

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
 Data File : VX013048.D
 Acq On : 14 Oct 2019 13:46
 Operator : JC/SP
 Sample : K5312-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0559

Quant Time: Oct 15 09:13:39 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

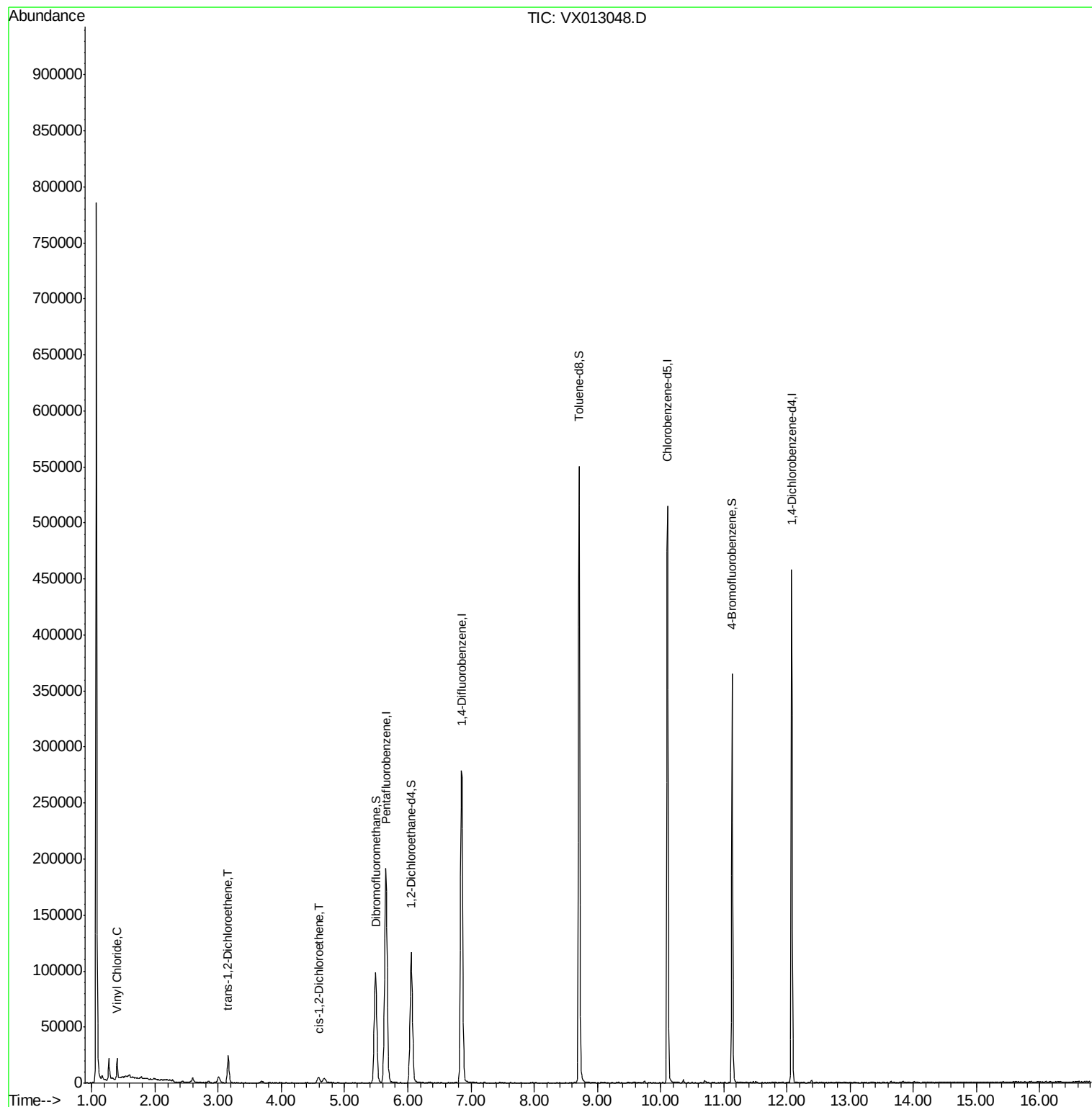
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	178630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	285310	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	88303	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	109234	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
35) Dibromofluoromethane	5.49	113	86229	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
50) Toluene-d8	8.71	98	331377	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	11.13	95	106410	42.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.76%	
Target Compounds						
4) Vinyl Chloride	1.40	62	11115	5.434	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	10216	5.280	ug/l	91
27) cis-1,2-Dichloroethene	4.59	96	2895	1.298	ug/l	96

