

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
 Data File : VX013106.D
 Acq On : 17 Oct 2019 14:48
 Operator : JC/SP
 Sample : K5396-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7345A

Quant Time: Oct 18 09:05:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

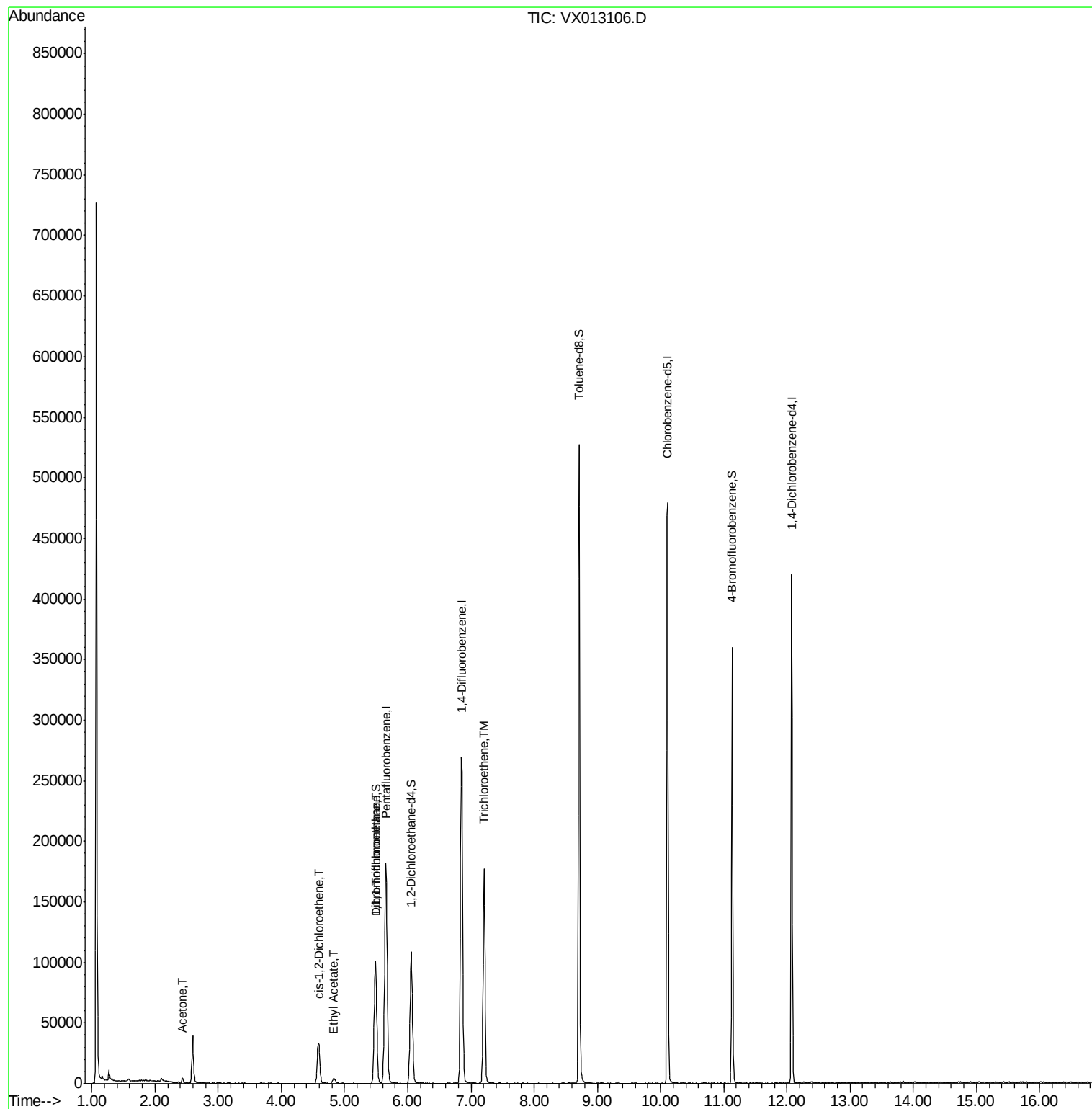
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	173276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	276715	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	82922	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	102870	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
35) Dibromofluoromethane	5.49	113	81079	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
50) Toluene-d8	8.71	98	315569	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
62) 4-Bromofluorobenzene	11.14	95	103105	42.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.68%	
Target Compounds						
16) Acetone	2.44	43	4728	4.142	ug/l #	79
27) cis-1,2-Dichloroethene	4.59	96	22228	10.275	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	7732	2.646	ug/l	99
37) Ethyl Acetate	4.83	43	7514	2.762	ug/l #	84
44) Trichloroethene	7.21	130	70136	35.199	ug/l	95

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

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QLast Update : Wed Oct 16 07:26:22 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: VX013106.D

