

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
 Data File : VX013061.D
 Acq On : 14 Oct 2019 18:49
 Operator : JC/SP
 Sample : K5313-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JPZ1781

Quant Time: Oct 15 06:32:49 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

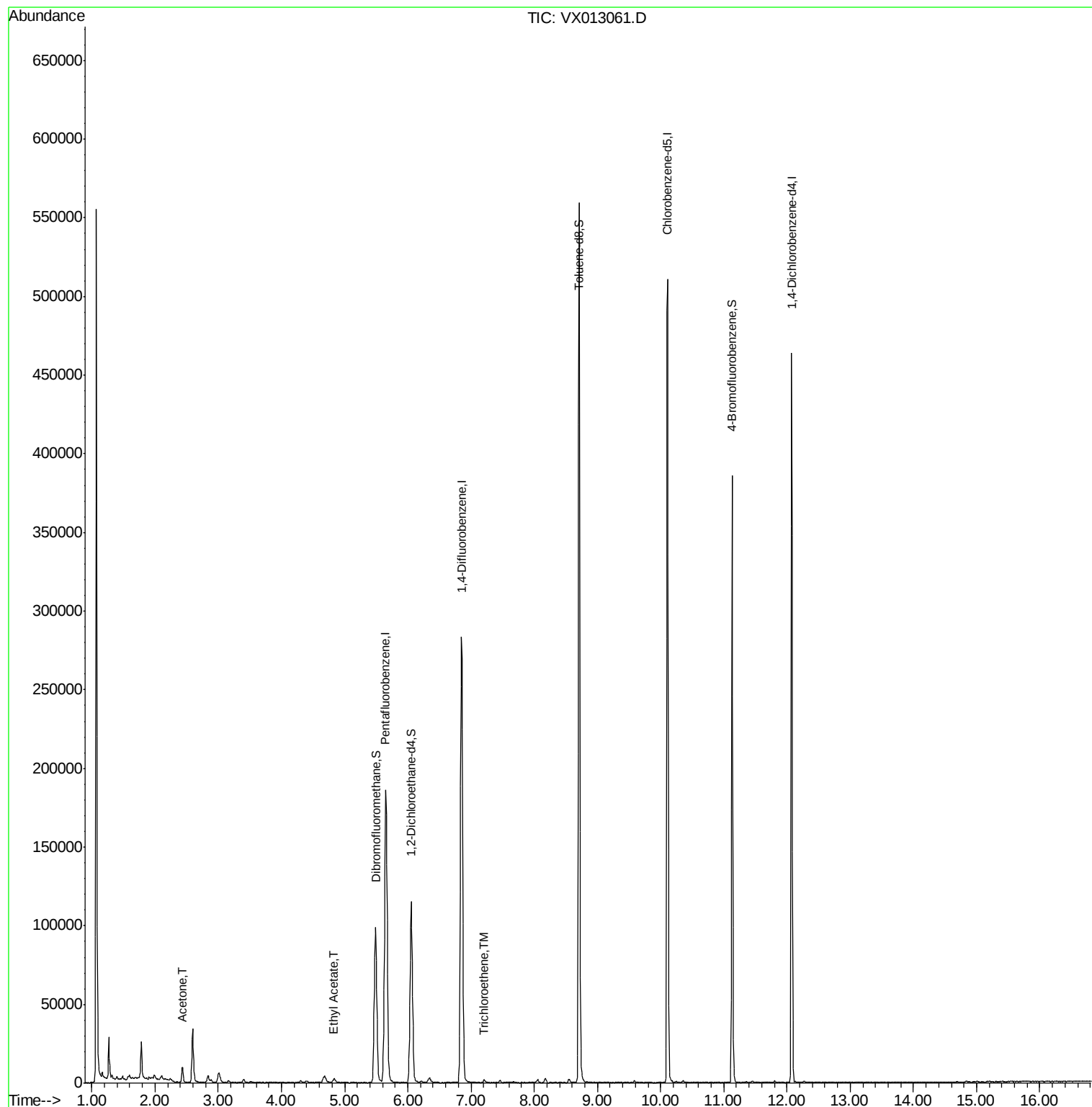
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	288977	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	91480	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	108304	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
35) Dibromofluoromethane	5.49	113	85465	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
50) Toluene-d8	8.71	98	331884	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	11.14	95	108139	43.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.04%	
Target Compounds						
16) Acetone	2.44	43	10478	8.994	ug/l	94
37) Ethyl Acetate	4.84	43	4763	1.677	ug/l	97
44) Trichloroethene	7.21	130	857	0.412	ug/l	93

