

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101119\
 Data File : VX013023.D
 Acq On : 11 Oct 2019 17:53
 Operator : JC/SP
 Sample : K5261-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0551

Quant Time: Oct 14 09:14:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

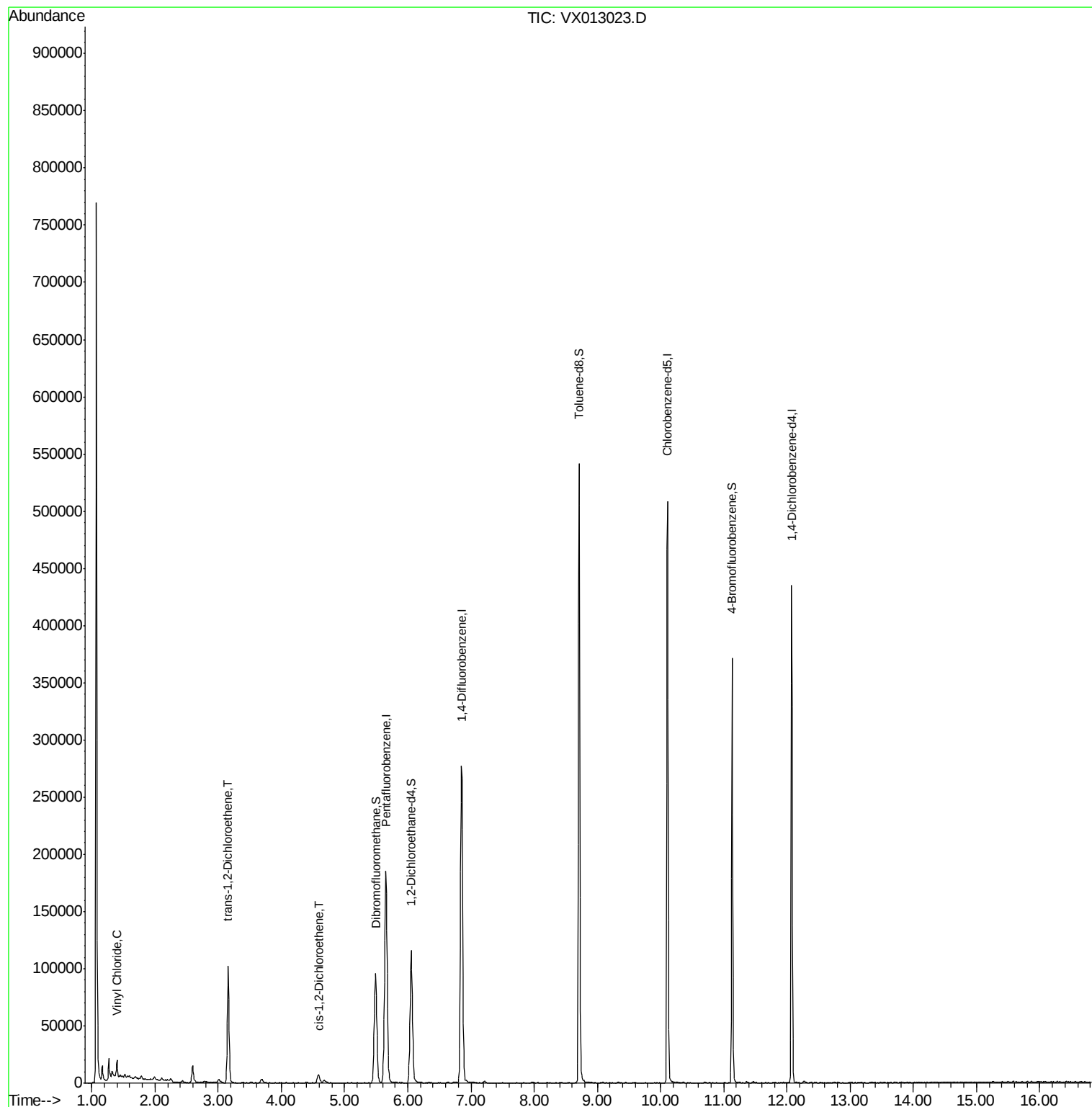
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	279550	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	232217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	87651	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	108161	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
35) Dibromofluoromethane	5.49	113	83538	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
50) Toluene-d8	8.71	98	325251	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
62) 4-Bromofluorobenzene	11.14	95	105013	43.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.38%	
Target Compounds						
4) Vinyl Chloride	1.40	62	5179	2.665	ug/l #	87
21) trans-1,2-Dichloroethene	3.15	96	42746	23.251	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	4432	2.091	ug/l	91

