

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
 Data File : VX013049.D
 Acq On : 14 Oct 2019 14:09
 Operator : JC/SP
 Sample : K5312-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0549

Quant Time: Oct 15 09:15:04 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

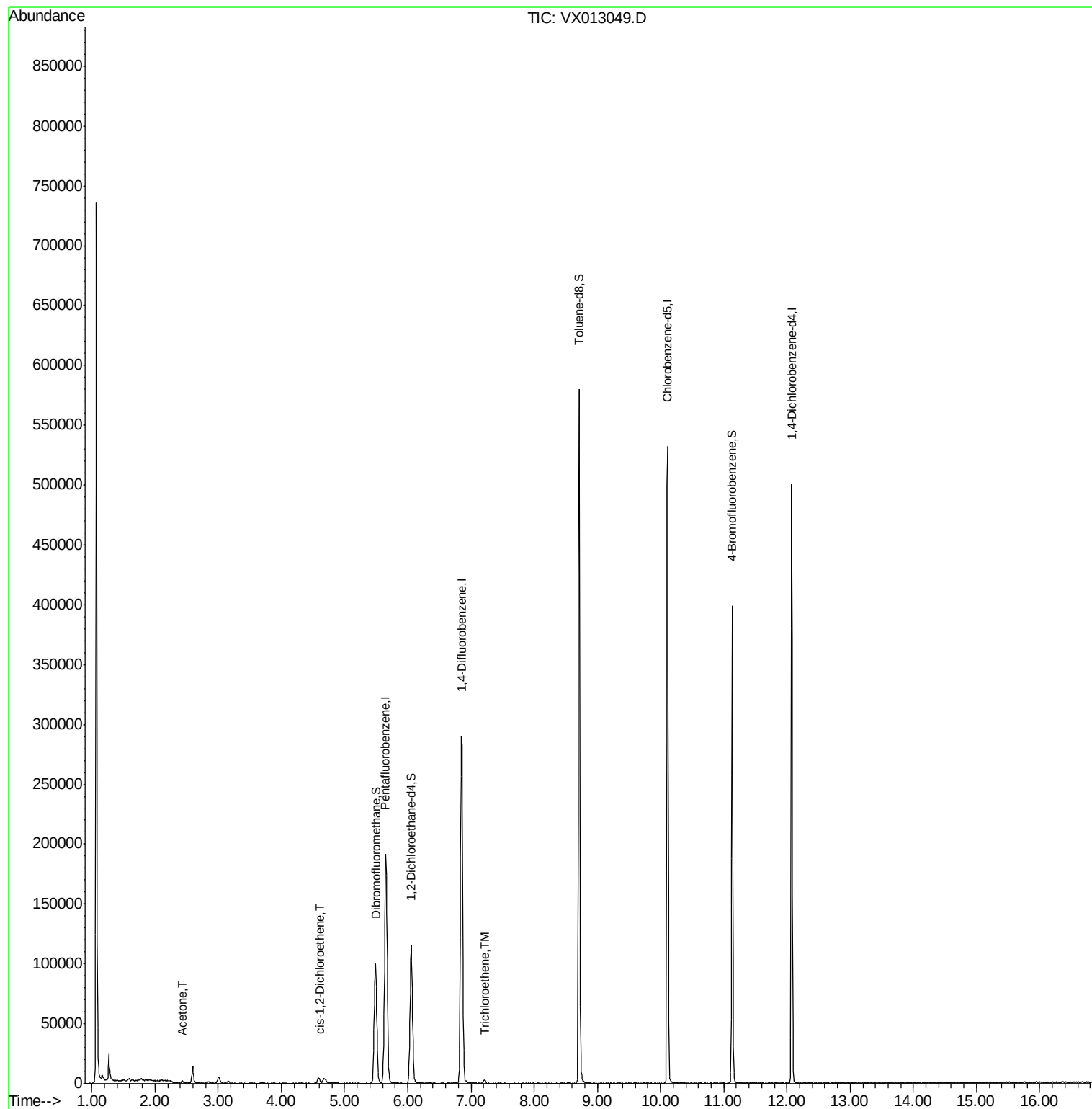
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	180602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	296474	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98053	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	109706	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
35) Dibromofluoromethane	5.49	113	88414	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
50) Toluene-d8	8.71	98	342138	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	11.14	95	111715	43.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.64%	
Target Compounds						
16) Acetone	2.43	43	2227	1.872	ug/l #	88
27) cis-1,2-Dichloroethene	4.61	96	3203	1.421	ug/l	86
44) Trichloroethene	7.22	130	1332	0.624	ug/l	96