Acq: 17 Oct 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

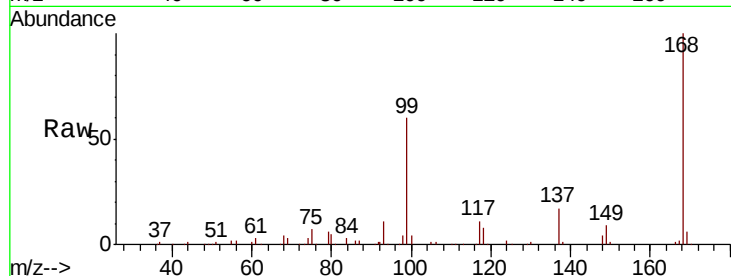
FA19-JBW7345A

Tot Ion:168 Resp: 173276

Ion Ratio Lower Upper

168 100

99 59.4 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

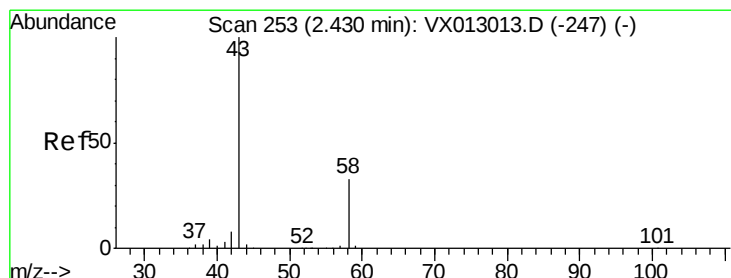
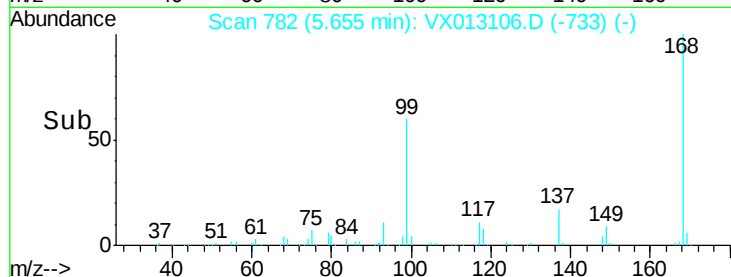
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.142 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX013106.D

