

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080219\
 Data File : VX011317.D
 Acq On : 02 Aug 2019 20:01
 Operator : JC/SP
 Sample : K4119-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0690

Quant Time: Aug 03 07:18:07 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

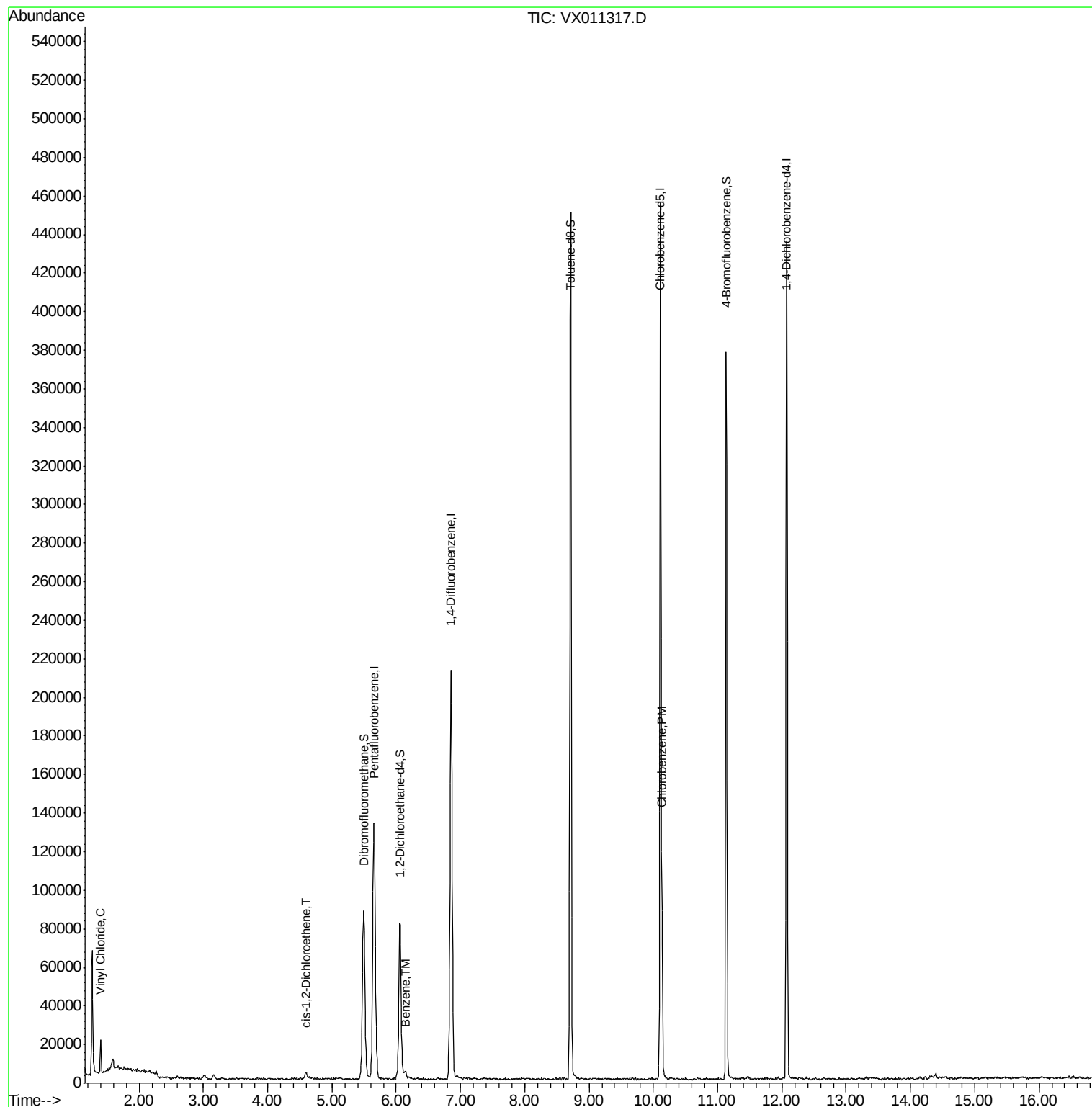
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	138133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	223420	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	212329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95855	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	74875	53.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.66%	
35) Dibromofluoromethane	5.49	113	72231	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
50) Toluene-d8	8.71	98	270018	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
62) 4-Bromofluorobenzene	11.13	95	91611	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
Target Compounds						
4) Vinyl Chloride	1.40	62	11316	8.587	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	1944	1.269	ug/l	97
40) Benzene	6.13	78	3765	0.647	ug/l	98
65) Chlorobenzene	10.13	112	32357	7.107	ug/l	95

