

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080219\
 Data File : VX011306.D
 Acq On : 02 Aug 2019 15:43
 Operator : JC/SP
 Sample : K4119-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0682

Quant Time: Aug 03 06:51:12 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

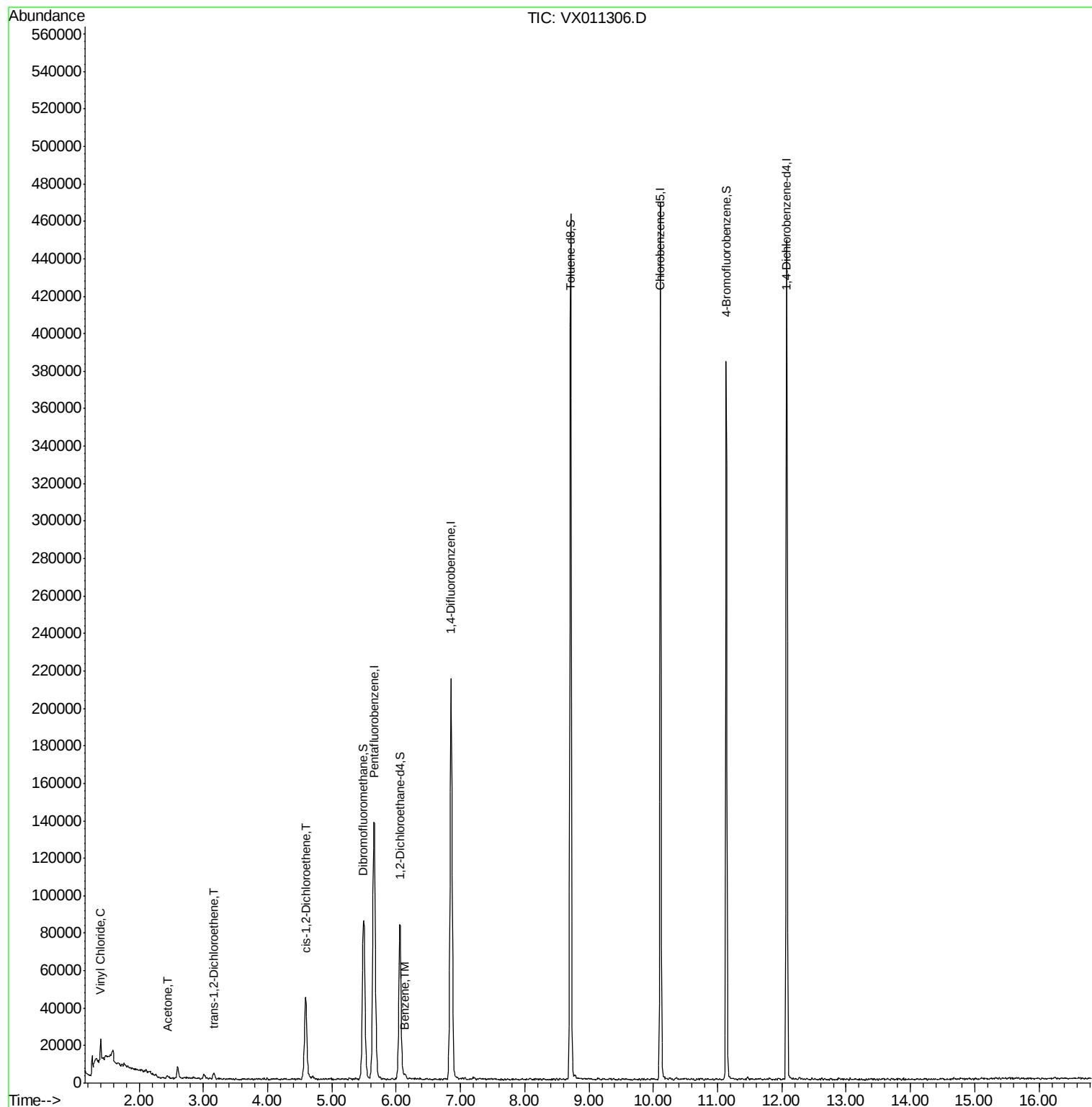
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	142739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	227165	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	217680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	98961	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	75404	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
35) Dibromofluoromethane	5.49	113	72526	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
50) Toluene-d8	8.71	98	277701	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.13	95	93716	46.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.78%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	6910	5.074	ug/l #	86
16) Acetone	2.44	43	1578	2.306	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	1391	1.013	ug/l #	83
27) cis-1,2-Dichloroethene	4.59	96	30275	19.133	ug/l	90
40) Benzene	6.13	78	2473	0.418	ug/l	95

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

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Quant Title : SW846 8260
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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: VX011306.D

Acq: 02 Aug 2019 15:43

Instrument :