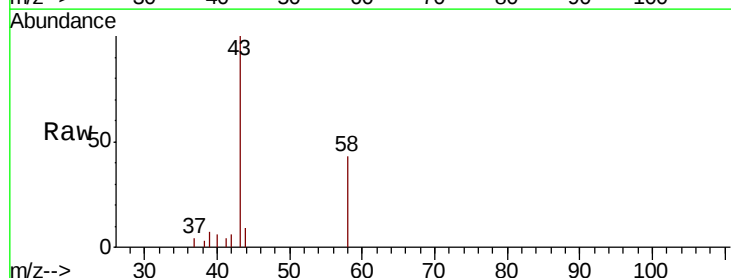
Acq: 17 Oct 2019 14:48

Tgt Ion: 43 Resp: 4728

Ion Ratio Lower Upper

43 100

58 43.3 25.4 38.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

3000

2500

2000

1500

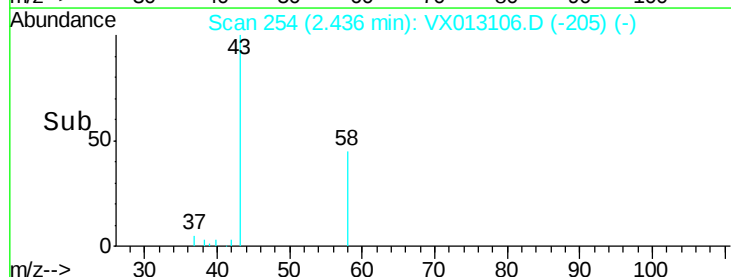
1000

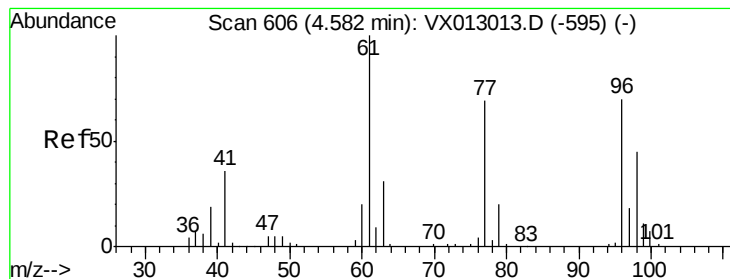
500

0

Time-->

2.35 2.40 2.45 2.50





#27

cis-1,2-Dichloroethene

Concen: 10.275 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX013106.D

Acq: 17 Oct 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7345A

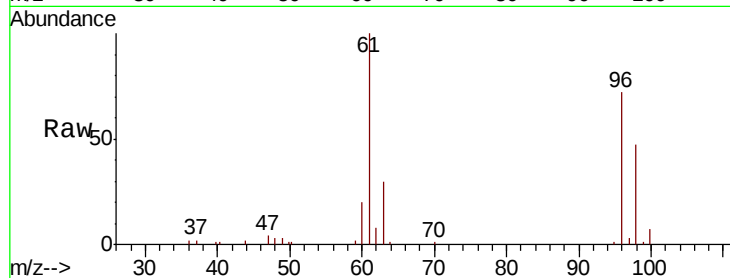
Tot Ion: 96 Resp: 22228

Ion Ratio Lower Upper

96 100

61 125.9 0.0 290.6

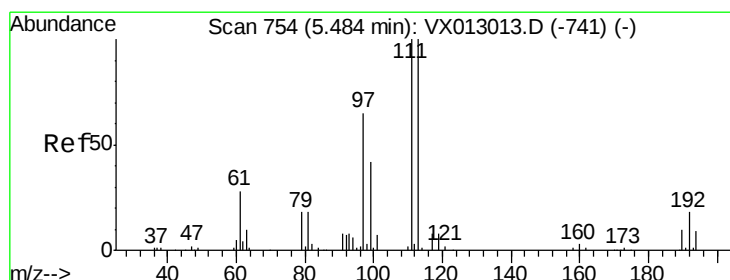
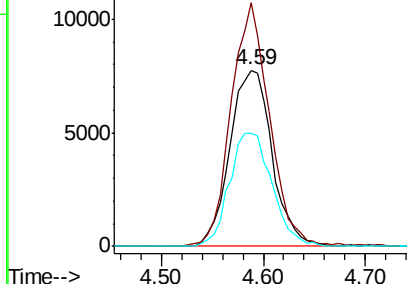
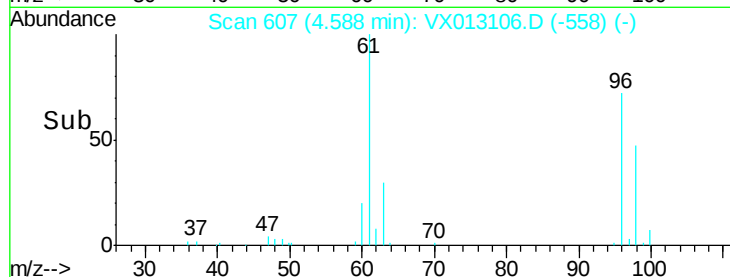
98 65.0 0.0 128.8



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



#32

1,1,1-Trichloroethane

Concen: 2.646 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013106.D

Acq: 17 Oct 2019 14:48

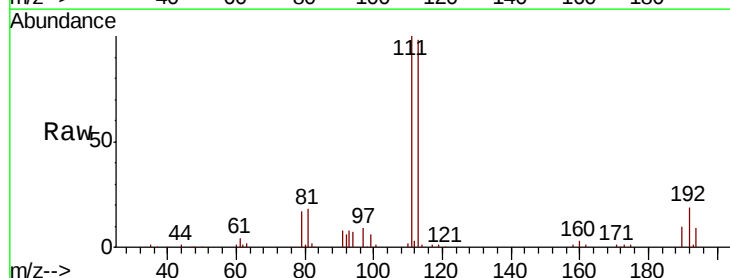
Tgt Ion: 97 Resp: 7732

Ion Ratio Lower Upper

97 100

99 64.1 52.3 78.5

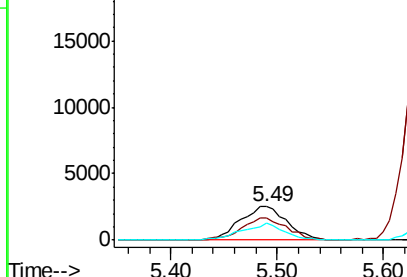
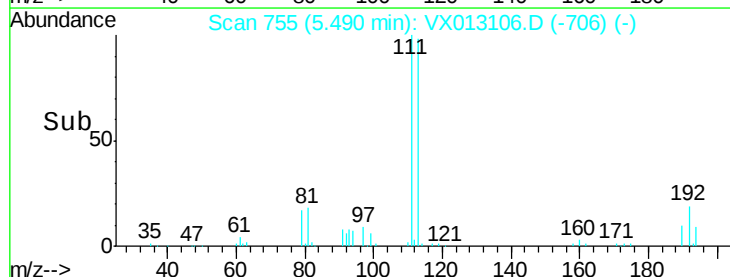
61 44.2 35.0 52.4

