

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
 Data File : VX013045.D
 Acq On : 14 Oct 2019 12:36
 Operator : JC/SP
 Sample : K5313-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7344

Quant Time: Oct 15 11:20:47 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

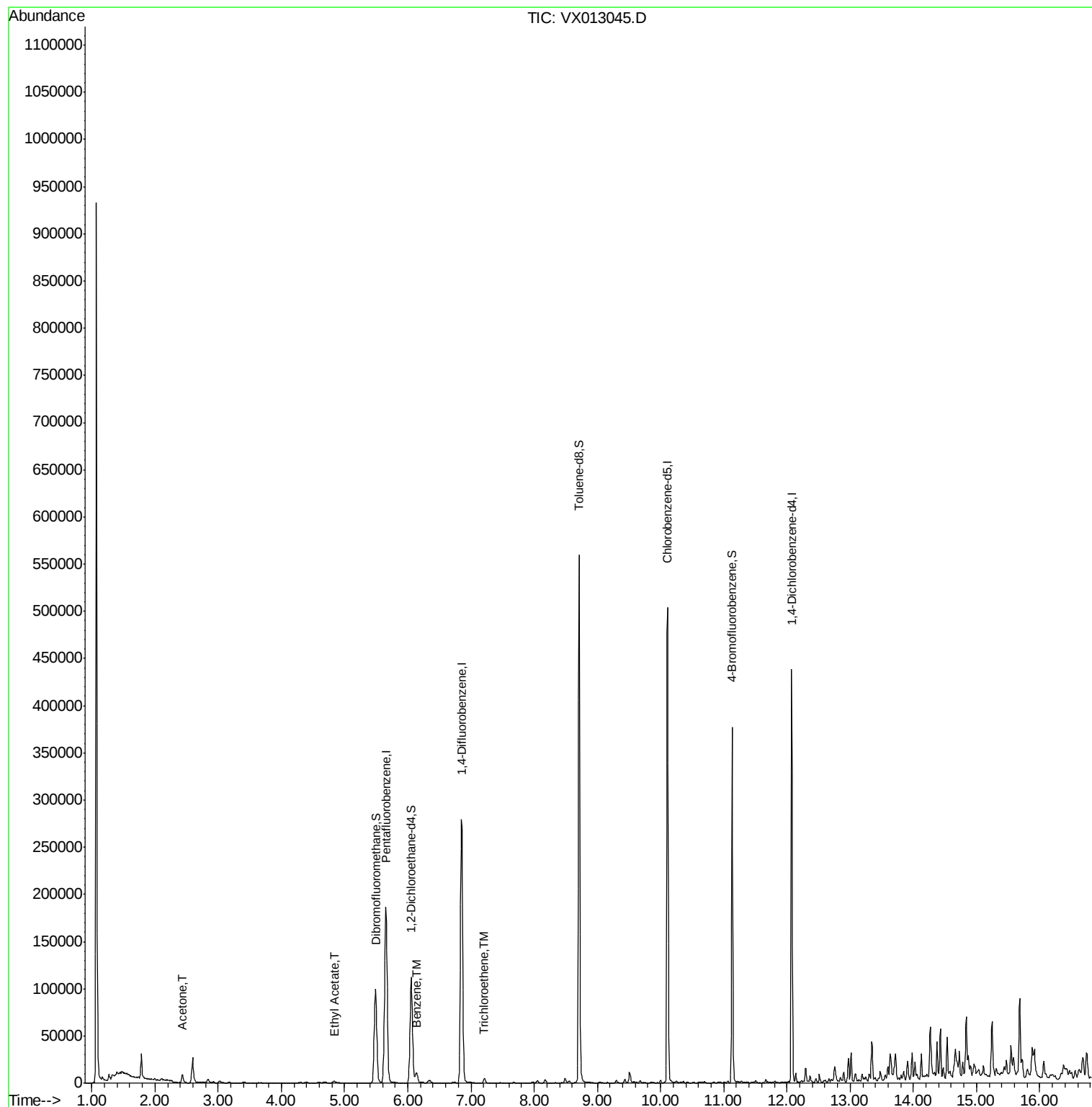
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	283812	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	87503	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	106557	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
35) Dibromofluoromethane	5.49	113	85435	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
50) Toluene-d8	8.71	98	331227	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	
62) 4-Bromofluorobenzene	11.14	95	106431	43.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.22%	
Target Compounds						
16) Acetone	2.43	43	9778	8.387	ug/l	94
37) Ethyl Acetate	4.83	43	3978	1.426	ug/l #	93
40) Benzene	6.14	78	12926	1.754	ug/l	98
44) Trichloroethene	7.20	130	2066	1.011	ug/l	99