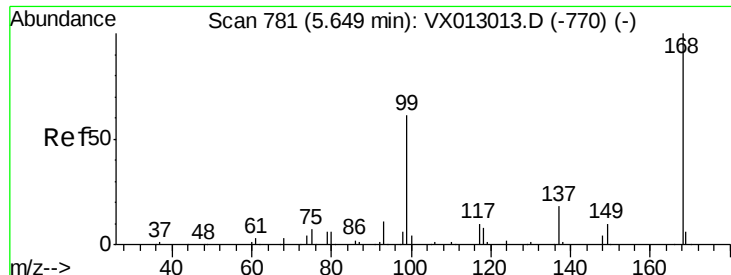
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101119\
Data File : VX013023.D
Acq On : 11 Oct 2019 17:53
Operator : JC/SP
Sample : K5261-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S49-0551

Quant Time: Oct 14 09:14:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:48:22 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX013023.D

Acq: 11 Oct 2019 17:53

Instrument :

MSVOA_X

ClientSampleId :

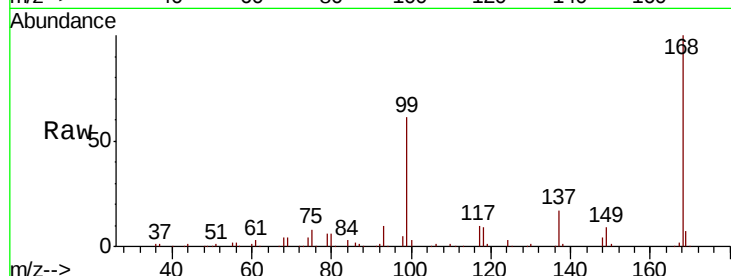
S49-0551

Tot Ion:168 Resp: 169734

Ion Ratio Lower Upper

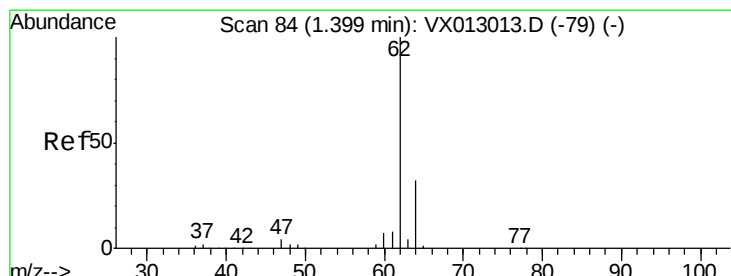
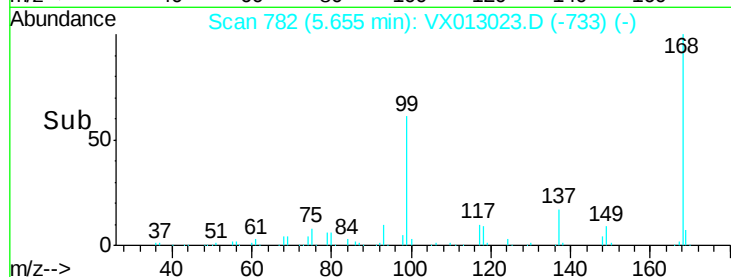
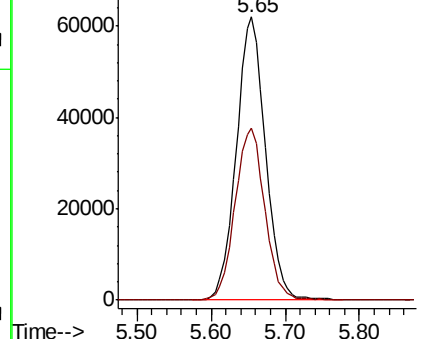
168 100

99 60.9 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 2.665 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013023.D

