

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080219\
 Data File : VX011316.D
 Acq On : 02 Aug 2019 19:37
 Operator : JC/SP
 Sample : K4119-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0689

Quant Time: Aug 03 07:14:02 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

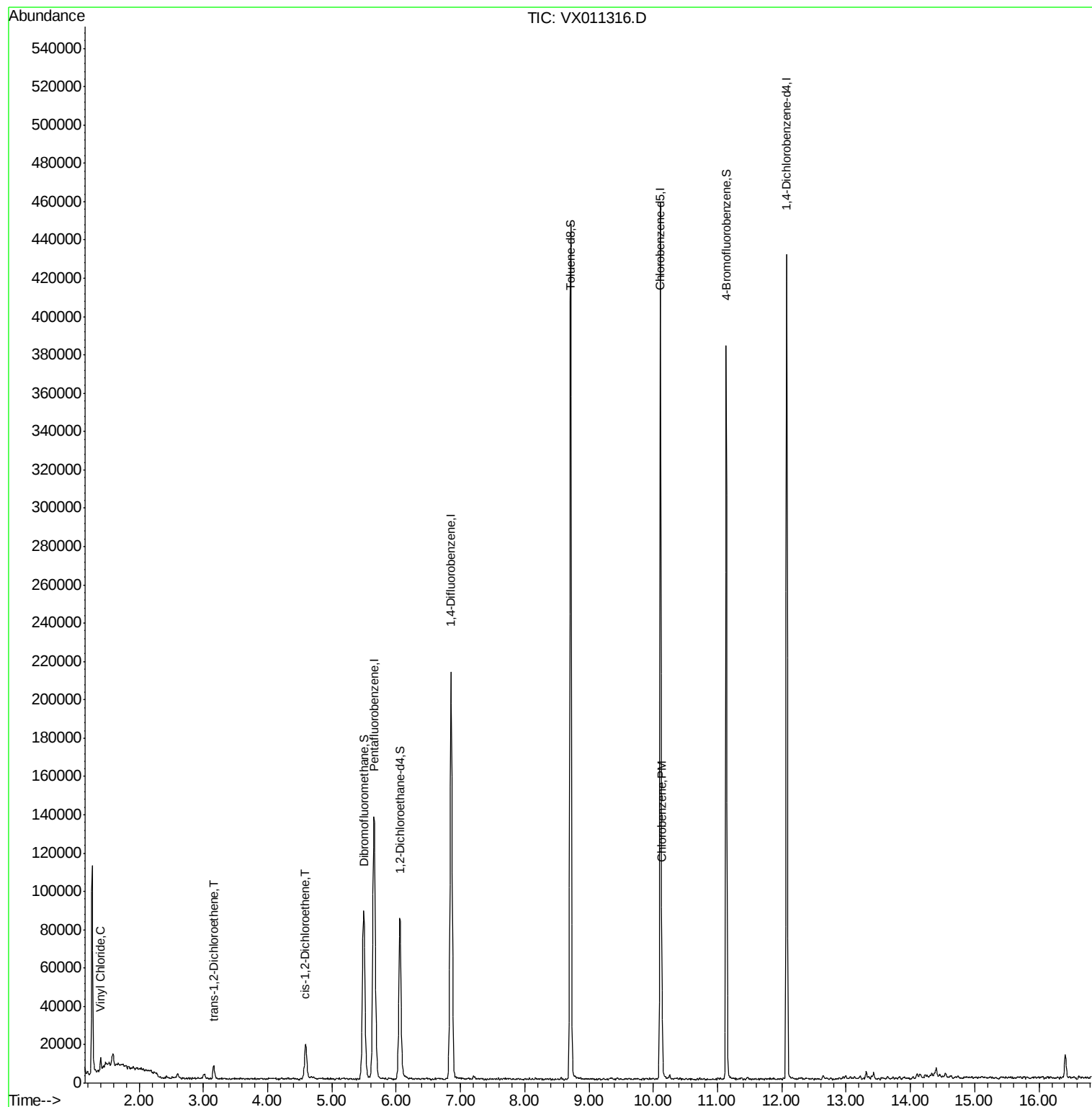
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	137458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	224213	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	209760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	94406	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	76196	55.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.08%	
35) Dibromofluoromethane	5.49	113	72557	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
50) Toluene-d8	8.71	98	271455	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
62) 4-Bromofluorobenzene	11.13	95	91270	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.52%	
Target Compounds						
4) Vinyl Chloride	1.40	62	3991	3.043	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	2811	2.125	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	12062	7.916	ug/l	94
65) Chlorobenzene	10.13	112	13865	3.083	ug/l	96