(#) = 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: VX013045.D

Acq: 14 Oct 2019 12:36

Instrument :

MSVOA_X

ClientSampleId :

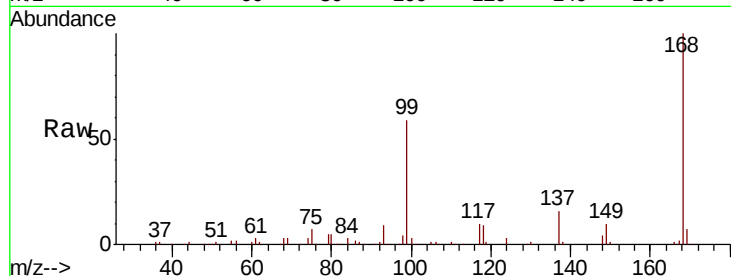
FA19-JBW7344

Tot Ion:168 Resp: 176955

Ion Ratio Lower Upper

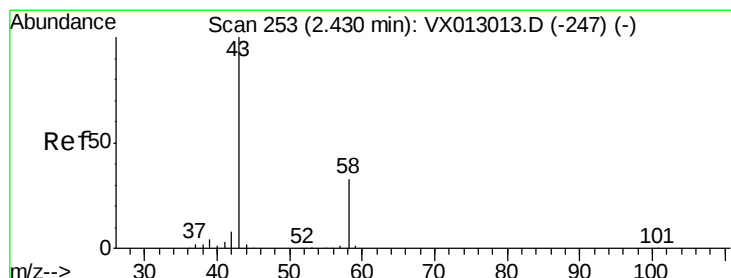
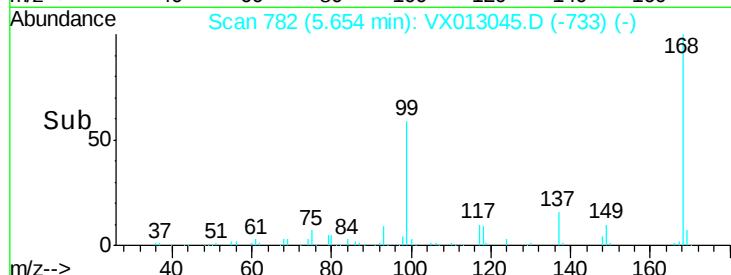
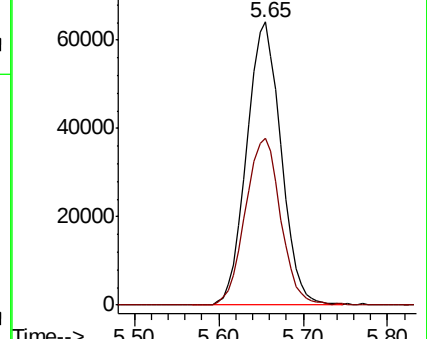
168 100

99 59.0 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: 8.387 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013045.D