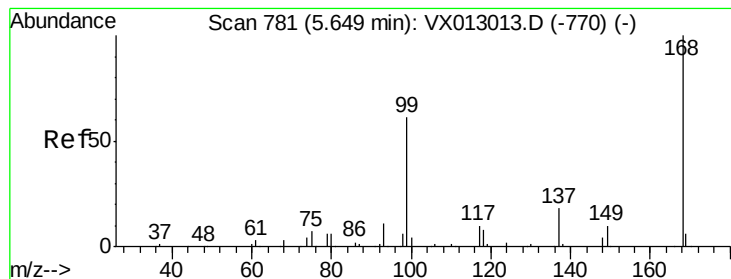
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013049.D

Acq: 14 Oct 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

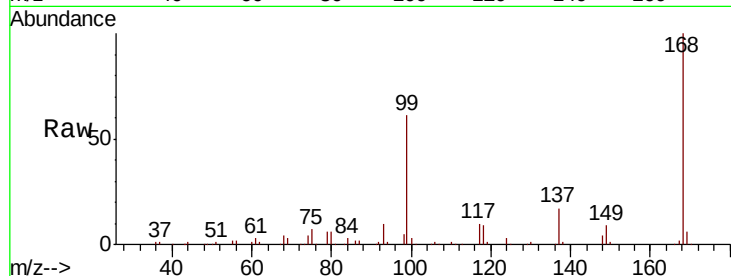
S49-0549

Tot Ion:168 Resp: 180602

Ion Ratio Lower Upper

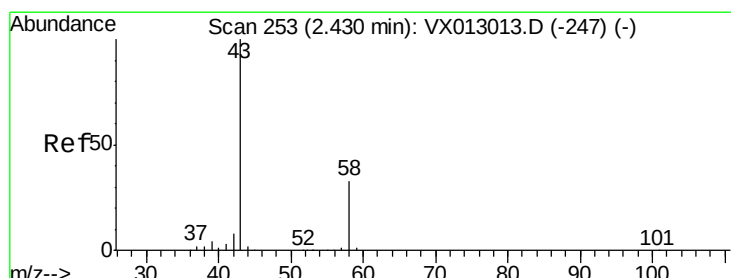
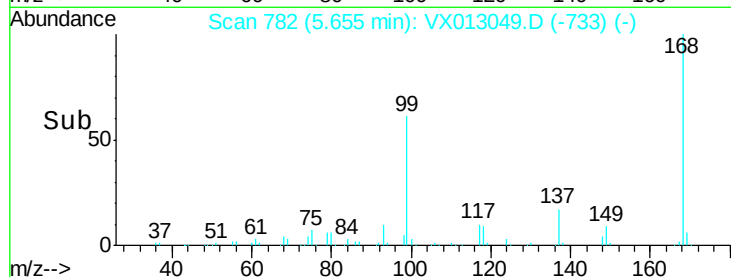
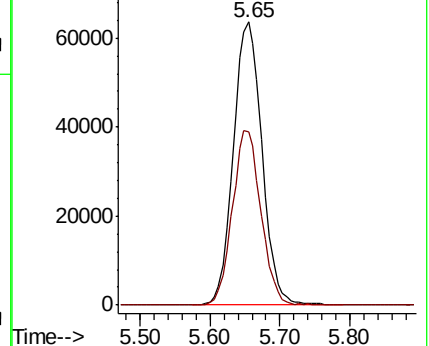
168 100

99 61.1 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 1.872 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013049.D

