

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080919\
 Data File : VX011418.D
 Acq On : 09 Aug 2019 18:26
 Operator : JC/SP
 Sample : K4278-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0699

Quant Time: Aug 11 01:01:13 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

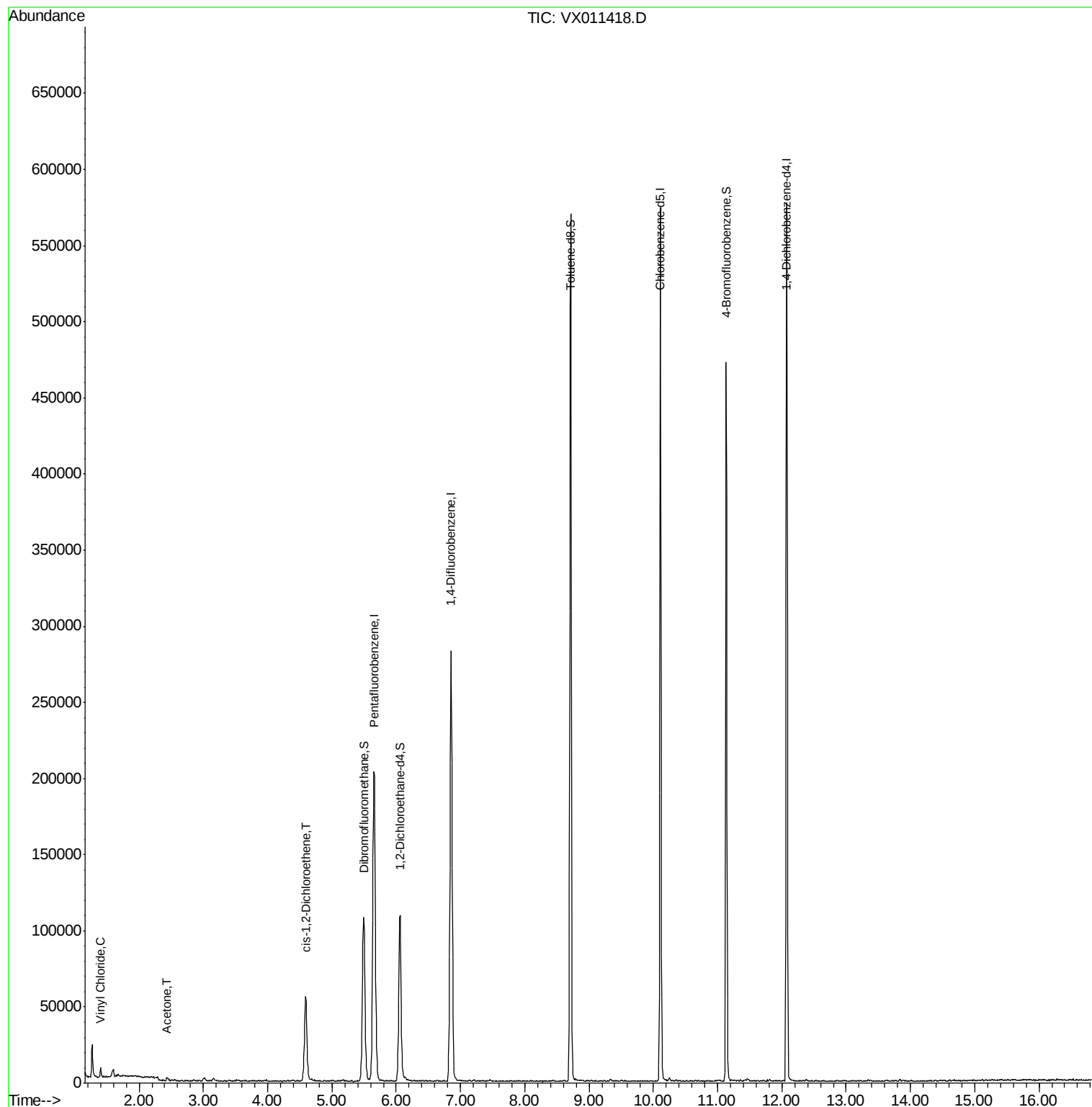
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	201638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	297421	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	105275	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
35) Dibromofluoromethane	5.49	113	88423	45.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.08%	
50) Toluene-d8	8.71	98	340172	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
62) 4-Bromofluorobenzene	11.13	95	113639	43.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.84%	
Target Compounds						
4) Vinyl Chloride	1.40	62	4034	2.097	ug/l	98
16) Acetone	2.43	43	2049	2.120	ug/l	90
27) cis-1,2-Dichloroethene	4.59	96	37192	16.638	ug/l	93