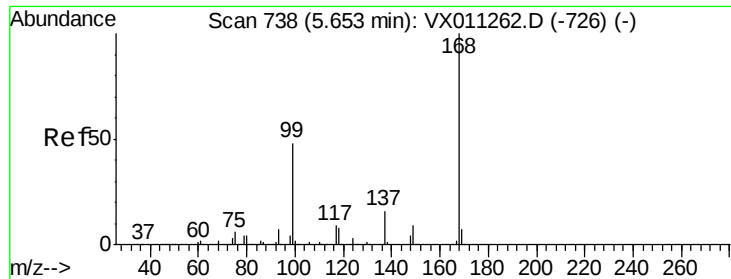
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011317.D

Acq: 02 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

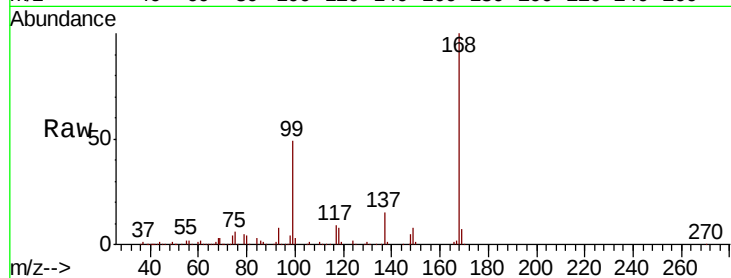
Z3-0690

Tot Ion:168 Resp: 138133

Ion Ratio Lower Upper

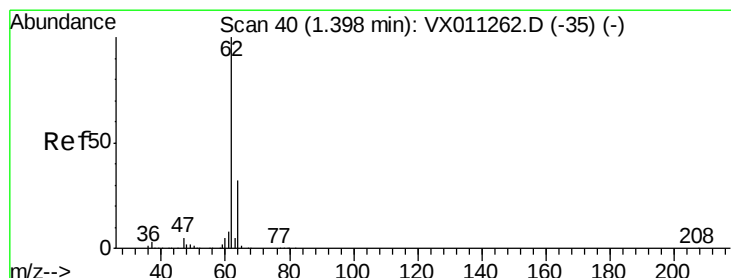
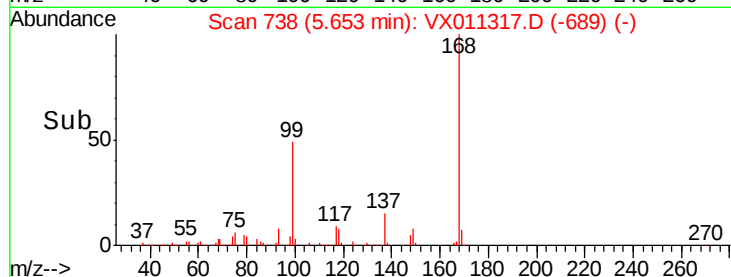
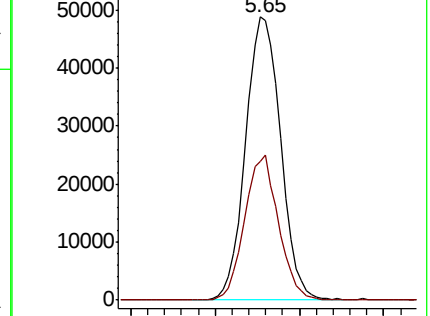
168 100