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

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QLast Update : Fri Oct 11 09:48:22 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX013061.D

Acq: 14 Oct 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

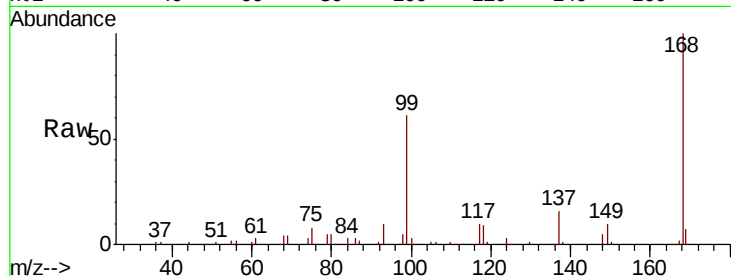
FA19-JPZ1781

Tot Ion:168 Resp: 176826

Ion Ratio Lower Upper

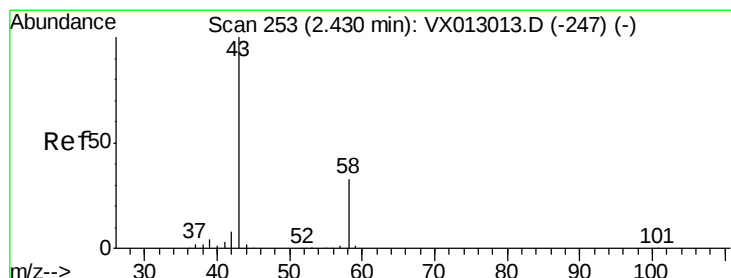
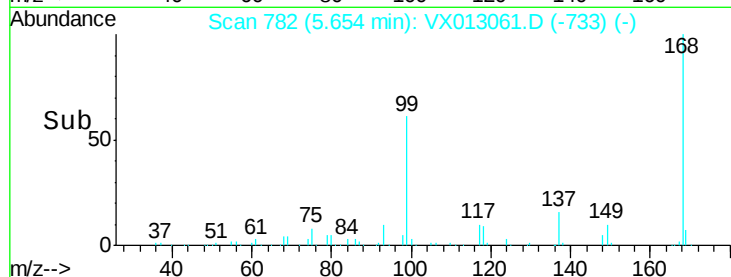
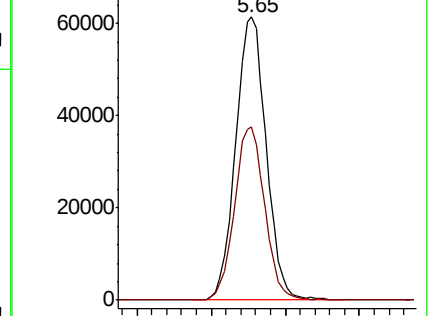
168 100

99 61.2 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: 8.994 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013061.D