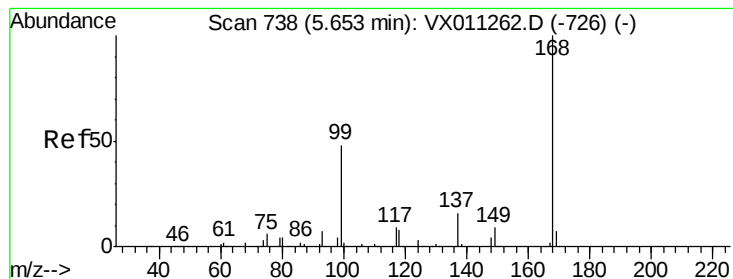
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011418.D

Acq: 09 Aug 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

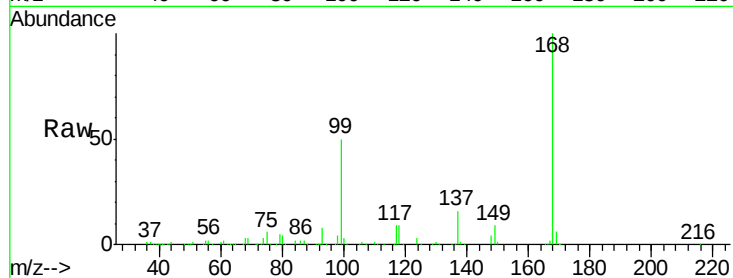
Z3-0699

Tot Ion:168 Resp: 201638

Ion Ratio Lower Upper

168 100

99 50.4 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

40000

20000

0

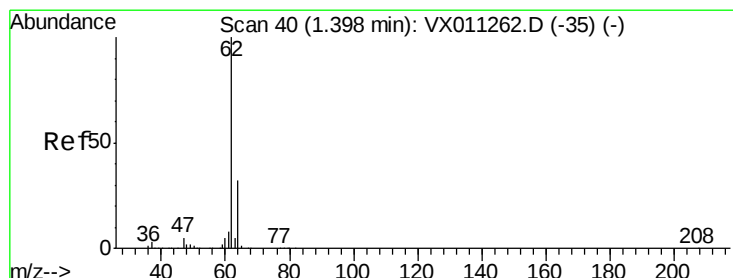
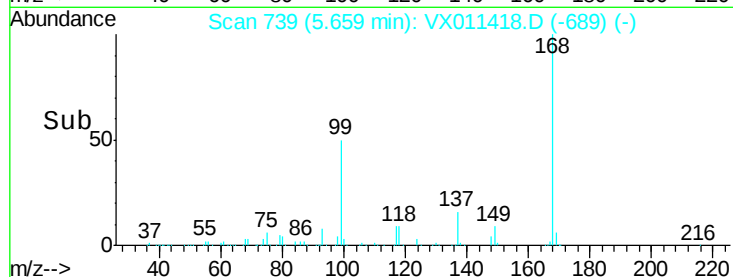
Time-->