99 48.8 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: 8.587 ug/l

RT: 1.40 min Scan# 40

Delta R.T. -0.00 min

Lab File: VX011317.D

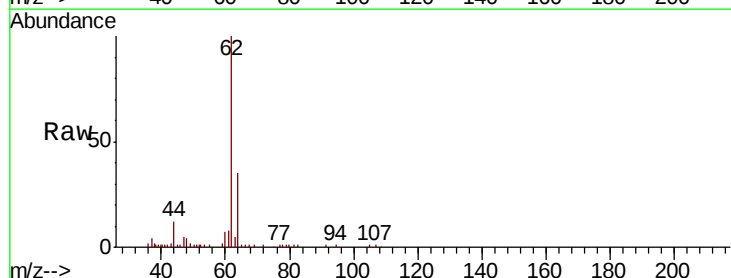
Acq: 02 Aug 2019 20:01

Tgt Ion: 62 Resp: 11316

Ion Ratio Lower Upper

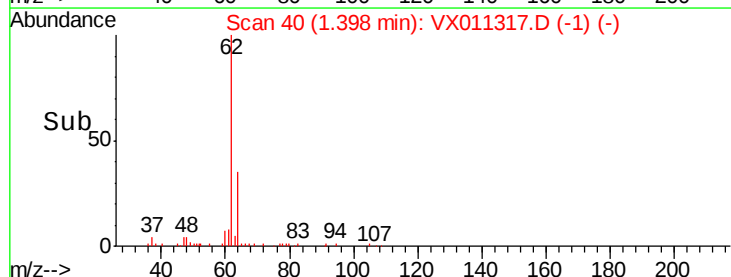
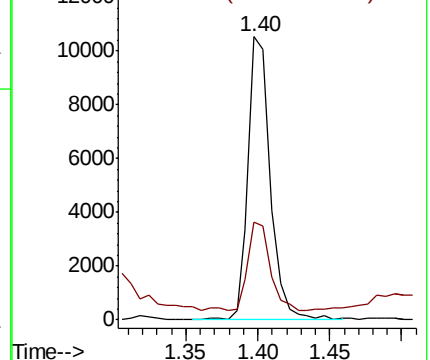
62 100

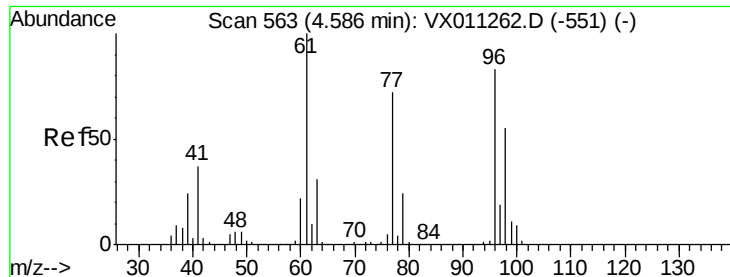
64 30.0 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



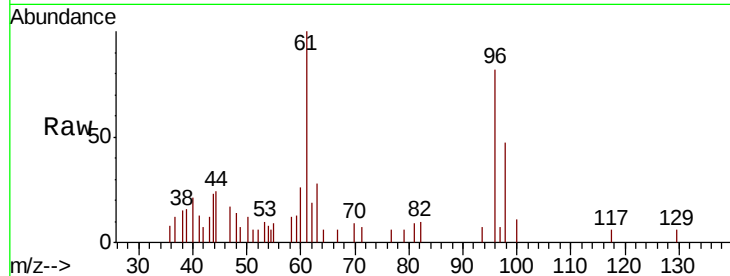


#27

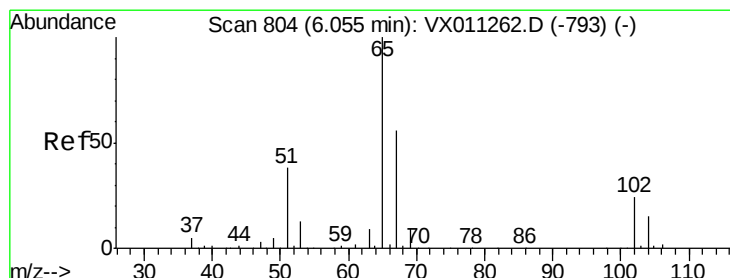
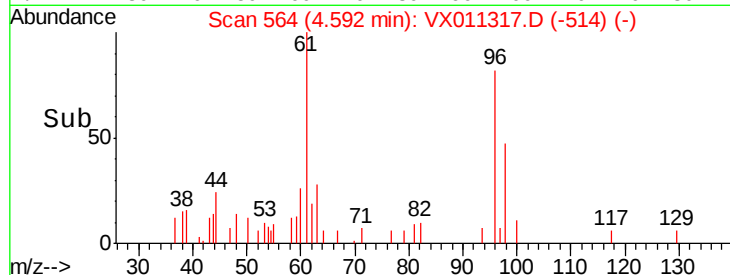
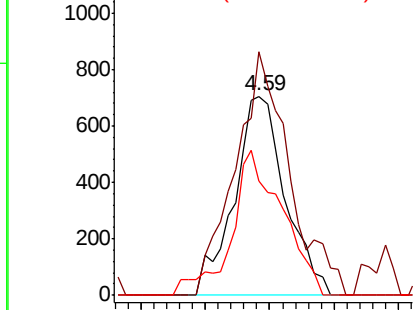
cis-1,2-Dichloroethene
 Concen: 1.269 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: VX011317.D
 Acq: 02 Aug 2019 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0690

