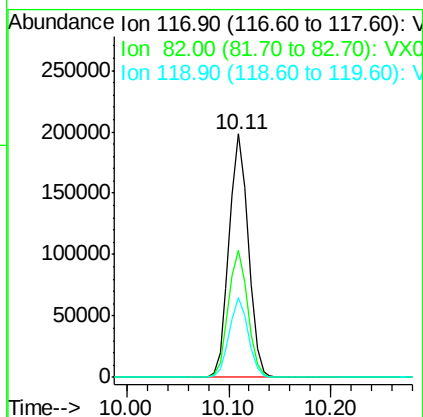
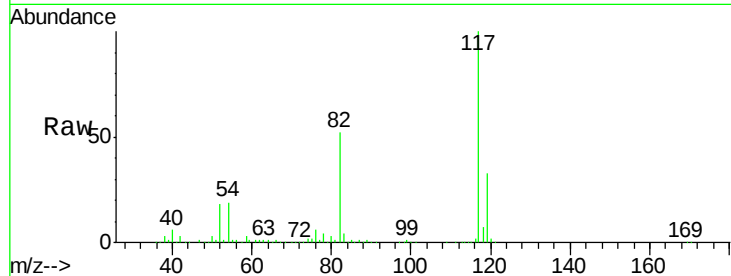




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011365.D
Acq: 07 Aug 2019 16:07

Instrument :
MSVOA_X
ClientSampled :
TB_080719

Tot Ion:117 Resp: 258179
Ion Ratio Lower Upper
117 100
82 52.0 42.2 63.2
119 32.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011365.D
Acq: 07 Aug 2019 16:07

Tgt Ion:152 Resp: 122787
Ion Ratio Lower Upper
152 100
115 55.8 40.0 119.9
150 154.6 0.0 350.4