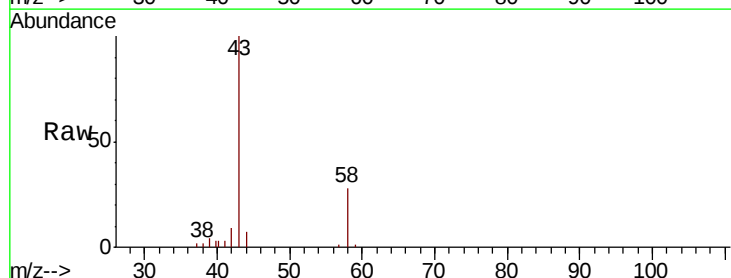
Acq: 14 Oct 2019 12:36

Tgt Ion: 43 Resp: 9778

Ion Ratio Lower Upper

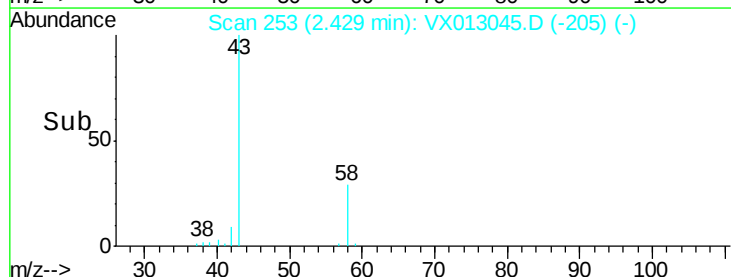
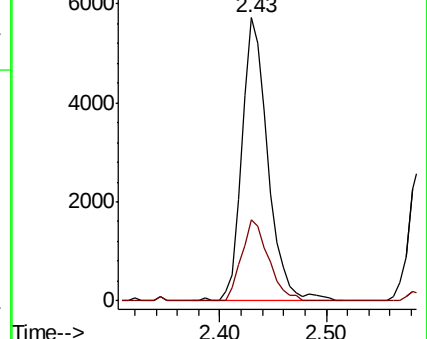
43 100

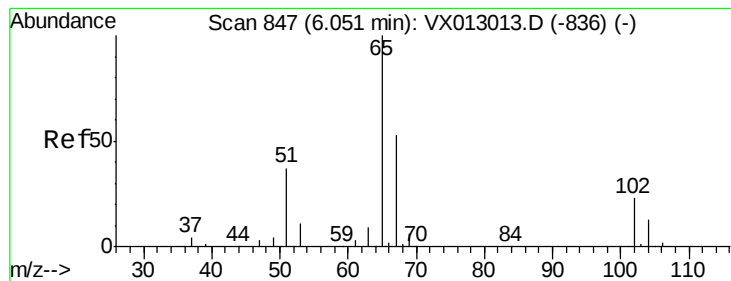
58 28.5 25.4 38.2



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: 48.178 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX013045.D

Acq: 14 Oct 2019 12:36

Instrument :

MSVOA_X

ClientSampleId :

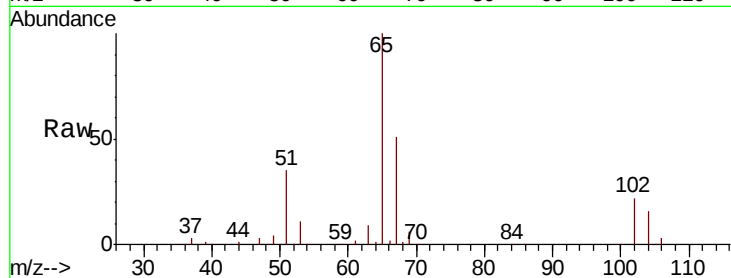
FA19-JBW7344

Tot Ion: 65 Resp: 106557

Ion Ratio Lower Upper

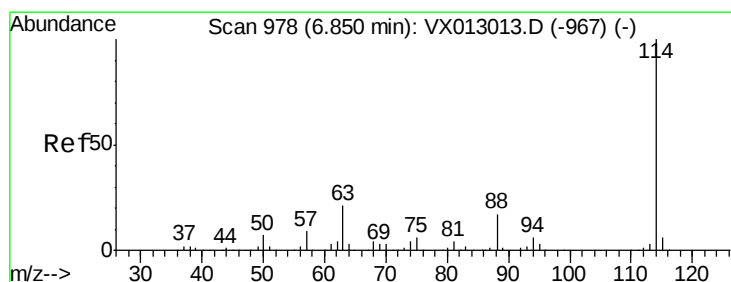
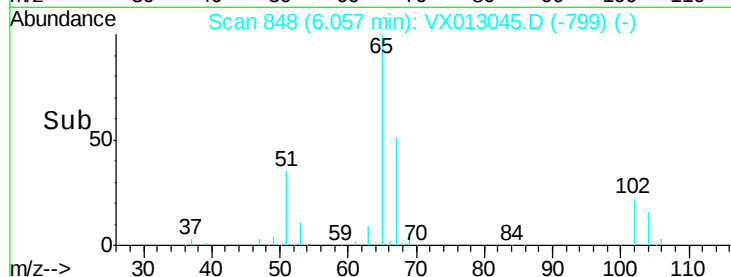
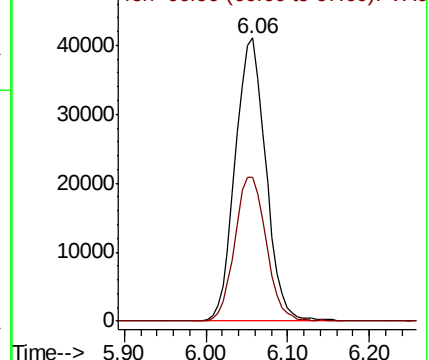
65 100