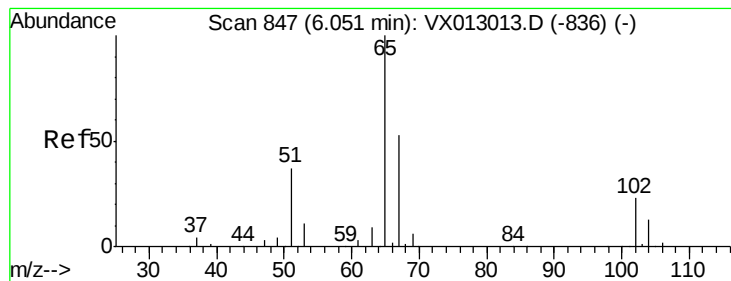


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.499 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013106.D

Acq: 17 Oct 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

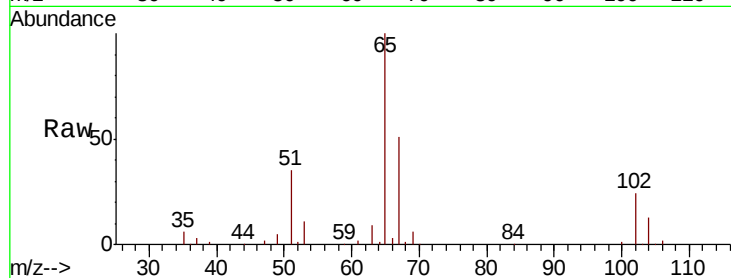
FA19-JBW7345A

Tot Ion: 65 Resp: 102870

Ion Ratio Lower Upper

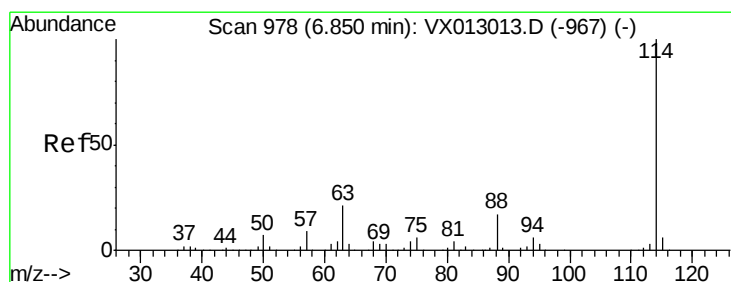
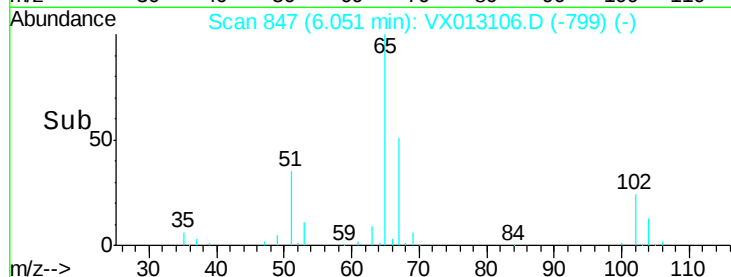
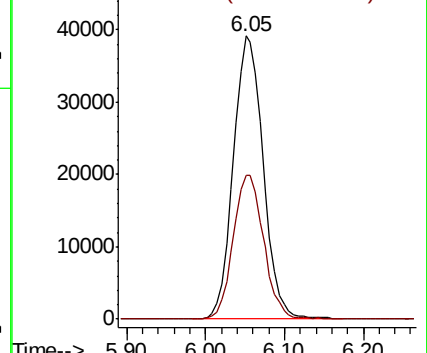
65 100

67 52.1 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: VX013106.D

Acq: 17 Oct 2019 14:48

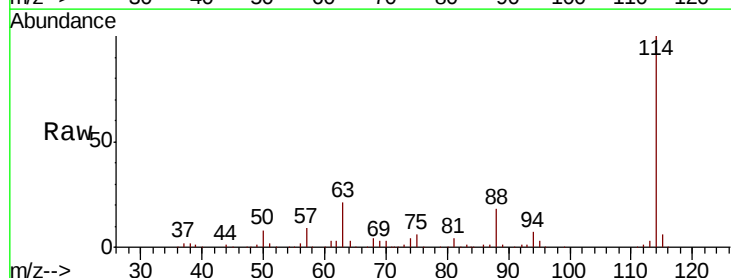
Tgt Ion: 114 Resp: 276715

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

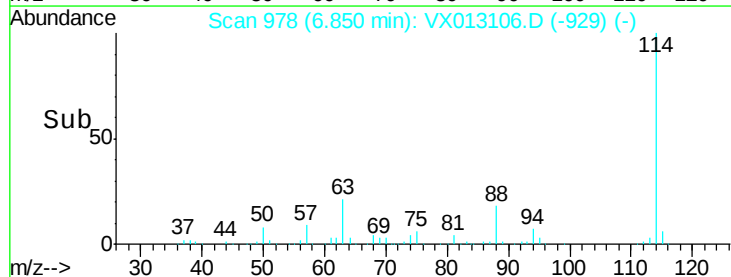
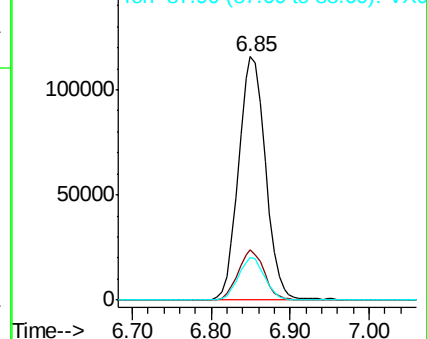
88 17.6 0.0 33.8

