

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092419\
 Data File : VX012637.D
 Acq On : 24 Sep 2019 16:54
 Operator : JC/SP
 Sample : K5013-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0518

Quant Time: Sep 25 06:36:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

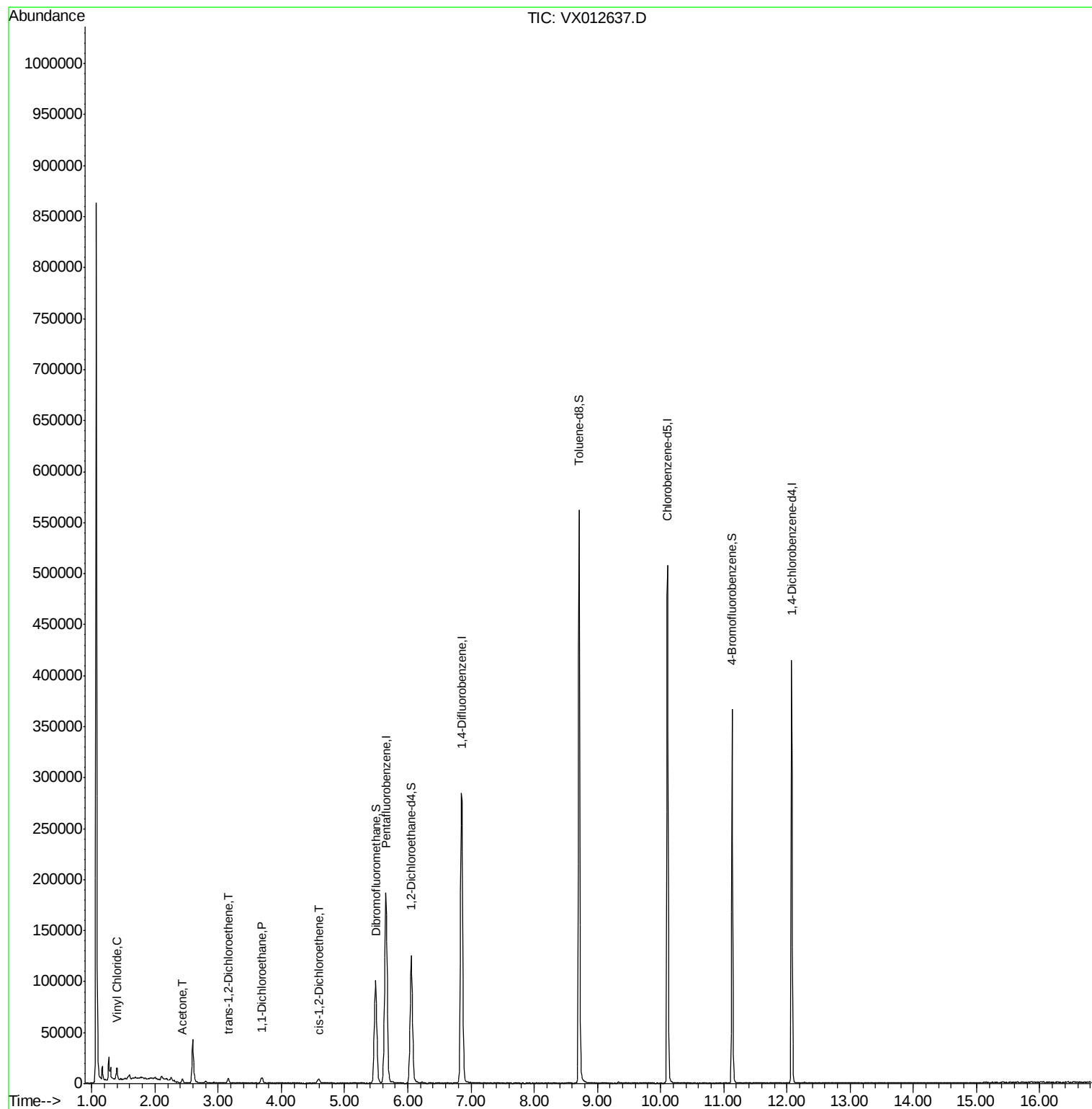
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	161751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278448	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	228443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	77519	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119425	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
35) Dibromofluoromethane	5.49	113	84062	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
50) Toluene-d8	8.71	98	324543	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	11.14	95	104714	41.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.40%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	3941	1.898	ug/l	99
16) Acetone	2.43	43	3888	3.116	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	1898	0.985	ug/l	92
24) 1,1-Dichloroethane	3.69	63	5979	1.650	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	2528	1.131	ug/l	87