Tot Ion: 96 Resp: 1944
 Ion Ratio Lower Upper
 96 100
 61 130.0 0.0 260.2
 98 72.6 0.0 133.2



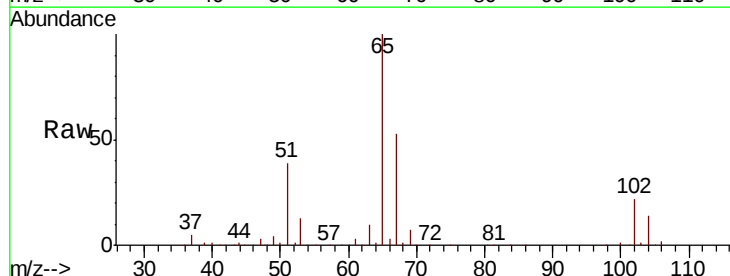
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



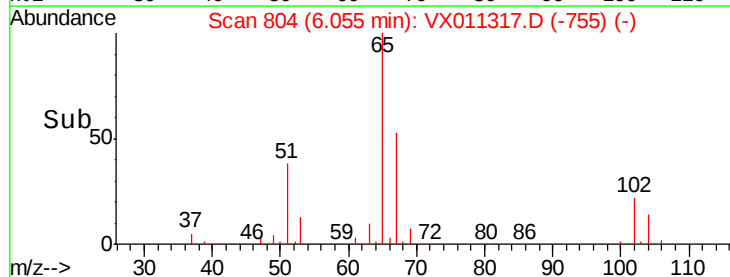
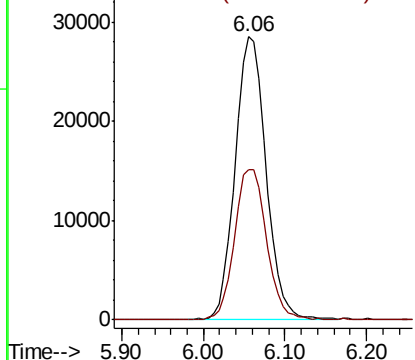
#33

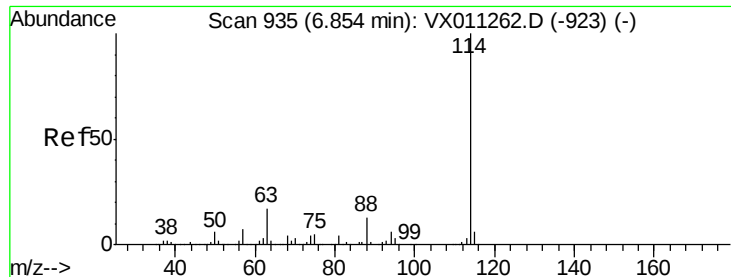
1,2-Dichloroethane-d4
 Concen: 53.825 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011317.D
 Acq: 02 Aug 2019 20:01

Tgt Ion: 65 Resp: 74875
 Ion Ratio Lower Upper
 65 100
 67 55.2 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: VX011317.D

