

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080919\
 Data File : VX011416.D
 Acq On : 09 Aug 2019 17:39
 Operator : JC/SP
 Sample : K4278-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0692

Quant Time: Aug 11 00:57:29 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

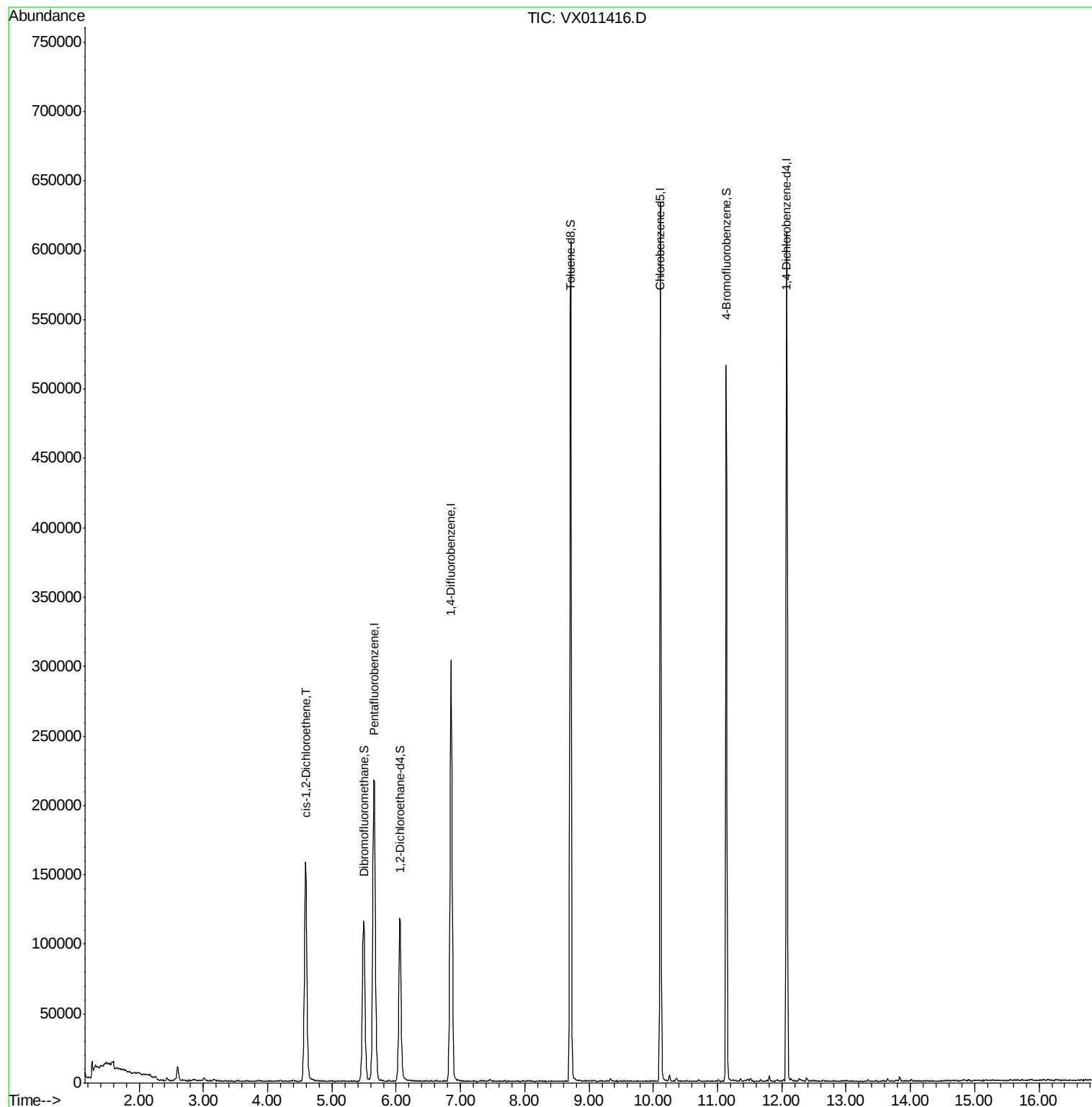
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	215172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	316544	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	131650	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	112836	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
35) Dibromofluoromethane	5.49	113	96283	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	
50) Toluene-d8	8.71	98	368410	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
62) 4-Bromofluorobenzene	11.13	95	123375	44.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.60%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	105825	44.365	ug/l	Qvalue 92