67 52.4 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: VX013045.D

Acq: 14 Oct 2019 12:36

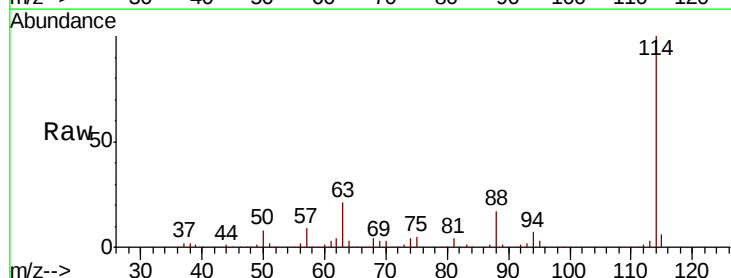
Tgt Ion: 114 Resp: 283812

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

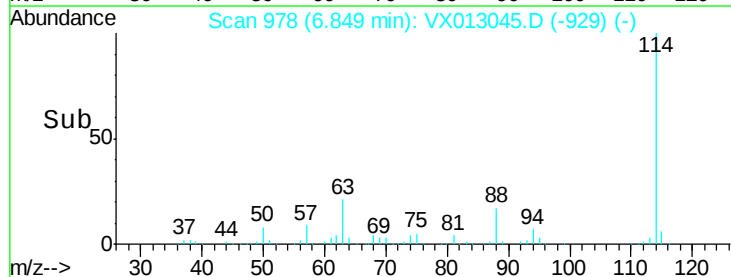
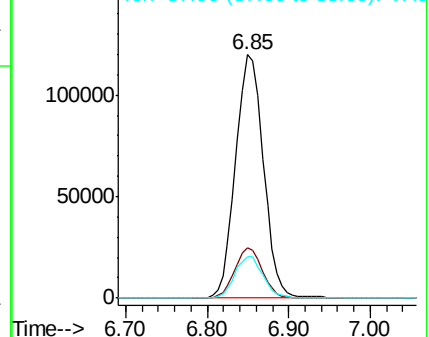
88 17.0 0.0 33.8

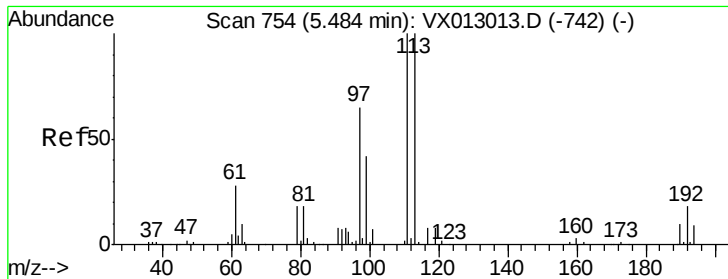


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.449 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013045.D

Acq: 14 Oct 2019 12:36

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7344

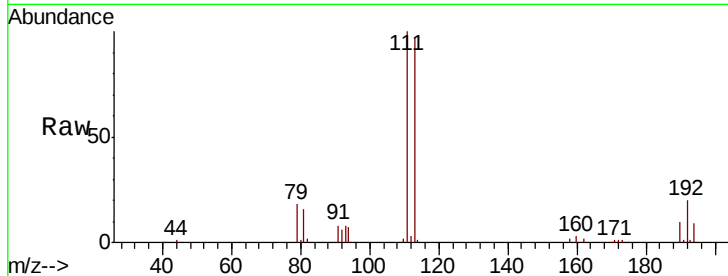
Tot Ion:113 Resp: 85435

Ion Ratio Lower Upper

113 100

111 102.8 83.2 124.8

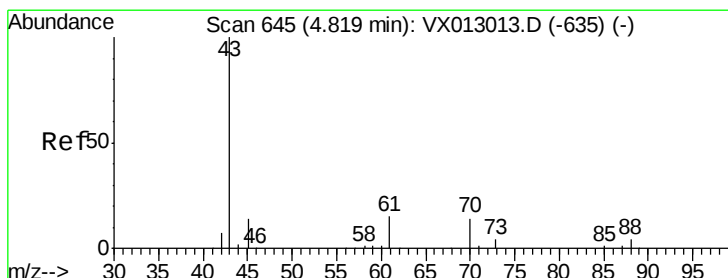
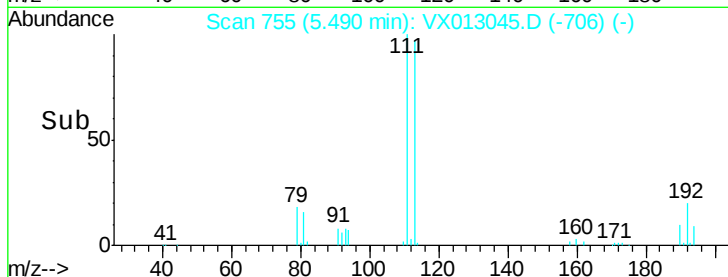
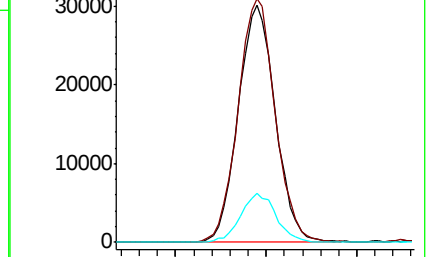
192 19.8 15.4 23.2