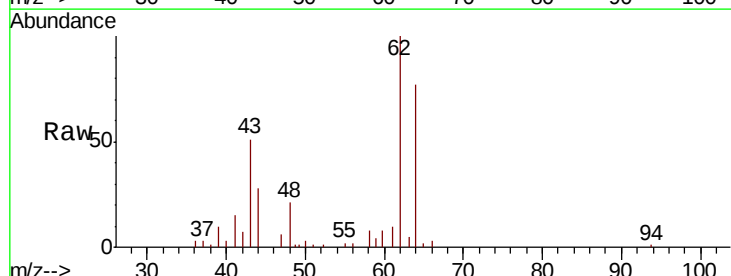
Acq: 11 Oct 2019 17:53

Tgt Ion: 62 Resp: 5179

Ion Ratio Lower Upper

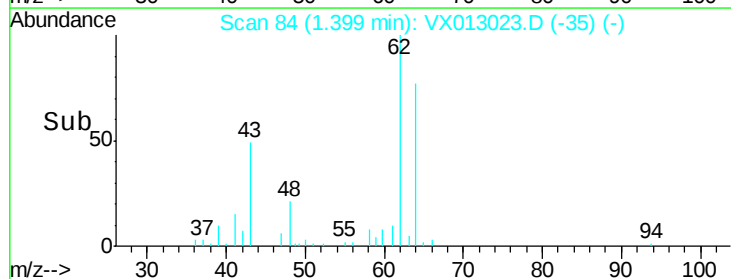
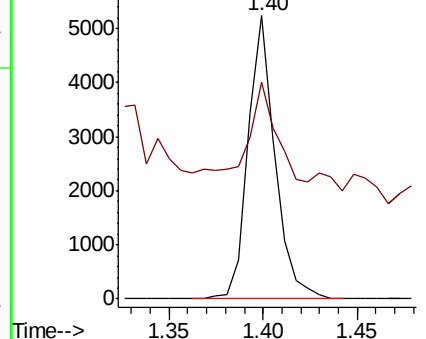
62 100

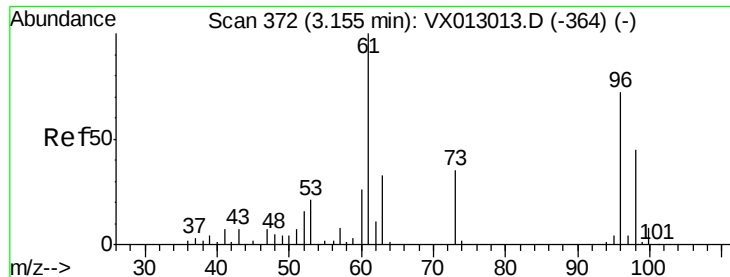
64 38.8 25.3 37.9#



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: 23.251 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013023.D

Acq: 11 Oct 2019 17:53

Instrument :

MSVOA_X

ClientSampleId :

S49-0551

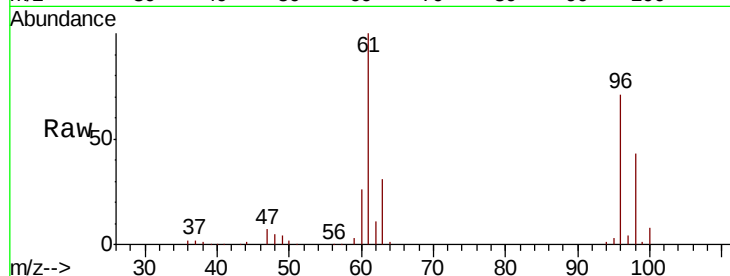
Tot Ion: 96 Resp: 42746

Ion Ratio Lower Upper

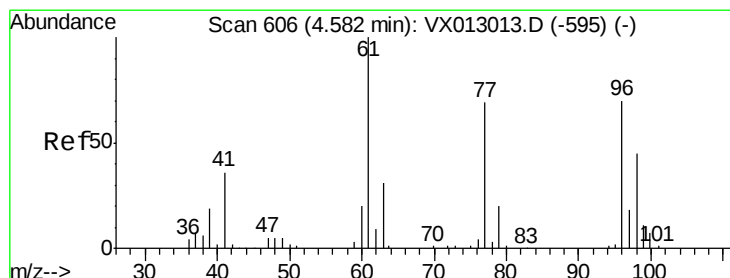
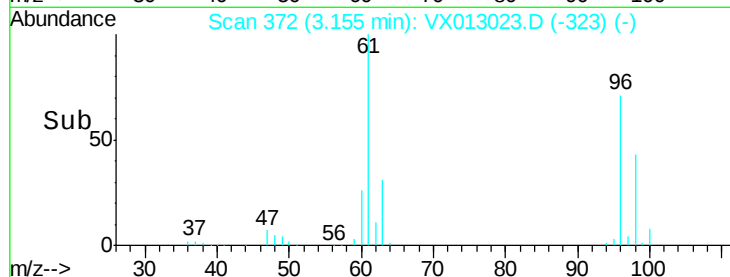
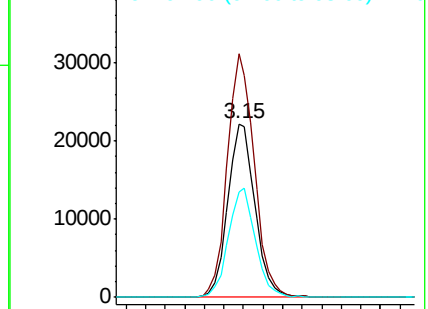
96 100