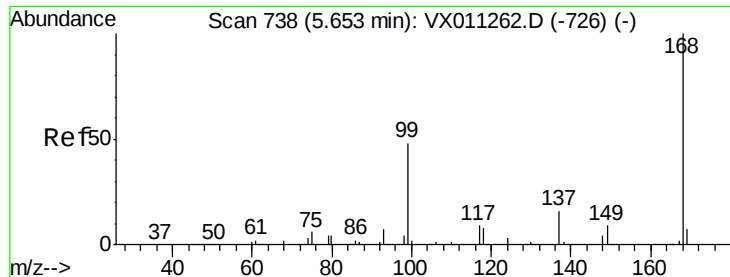
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX011316.D

Acq: 02 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

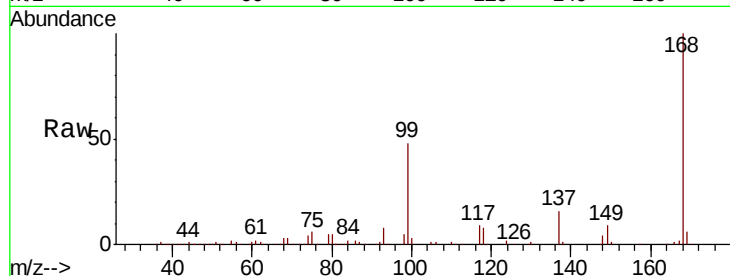
Z3-0689

Tot Ion:168 Resp: 137458

Ion Ratio Lower Upper

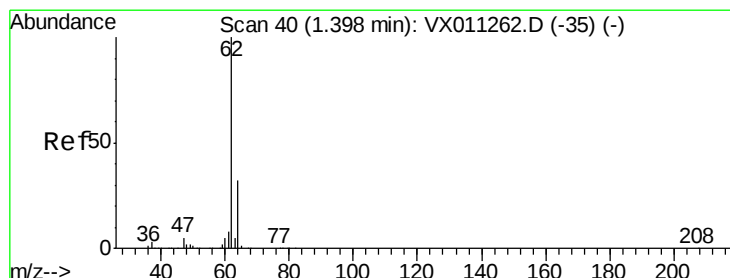
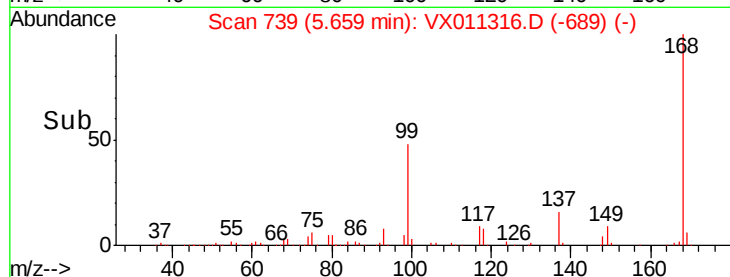
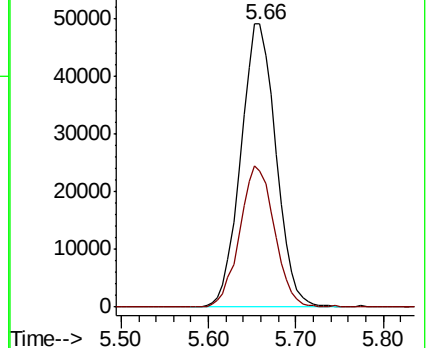
168 100