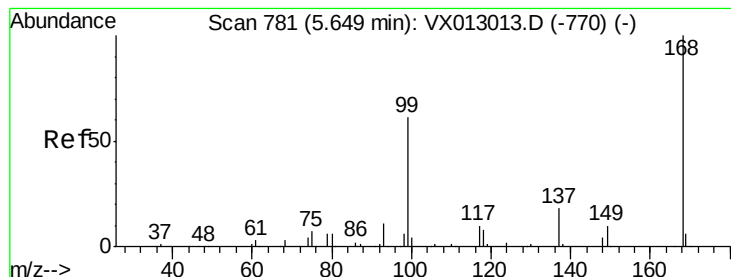
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013048.D

Acq: 14 Oct 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

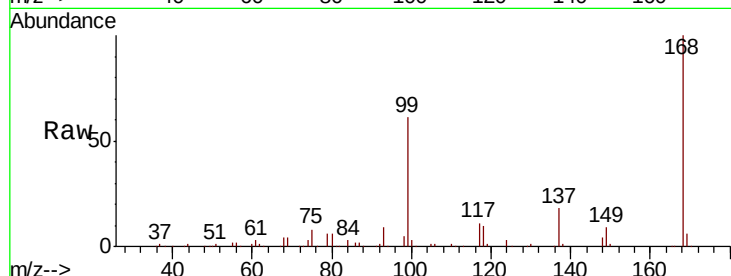
S49-0559

Tot Ion:168 Resp: 178630

Ion Ratio Lower Upper

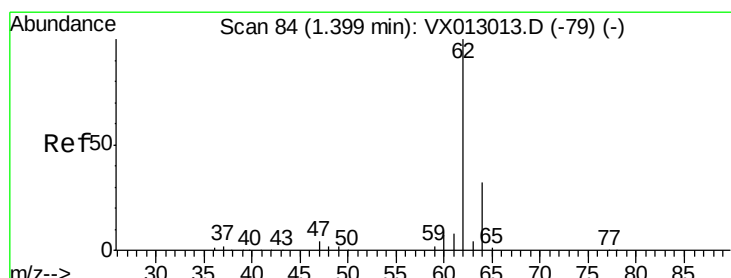
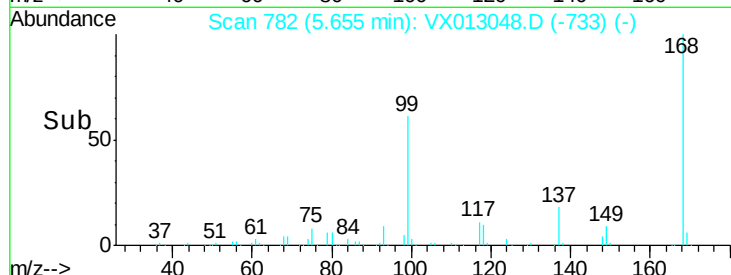
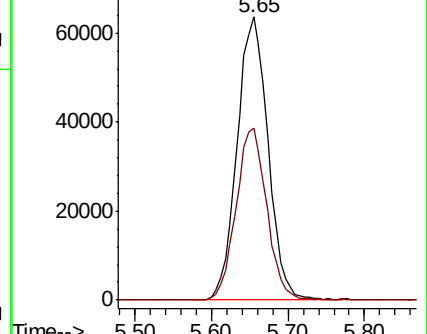
168 100

99 60.6 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: 5.434 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013048.D