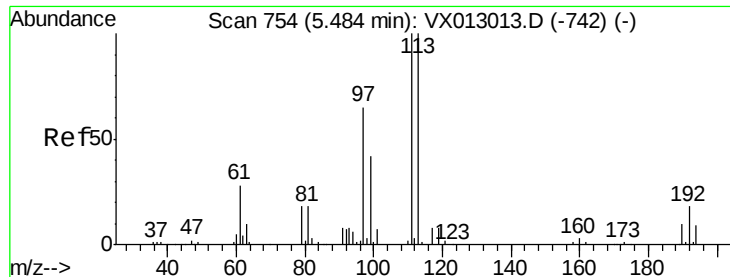


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.051 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013106.D

Acq: 17 Oct 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7345A

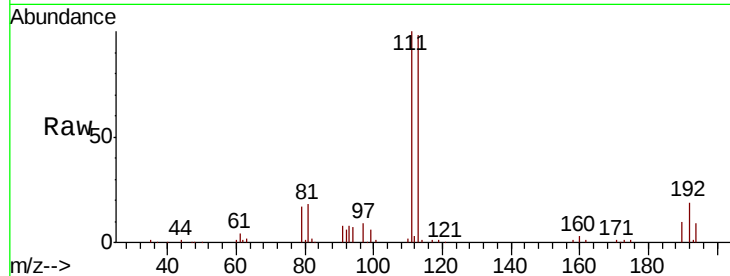
Tot Ion:113 Resp: 81079

Ion Ratio Lower Upper

113 100

111 102.9 83.2 124.8

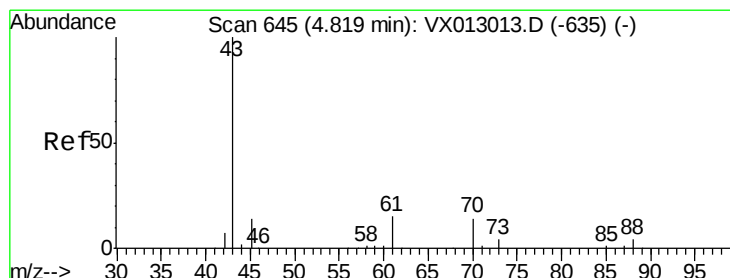
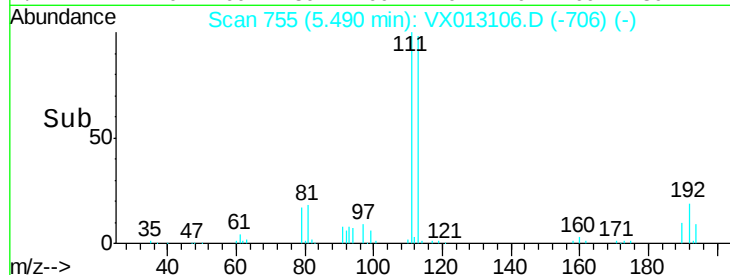
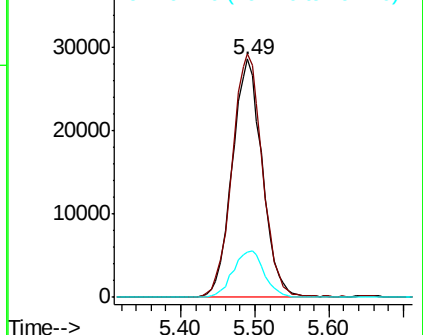
192 20.1 15.4 23.2