99 48.0 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 3.043 ug/l

RT: 1.40 min Scan# 40

Delta R.T. -0.00 min

Lab File: VX011316.D

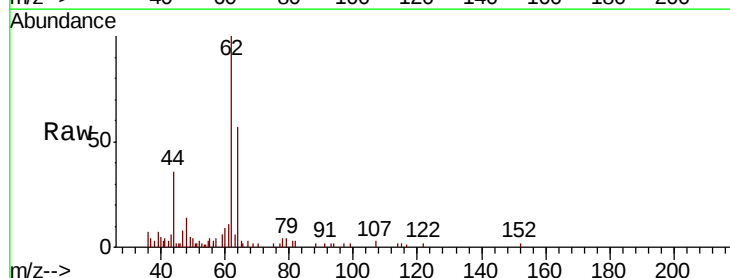
Acq: 02 Aug 2019 19:37

Tgt Ion: 62 Resp: 3991

Ion Ratio Lower Upper

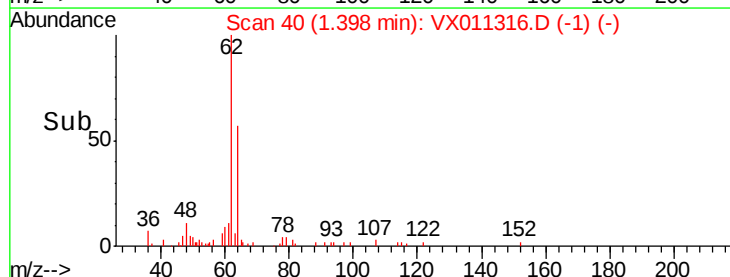
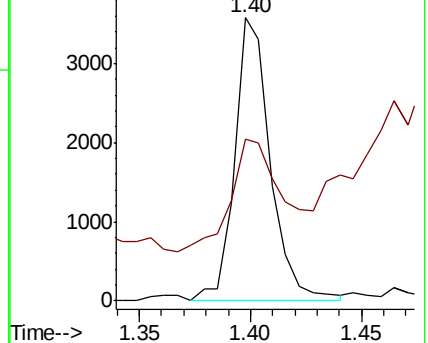
62 100

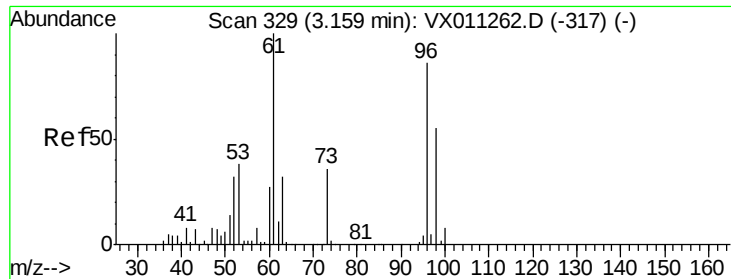
64 37.4 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 2.125 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX011316.D

Acq: 02 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

Z3-0689

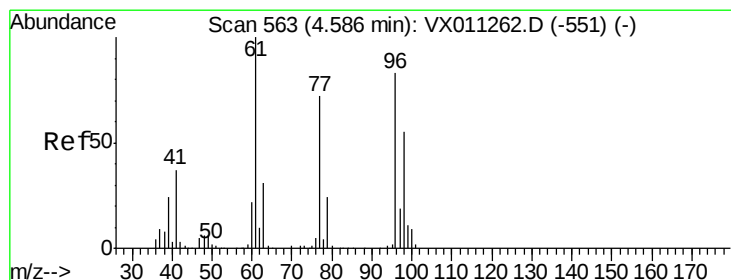
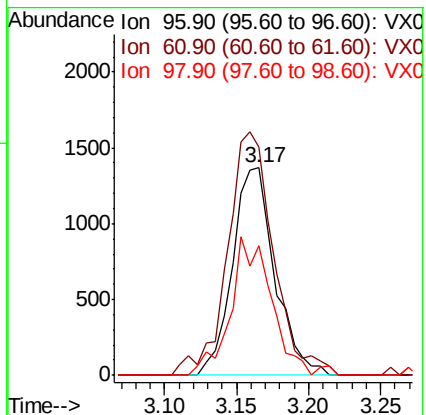
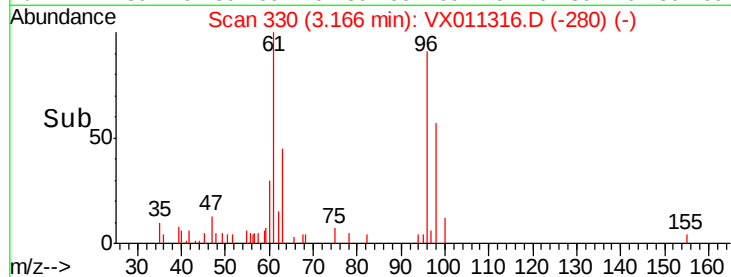
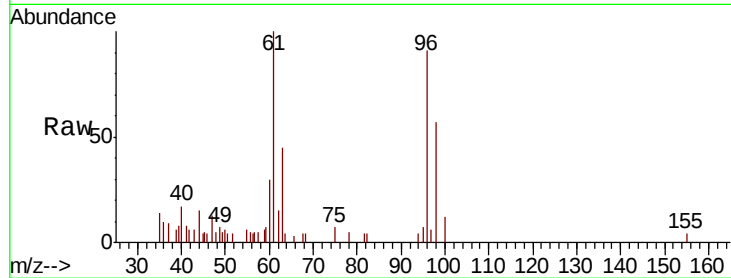
Tot Ion: 96 Resp: 2811