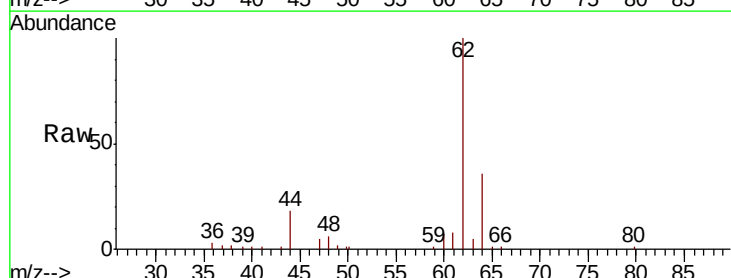
Acq: 14 Oct 2019 13:46

Tgt Ion: 62 Resp: 11115

Ion Ratio Lower Upper

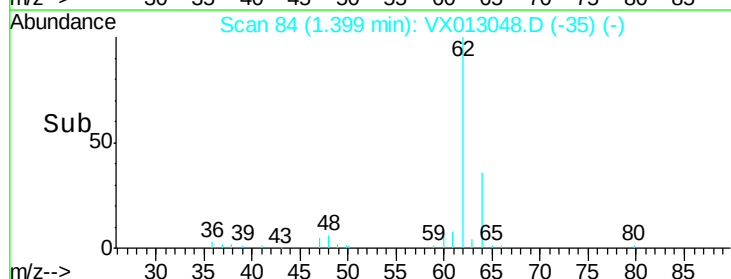
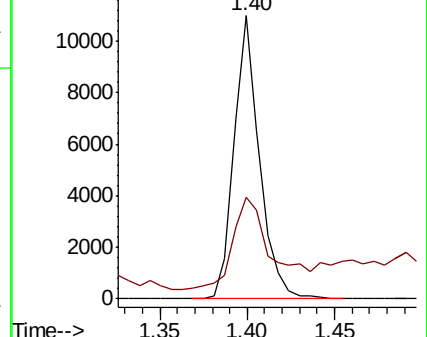
62 100

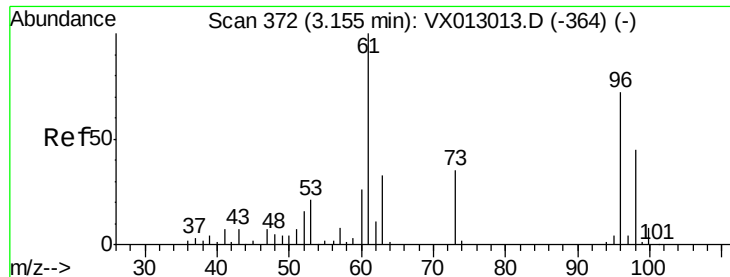
64 31.8 25.3 37.9



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: 5.280 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX013048.D

Acq: 14 Oct 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

S49-0559

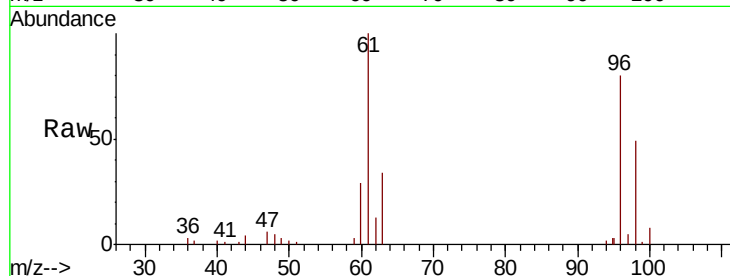
Tot Ion: 96 Resp: 10216

Ion Ratio Lower Upper

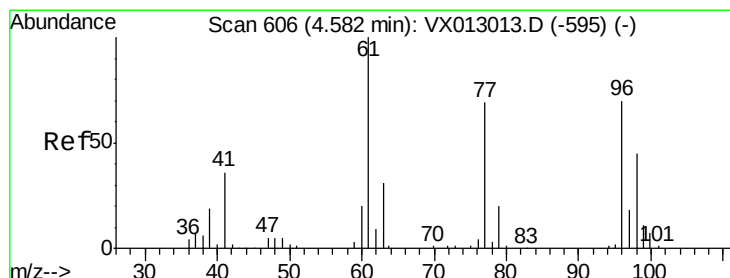
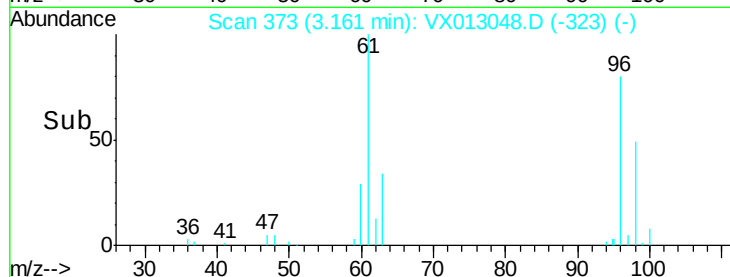
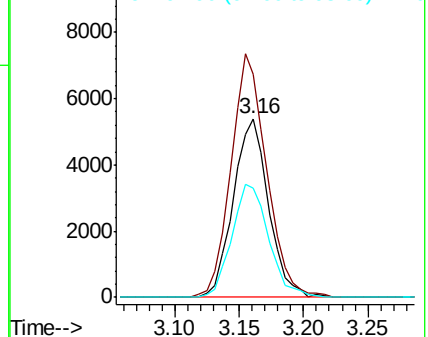
96 100