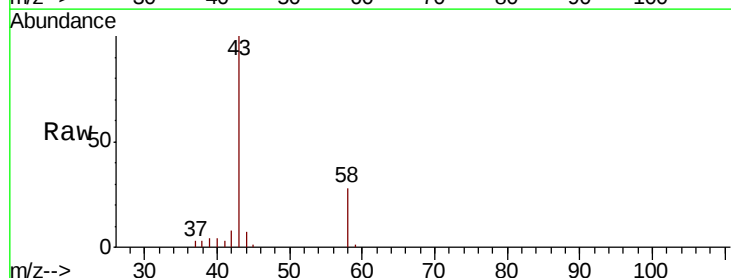
Acq: 14 Oct 2019 18:49

Tgt Ion: 43 Resp: 10478

Ion Ratio Lower Upper

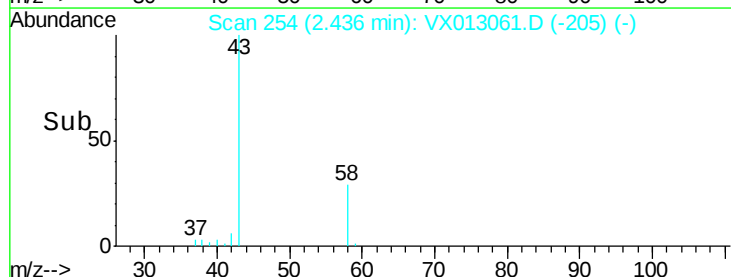
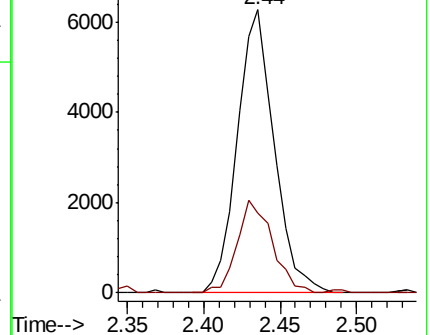
43 100

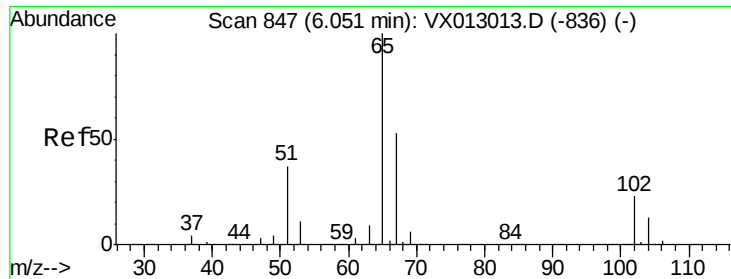
58 28.3 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

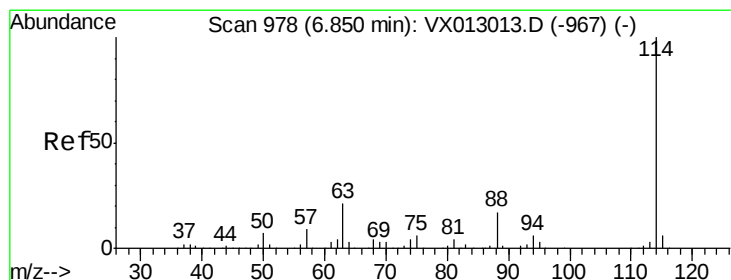
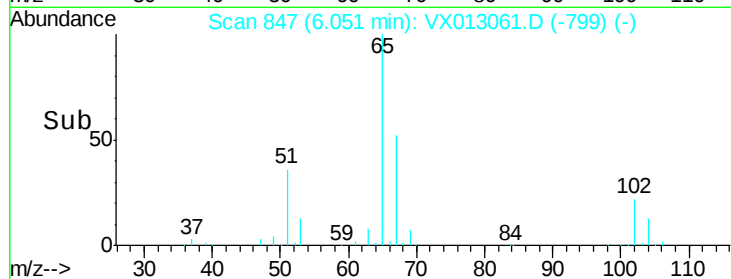
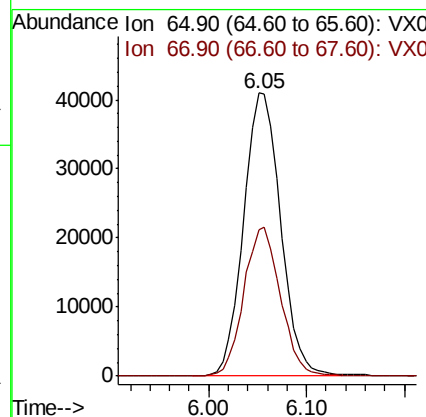
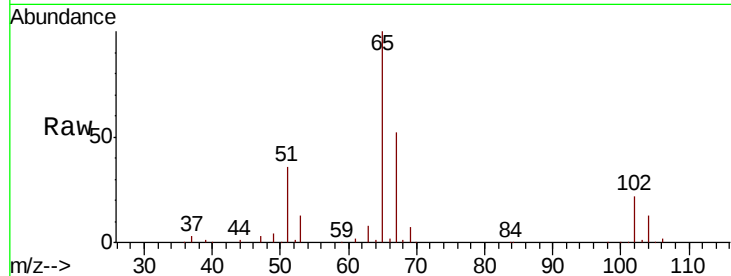