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012637.D

Acq: 24 Sep 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

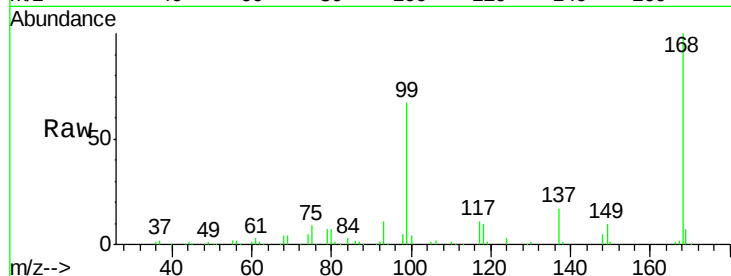
S49-0518

Tot Ion:168 Resp: 161751

Ion Ratio Lower Upper

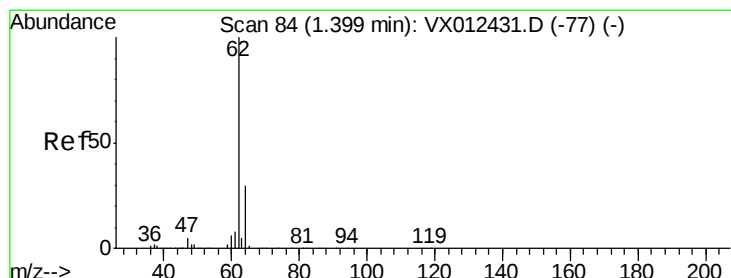
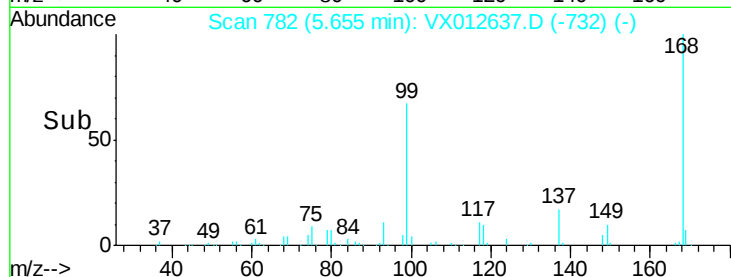
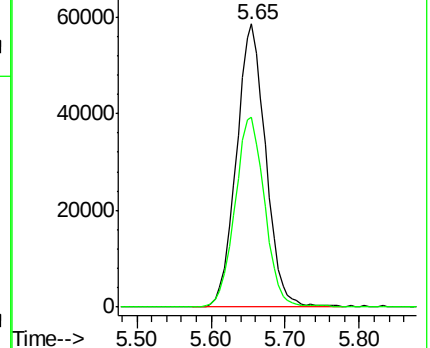
168 100

99 66.9 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 1.898 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012637.D

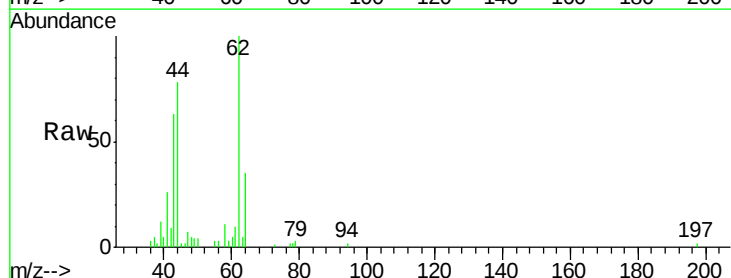
Acq: 24 Sep 2019 16:54

Tgt Ion: 62 Resp: 3941

Ion Ratio Lower Upper

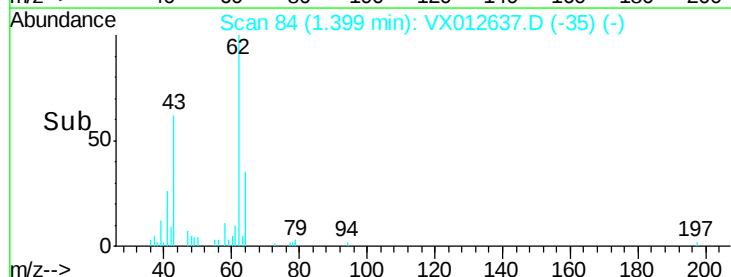
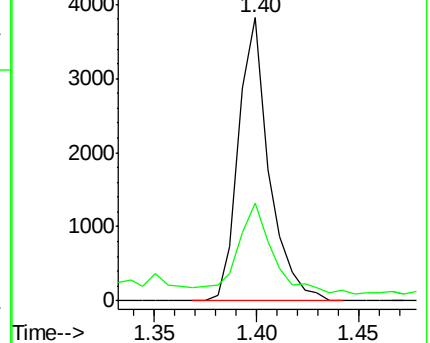
62 100

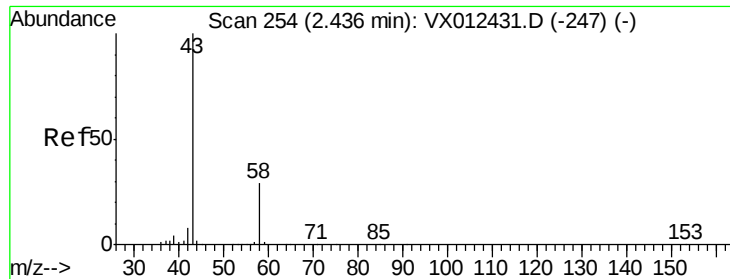
64 30.9 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 3.116 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012637.D