61 124.9 110.4 165.6

98 61.0 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: 1.298 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX013048.D

Acq: 14 Oct 2019 13:46

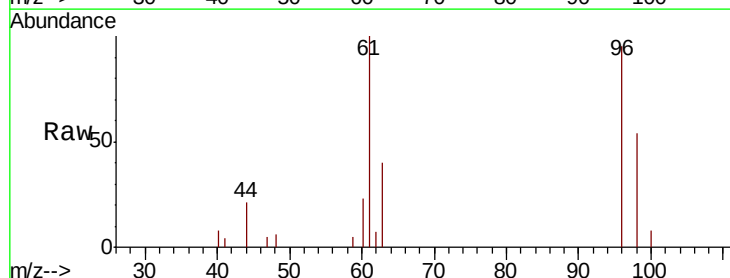
Tgt Ion: 96 Resp: 2895

Ion Ratio Lower Upper

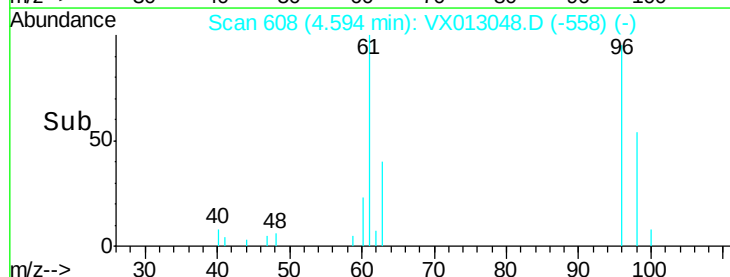
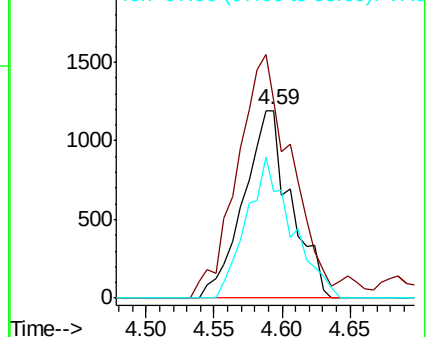
96 100