5.50

5.60

5.70

5.80



#4

Vinyl Chloride

Concen: 2.097 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011418.D

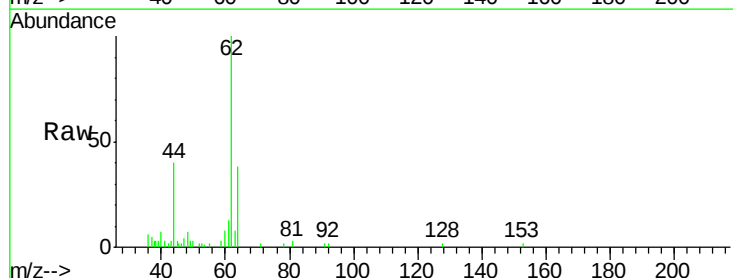
Acq: 09 Aug 2019 18:26

Tgt Ion: 62 Resp: 4034

Ion Ratio Lower Upper

62 100

64 33.6 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

4000

3000

2000

1000

0

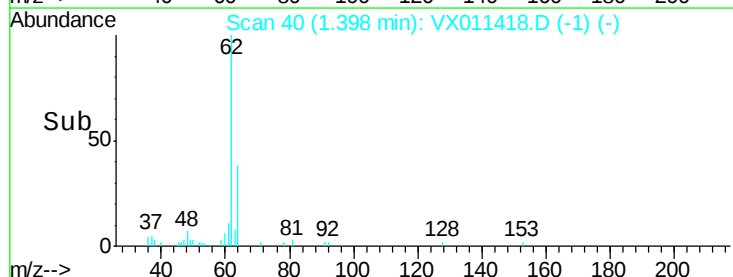
Time-->

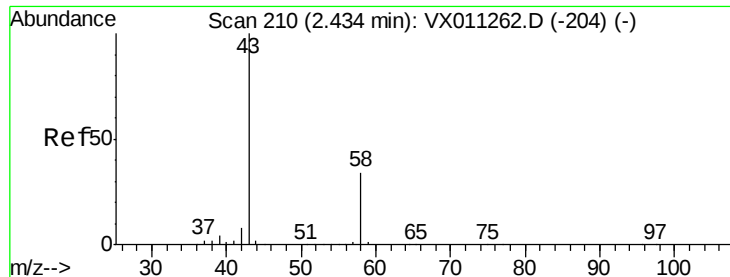
1.35

1.40

1.45

1.50





#16

Acetone

Concen: 2.120 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011418.D

Acq: 09 Aug 2019 18:26

Instrument :

MSVOA_X

ClientSampled :

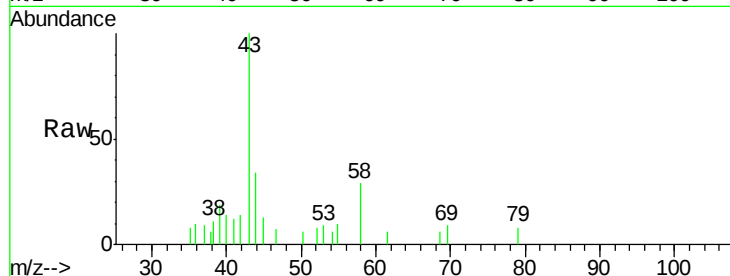
Z3-0699

Tot Ion: 43 Resp: 2049

Ion Ratio Lower Upper

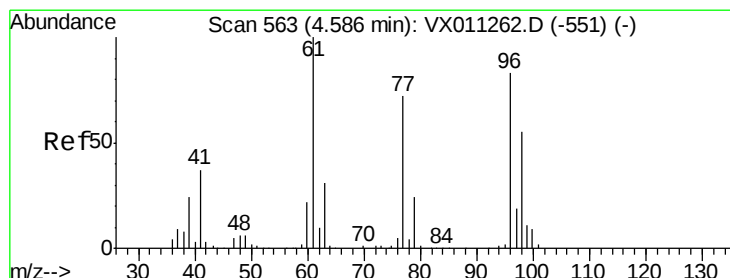
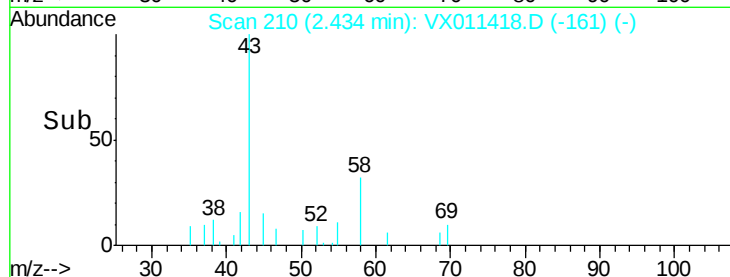
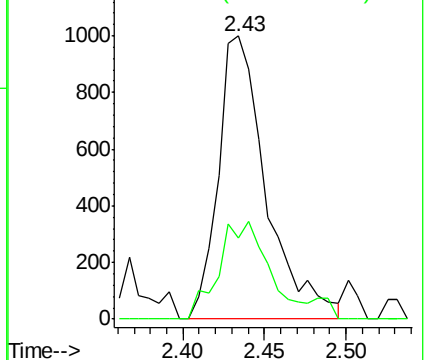
43 100