#33
 1,2-Dichloroethane-d4
 Concen: 49.004 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013061.D
 Acq: 14 Oct 2019 18:49

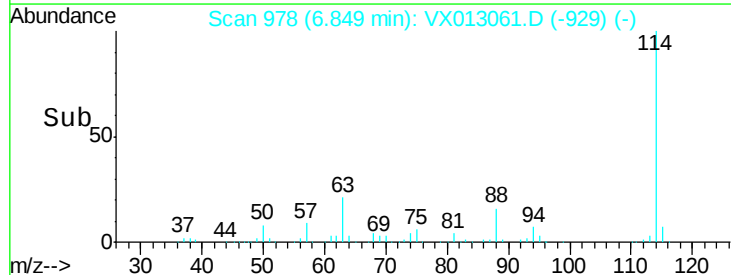
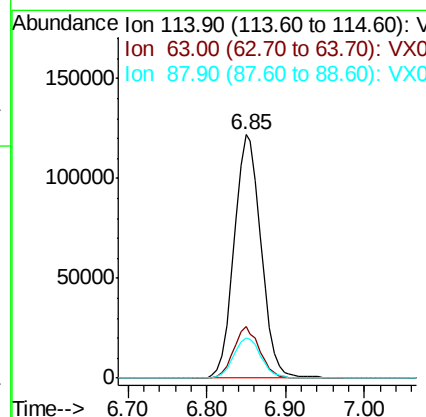
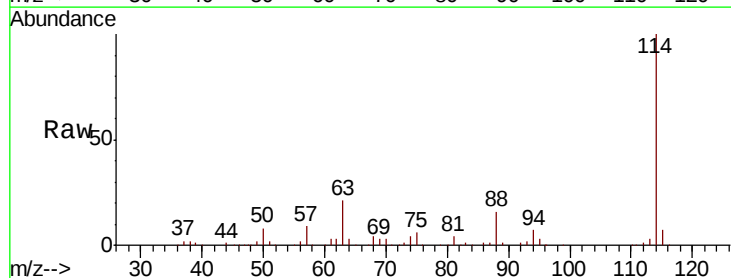
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JPZ1781

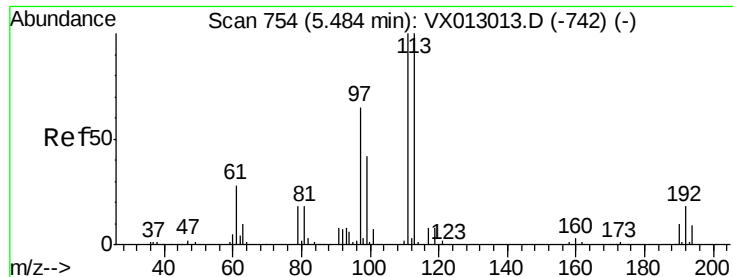
Tot Ion: 65 Resp: 108304
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013061.D
 Acq: 14 Oct 2019 18:49

Tgt Ion: 114 Resp: 288977
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 40.8
 88 16.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.529 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013061.D