Acq: 02 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

Z3-0690

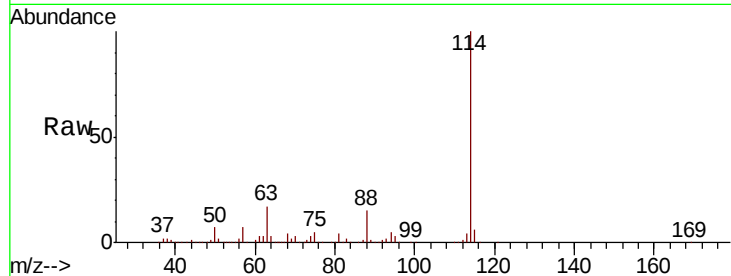
Tot Ion:114 Resp: 223420

Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.0

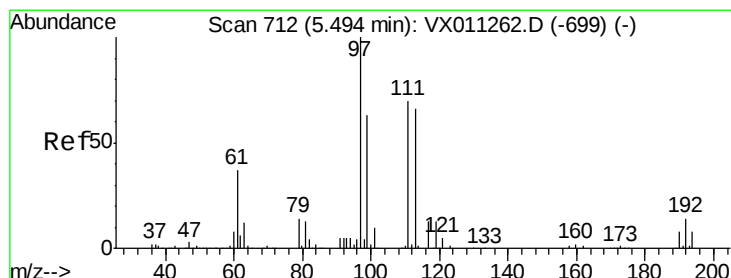
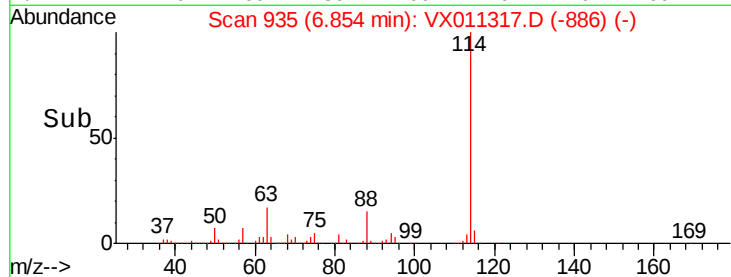
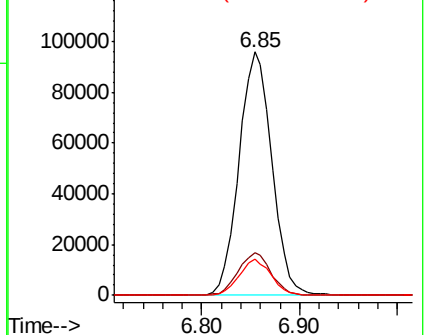
88 14.7 0.0 26.4



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: 49.519 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011317.D

Acq: 02 Aug 2019 20:01

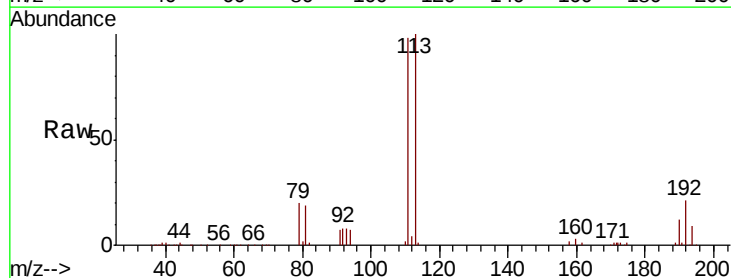
Tgt Ion:113 Resp: 72231

Ion Ratio Lower Upper

113 100

111 100.5 81.9 122.9

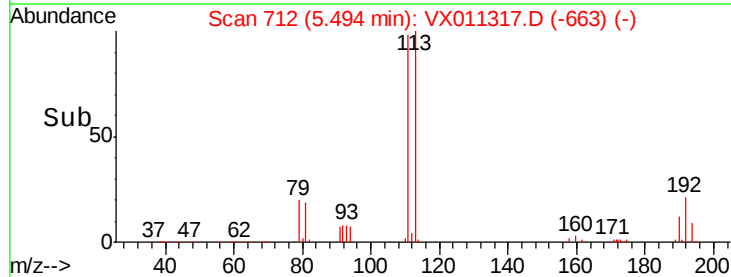
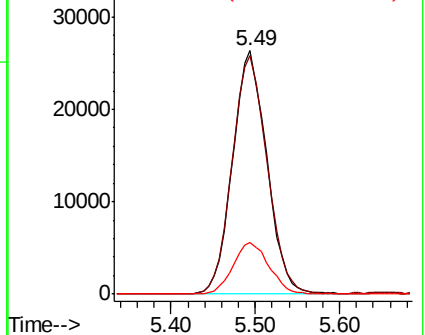
192 22.0 17.8 26.8

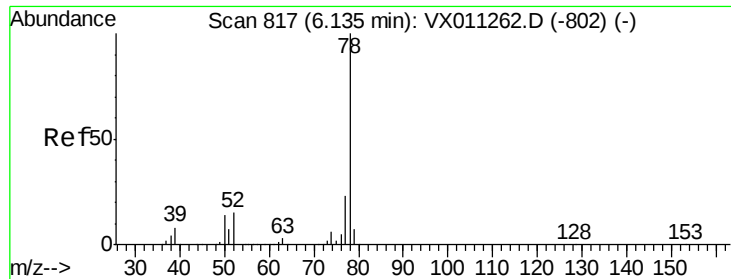


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.647 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.00 min

Lab File: VX011317.D

Acq: 02 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampled :

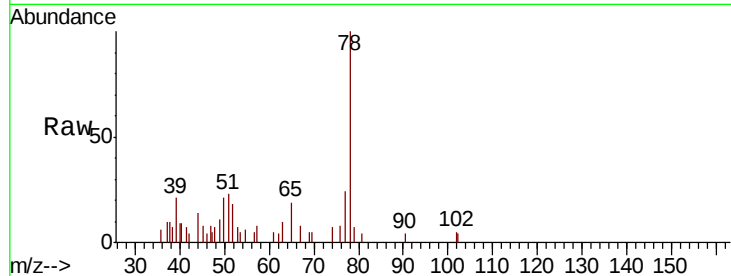
Z3-0690

Tot Ion: 78 Resp: 3765

Ion Ratio Lower Upper

78 100

77 23.8 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.13

1500

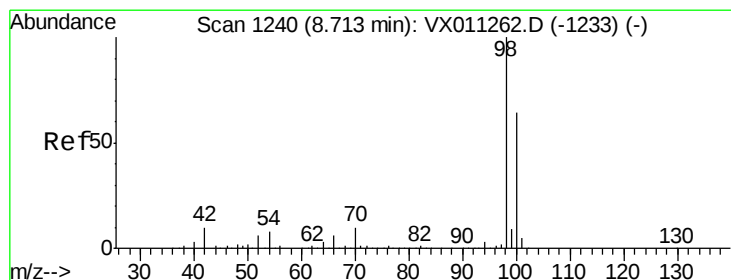
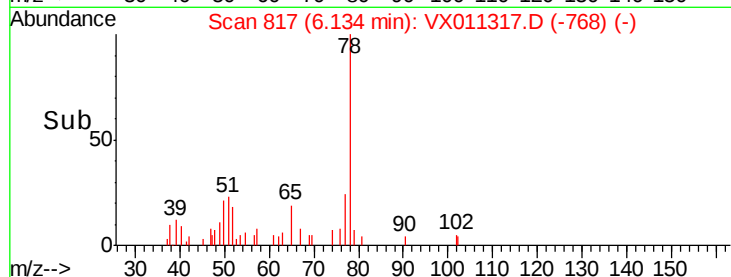
1000