58 28.6 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 16.638 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX011418.D

Acq: 09 Aug 2019 18:26

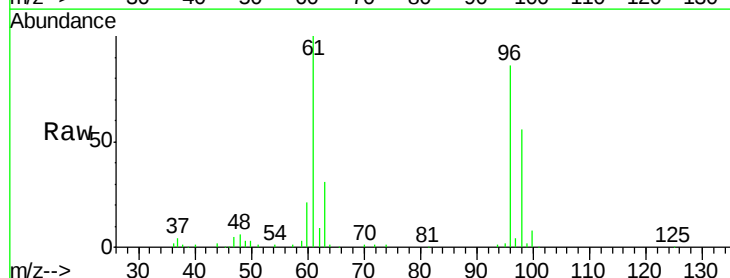
Tgt Ion: 96 Resp: 37192

Ion Ratio Lower Upper

96 100

61 118.8 0.0 260.2

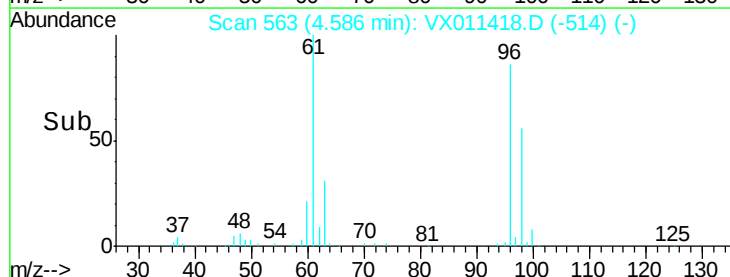
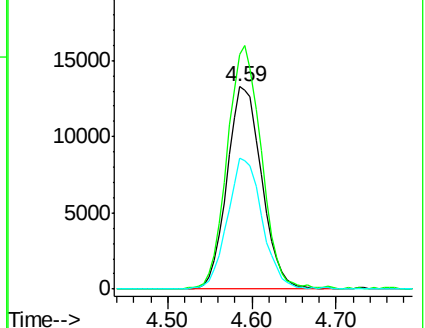
98 64.2 0.0 133.2