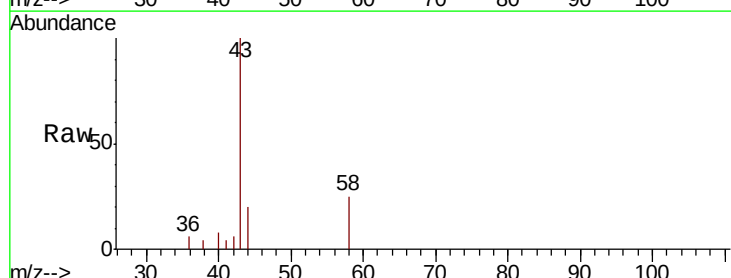
Acq: 14 Oct 2019 14:09

Tgt Ion: 43 Resp: 2227

Ion Ratio Lower Upper

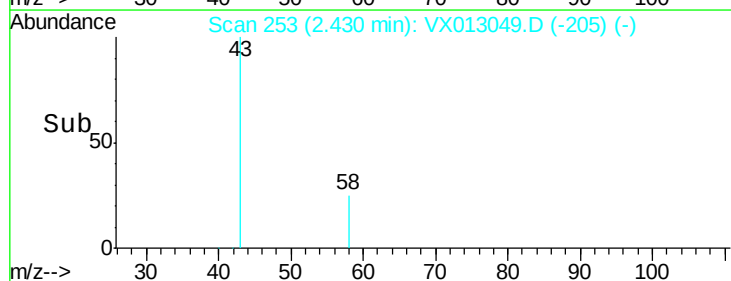
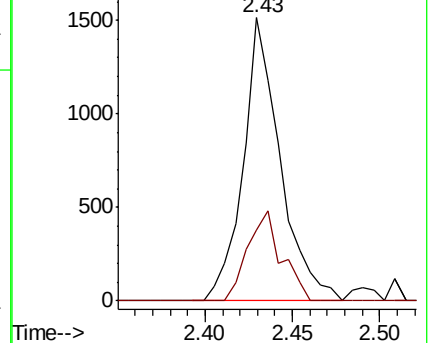
43 100

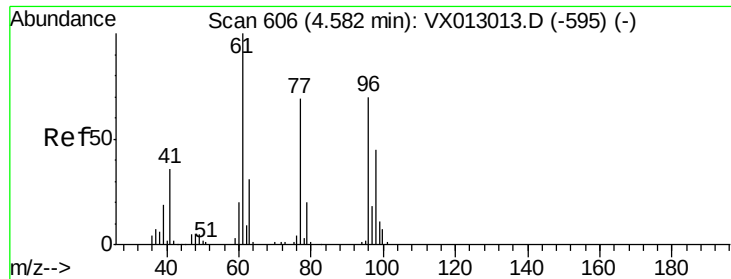
58 24.9 25.4 38.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#27

cis-1,2-Dichloroethene

Concen: 1.421 ug/l

RT: 4.61 min Scan# 610

Delta R.T. 0.02 min

Lab File: VX013049.D

Acq: 14 Oct 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

S49-0549

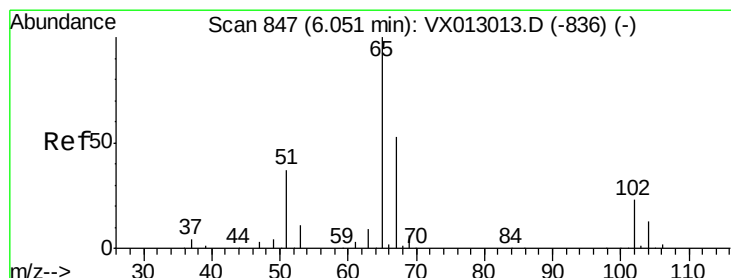
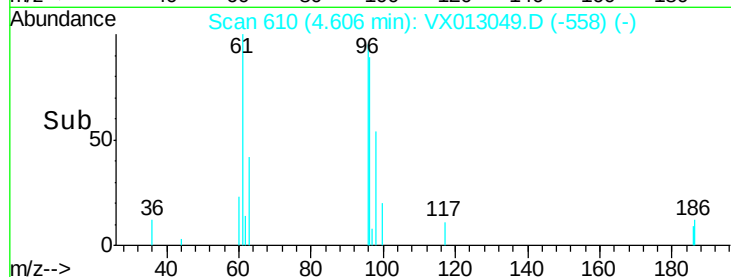
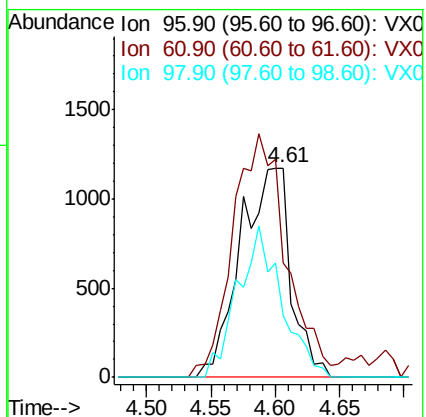
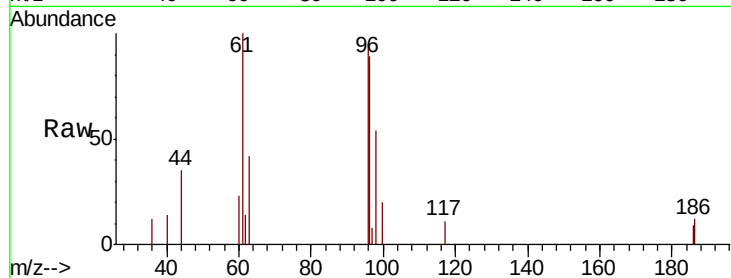
Tot Ion: 96 Resp: 3203