61 140.3 110.4 165.6

98 60.6 51.5 77.3



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



#27

cis-1,2-Dichloroethene

Concen: 2.091 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX013023.D

Acq: 11 Oct 2019 17:53

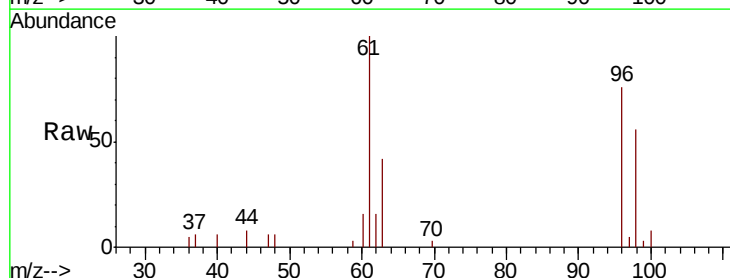
Tgt Ion: 96 Resp: 4432

Ion Ratio Lower Upper

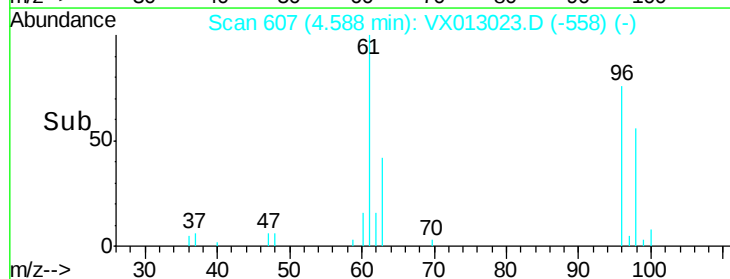
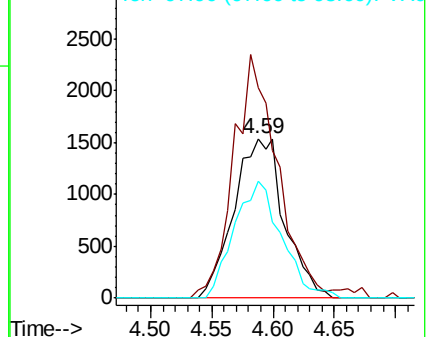
96 100

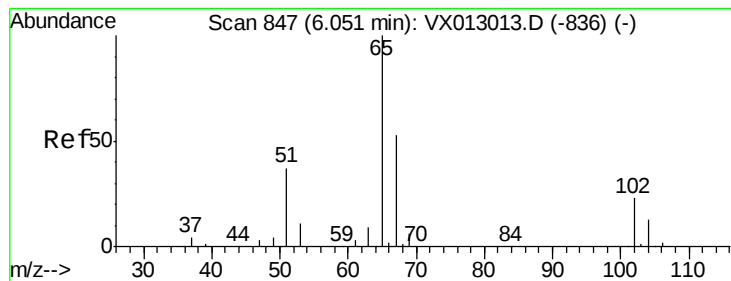
61 132.7 0.0 290.6

98 68.5 0.0 128.8



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





#33

1,2-Dichloroethane-d4

Concen: 50.984 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX013023.D

Acq: 11 Oct 2019 17:53

Instrument :

MSVOA_X

ClientSampleId :