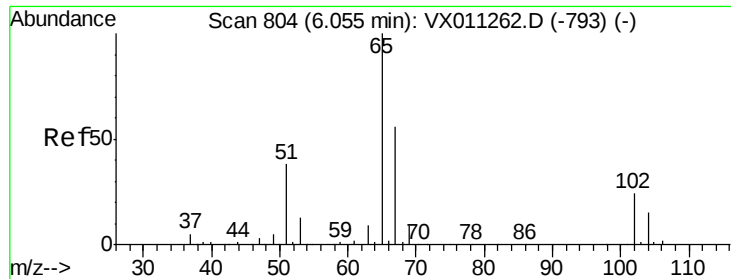


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

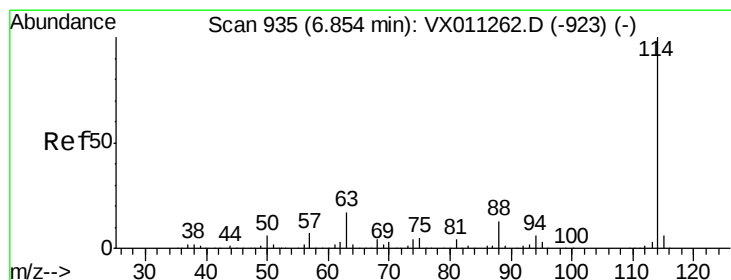
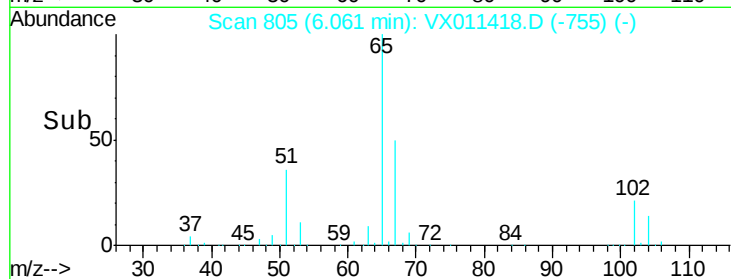
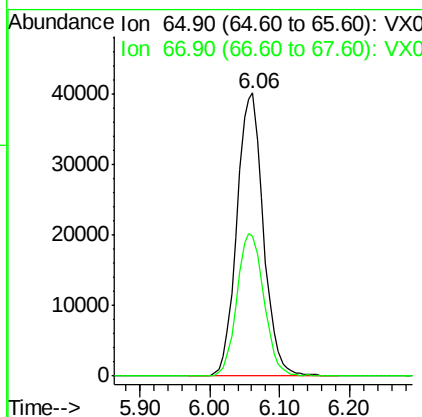
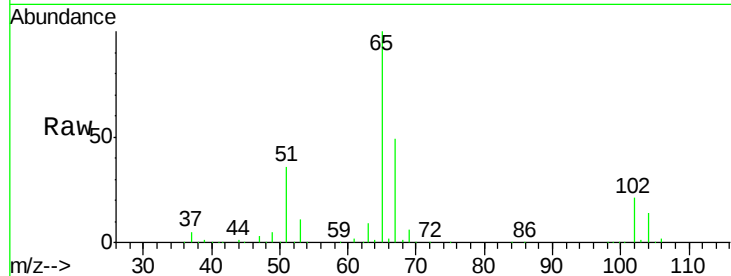




#33
 1,2-Dichloroethane-d4
 Concen: 51.844 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX011418.D
 Acq: 09 Aug 2019 18:26

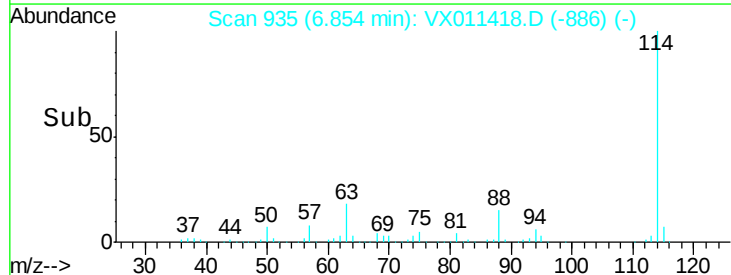
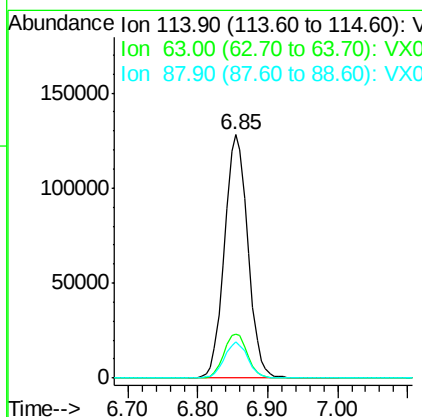
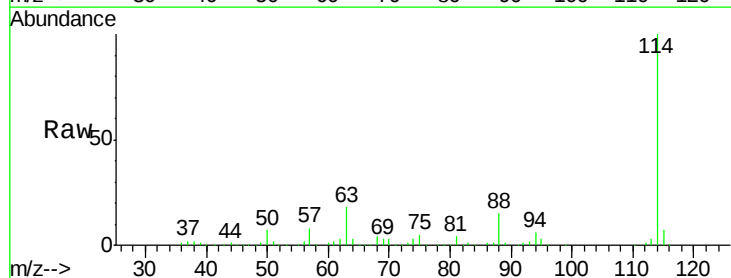
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0699

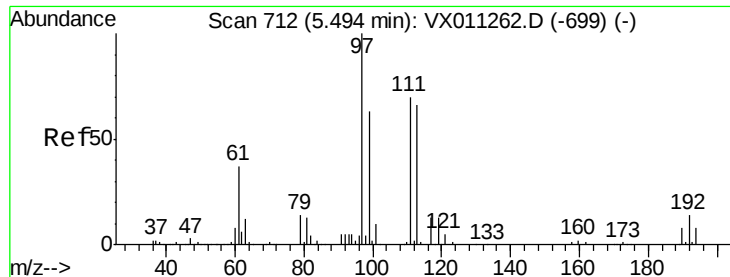
Tot Ion: 65 Resp: 105275
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011418.D
 Acq: 09 Aug 2019 18:26