Acq: 24 Sep 2019 16:54

Instrument :

MSVOA_X

ClientSampled :

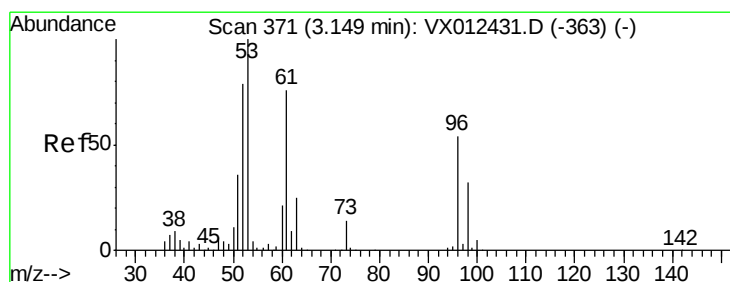
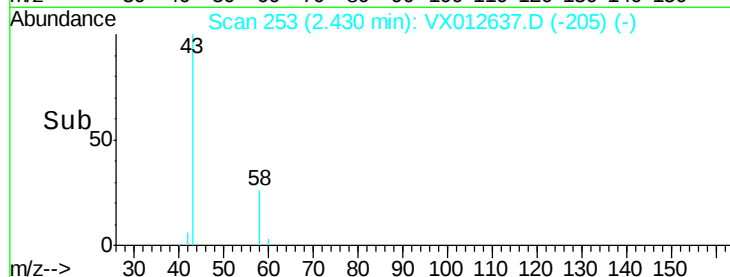
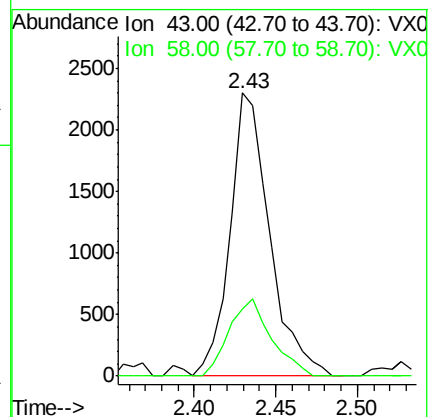
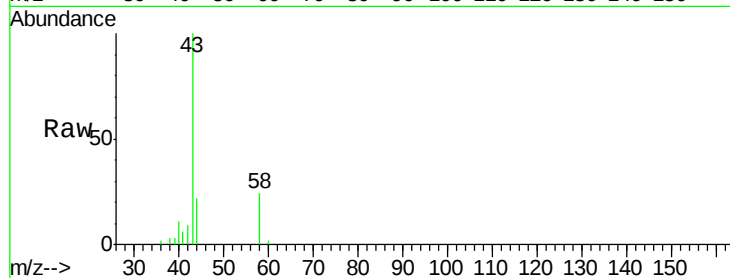
S49-0518

Tot Ion: 43 Resp: 3888

Ion Ratio Lower Upper

43 100

58 23.9 23.3 34.9



#21

trans-1,2-Dichloroethene

Concen: 0.985 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012637.D

Acq: 24 Sep 2019 16:54

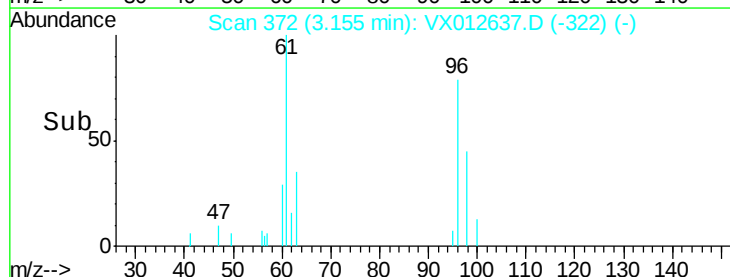
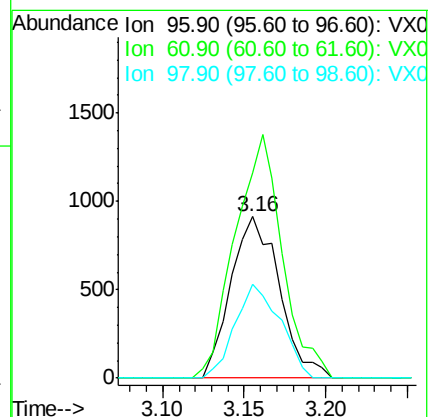
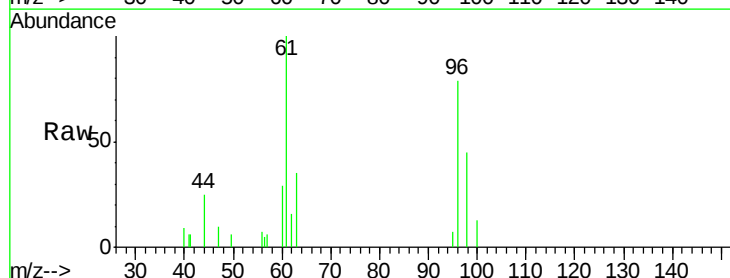
Tgt Ion: 96 Resp: 1898