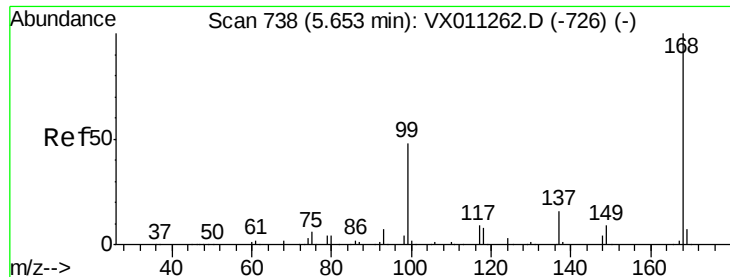
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011416.D

Acq: 09 Aug 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

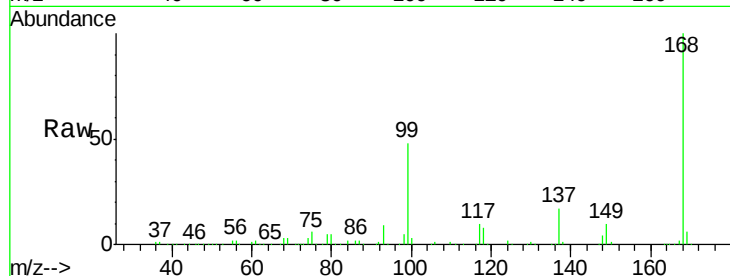
Z3-0692

Tot Ion:168 Resp: 215172

Ion Ratio Lower Upper

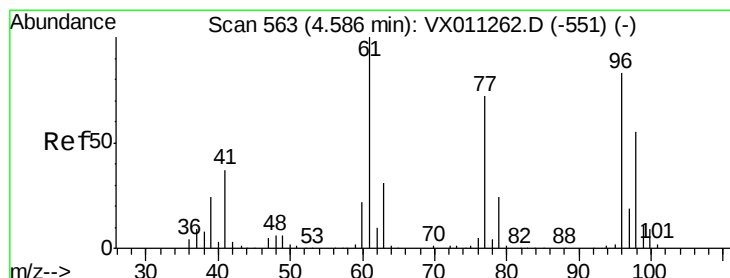
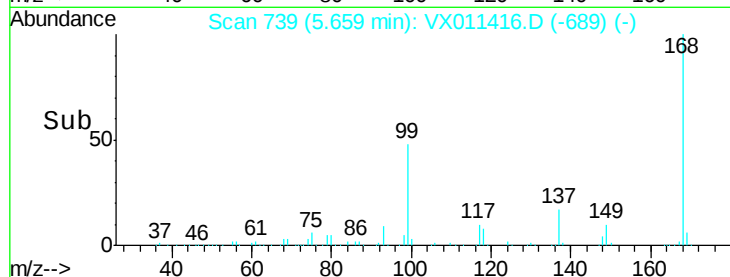
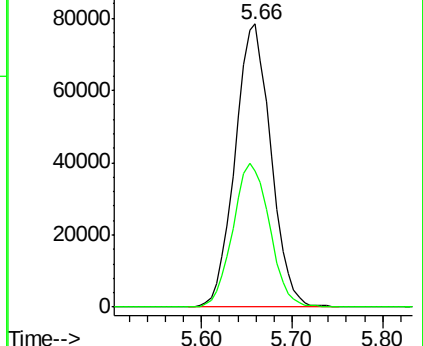
168 100

99 48.2 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 44.365 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX011416.D