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



#37

Ethyl Acetate

Concen: 1.426 ug/l

RT: 4.83 min Scan# 647

Delta R.T. 0.01 min

Lab File: VX013045.D

Acq: 14 Oct 2019 12:36

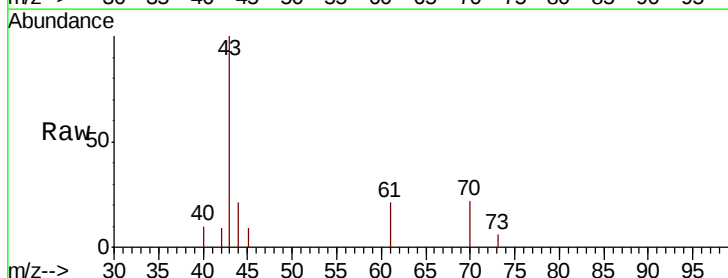
Tgt Ion: 43 Resp: 3978

Ion Ratio Lower Upper

43 100

61 16.1 11.4 17.0

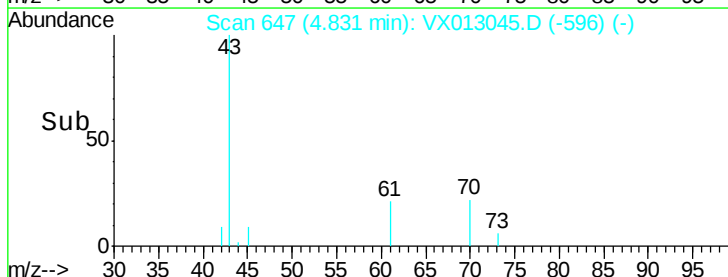
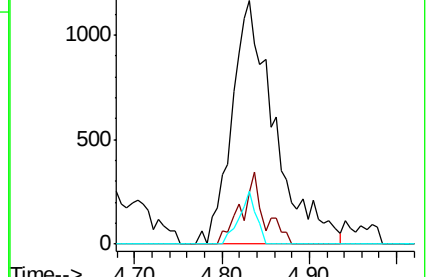
70 8.7 9.8 14.6#

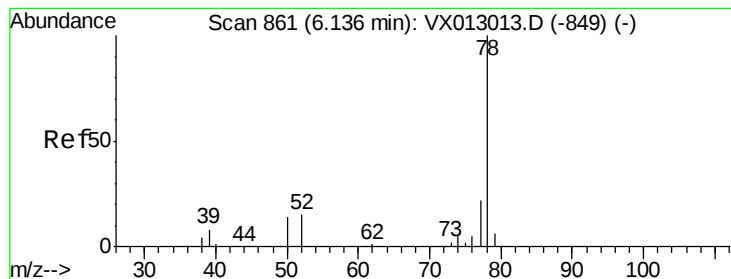


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#40

Benzene

Concen: 1.754 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.00 min

Lab File: VX013045.D

Acq: 14 Oct 2019 12:36

Instrument :

MSVOA_X

ClientSampleId :