Ion Ratio Lower Upper

96 100

61 122.3 0.0 290.6

98 62.5 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 48.601 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX013049.D

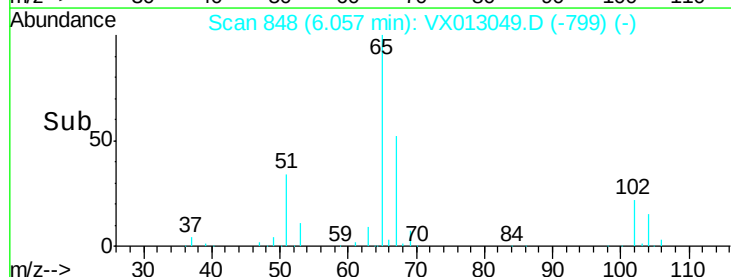
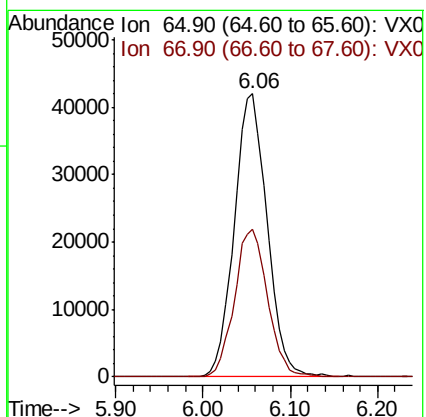
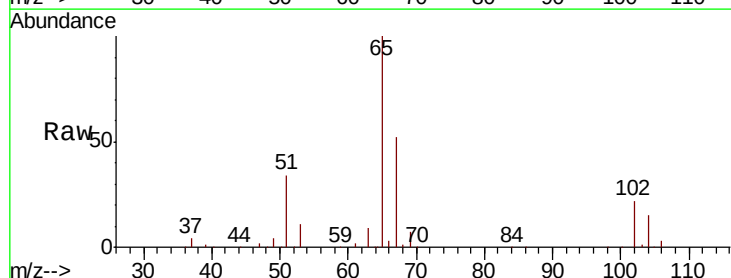
Acq: 14 Oct 2019 14:09