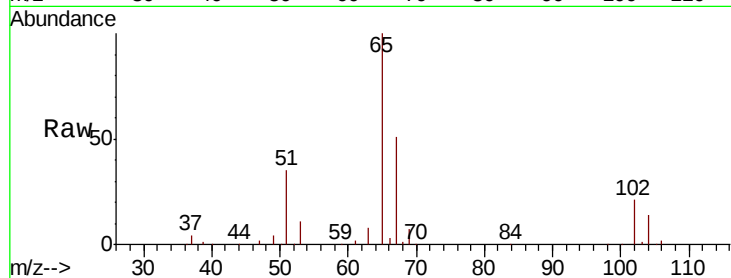
S49-0551

Tot Ion: 65 Resp: 108161

Ion Ratio Lower Upper

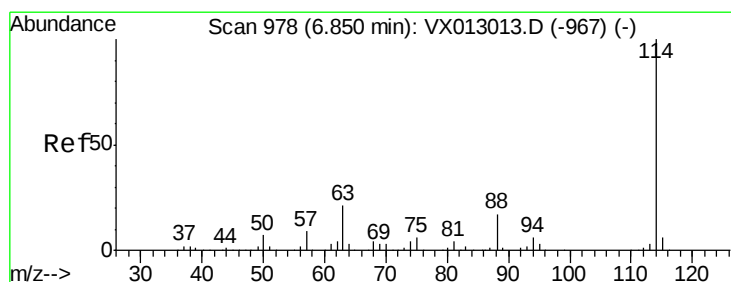
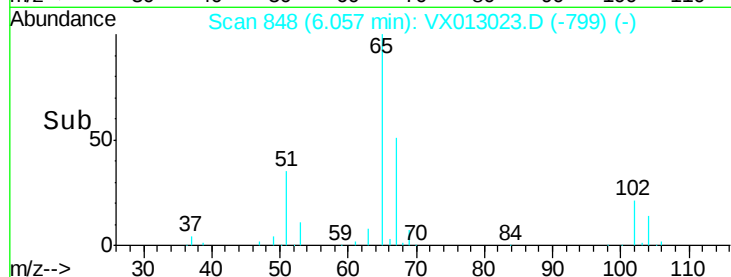
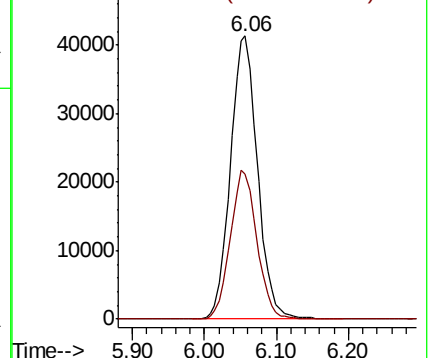
65 100

67 51.7 0.0 104.4



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# 978

Delta R.T. -0.00 min

Lab File: VX013023.D

Acq: 11 Oct 2019 17:53

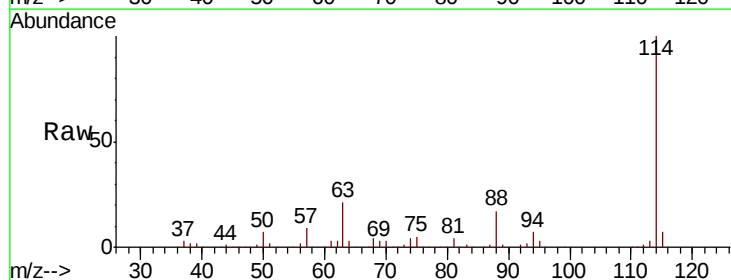
Tgt Ion: 114 Resp: 279550

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.8

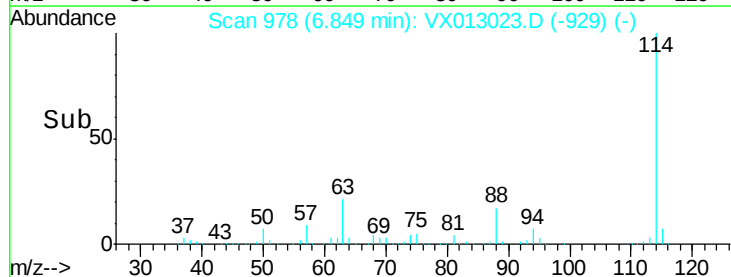
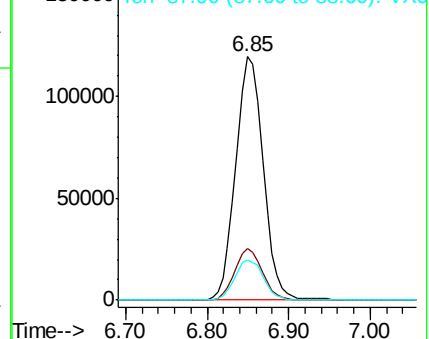
88 16.6 0.0 33.8