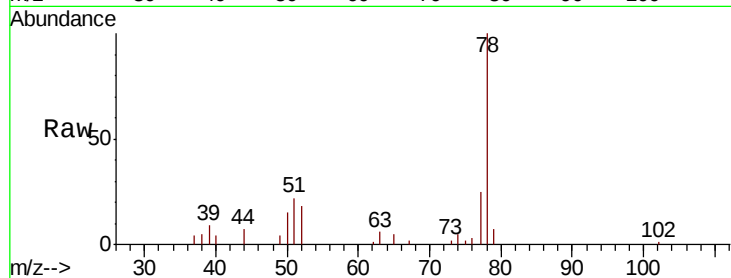
FA19-JBW7344

Tot Ion: 78 Resp: 12926

Ion Ratio Lower Upper

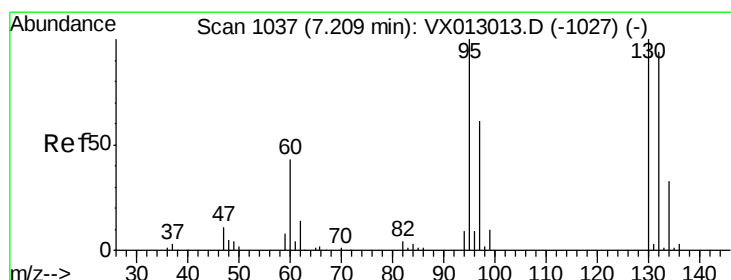
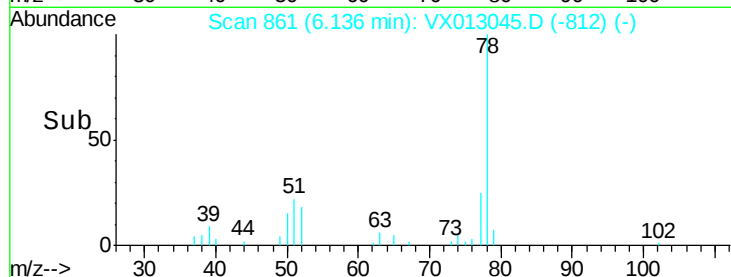
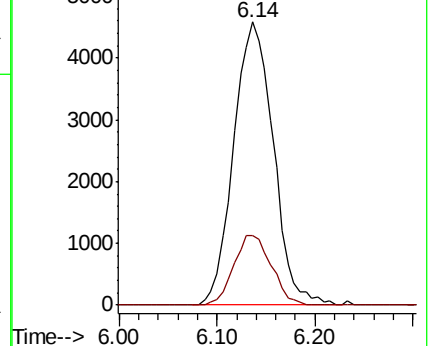
78 100

77 24.6 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#44

Trichloroethene

Concen: 1.011 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX013045.D

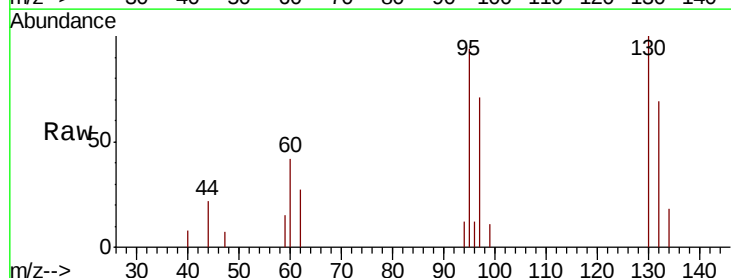
Acq: 14 Oct 2019 12:36

Tgt Ion: 130 Resp: 2066

Ion Ratio Lower Upper

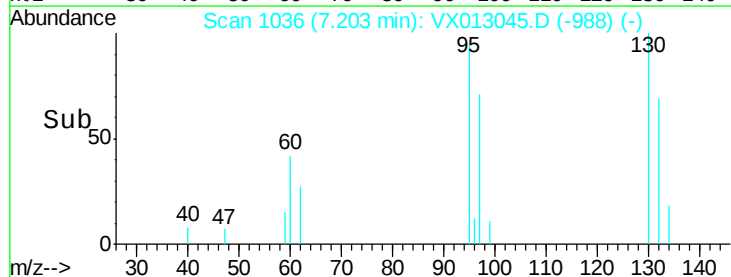
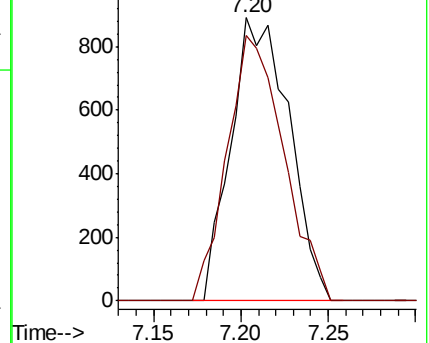
130 100