Acq: 09 Aug 2019 17:39

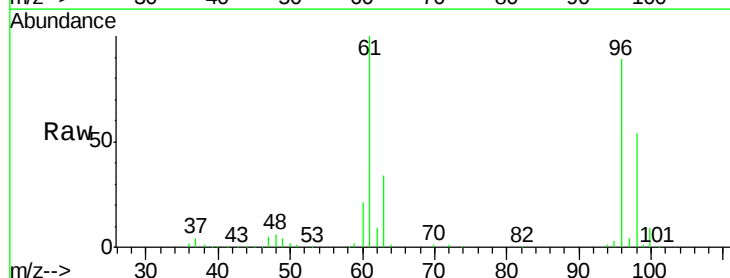
Tgt Ion: 96 Resp: 105825

Ion Ratio Lower Upper

96 100

61 117.1 0.0 260.2

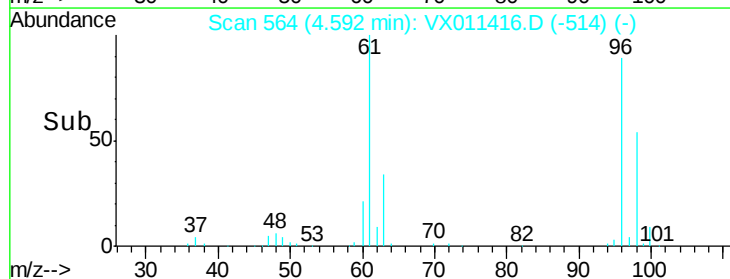
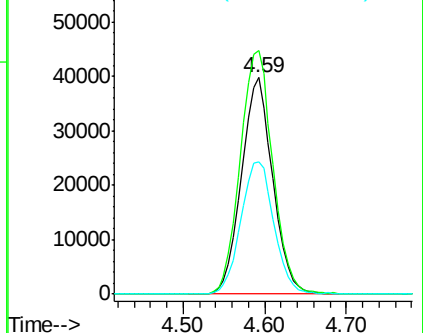
98 64.6 0.0 133.2

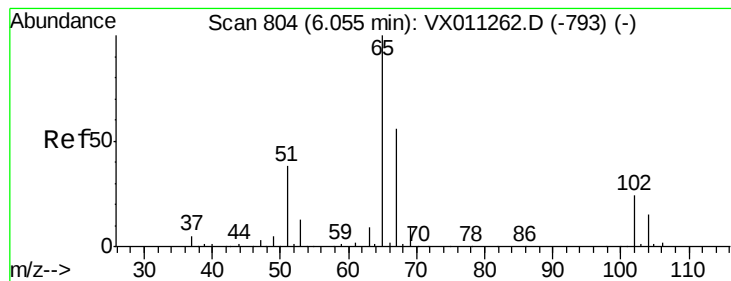


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.073 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011416.D