Ion Ratio Lower Upper

96 100

61 110.2 92.8 139.2

98 62.6 51.2 76.8



#27

cis-1,2-Dichloroethene

Concen: 7.916 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX011316.D

Acq: 02 Aug 2019 19:37

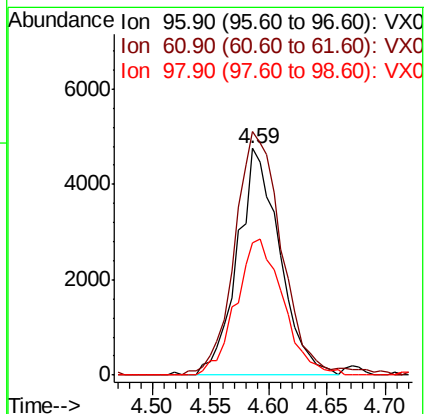
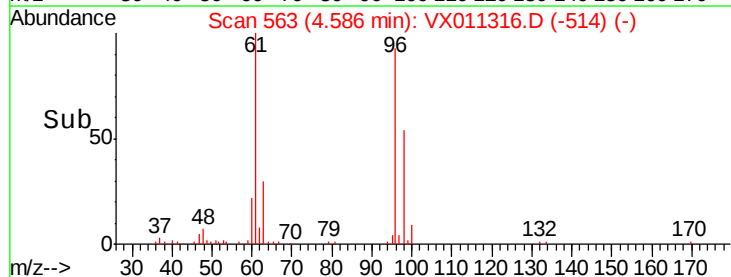
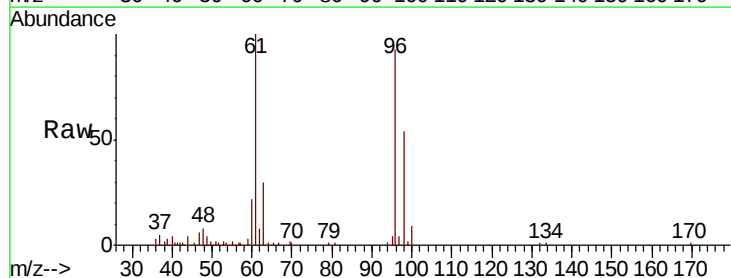
Tgt Ion: 96 Resp: 12062

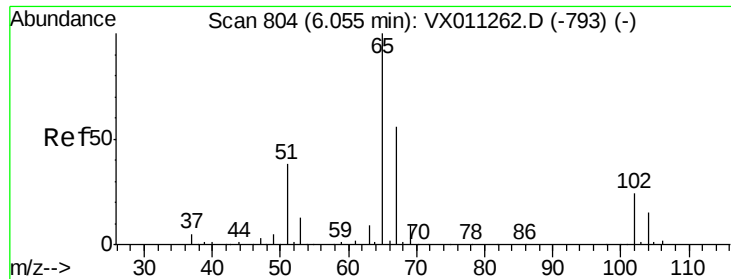
Ion Ratio Lower Upper

96 100

61 120.3 0.0 260.2

98 66.3 0.0 133.2

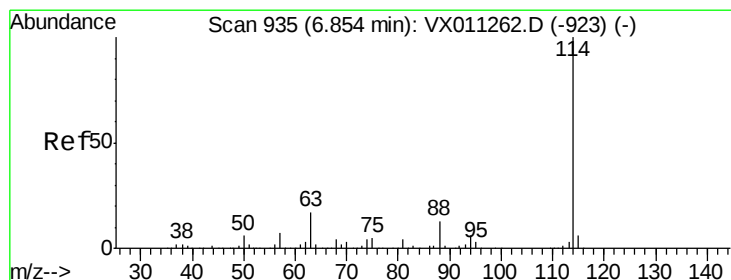
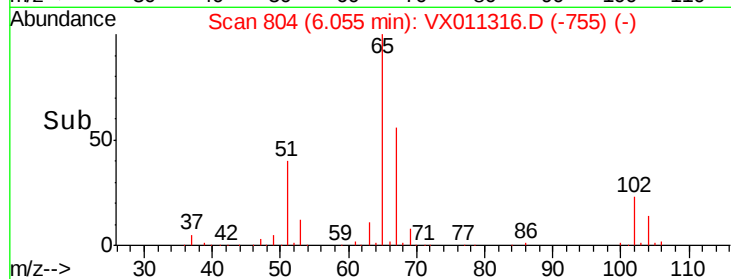
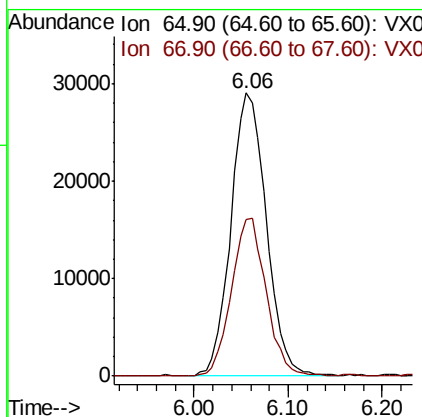
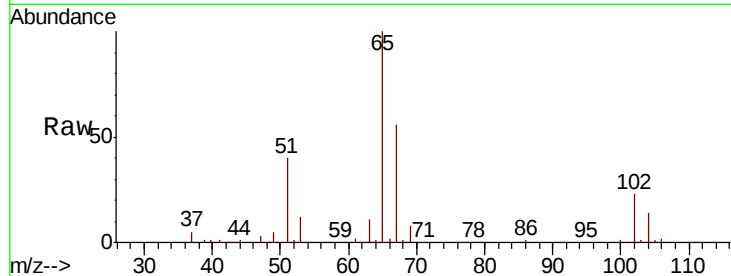