500

0

6.05 6.10 6.15 6.20

Time-->



#50

Toluene-d8

Concen: 49.041 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011317.D

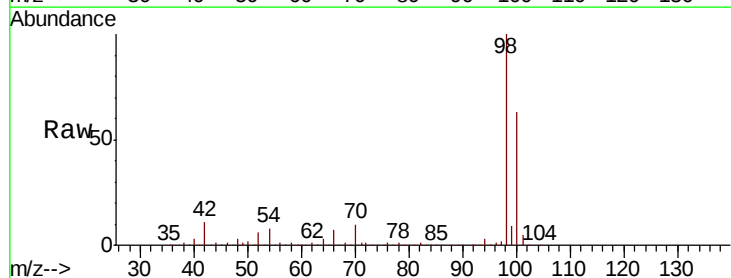
Acq: 02 Aug 2019 20:01

Tgt Ion: 98 Resp: 270018

Ion Ratio Lower Upper

98 100

100 63.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

200000

150000

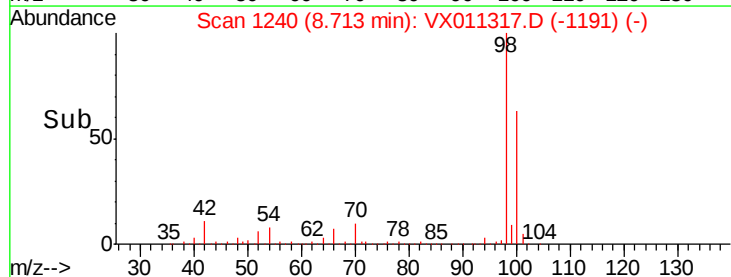
100000

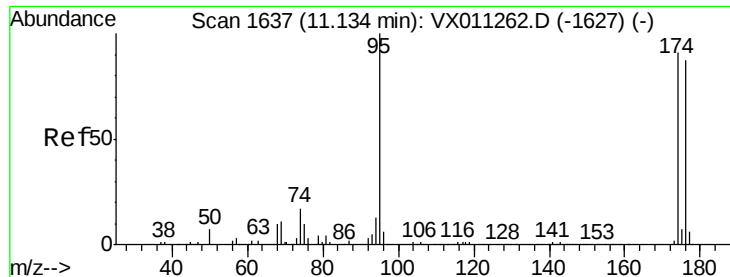
50000

0

8.65 8.70 8.75 8.80

Time-->

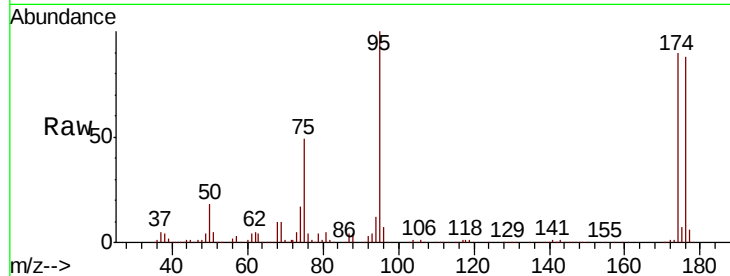




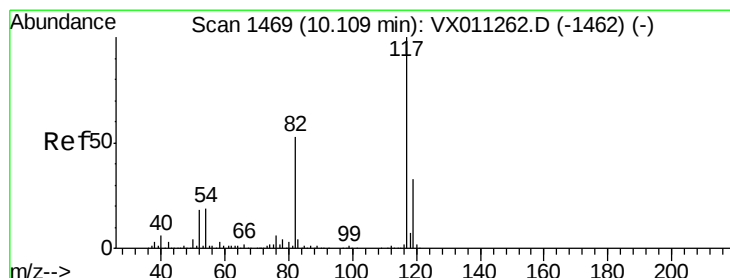
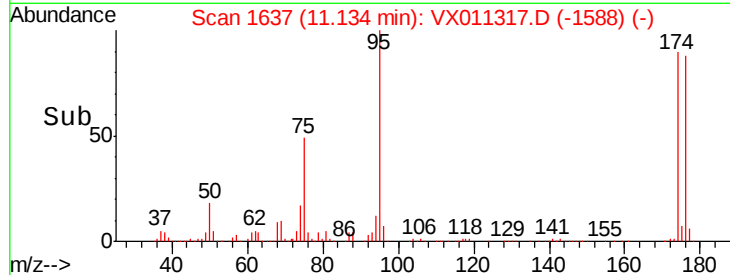
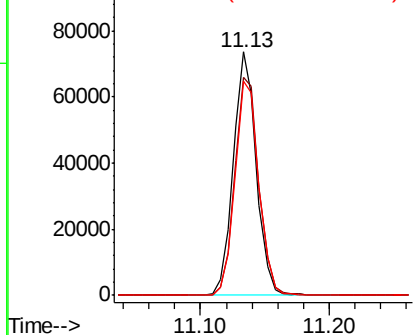
#62
4-Bromofluorobenzene
Concen: 46.603 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011317.D
Acq: 02 Aug 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
Z3-0690

Tot Ion: 95 Resp: 91611
Ion Ratio Lower Upper
95 100
174 93.4 0.0 191.2
176 90.9 0.0 184.8

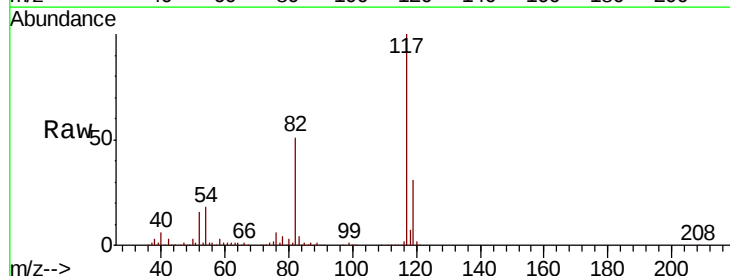


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

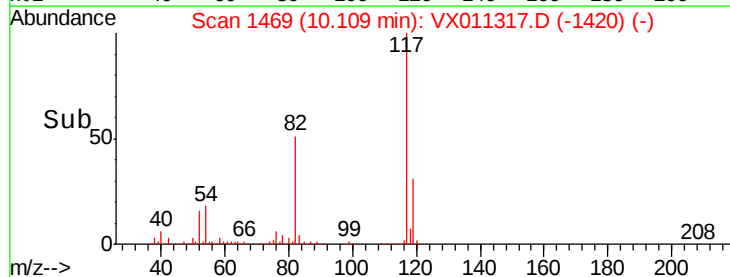
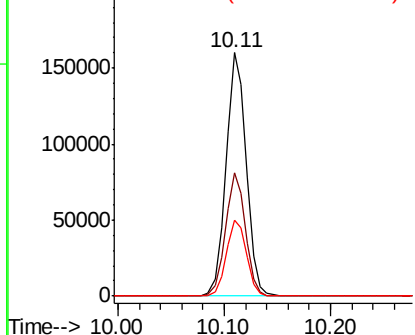