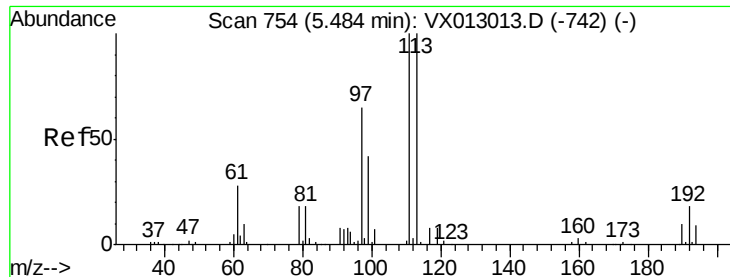


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.066 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013023.D

Acq: 11 Oct 2019 17:53

Instrument :

MSVOA_X

ClientSampleId :

S49-0551

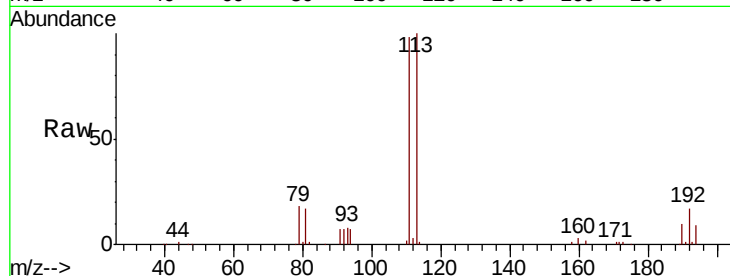
Tot Ion:113 Resp: 83538

Ion Ratio Lower Upper

113 100

111 100.5 83.2 124.8

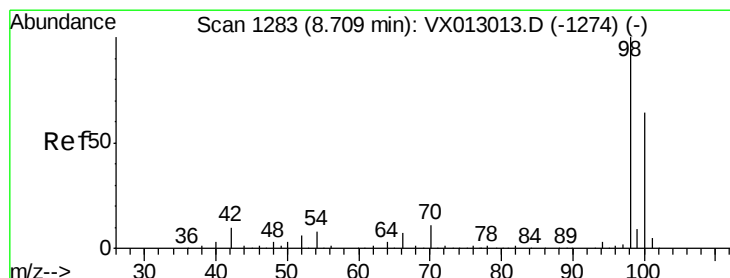
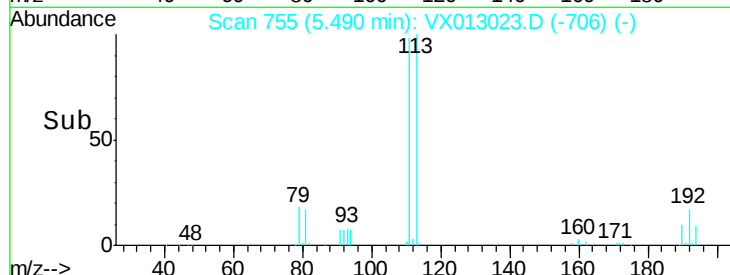
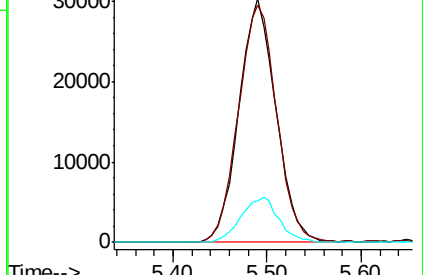
192 18.8 15.4 23.2



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: 51.975 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013023.D