MSVOA_X

ClientSampleId :

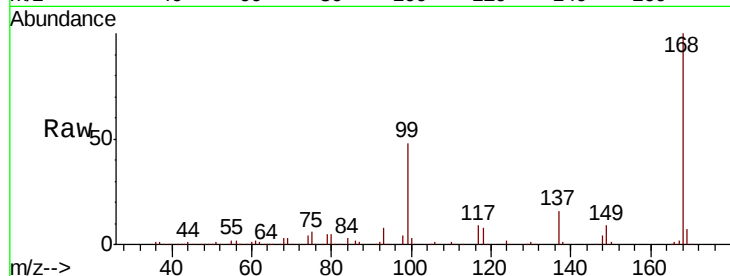
Z3-0682

Tot Ion:168 Resp: 142739

Ion Ratio Lower Upper

168 100

99 48.1 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

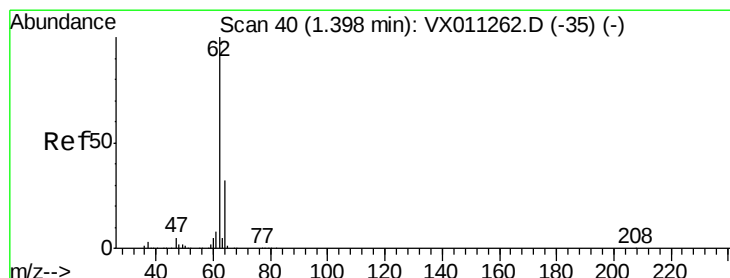
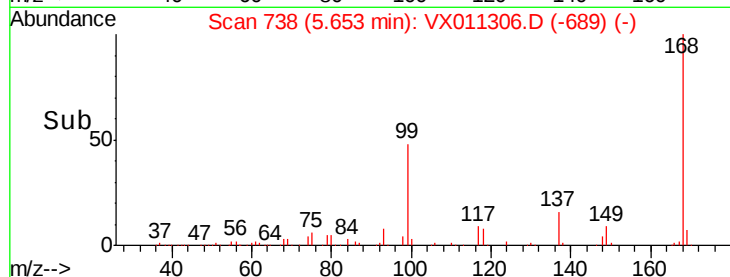
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 5.074 ug/l

RT: 1.40 min Scan# 40

Delta R.T. -0.00 min

Lab File: VX011306.D

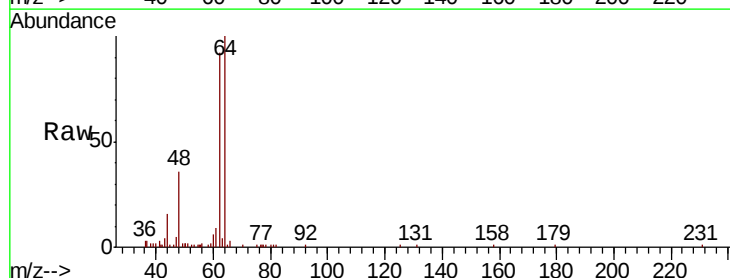
Acq: 02 Aug 2019 15:43

Tgt Ion: 62 Resp: 6910

Ion Ratio Lower Upper

62 100

64 40.3 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

8000

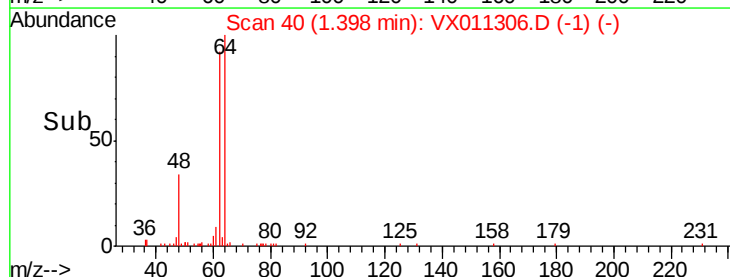
6000

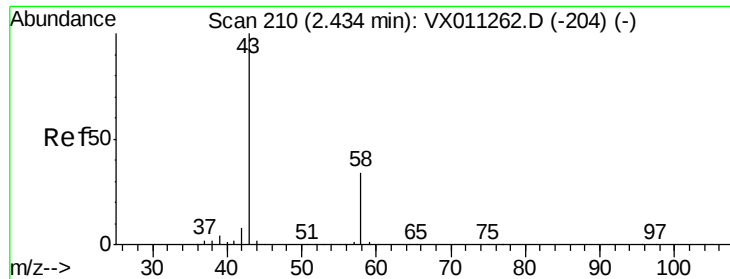
4000

2000

0

Time--> 1.35 1.40 1.45





#16

Acetone

Concen: 2.306 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX011306.D

Acq: 02 Aug 2019 15:43

Instrument :