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



#37

Ethyl Acetate

Concen: 2.762 ug/l

RT: 4.83 min Scan# 647

Delta R.T. 0.01 min

Lab File: VX013106.D

Acq: 17 Oct 2019 14:48

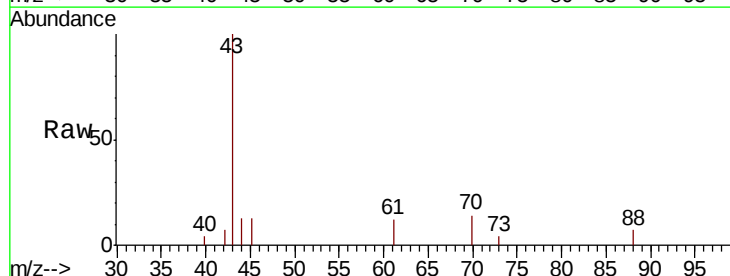
Tgt Ion: 43 Resp: 7514

Ion Ratio Lower Upper

43 100

61 13.2 11.4 17.0

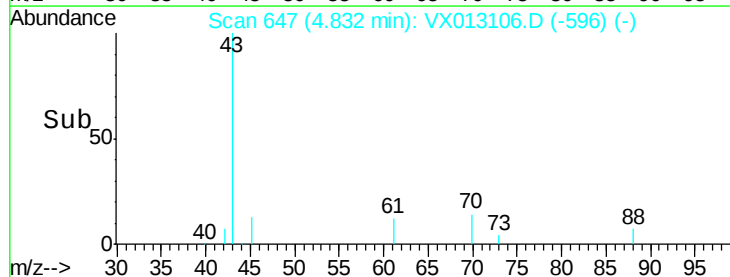
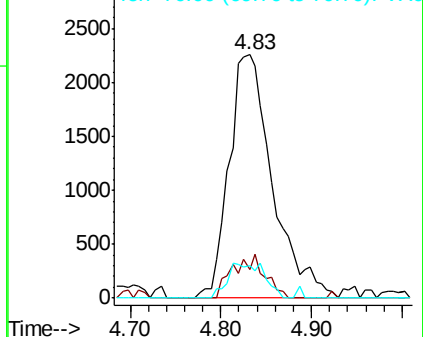
70 0.0 9.8 14.6#

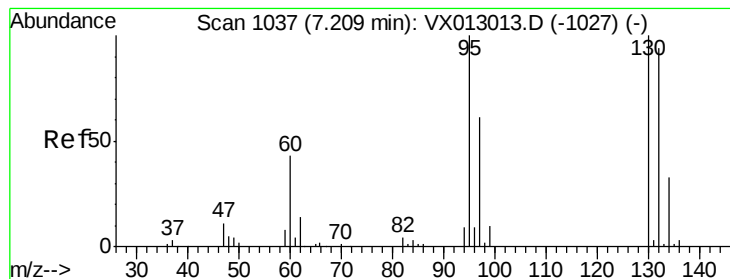


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#44

Trichloroethene

Concen: 35.199 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX013106.D

Acq: 17 Oct 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

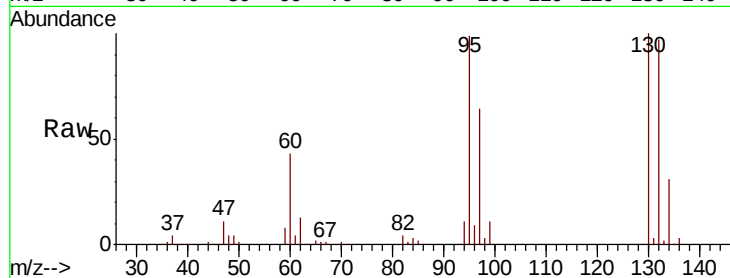
FA19-JBW7345A

Tot Ion:130 Resp: 70136

Ion Ratio Lower Upper

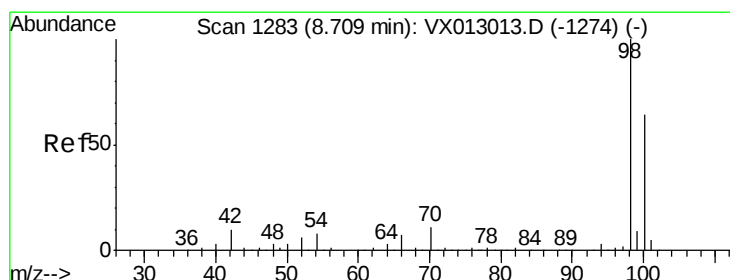
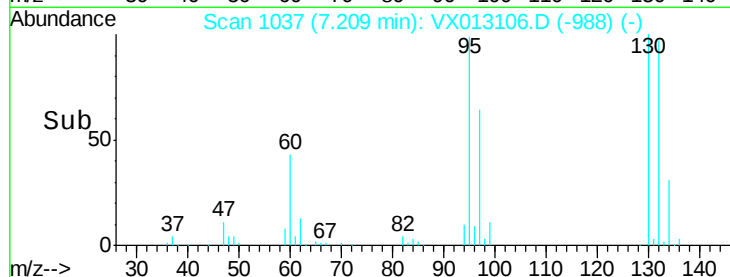
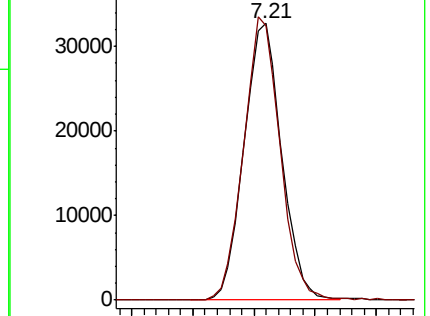
130 100