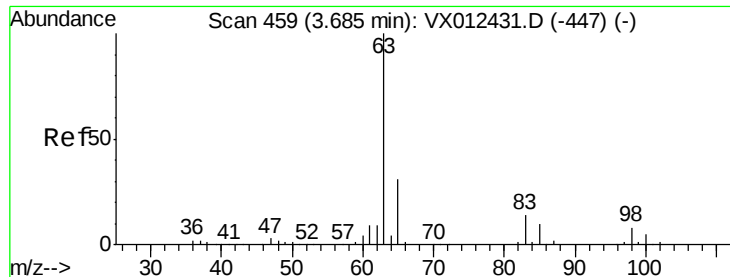
Ion Ratio Lower Upper

96 100

61 127.1 112.0 168.0

98 57.7 47.8 71.8





#24

1,1-Dichloroethane

Concen: 1.650 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012637.D

Acq: 24 Sep 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

S49-0518

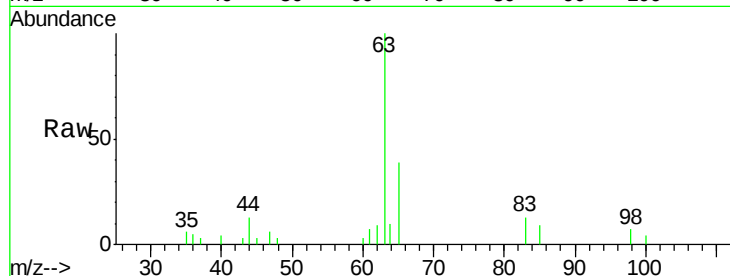
Tot Ion: 63 Resp: 5979

Ion Ratio Lower Upper

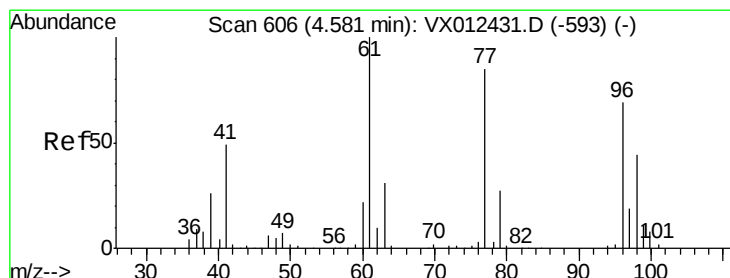
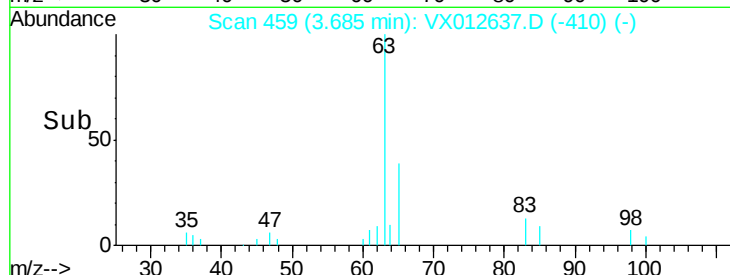
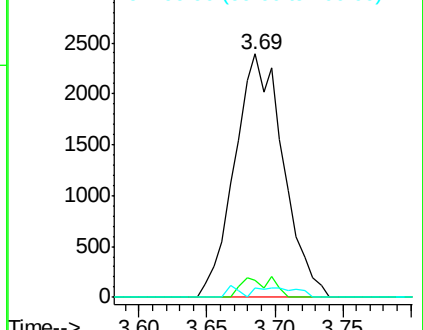
63 100

98 7.0 3.9 11.7

100 3.7 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 1.131 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX012637.D