MSVOA_X

ClientSampleId :

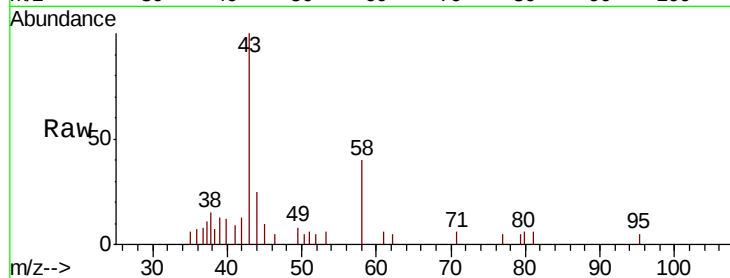
Z3-0682

Tot Ion: 43 Resp: 1578

Ion Ratio Lower Upper

43 100

58 34.7 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1200

1000

800

600

400

200

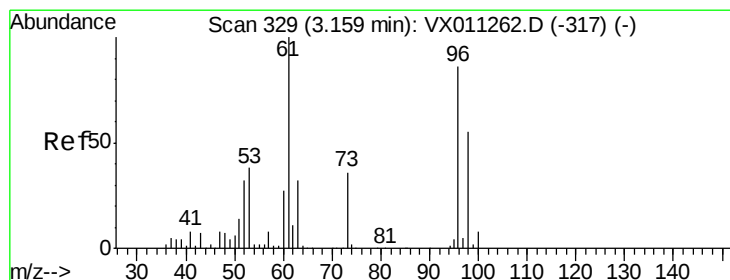
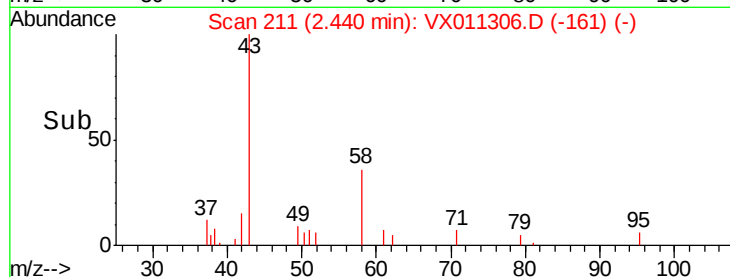
0