#33
 1,2-Dichloroethane-d4
 Concen: 55.044 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011316.D
 Acq: 02 Aug 2019 19:37

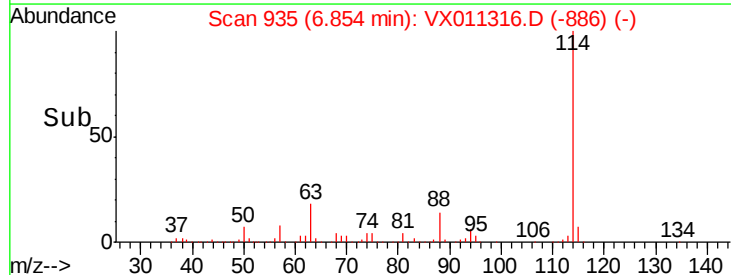
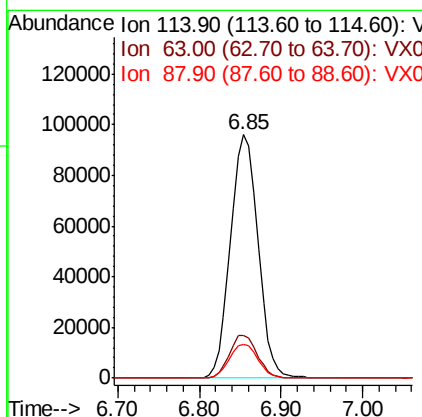
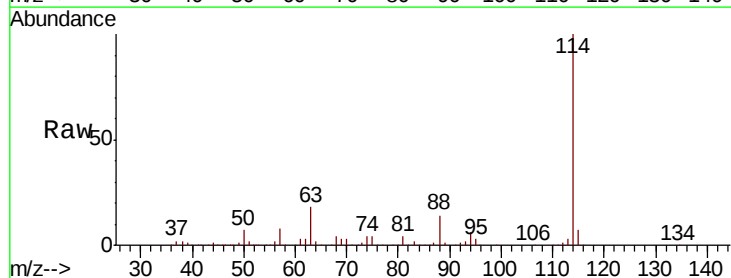
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0689

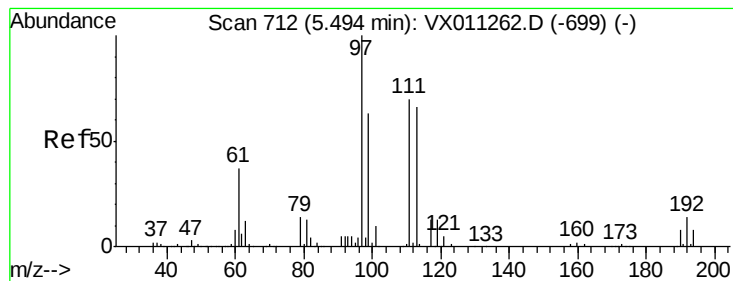
Tot Ion: 65 Resp: 76196
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011316.D
 Acq: 02 Aug 2019 19:37

Tgt Ion: 114 Resp: 224213
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 34.0
 88 14.0 0.0 26.4