Acq: 24 Sep 2019 16:54

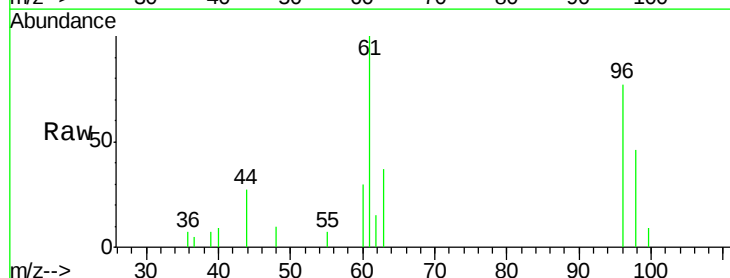
Tgt Ion: 96 Resp: 2528

Ion Ratio Lower Upper

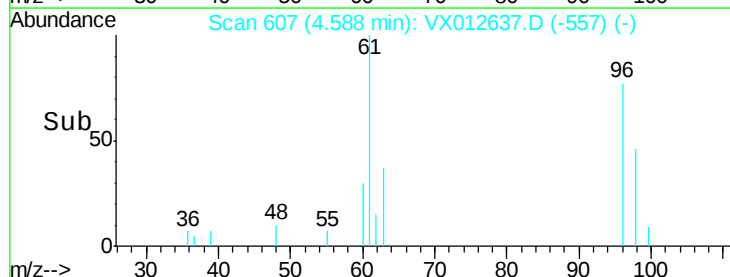
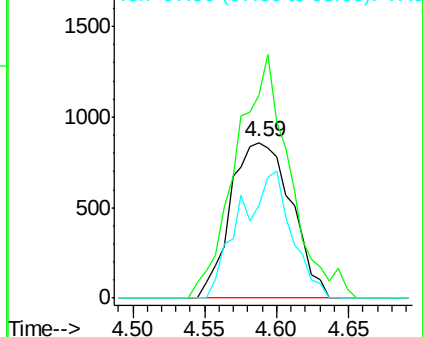
96 100

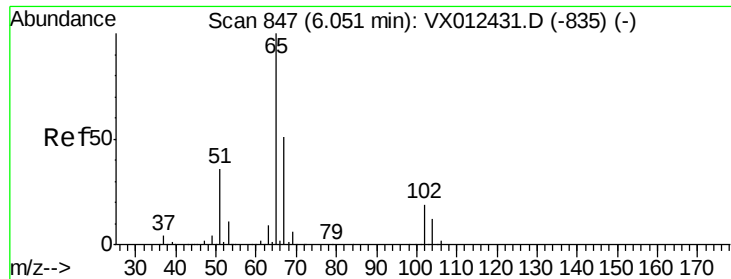
61 138.3 0.0 319.4

98 69.1 0.0 130.6



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

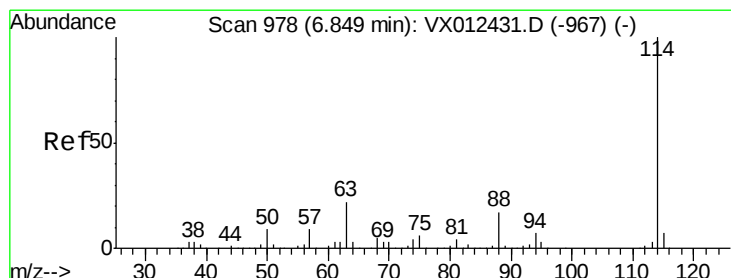
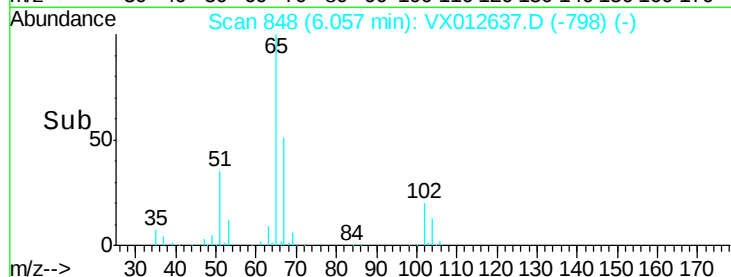
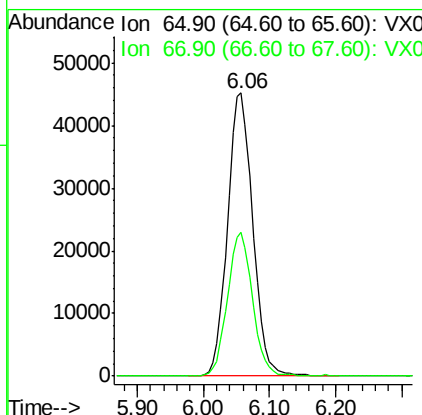
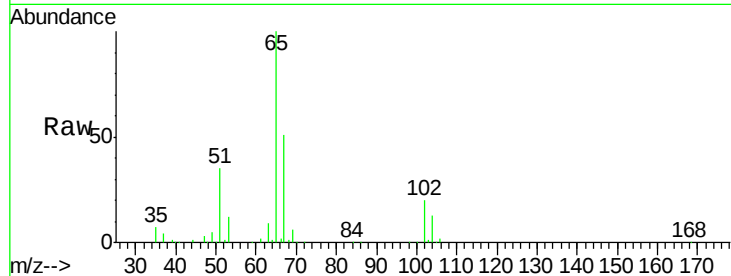




#33
 1,2-Dichloroethane-d4
 Concen: 50.702 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012637.D
 Acq: 24 Sep 2019 16:54