Acq: 09 Aug 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

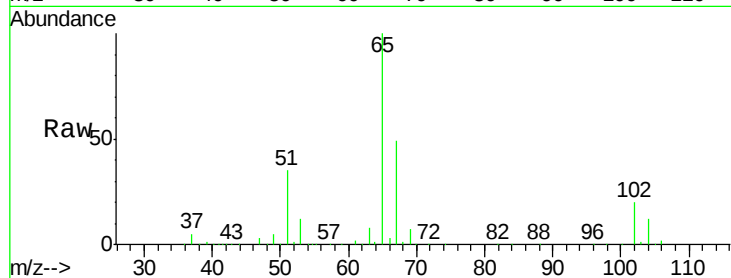
Z3-0692

Tot Ion: 65 Resp: 112836

Ion Ratio Lower Upper

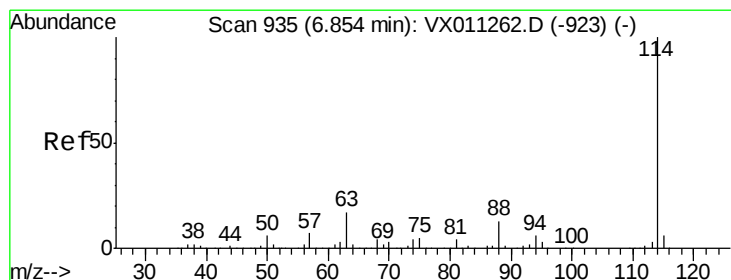
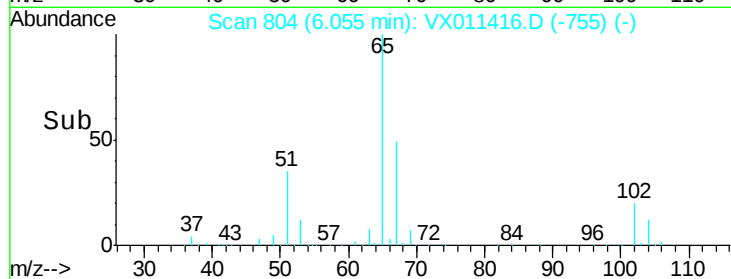
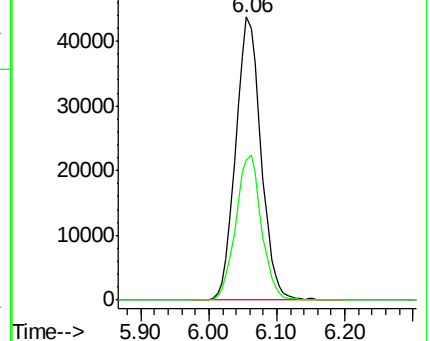
65 100

67 51.9 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: VX011416.D

Acq: 09 Aug 2019 17:39

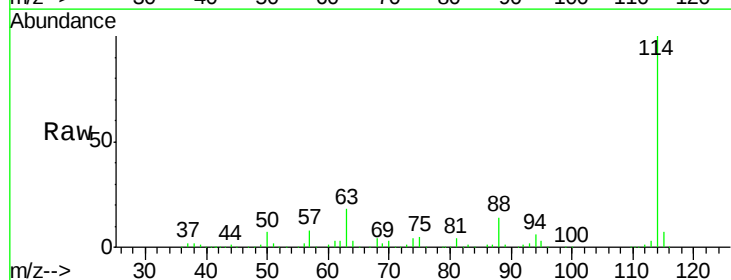
Tgt Ion: 114 Resp: 316544

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.0

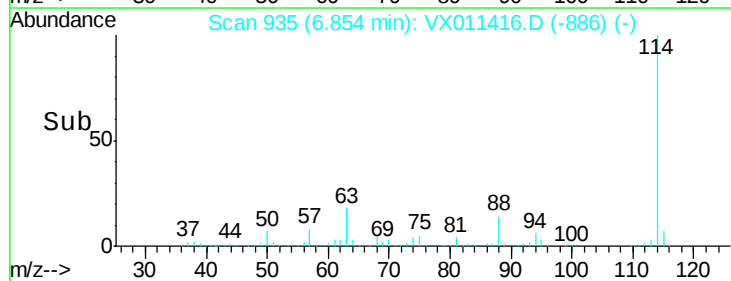
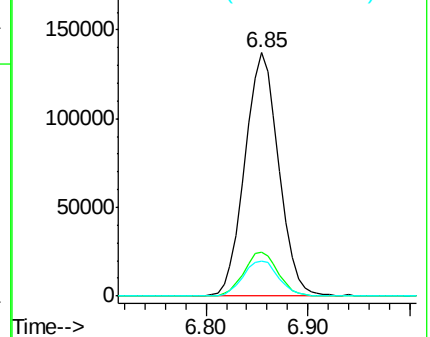
88 14.1 0.0 26.4