Acq: 14 Oct 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

FA19-JPZ1781

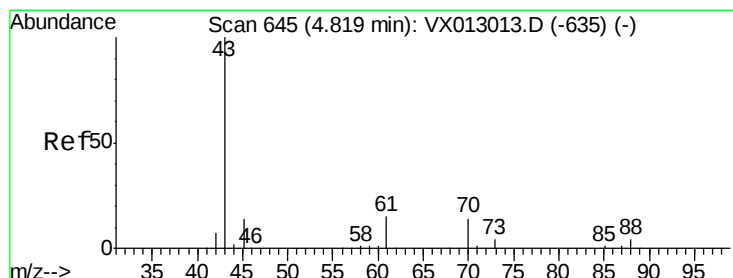
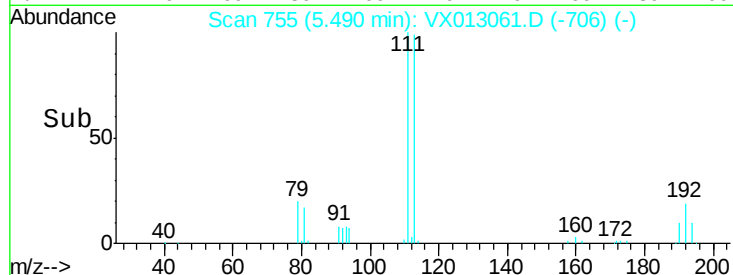
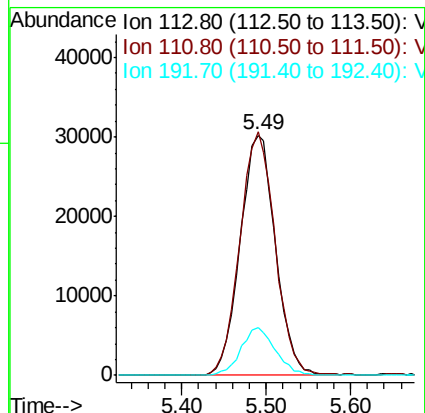
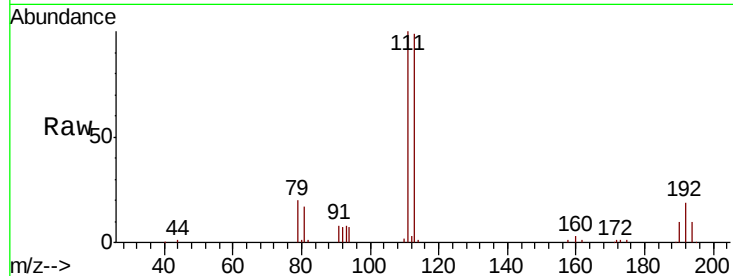
Tot Ion:113 Resp: 85465

Ion Ratio Lower Upper

113 100

111 101.6 83.2 124.8

192 19.3 15.4 23.2



#37

Ethyl Acetate

Concen: 1.677 ug/l

RT: 4.84 min Scan# 648

Delta R.T. 0.02 min

Lab File: VX013061.D

Acq: 14 Oct 2019 18:49

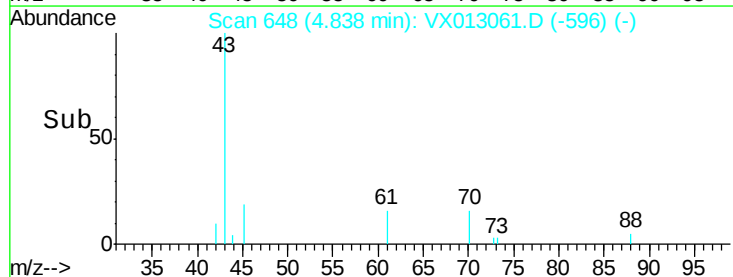
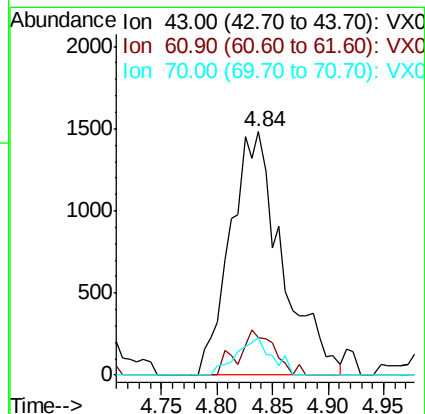
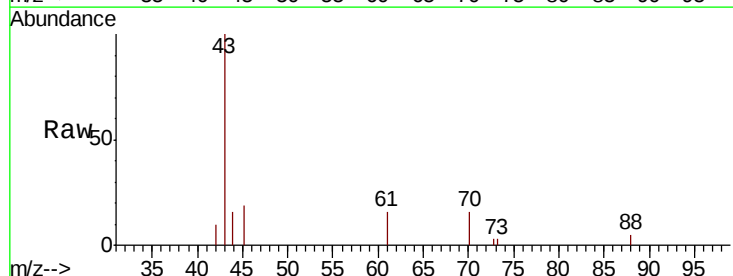
Tgt Ion: 43 Resp: 4763