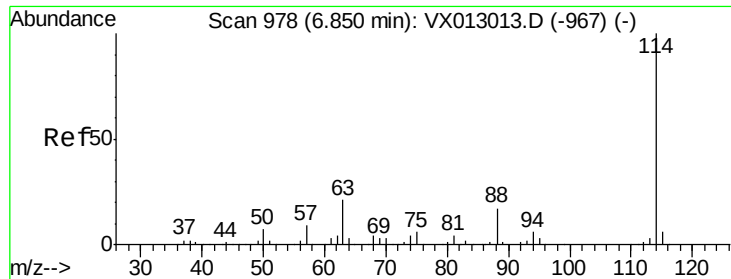
Tgt Ion: 65 Resp: 109706

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.4

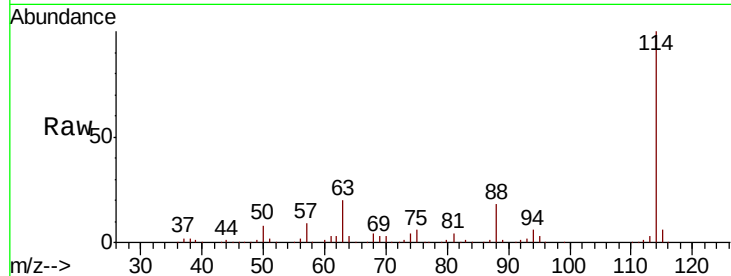




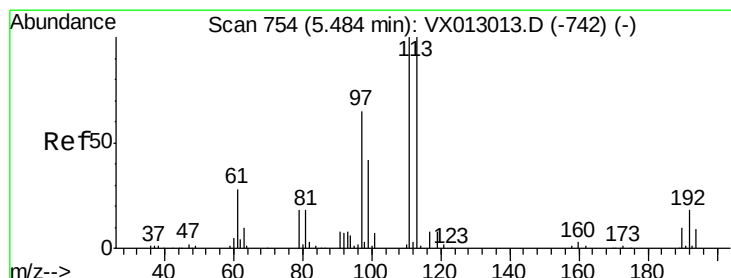
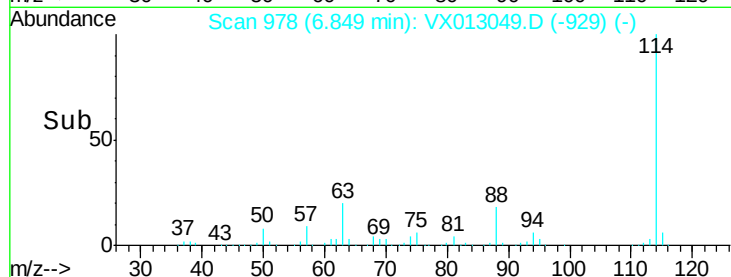
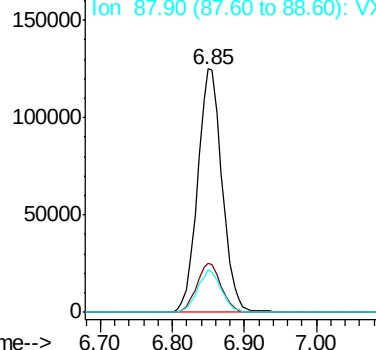
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013049.D
Acq: 14 Oct 2019 14:09

Instrument :
MSVOA_X
ClientSampleId :
S49-0549

Tot Ion:114 Resp: 296474
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 17.7 0.0 33.8

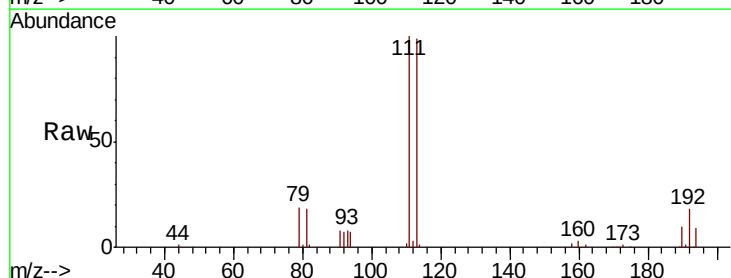


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

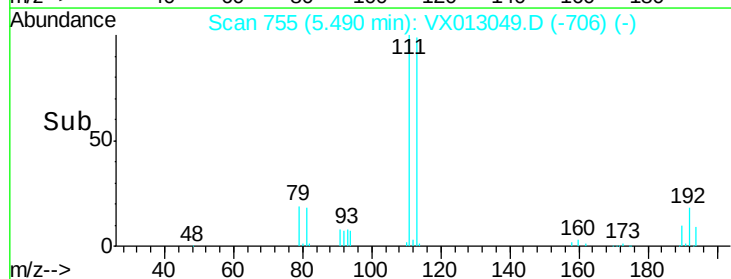
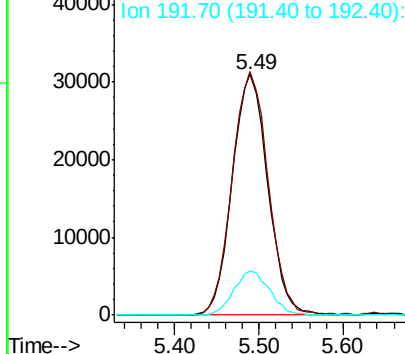