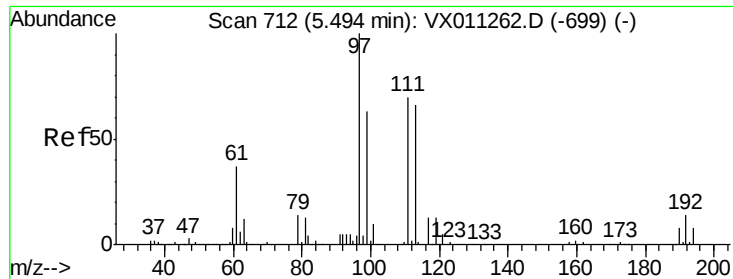


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

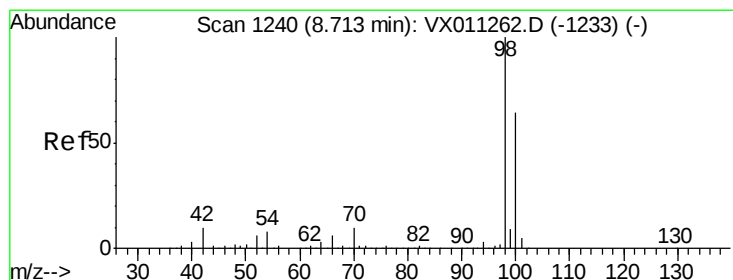
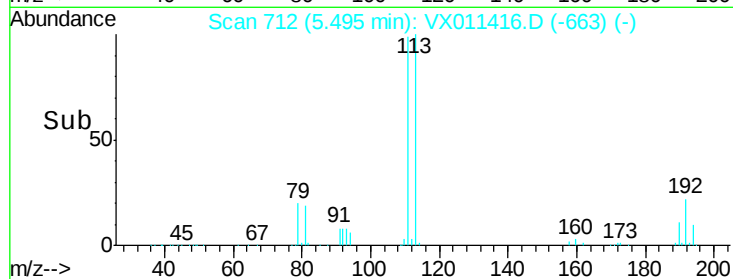
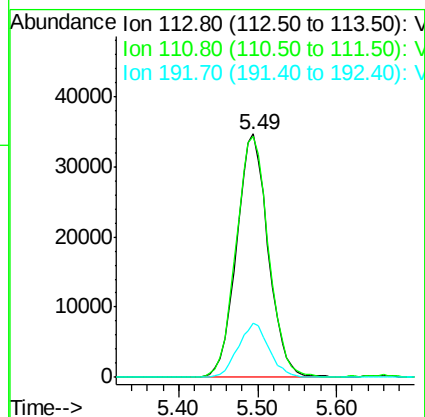
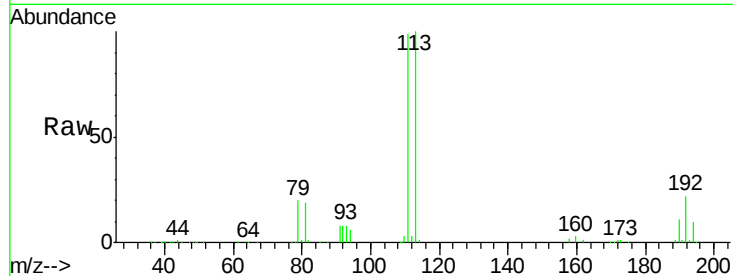




#35
 Dibromofluoromethane
 Concen: 46.589 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011416.D
 Acq: 09 Aug 2019 17:39

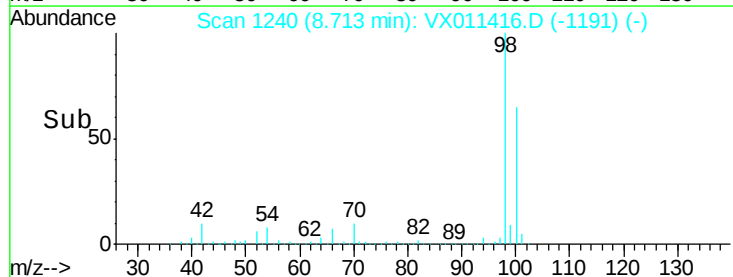
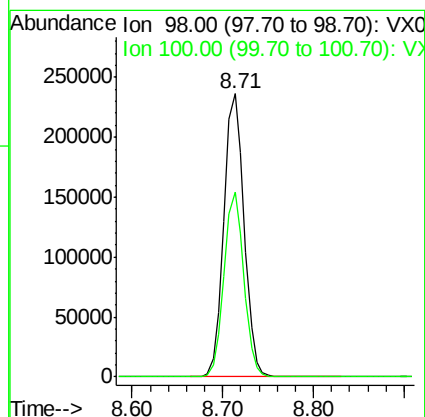
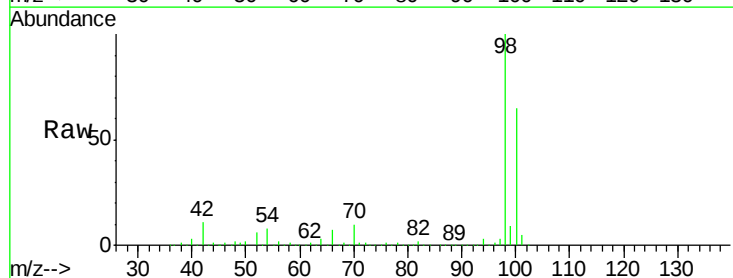
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0692