2.40

2.45

2.50

Time-->



#21

trans-1,2-Dichloroethene

Concen: 1.013 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX011306.D

Acq: 02 Aug 2019 15:43

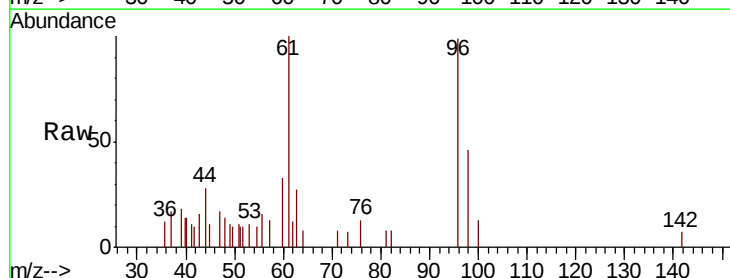
Tgt Ion: 96 Resp: 1391

Ion Ratio Lower Upper

96 100

61 101.1 92.8 139.2

98 46.8 51.2 76.8#



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

1000

800

600

400

200

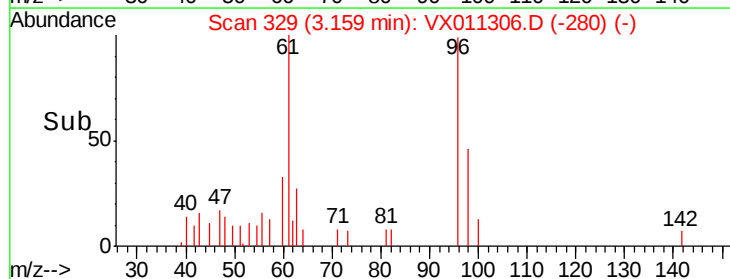
0

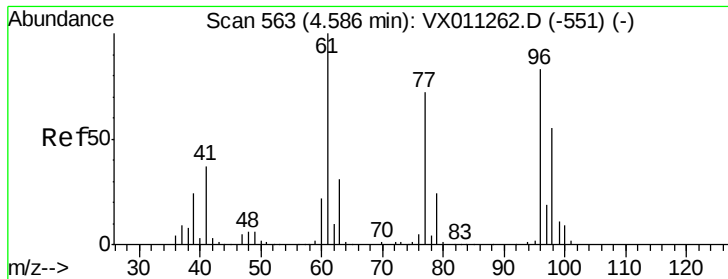
3.10

3.15

3.20

Time-->



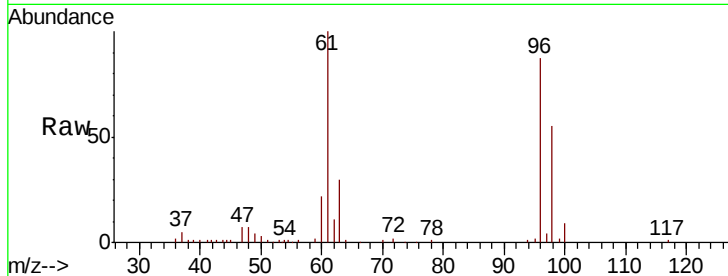


#27

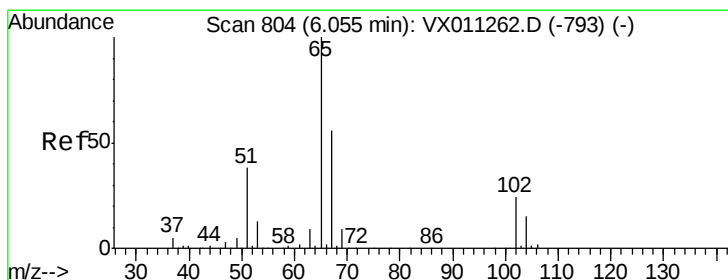
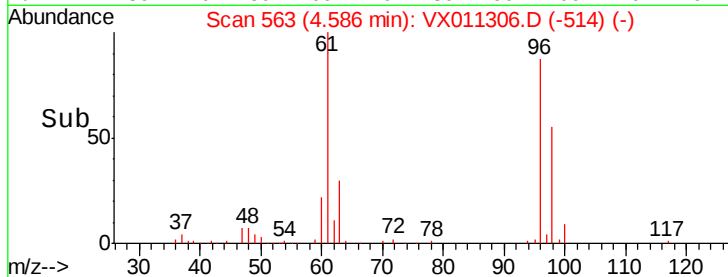
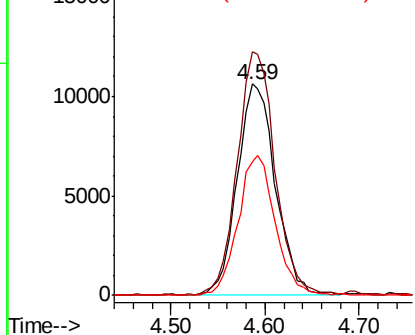
cis-1,2-Dichloroethene
 Concen: 19.133 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: VX011306.D
 Acq: 02 Aug 2019 15:43

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0682

Tot Ion: 96 Resp: 30275
 Ion Ratio Lower Upper
 96 100
 61 114.1 0.0 260.2
 98 63.9 0.0 133.2



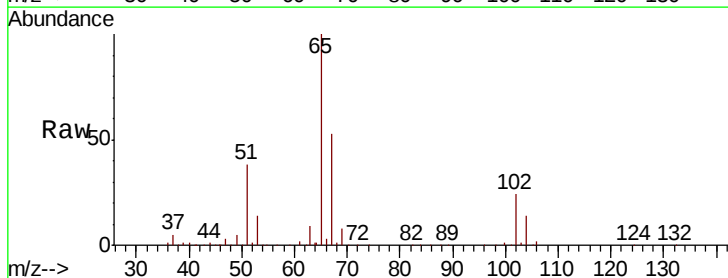
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



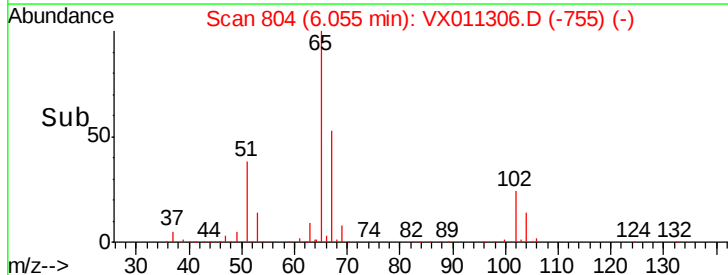
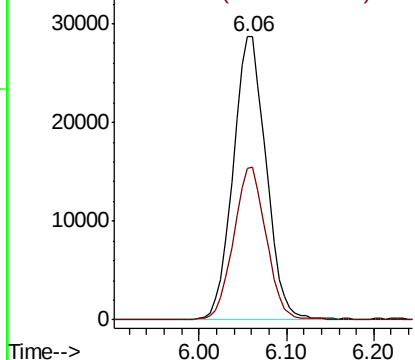
#33