95 99.1 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: 50.945 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013106.D

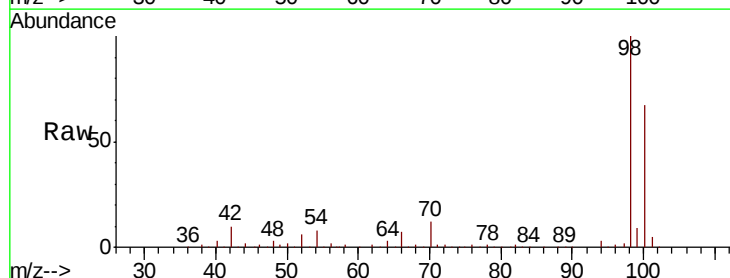
Acq: 17 Oct 2019 14:48

Tgt Ion: 98 Resp: 315569

Ion Ratio Lower Upper

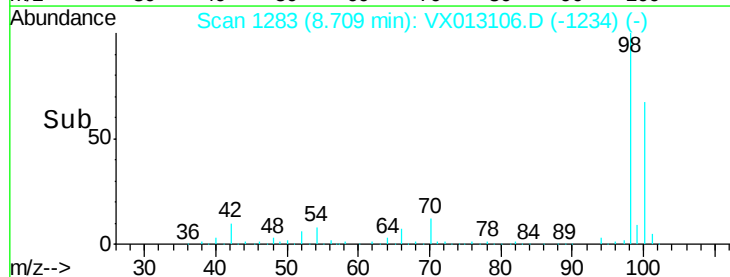
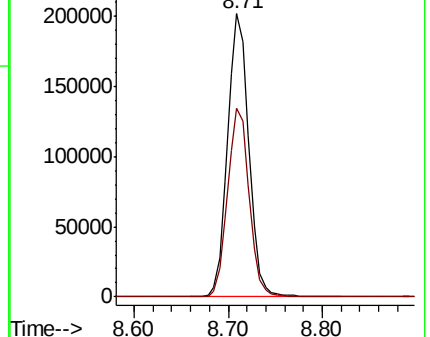
98 100

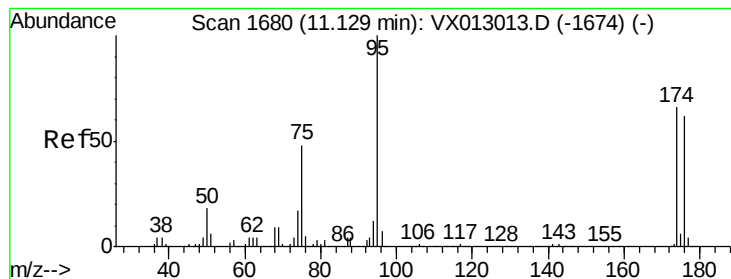
100 67.7 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.838 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013106.D

Acq: 17 Oct 2019 14:48

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7345A

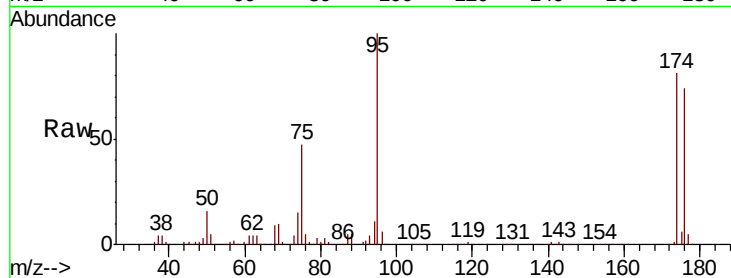
Tot Ion: 95 Resp: 103105

Ion Ratio Lower Upper

95 100

174 72.8 0.0 143.4

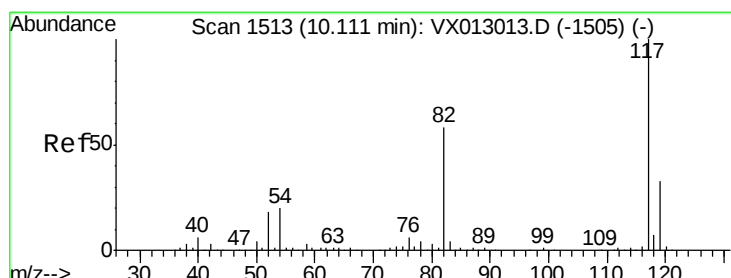
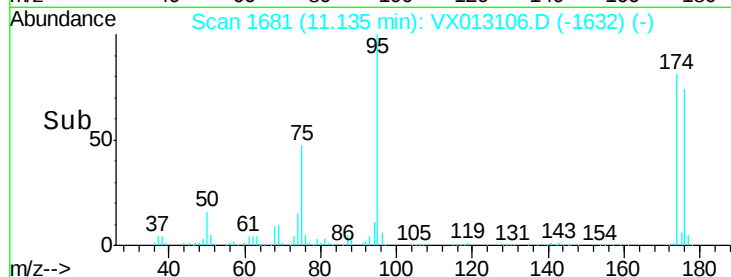
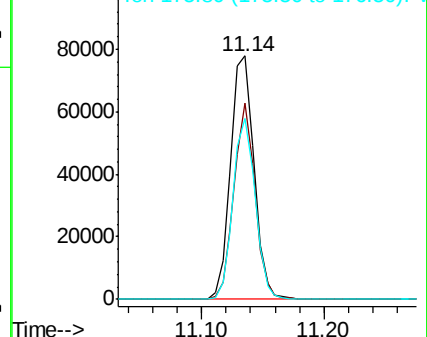
176 70.5 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX013106.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX013106.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX013106.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013106.D