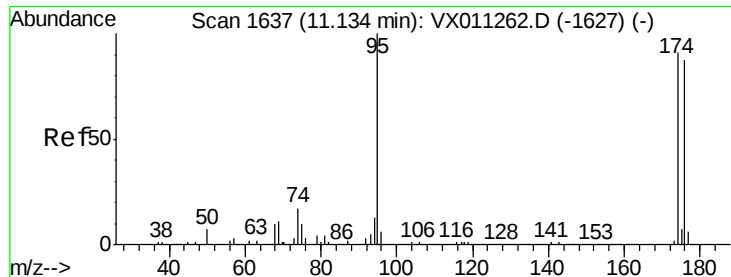
Tot Ion:113 Resp: 96283
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.9 122.9
 192 21.8 17.8 26.8



#50
 Toluene-d8
 Concen: 47.226 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011416.D
 Acq: 09 Aug 2019 17:39

Tgt Ion: 98 Resp: 368410
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.7 77.5

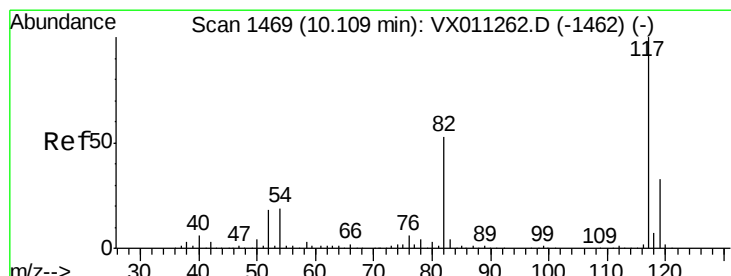
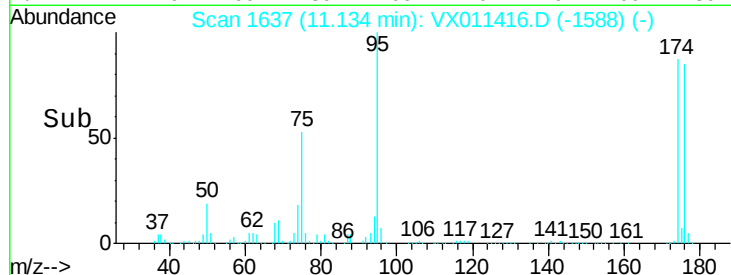
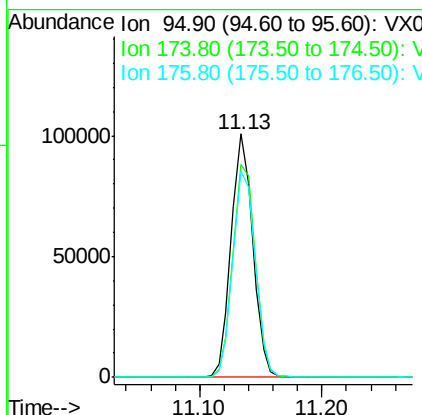
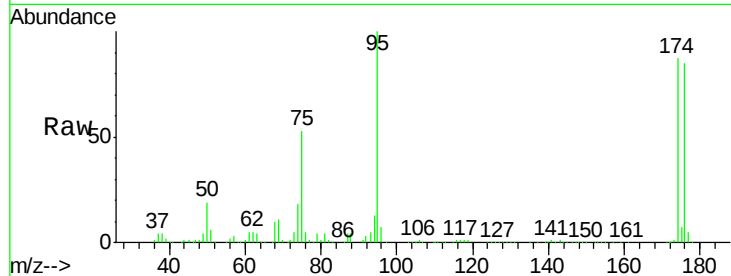