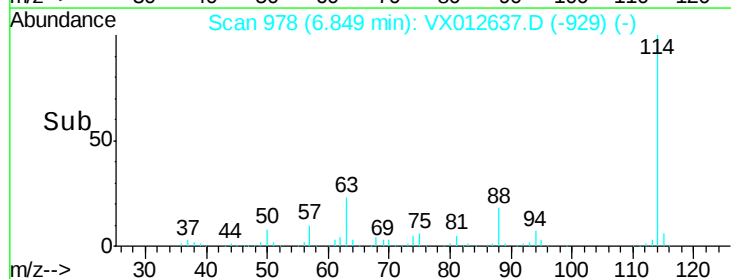
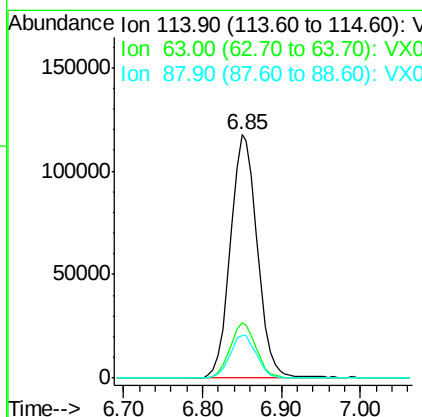
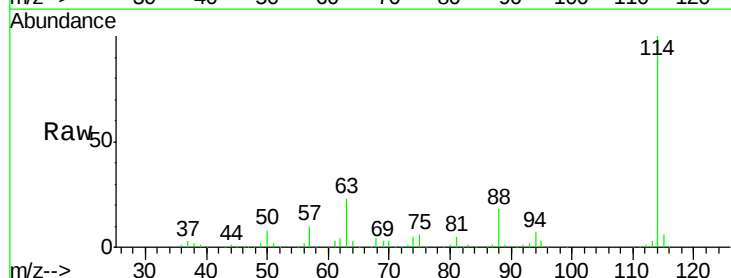
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0518

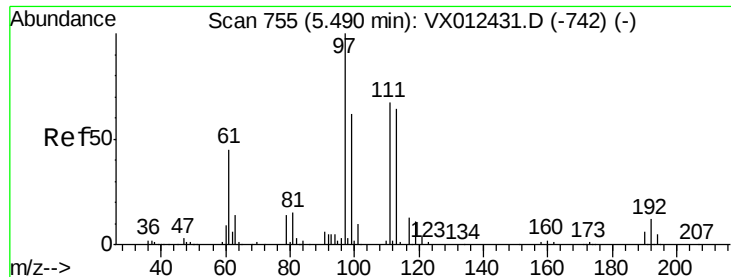
Tot Ion: 65 Resp: 119425
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012637.D
 Acq: 24 Sep 2019 16:54

Tgt Ion: 114 Resp: 278448
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 43.2
 88 17.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.692 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012637.D

Acq: 24 Sep 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

S49-0518

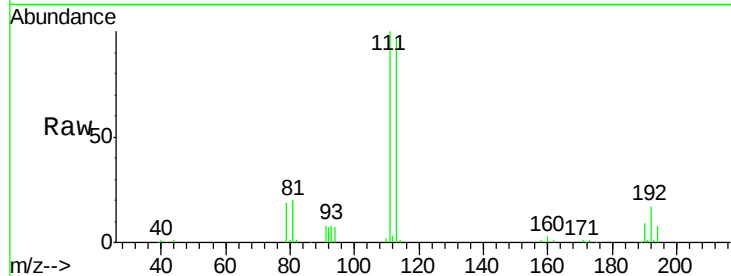
Tot Ion:113 Resp: 84062

Ion Ratio Lower Upper

113 100

111 104.2 83.4 125.2

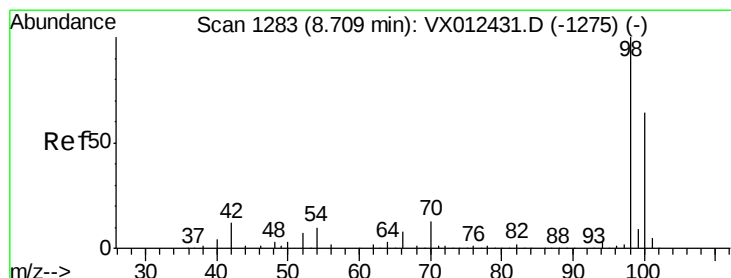
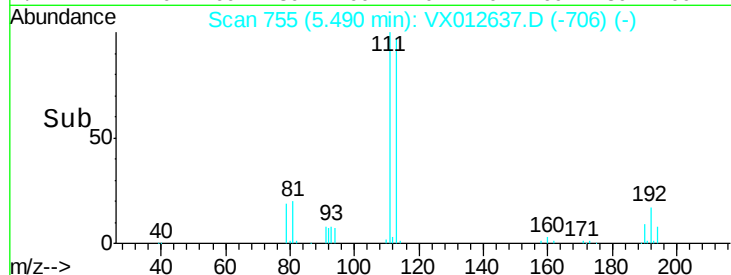
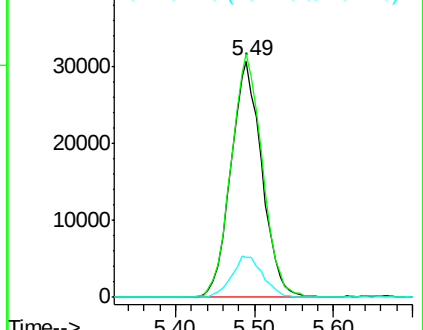
192 17.7 14.4 21.6