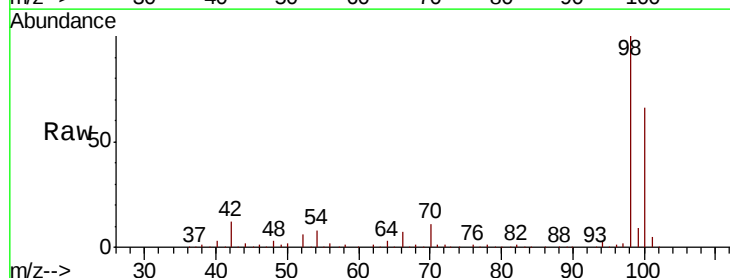
Acq: 11 Oct 2019 17:53

Tgt Ion: 98 Resp: 325251

Ion Ratio Lower Upper

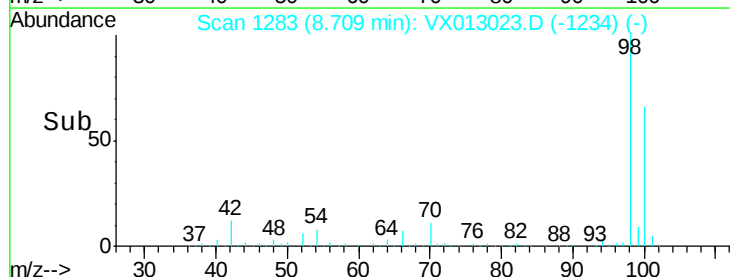
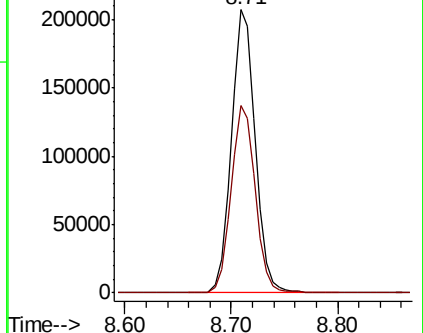
98 100

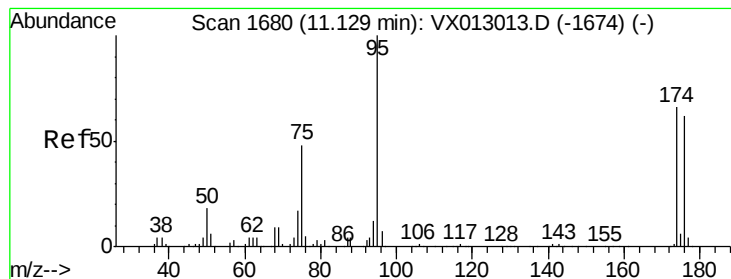
100 67.3 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 43.188 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013023.D

Acq: 11 Oct 2019 17:53

Instrument :

MSVOA_X

ClientSampled :

S49-0551

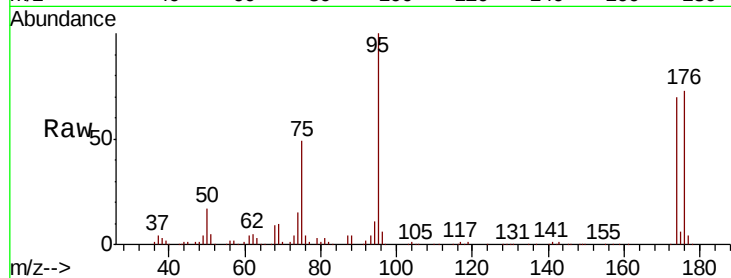
Tot Ion: 95 Resp: 105013

Ion Ratio Lower Upper

95 100

174 72.6 0.0 143.4

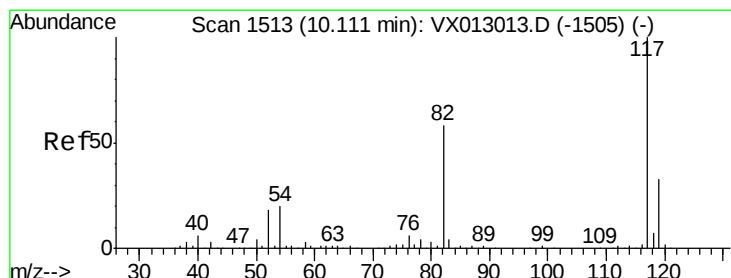
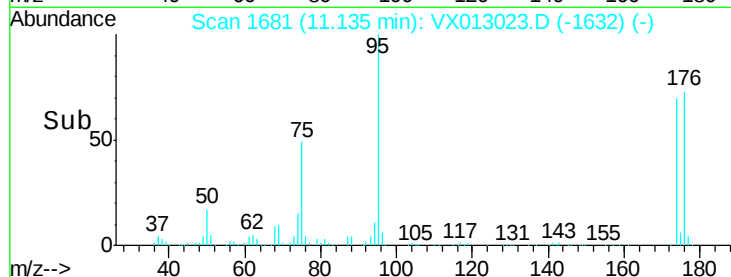
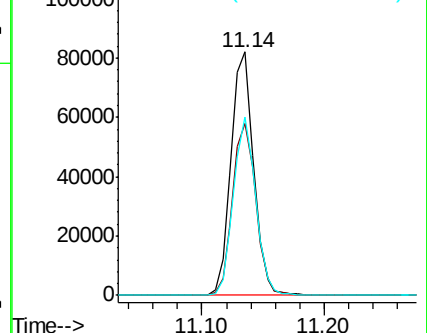
176 71.7 0.0 136.0