#62
4-Bromofluorobenzene
Concen: 44.297 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011416.D
Acq: 09 Aug 2019 17:39

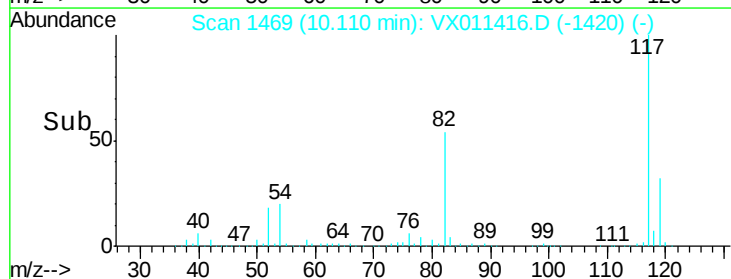
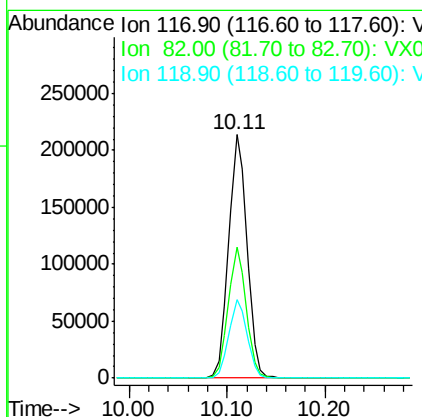
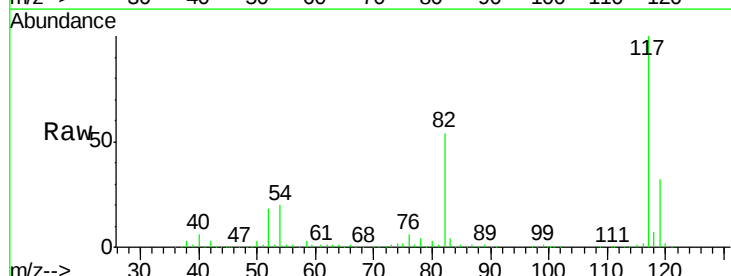
Instrument :
MSVOA_X
ClientSampleId :
Z3-0692

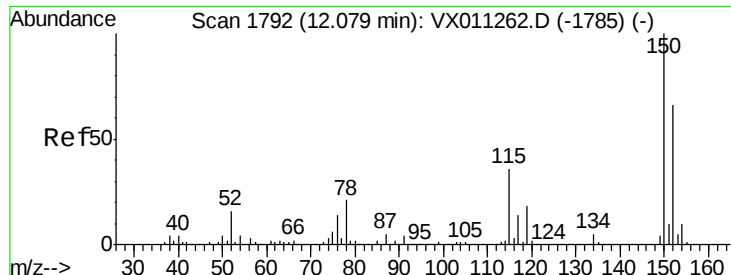
Tot Ion: 95 Resp: 123375
Ion Ratio Lower Upper
95 100
174 91.0 0.0 191.2
176 88.2 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011416.D
Acq: 09 Aug 2019 17:39

Tgt Ion: 117 Resp: 279367
Ion Ratio Lower Upper
117 100
82 53.8 42.2 63.2
119 32.4 26.6 39.8

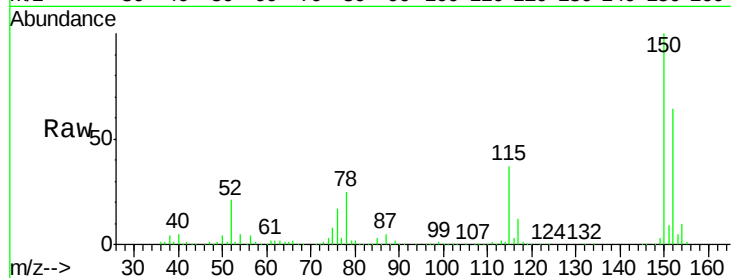




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX011416.D
 Acq: 09 Aug 2019 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0692

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.9	40.0	119.9
150	156.2	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