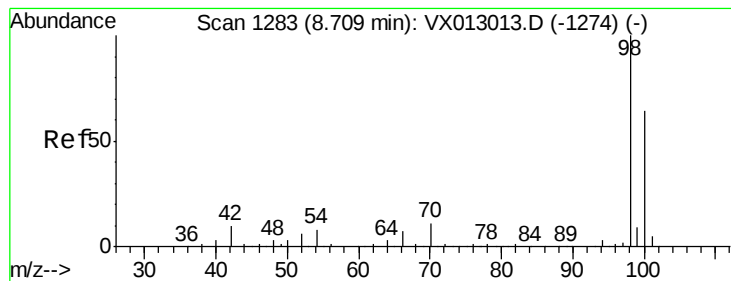
95 93.7 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 52.135 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013045.D

Acq: 14 Oct 2019 12:36

Instrument :

MSVOA_X

ClientSampleId :

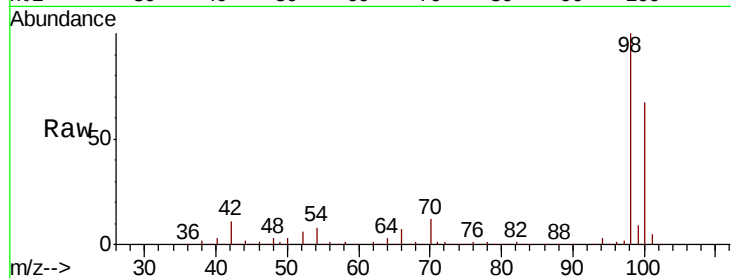
FA19-JBW7344

Tot Ion: 98 Resp: 331227

Ion Ratio Lower Upper

98 100

100 66.8 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

150000

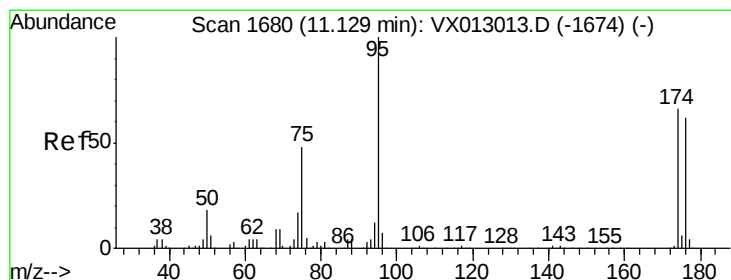
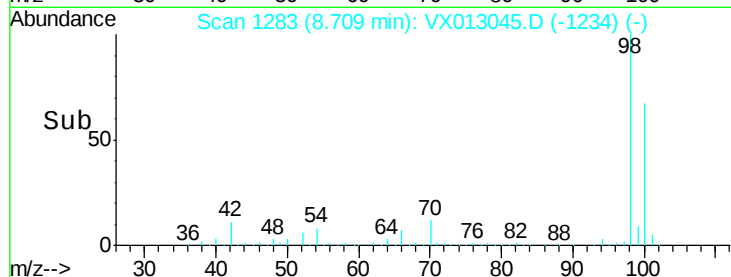
100000

50000

0

Time-->

8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 43.114 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013045.D