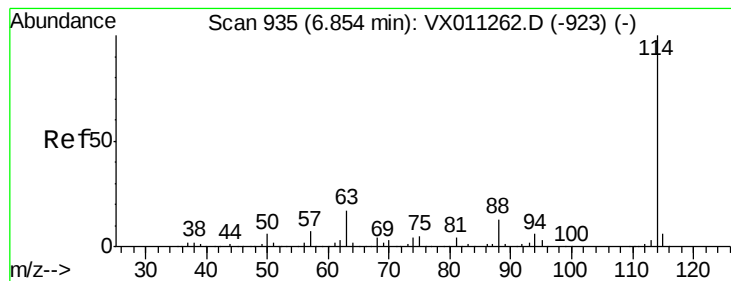
1,2-Dichloroethane-d4
 Concen: 52.456 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011306.D
 Acq: 02 Aug 2019 15:43

Tgt Ion: 65 Resp: 75404
 Ion Ratio Lower Upper
 65 100
 67 53.5 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: VX011306.D

Acq: 02 Aug 2019 15:43

Instrument :

MSVOA_X

ClientSampleId :

Z3-0682

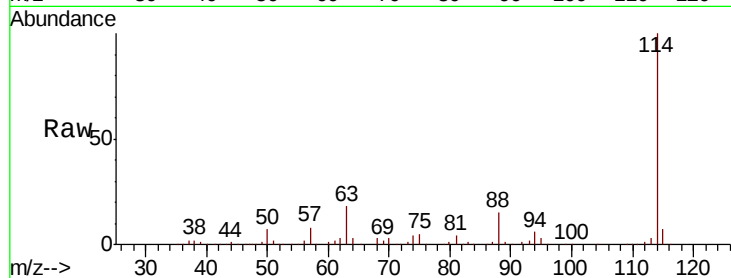
Tot Ion:114 Resp: 227165

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.0

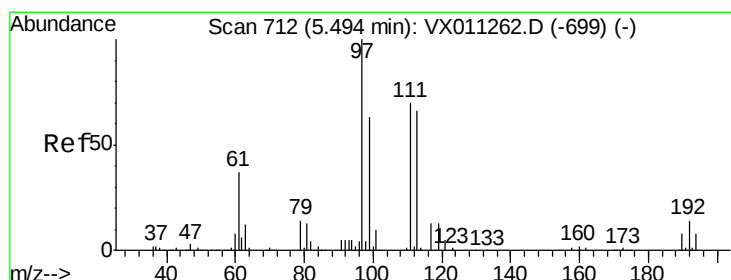
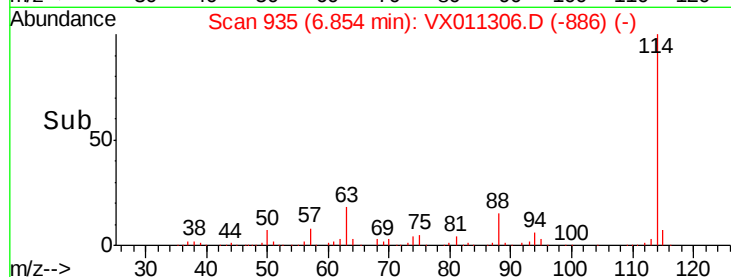
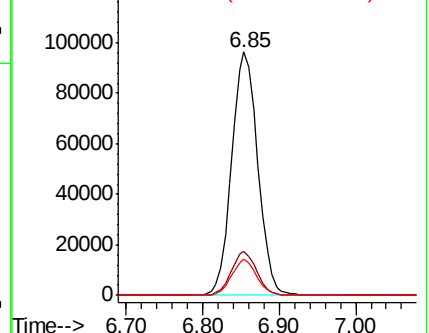
88 15.0 0.0 26.4



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: 48.901 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011306.D