#35

Dibromofluoromethane

Concen: 49.566 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011316.D

Acq: 02 Aug 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

Z3-0689

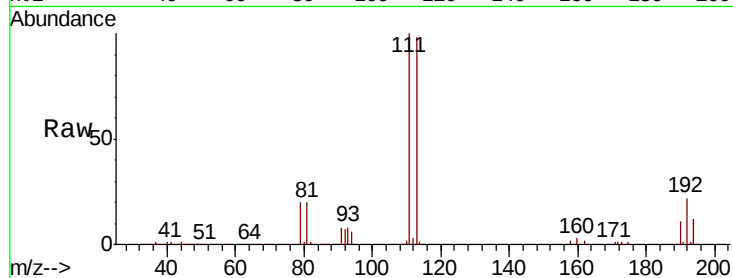
Tot Ion:113 Resp: 72557

Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

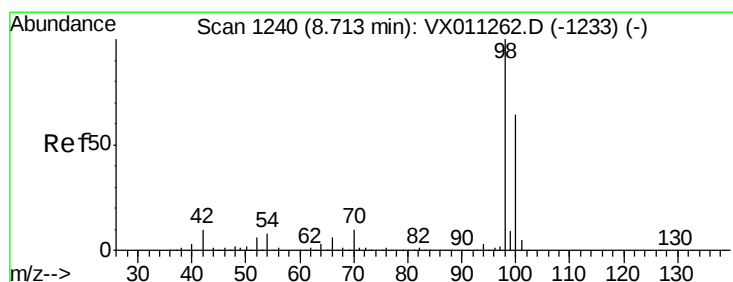
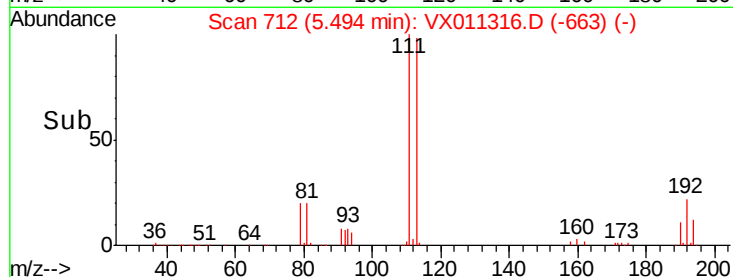
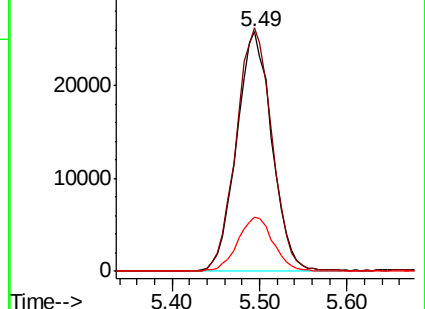
192 22.8 17.8 26.8



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: 49.127 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011316.D

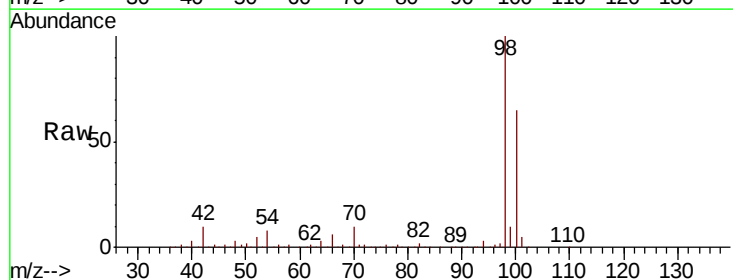
Acq: 02 Aug 2019 19:37

Tgt Ion: 98 Resp: 271455

Ion Ratio Lower Upper

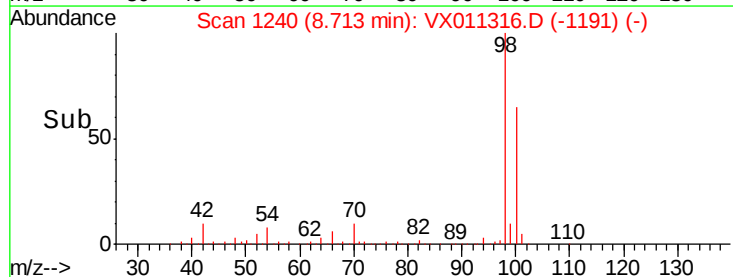
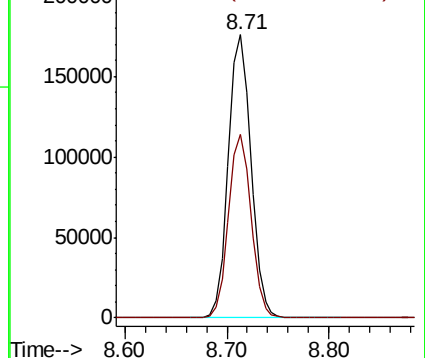
98 100