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: 50.820 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012637.D

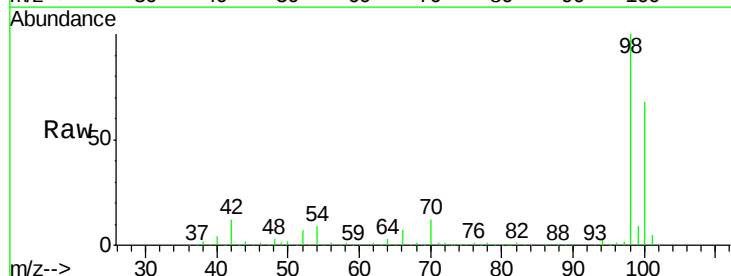
Acq: 24 Sep 2019 16:54

Tgt Ion: 98 Resp: 324543

Ion Ratio Lower Upper

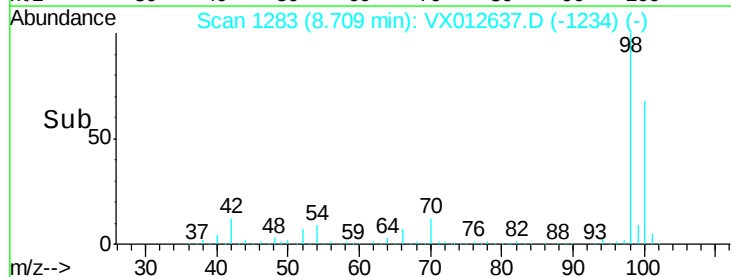
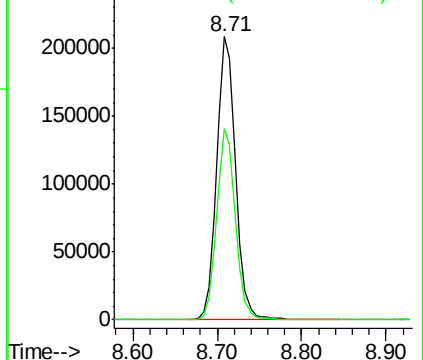
98 100

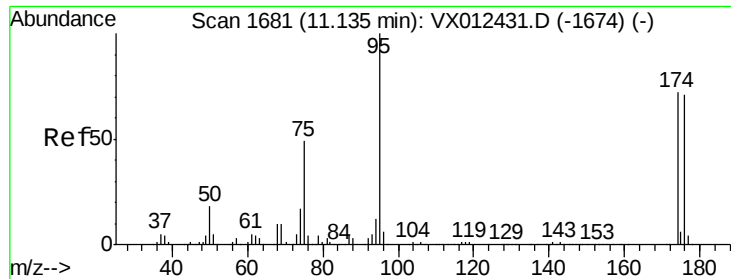
100 66.6 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 41.701 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012637.D

Acq: 24 Sep 2019 16:54

Instrument :

MSVOA_X

ClientSampled :