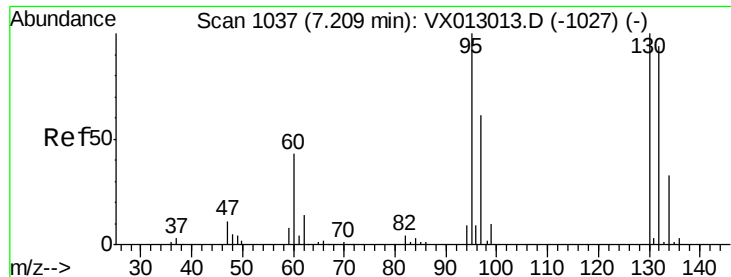
Ion Ratio Lower Upper

43 100

61 13.0 11.4 17.0

70 10.6 9.8 14.6





#44

Trichloroethene

Concen: 0.412 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX013061.D

Acq: 14 Oct 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

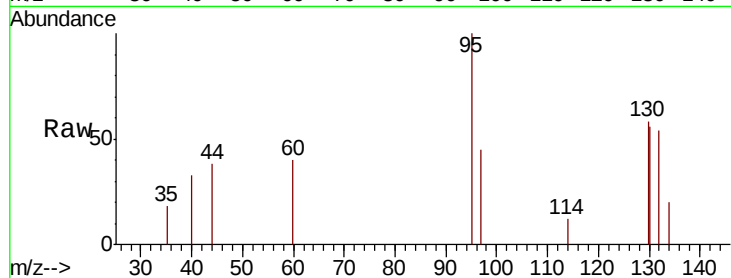
FA19-JPZ1781

Tot Ion:130 Resp: 857

Ion Ratio Lower Upper

130 100

95 87.8 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

600

500

400

300

200

100

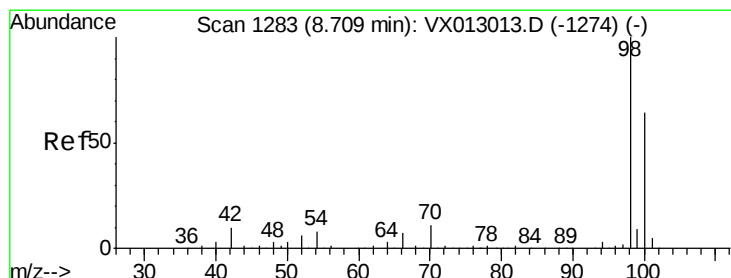
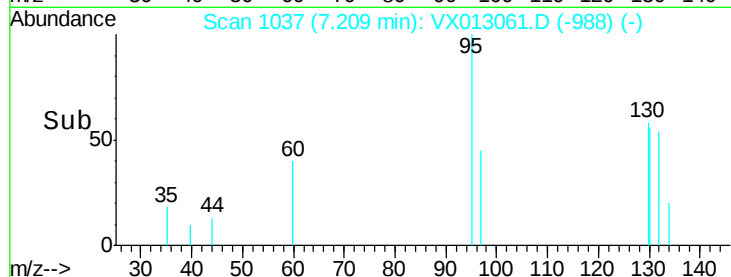
0