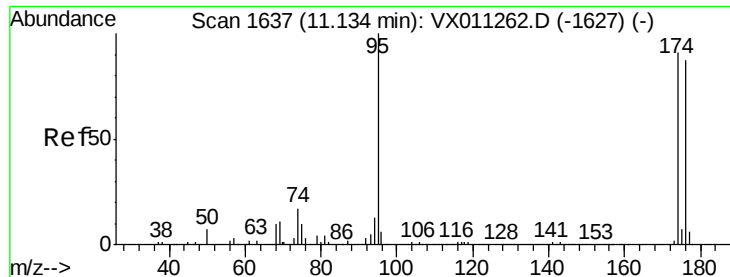
100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

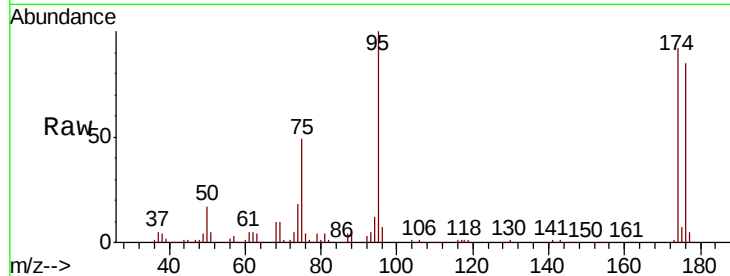




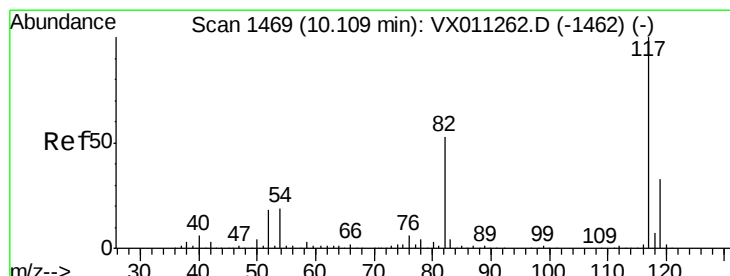
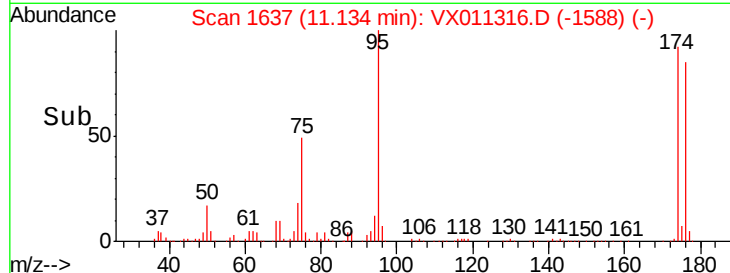
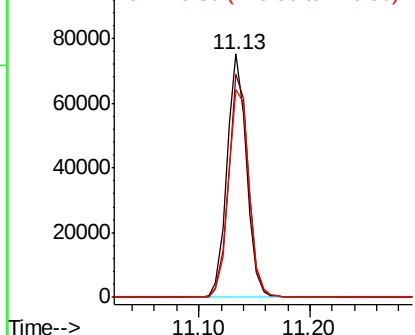
#62
4-Bromofluorobenzene
Concen: 46.265 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Instrument :
MSVOA_X
ClientSampleId :
Z3-0689

Tot Ion: 95 Resp: 91270
Ion Ratio Lower Upper
95 100
174 93.2 0.0 191.2
176 90.4 0.0 184.8