S49-0518

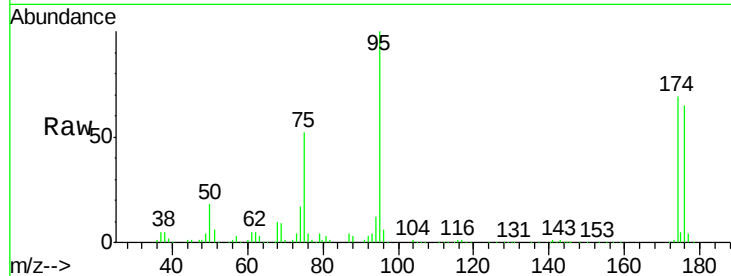
Tot Ion: 95 Resp: 104714

Ion Ratio Lower Upper

95 100

174 66.0 0.0 140.0

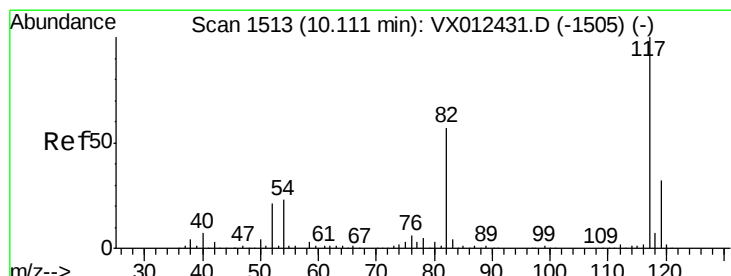
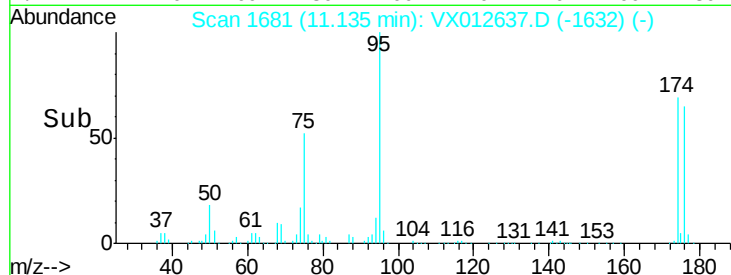
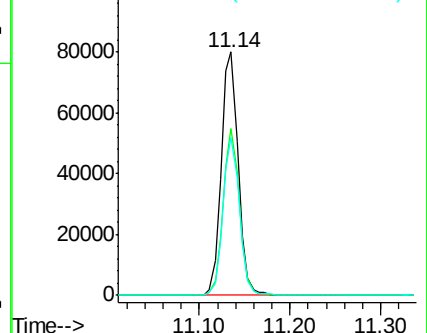
176 63.0 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012637.D

Acq: 24 Sep 2019 16:54

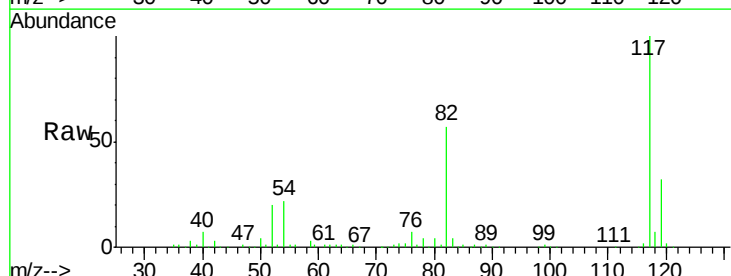
Tgt Ion: 117 Resp: 228443

Ion Ratio Lower Upper

117 100

82 56.6 45.9 68.9

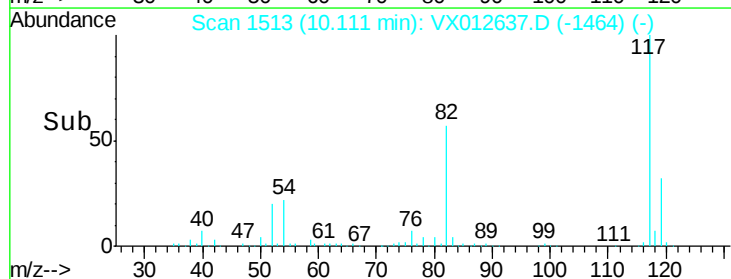
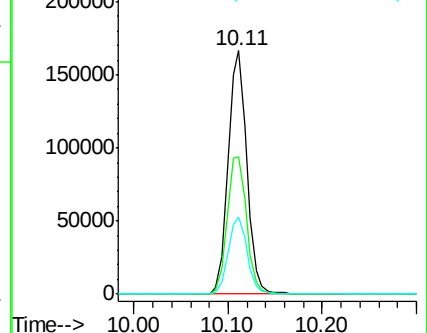
119 31.8 25.3 37.9

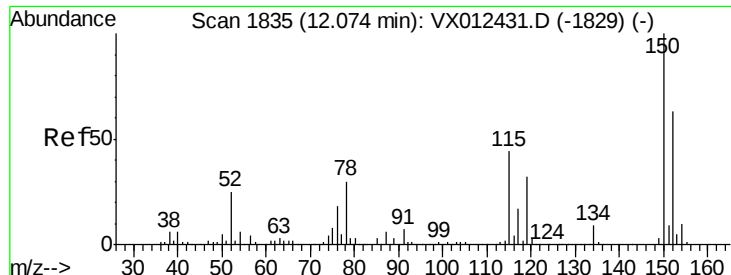


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012637.D

Acq: 24 Sep 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

S49-0518

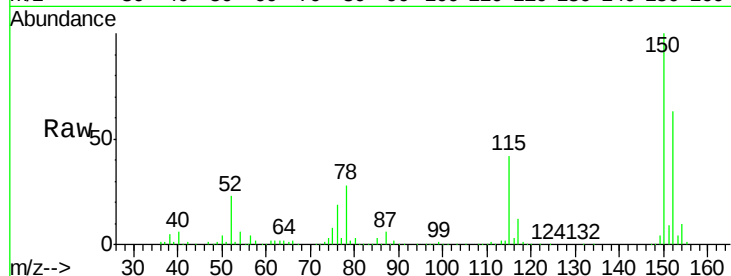
Tot Ion:152 Resp: 77519

Ion Ratio Lower Upper

152 100

115 68.3 44.1 132.3

150 158.6 0.0 343.8



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