7.15

7.20

7.25

Time-->



#50

Toluene-d8

Concen: 51.305 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013061.D

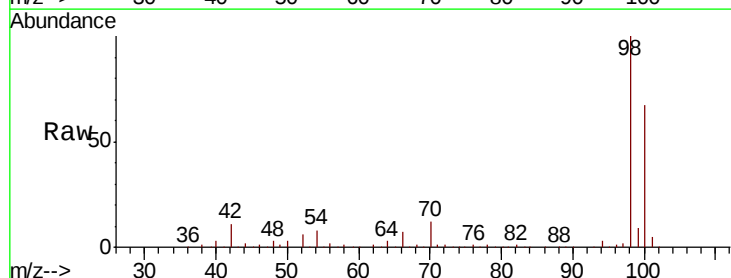
Acq: 14 Oct 2019 18:49

Tgt Ion: 98 Resp: 331884

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

250000

200000

150000

100000

50000

0

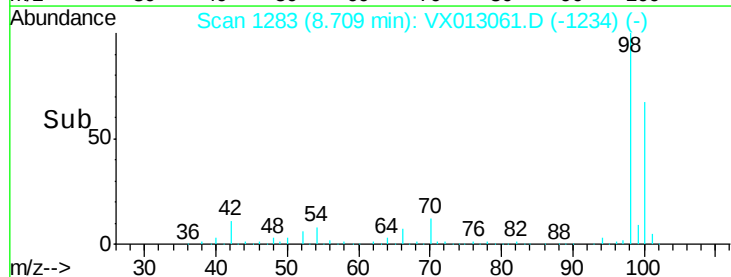
8.60

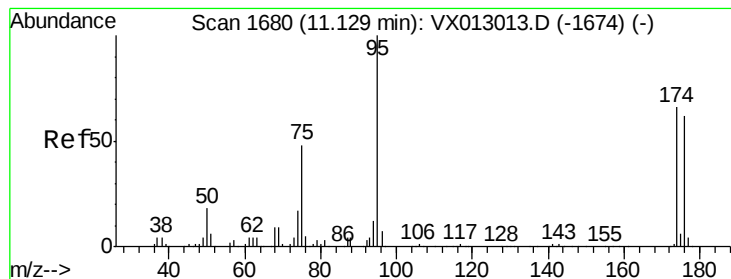
8.70

8.80

8.90

Time-->





#62

4-Bromofluorobenzene

Concen: 43.023 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013061.D

Acq: 14 Oct 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

FA19-JPZ1781

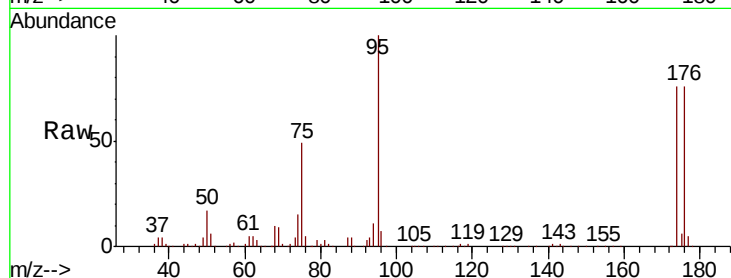
Tot Ion: 95 Resp: 108139

Ion Ratio Lower Upper

95 100

174 73.8 0.0 143.4

176 71.9 0.0 136.0

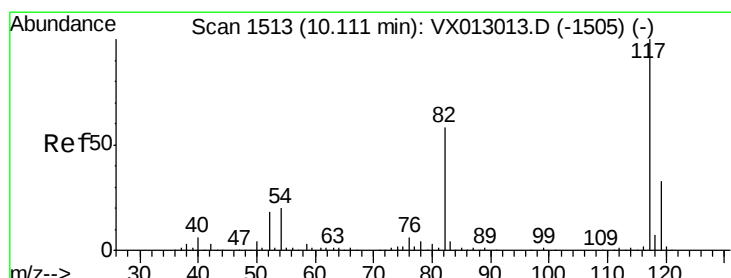
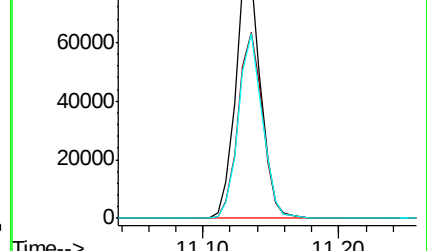
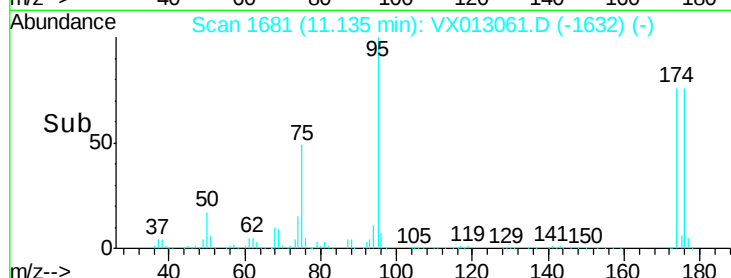