Acq: 02 Aug 2019 15:43

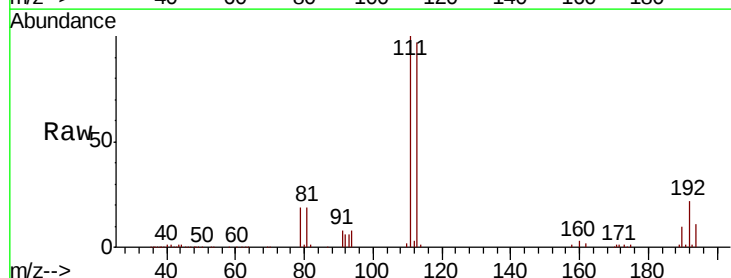
Tgt Ion:113 Resp: 72526

Ion Ratio Lower Upper

113 100

111 101.2 81.9 122.9

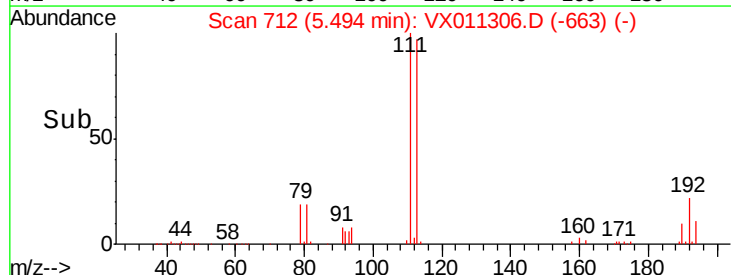
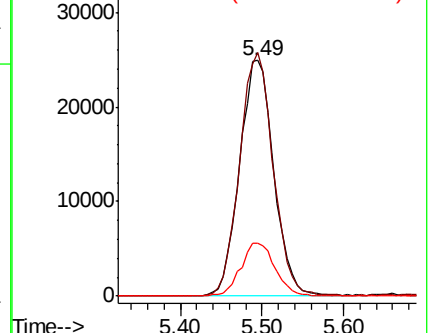
192 22.4 17.8 26.8

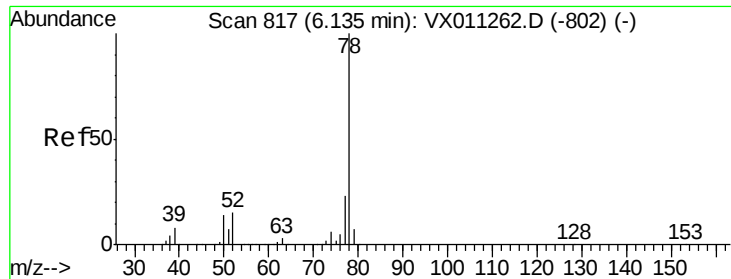


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

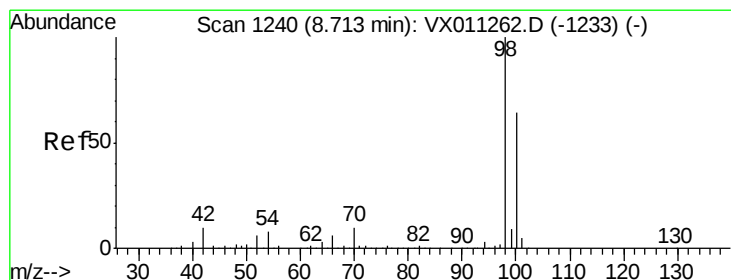
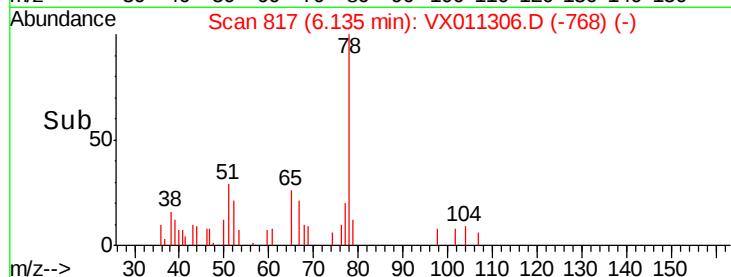
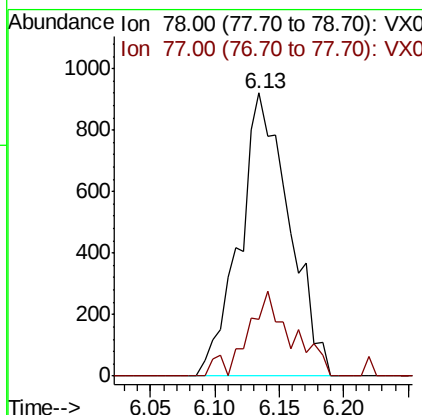
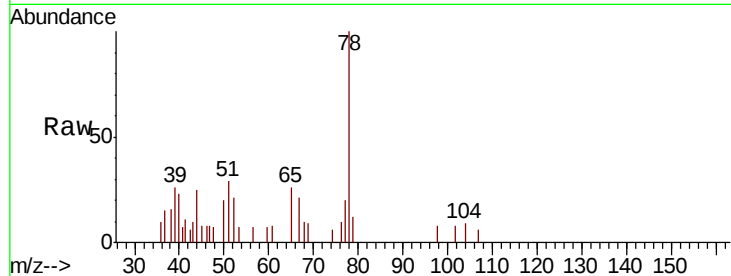




#40
Benzene
Concen: 0.418 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX011306.D
Acq: 02 Aug 2019 15:43