Acq: 17 Oct 2019 14:48

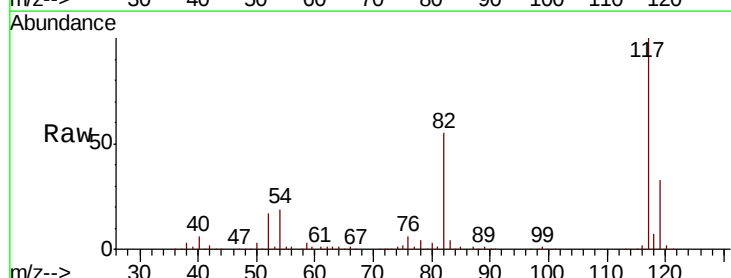
Tgt Ion: 117 Resp: 224163

Ion Ratio Lower Upper

117 100

82 55.3 44.1 66.1

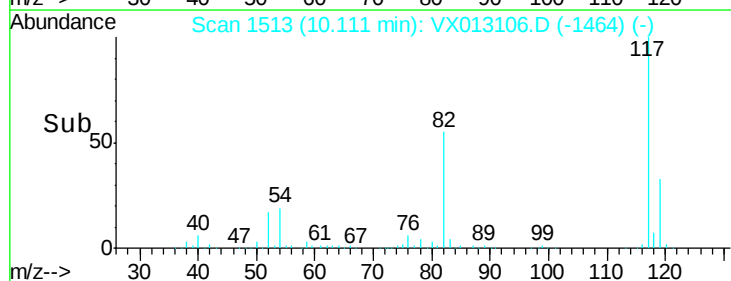
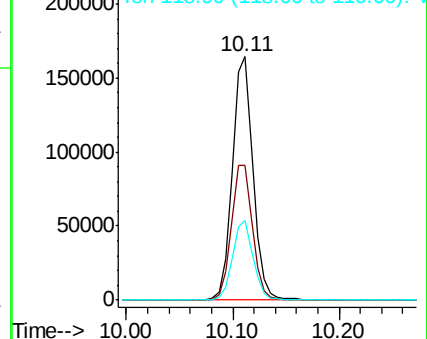
119 32.5 25.8 38.8

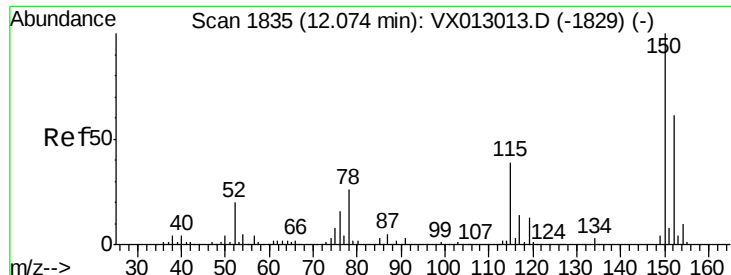


Abundance Ion 116.90 (116.60 to 117.60): VX013106.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX013106.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX013106.D (-1464) (-)

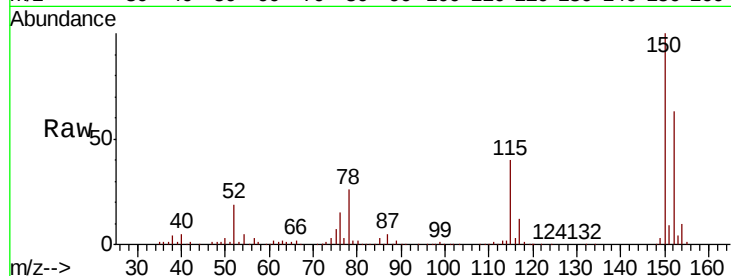




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX013106.D
 Acq: 17 Oct 2019 14:48

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7345A

Tot Ion:152 Resp: 82922
 Ion Ratio Lower Upper
 152 100
 115 62.3 44.5 133.5
 150 159.3 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