Abundance Ion 94.90 (94.60 to 95.60): VX013013.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013013.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013013.D (-1674) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013061.D

Acq: 14 Oct 2019 18:49

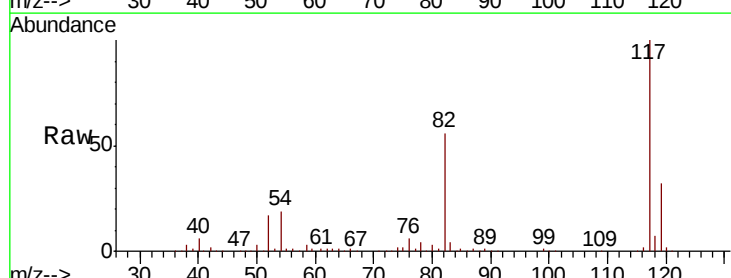
Tgt Ion: 117 Resp: 241510

Ion Ratio Lower Upper

117 100

82 56.1 44.1 66.1

119 32.0 25.8 38.8

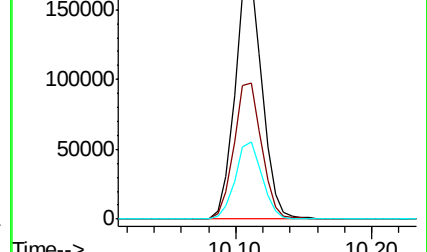
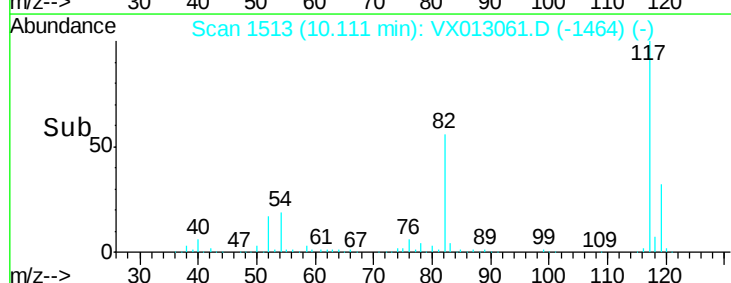


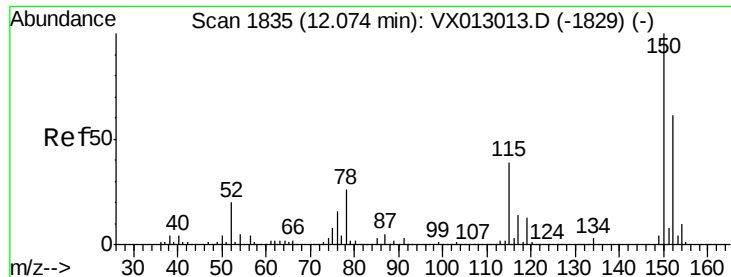
Abundance Ion 116.90 (116.60 to 117.60): VX013013.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX013013.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX013013.D (-1505) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013061.D

Acq: 14 Oct 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

FA19-JPZ1781

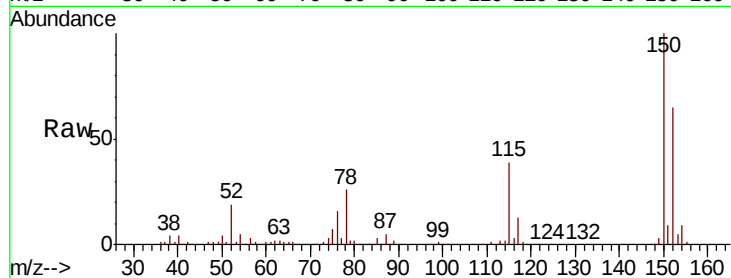
Tot Ion:152 Resp: 91480

Ion Ratio Lower Upper

152 100

115 62.3 44.5 133.5

150 159.1 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