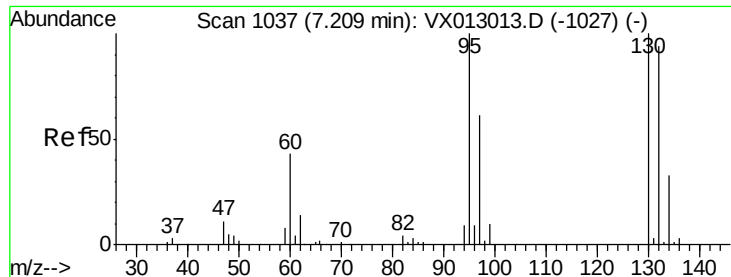
#35
Dibromofluoromethane
Concen: 51.959 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013049.D
Acq: 14 Oct 2019 14:09

Tgt Ion:113 Resp: 88414
Ion Ratio Lower Upper
113 100
111 102.6 83.2 124.8
192 18.4 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

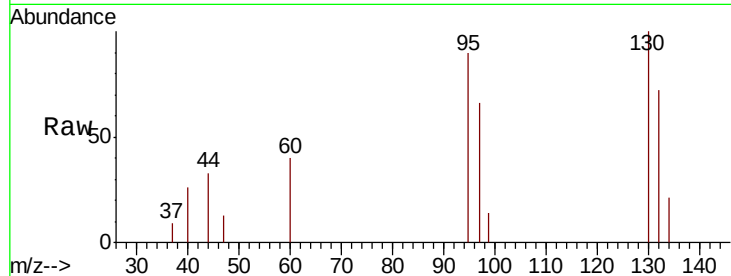




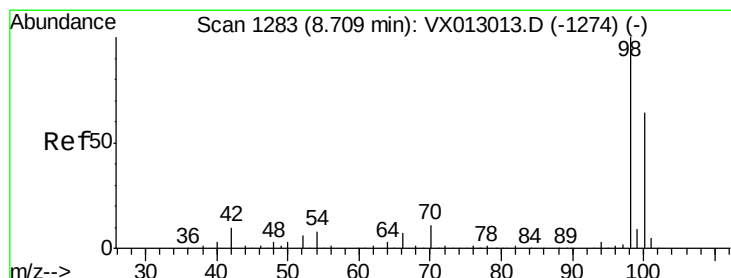
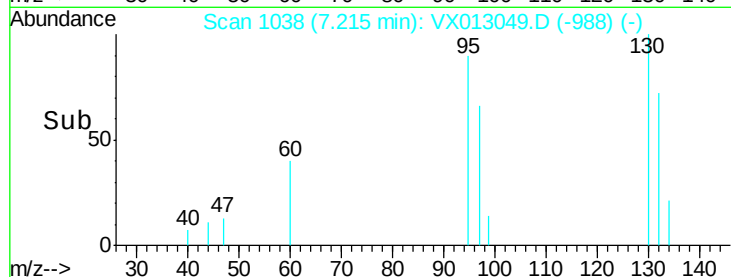
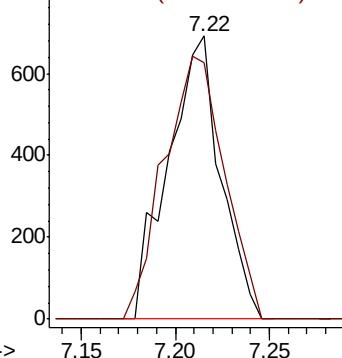
#44
 Trichloroethene
 Concen: 0.624 ug/l
 RT: 7.22 min Scan# 1038
 Delta R.T. 0.01 min
 Lab File: VX013049.D
 Acq: 14 Oct 2019 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0549