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# 1513

Delta R.T. -0.00 min

Lab File: VX013023.D

Acq: 11 Oct 2019 17:53

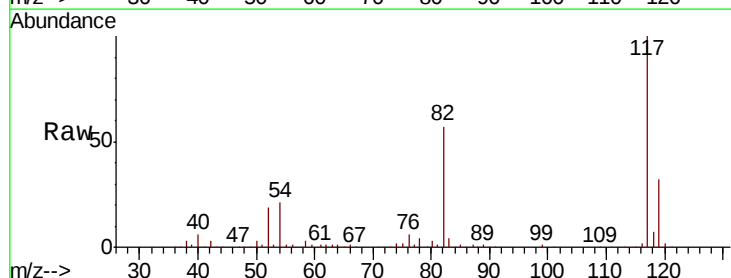
Tgt Ion: 117 Resp: 232217

Ion Ratio Lower Upper

117 100

82 56.9 44.1 66.1

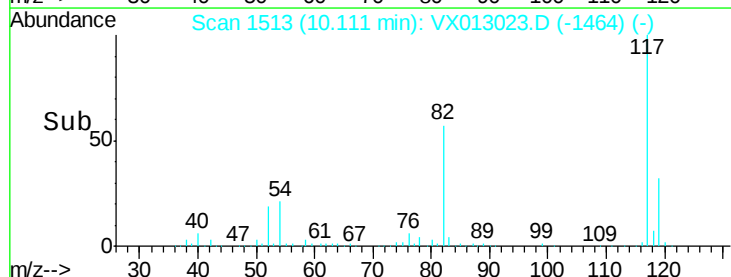
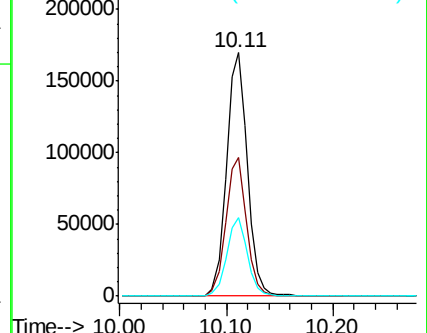
119 32.3 25.8 38.8

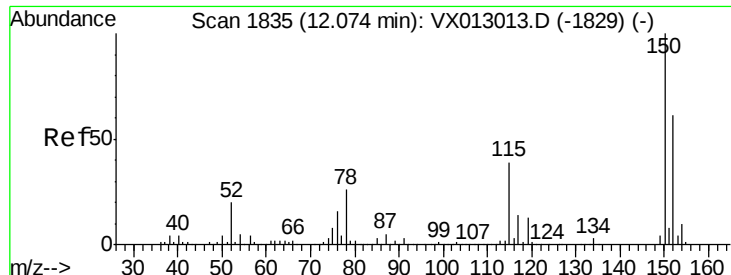


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013023.D

Acq: 11 Oct 2019 17:53

Instrument :

MSVOA_X

ClientSampleId :

S49-0551

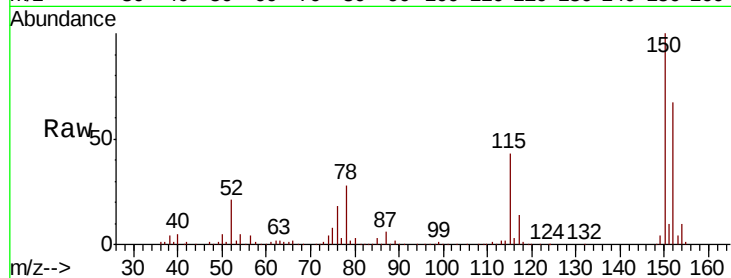
Tot Ion:152 Resp: 87651

Ion Ratio Lower Upper

152 100

115 62.7 44.5 133.5

150 155.3 0.0 353.4



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