Acq: 14 Oct 2019 12:36

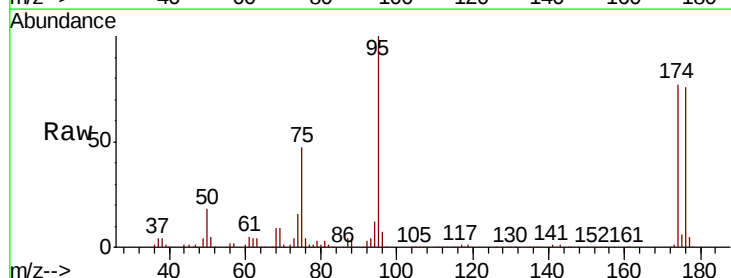
Tgt Ion: 95 Resp: 106431

Ion Ratio Lower Upper

95 100

174 73.6 0.0 143.4

176 71.5 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

11.14

100000

80000

60000

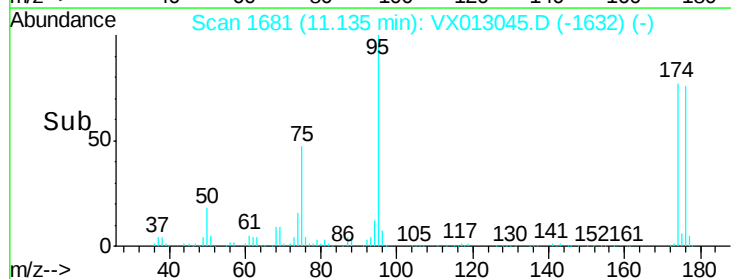
40000

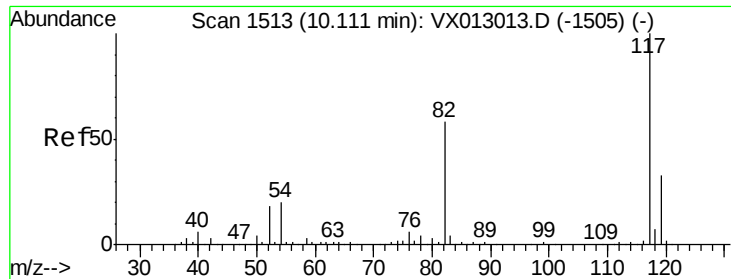
20000

0

Time-->

11.10 11.20

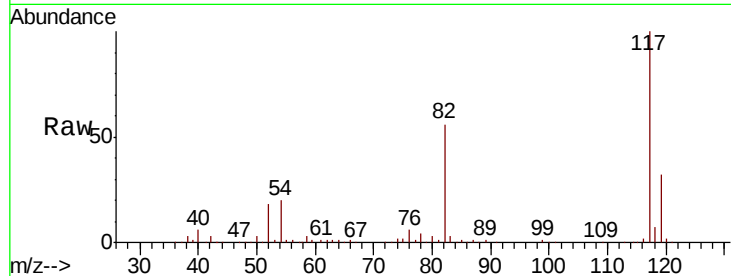




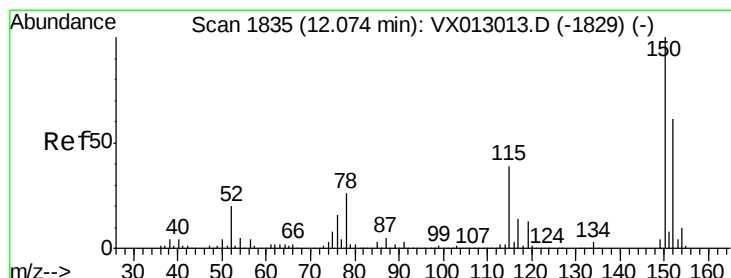
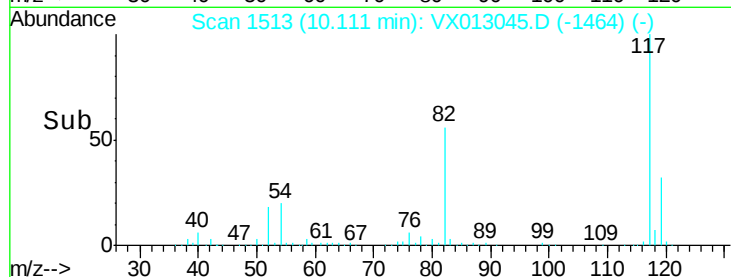
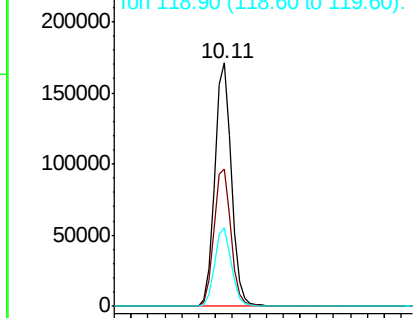
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013045.D
Acq: 14 Oct 2019 12:36

Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7344

Tot Ion:117 Resp: 235112
Ion Ratio Lower Upper
117 100
82 56.3 44.1 66.1
119 32.1 25.8 38.8

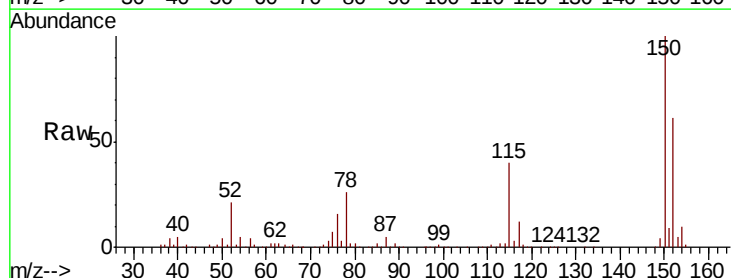


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013045.D
Acq: 14 Oct 2019 12:36

Tgt Ion:152 Resp: 87503
Ion Ratio Lower Upper
152 100
115 64.4 44.5 133.5
150 158.7 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