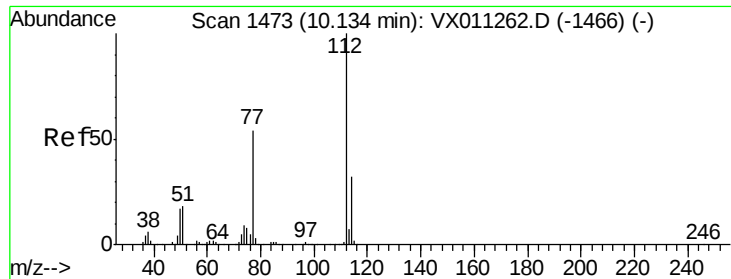
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011317.D
Acq: 02 Aug 2019 20:01

Tgt Ion: 117 Resp: 212329
Ion Ratio Lower Upper
117 100
82 50.7 42.2 63.2
119 31.0 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

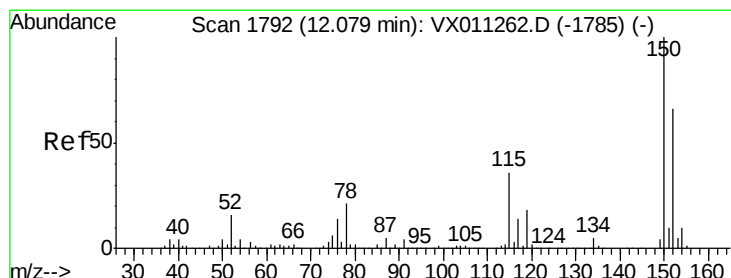
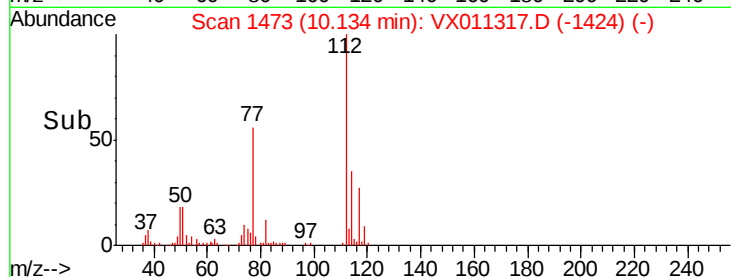
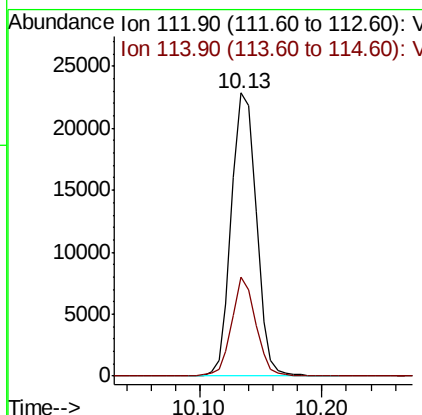
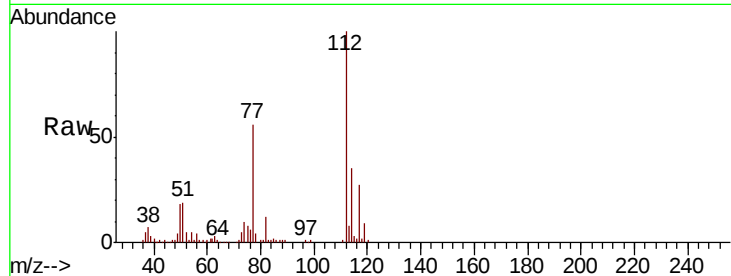




#65
Chlorobenzene
Concen: 7.107 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011317.D
Acq: 02 Aug 2019 20:01

Instrument :
MSVOA_X
ClientSampled :
Z3-0690

Tot Ion:112 Resp: 32357
Ion Ratio Lower Upper
112 100
114 35.0 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: VX011317.D
Acq: 02 Aug 2019 20:01

Tgt Ion:152 Resp: 95855
Ion Ratio Lower Upper
152 100
115 54.5 40.0 119.9
150 157.6 0.0 350.4