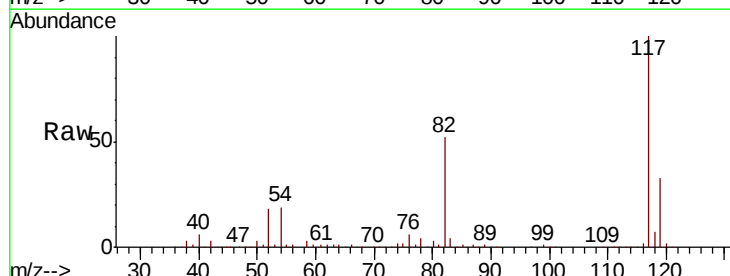


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

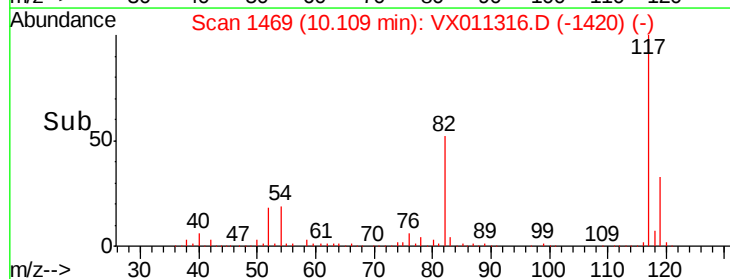
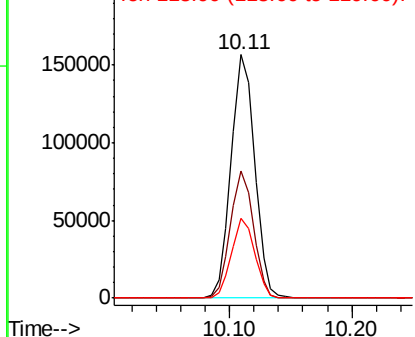


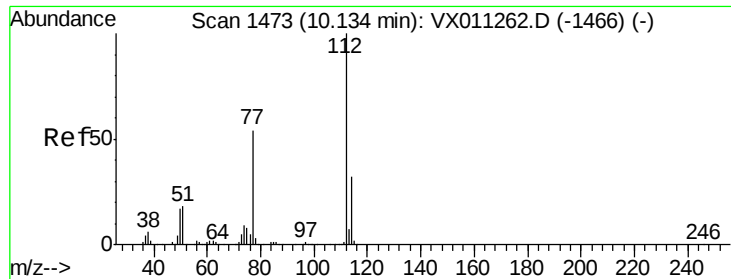
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Tgt Ion: 117 Resp: 209760
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.2
119 32.6 26.6 39.8



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

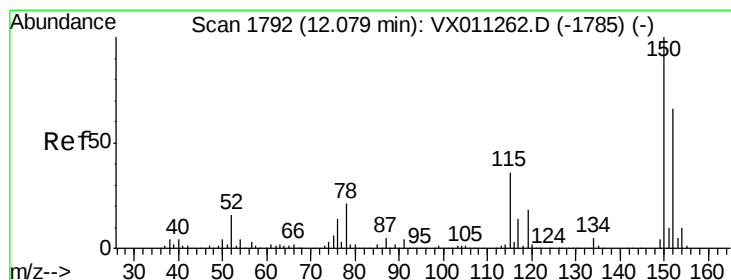
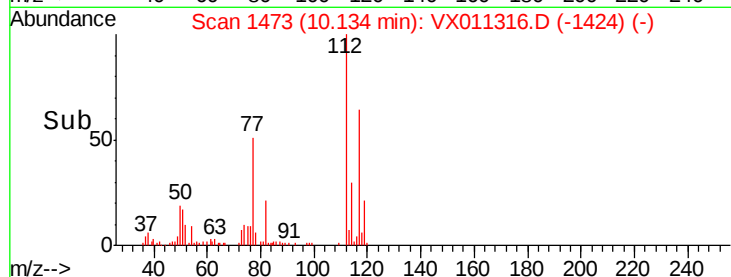
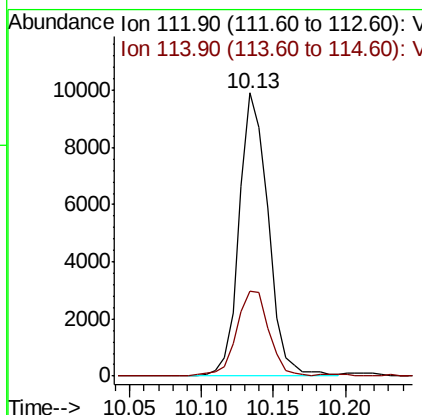
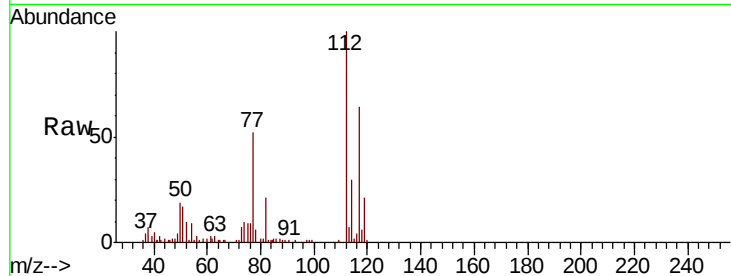




#65
Chlorobenzene
Concen: 3.083 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Instrument :
MSVOA_X
ClientSampled :
Z3-0689

Tot Ion:112 Resp: 13865
Ion Ratio Lower Upper
112 100
114 30.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011316.D
Acq: 02 Aug 2019 19:37

Tgt Ion:152 Resp: 94406
Ion Ratio Lower Upper
152 100
115 54.9 40.0 119.9
150 155.8 0.0 350.4