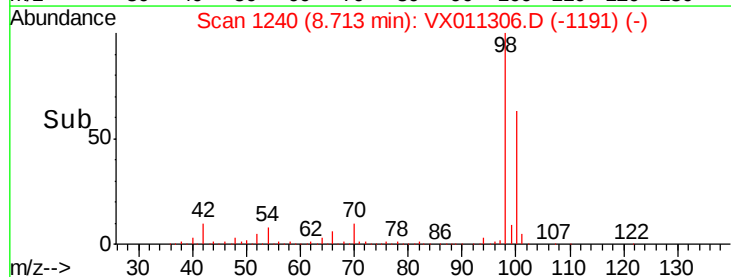
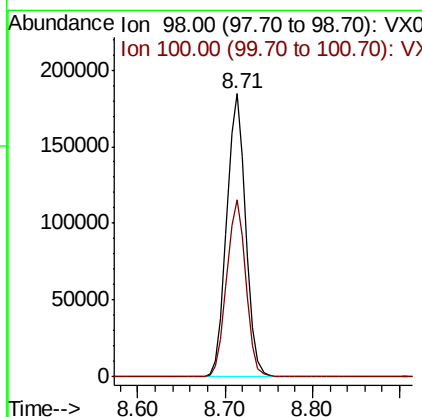
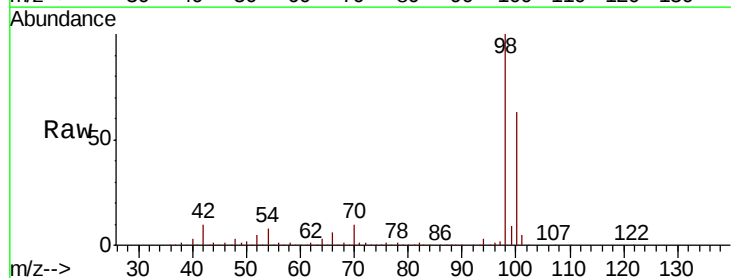
Instrument :
MSVOA_X
ClientSampled :
Z3-0682

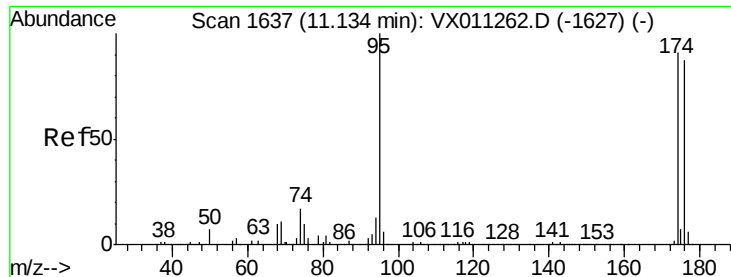
Tot Ion: 78 Resp: 2473
Ion Ratio Lower Upper
78 100
77 20.2 18.2 27.2



#50
Toluene-d8
Concen: 49.605 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011306.D
Acq: 02 Aug 2019 15:43

Tgt Ion: 98 Resp: 277701
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5

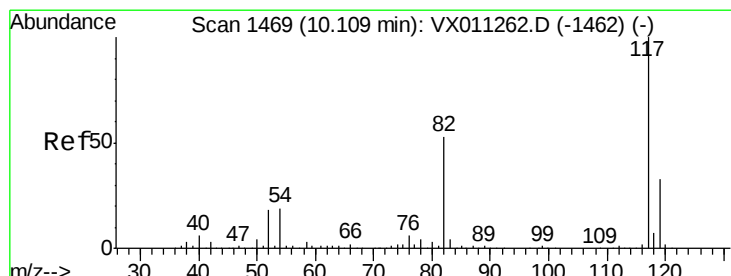
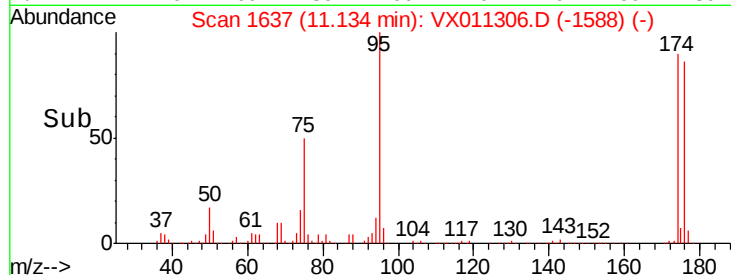
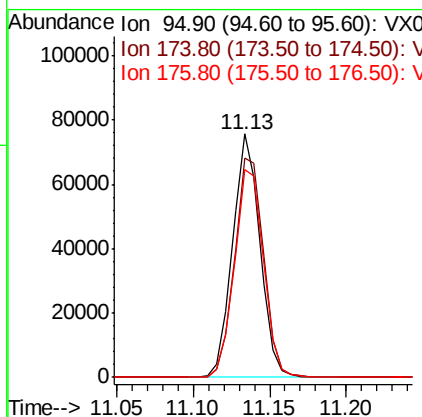
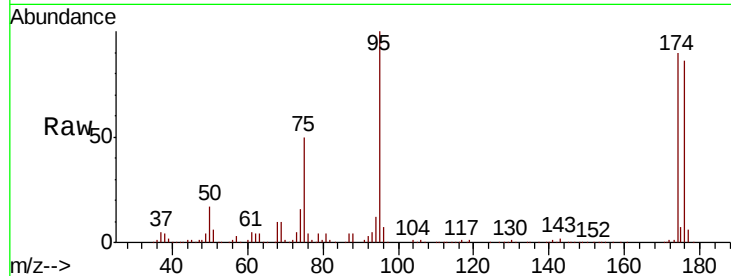