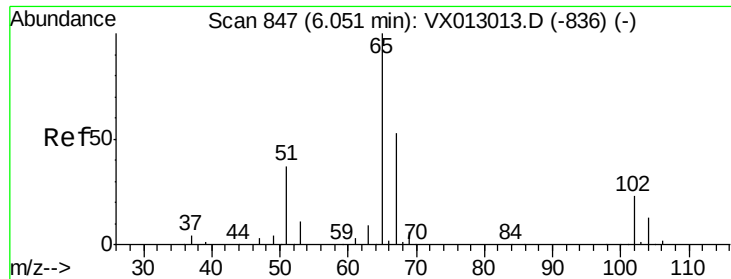
61 147.8 0.0 290.6

98 71.9 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

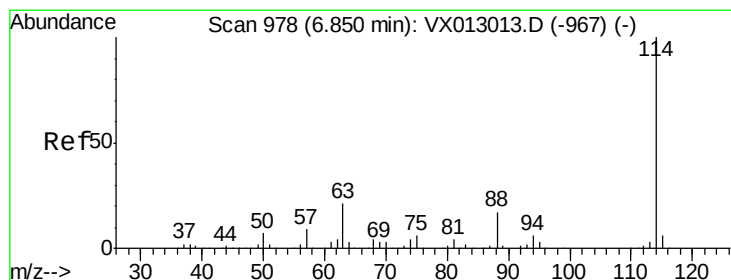
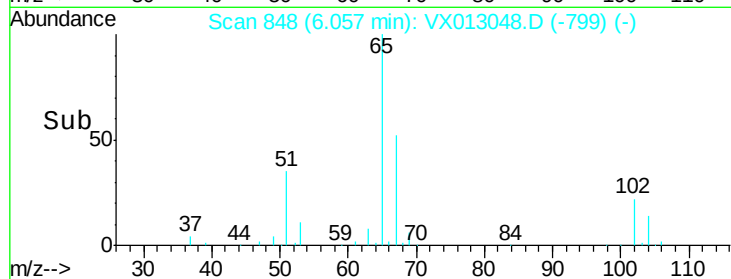
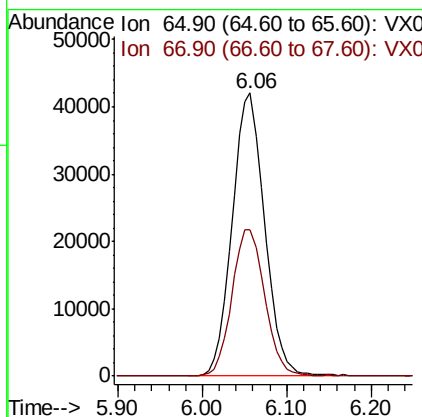
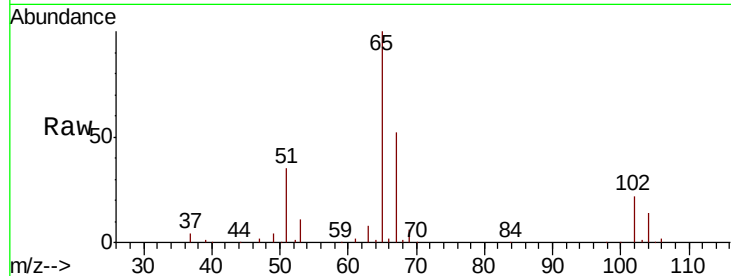




#33
 1,2-Dichloroethane-d4
 Concen: 48.926 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VX013048.D
 Acq: 14 Oct 2019 13:46

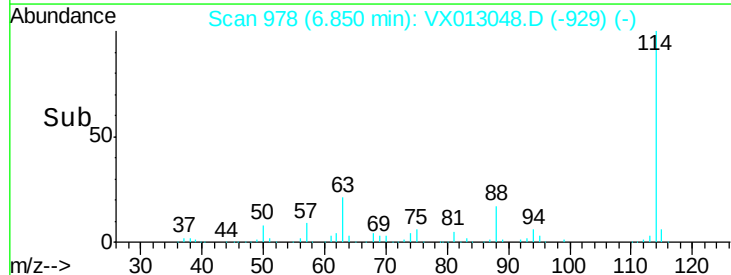
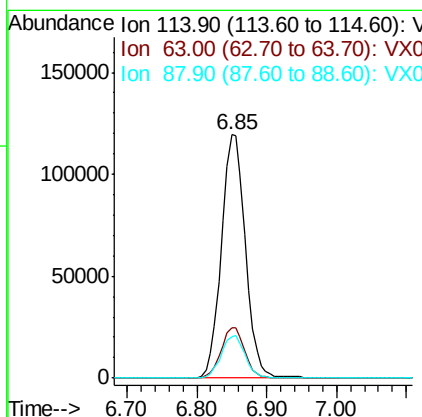
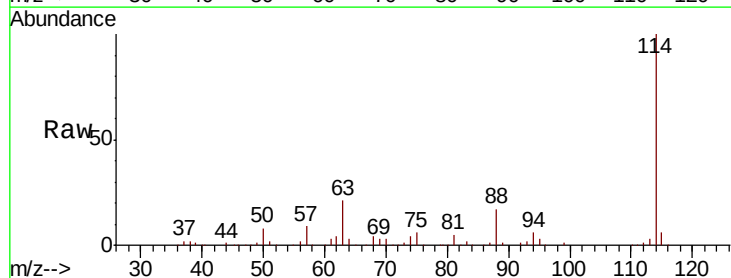
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0559