Tgt Ion: 114 Resp: 297421
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 34.0
 88 14.7 0.0 26.4

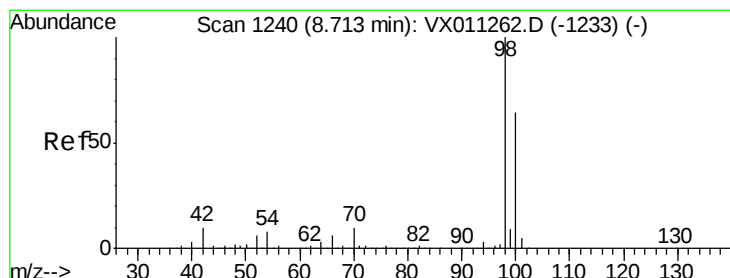
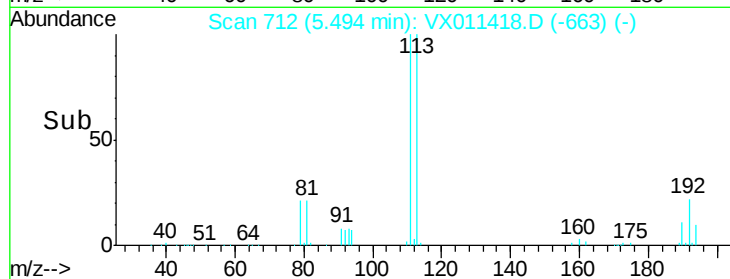
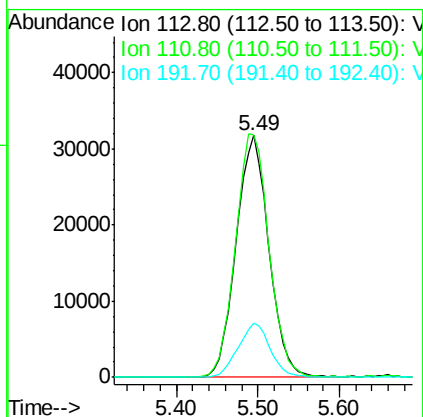
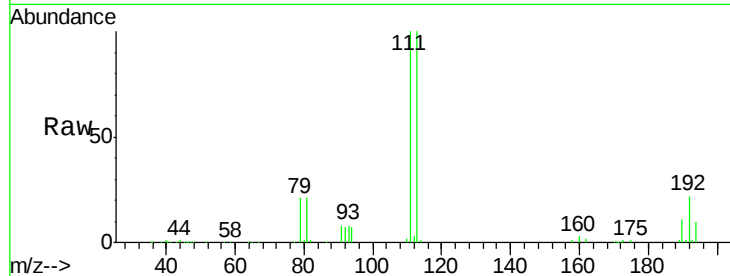




#35
 Dibromofluoromethane
 Concen: 45.537 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011418.D
 Acq: 09 Aug 2019 18:26

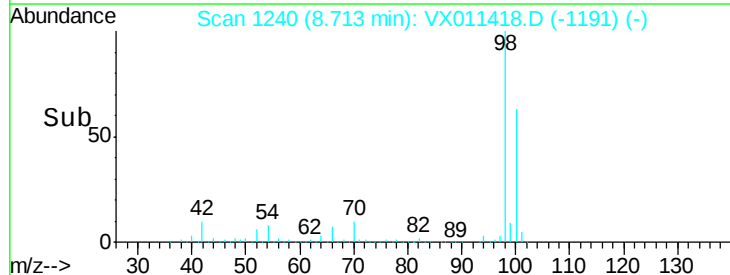
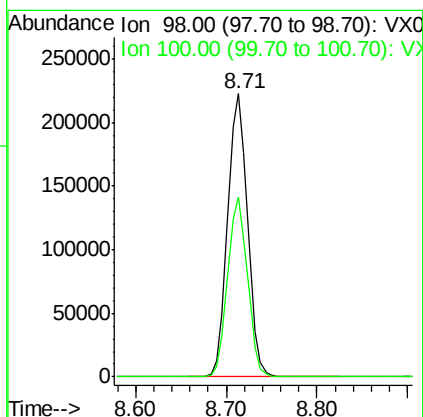
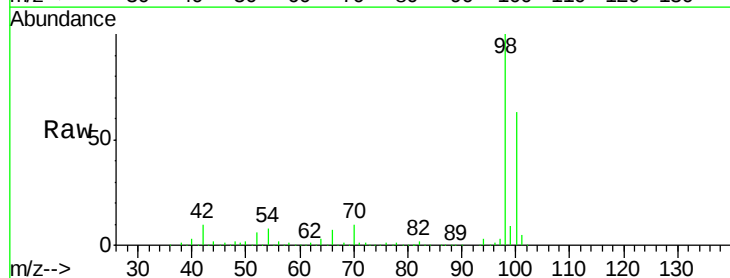
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0699