Tot Ion:130 Resp: 1332
 Ion Ratio Lower Upper
 130 100
 95 90.5 0.0 189.2

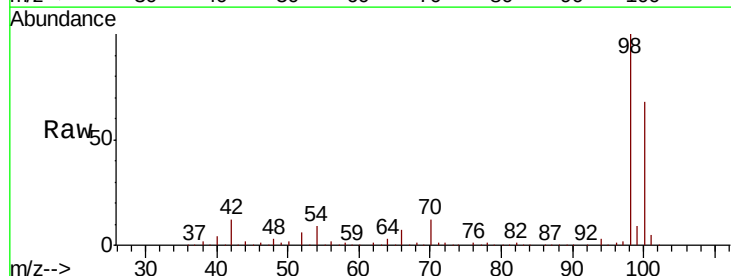


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

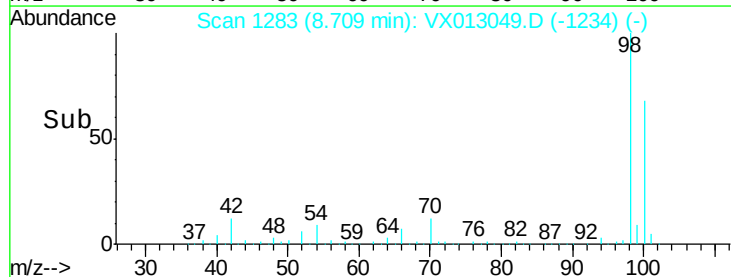
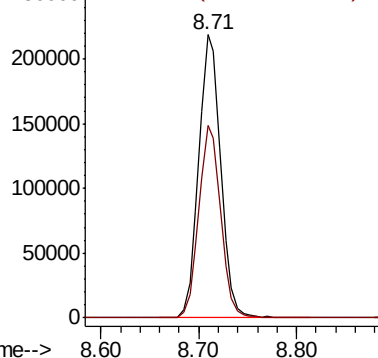


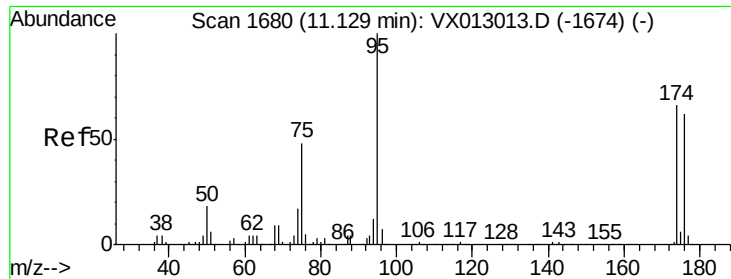
#50
 Toluene-d8
 Concen: 51.553 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX013049.D
 Acq: 14 Oct 2019 14:09

Tgt Ion: 98 Resp: 342138
 Ion Ratio Lower Upper
 98 100
 100 67.8 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: 43.322 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013049.D

Acq: 14 Oct 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

S49-0549

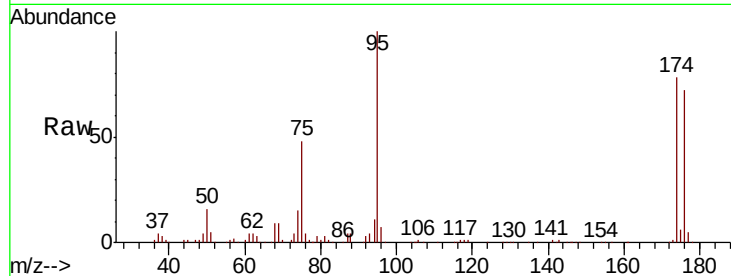
Tot Ion: 95 Resp: 111715

Ion Ratio Lower Upper

95 100

174 74.1 0.0 143.4

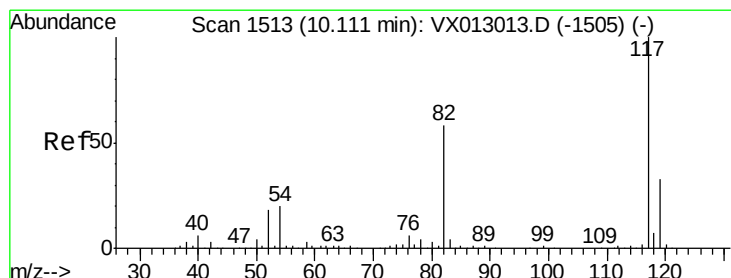
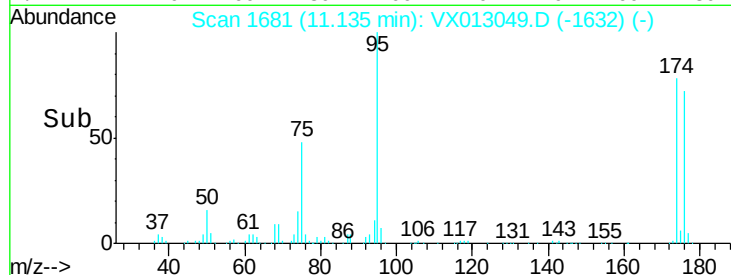
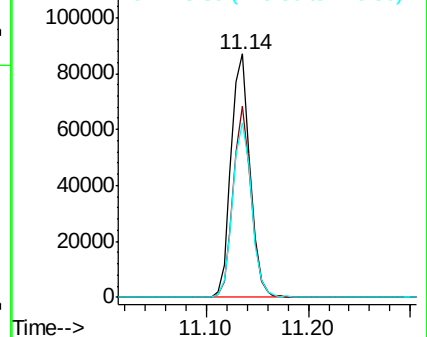
176 71.8 0.0 136.0