#62
4-Bromofluorobenzene
Concen: 46.887 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011306.D
Acq: 02 Aug 2019 15:43

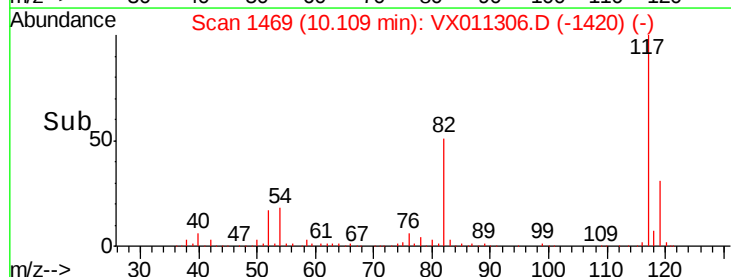
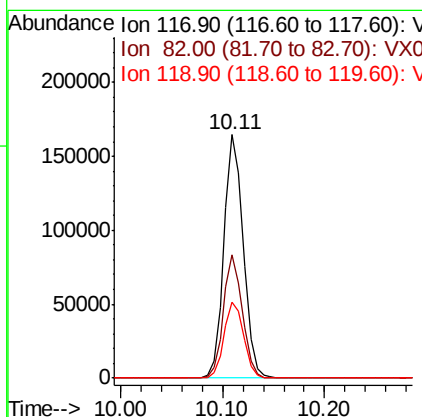
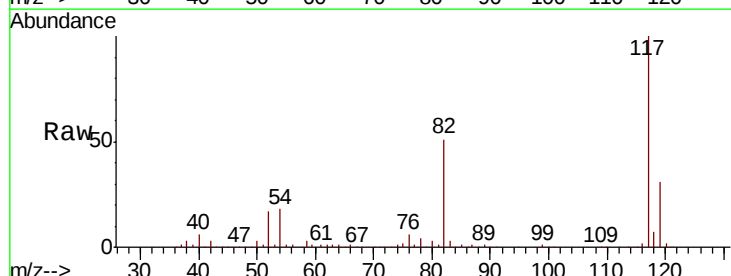
Instrument :
MSVOA_X
ClientSampleId :
Z3-0682

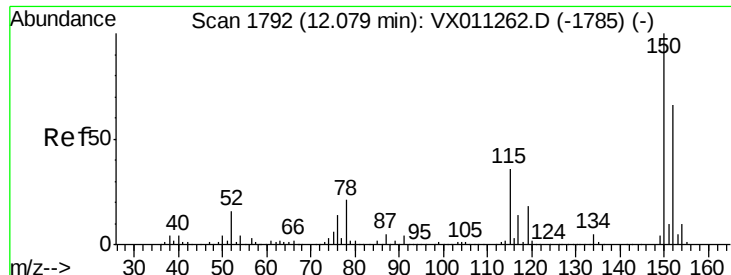
Tot Ion: 95 Resp: 93716
Ion Ratio Lower Upper
95 100
174 95.5 0.0 191.2
176 91.0 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011306.D
Acq: 02 Aug 2019 15:43

Tgt Ion: 117 Resp: 217680
Ion Ratio Lower Upper
117 100
82 50.9 42.2 63.2
119 31.3 26.6 39.8

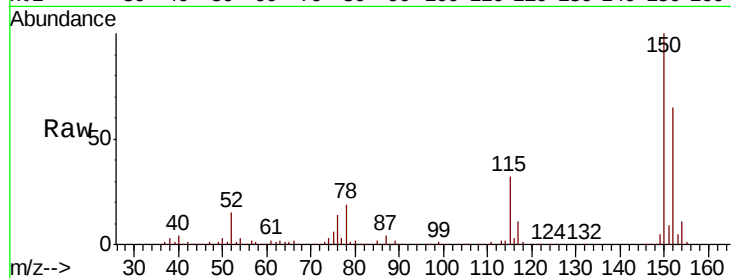




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX011306.D
 Acq: 02 Aug 2019 15:43

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0682

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.1	40.0	119.9
150	157.6	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