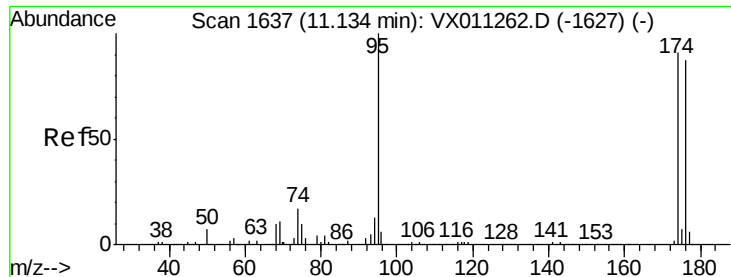
Tot Ion:113 Resp: 88423
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.9 122.9
 192 21.8 17.8 26.8



#50
 Toluene-d8
 Concen: 46.410 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011418.D
 Acq: 09 Aug 2019 18:26

Tgt Ion: 98 Resp: 340172
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.7 77.5

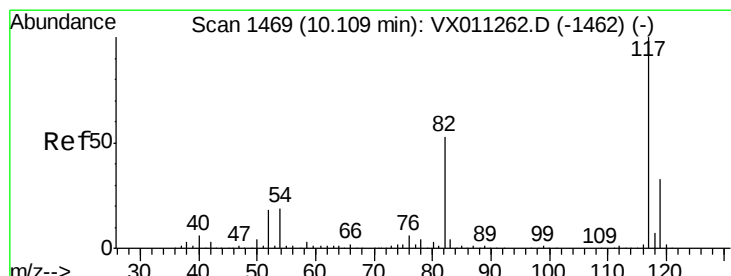
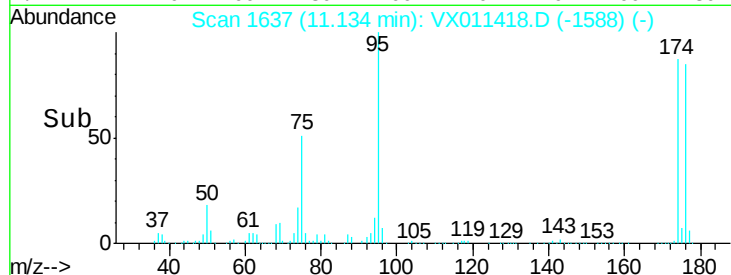
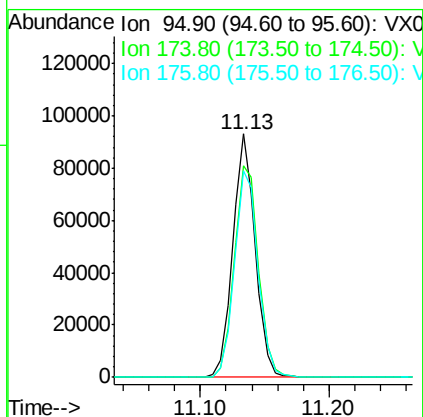
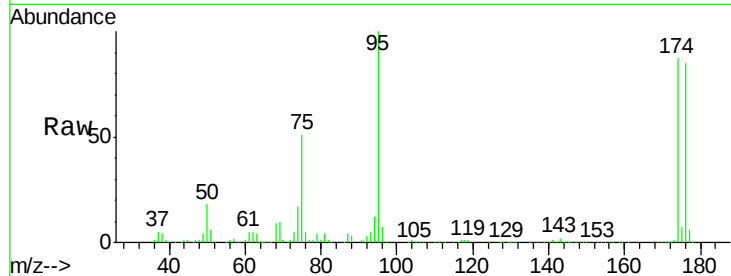