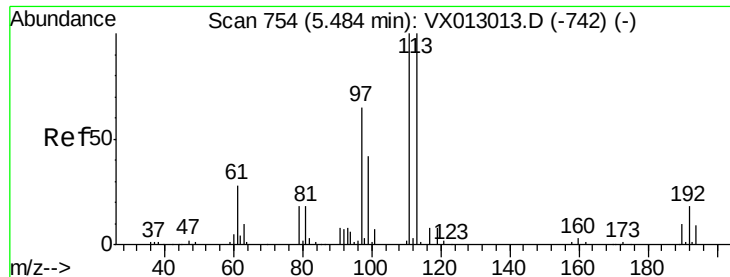
Tot Ion: 65 Resp: 109234
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013048.D
 Acq: 14 Oct 2019 13:46

Tgt Ion: 114 Resp: 285310
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 16.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 52.658 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013048.D

Acq: 14 Oct 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

S49-0559

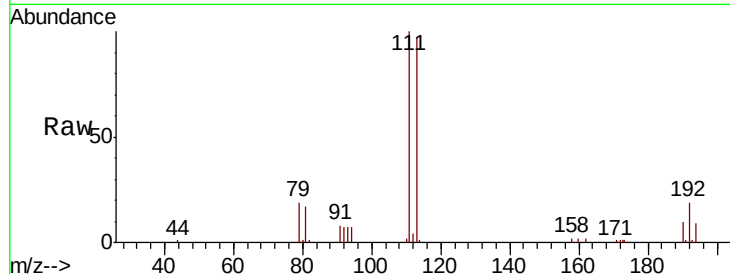
Tot Ion:113 Resp: 86229

Ion Ratio Lower Upper

113 100

111 103.9 83.2 124.8

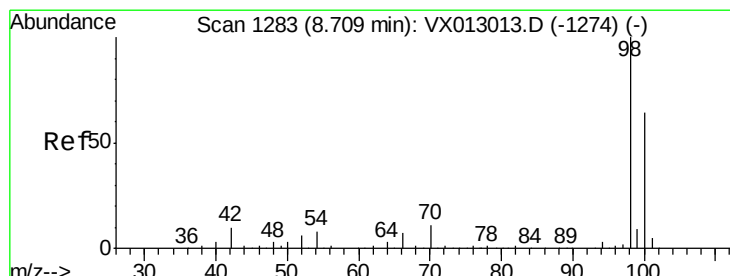
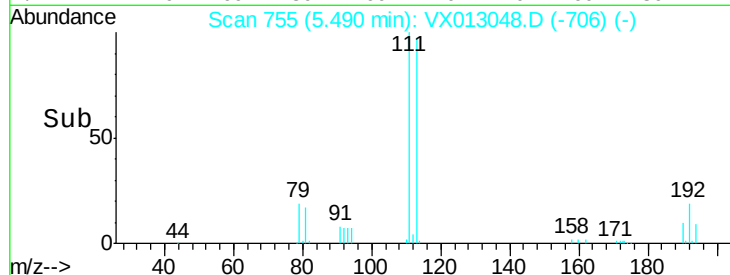
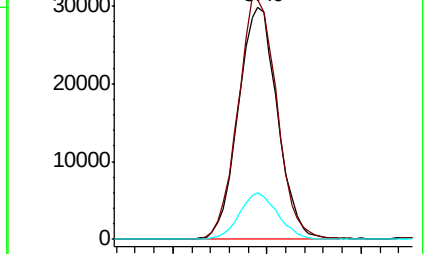
192 19.5 15.4 23.2



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: 51.885 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013048.D