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: VX013049.D

Acq: 14 Oct 2019 14:09

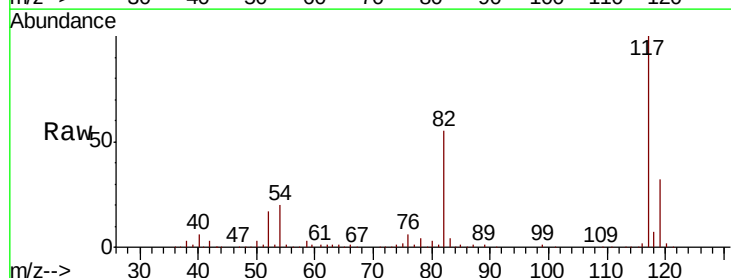
Tgt Ion: 117 Resp: 247380

Ion Ratio Lower Upper

117 100

82 55.3 44.1 66.1

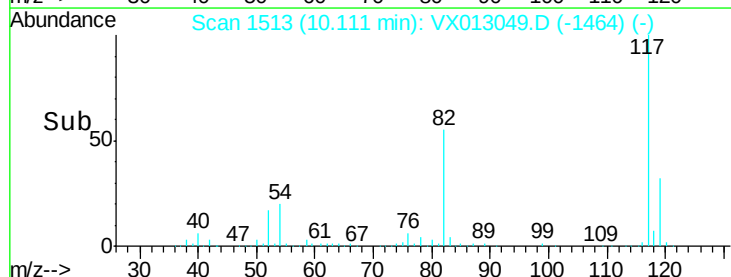
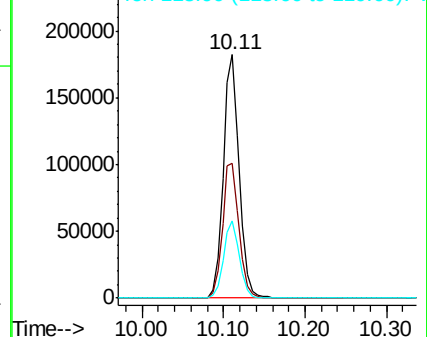
119 31.6 25.8 38.8

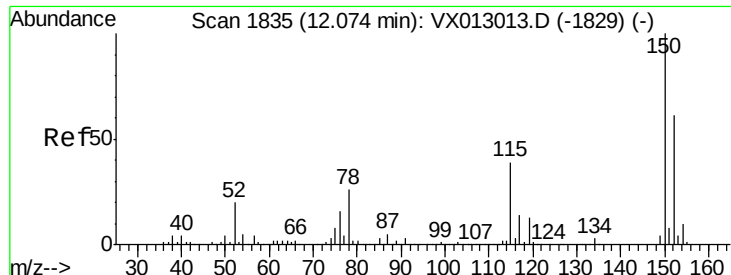


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX013049.D

Acq: 14 Oct 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

S49-0549

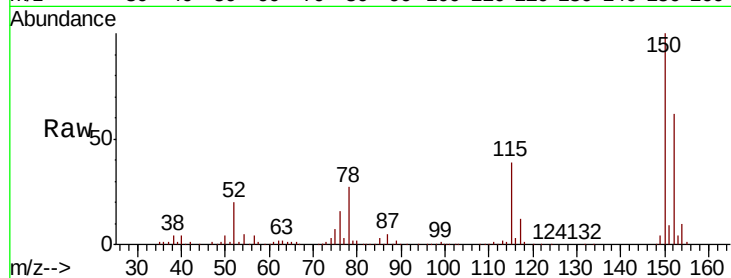
Tot Ion:152 Resp: 98053

Ion Ratio Lower Upper

152 100

115 62.5 44.5 133.5

150 159.9 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