#62
4-Bromofluorobenzene
Concen: 43.425 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011418.D
Acq: 09 Aug 2019 18:26

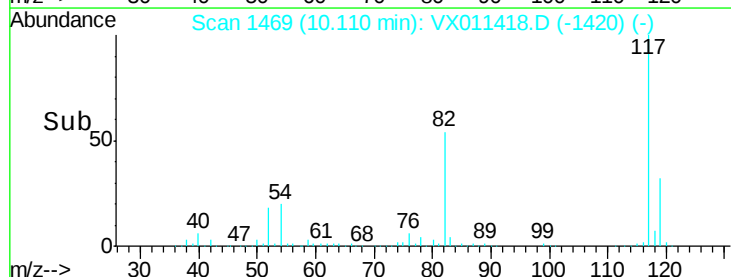
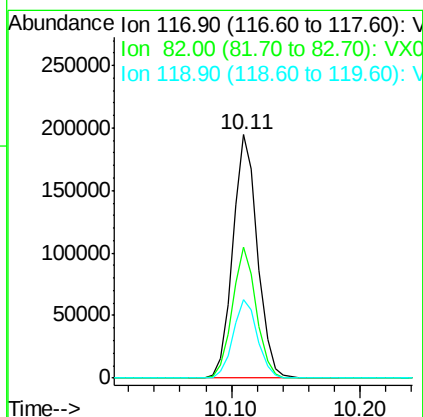
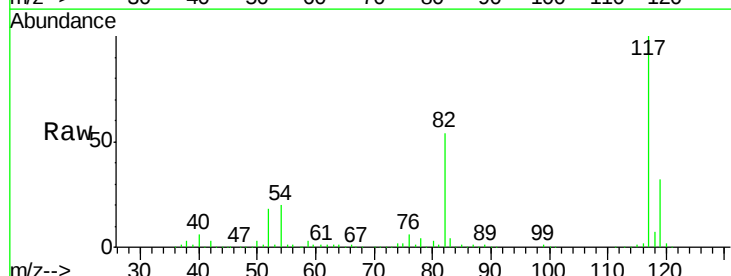
Instrument :
MSVOA_X
ClientSampleId :
Z3-0699

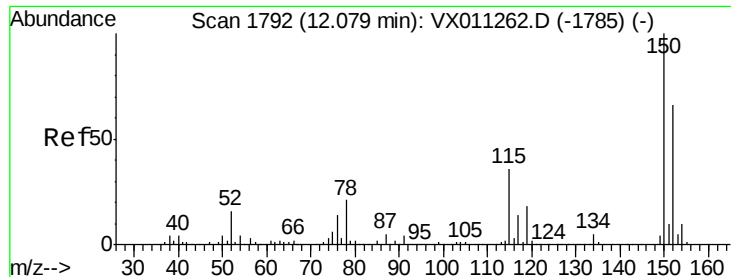
Tot Ion: 95 Resp: 113639
Ion Ratio Lower Upper
95 100
174 93.2 0.0 191.2
176 89.1 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011418.D
Acq: 09 Aug 2019 18:26

Tgt Ion: 117 Resp: 258826
Ion Ratio Lower Upper
117 100
82 53.8 42.2 63.2
119 32.2 26.6 39.8

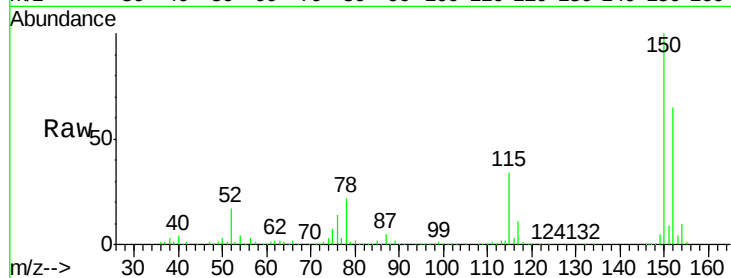




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX011418.D
 Acq: 09 Aug 2019 18:26

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0699

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.6	40.0	119.9
150	155.7	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