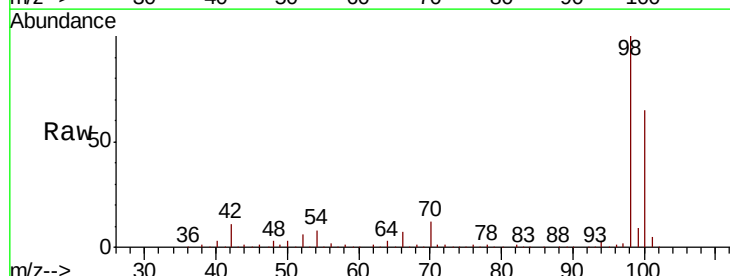
Acq: 14 Oct 2019 13:46

Tgt Ion: 98 Resp: 331377

Ion Ratio Lower Upper

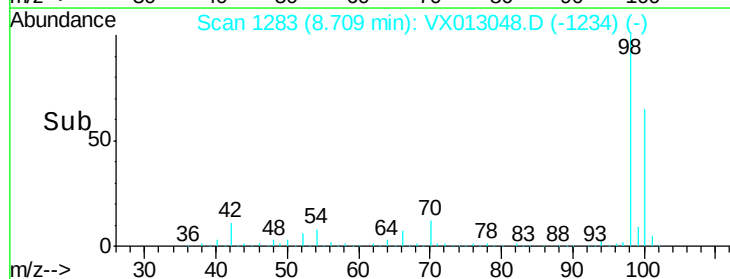
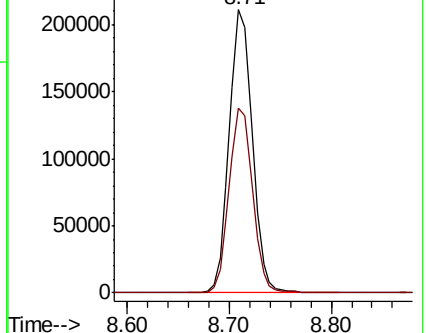
98 100

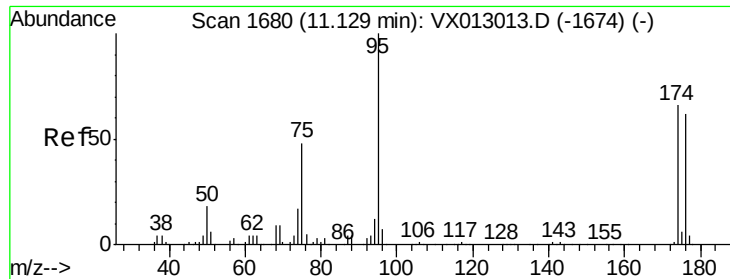
100 66.5 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.879 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013048.D

Acq: 14 Oct 2019 13:46

Instrument :

MSVOA_X

ClientSampled :

S49-0559

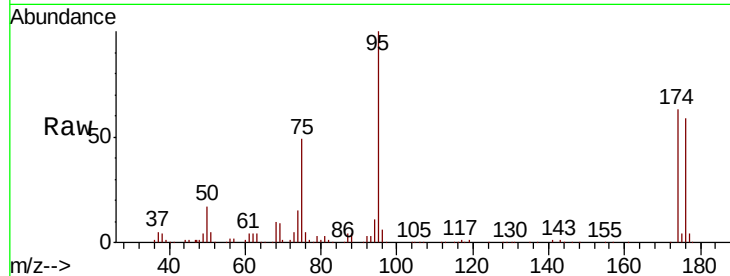
Tot Ion: 95 Resp: 106410

Ion Ratio Lower Upper

95 100

174 73.1 0.0 143.4

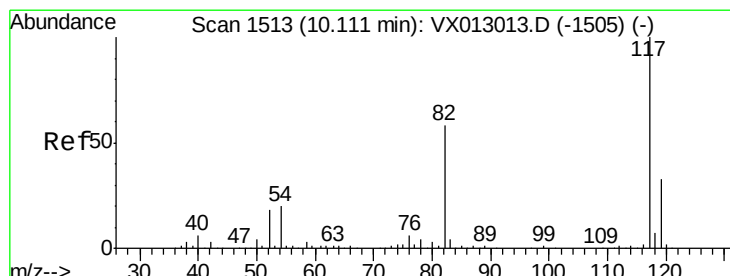
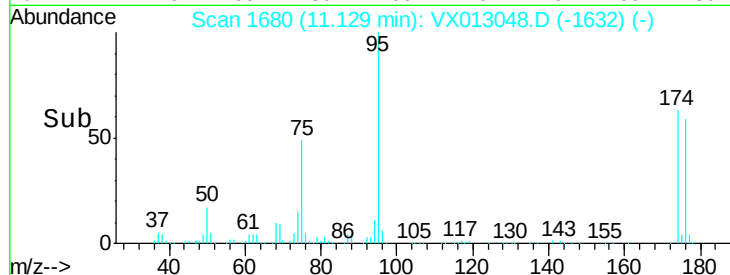
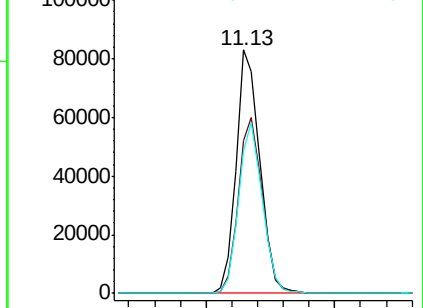
176 69.7 0.0 136.0



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: VX013048.D

Acq: 14 Oct 2019 13:46

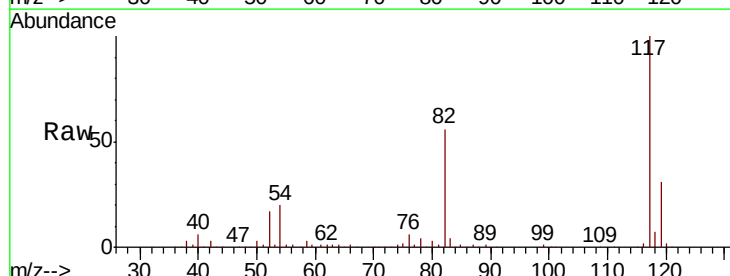
Tgt Ion: 117 Resp: 240574

Ion Ratio Lower Upper

117 100

82 56.3 44.1 66.1

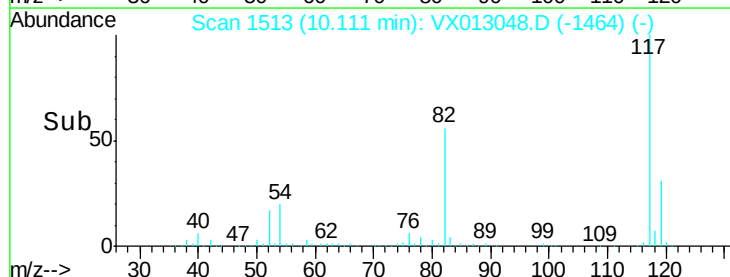
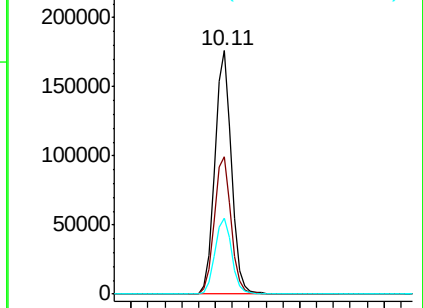
119 31.2 25.8 38.8

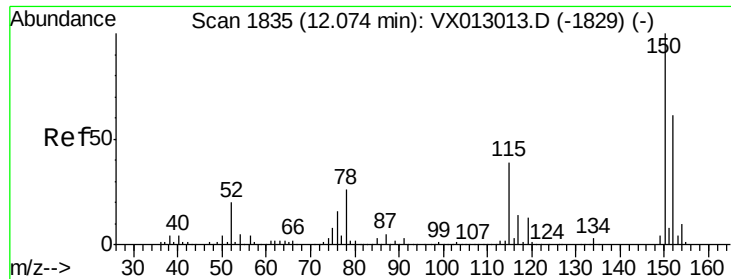


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

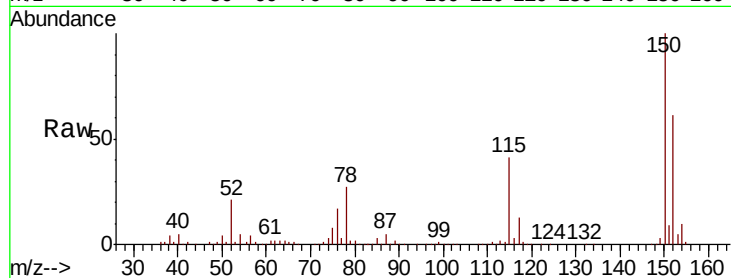




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX013048.D
 Acq: 14 Oct 2019 13:46

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0559

Tot Ion:152 Resp: 88303
 Ion Ratio Lower Upper
 152 100
 115 66.1 44.5 133.5
 150 161.0 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

