

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101819\
 Data File : VX013143.D
 Acq On : 18 Oct 2019 21:24
 Operator : JC/SP
 Sample : K5451-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JPZ0348-9001

Quant Time: Oct 19 05:46:02 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

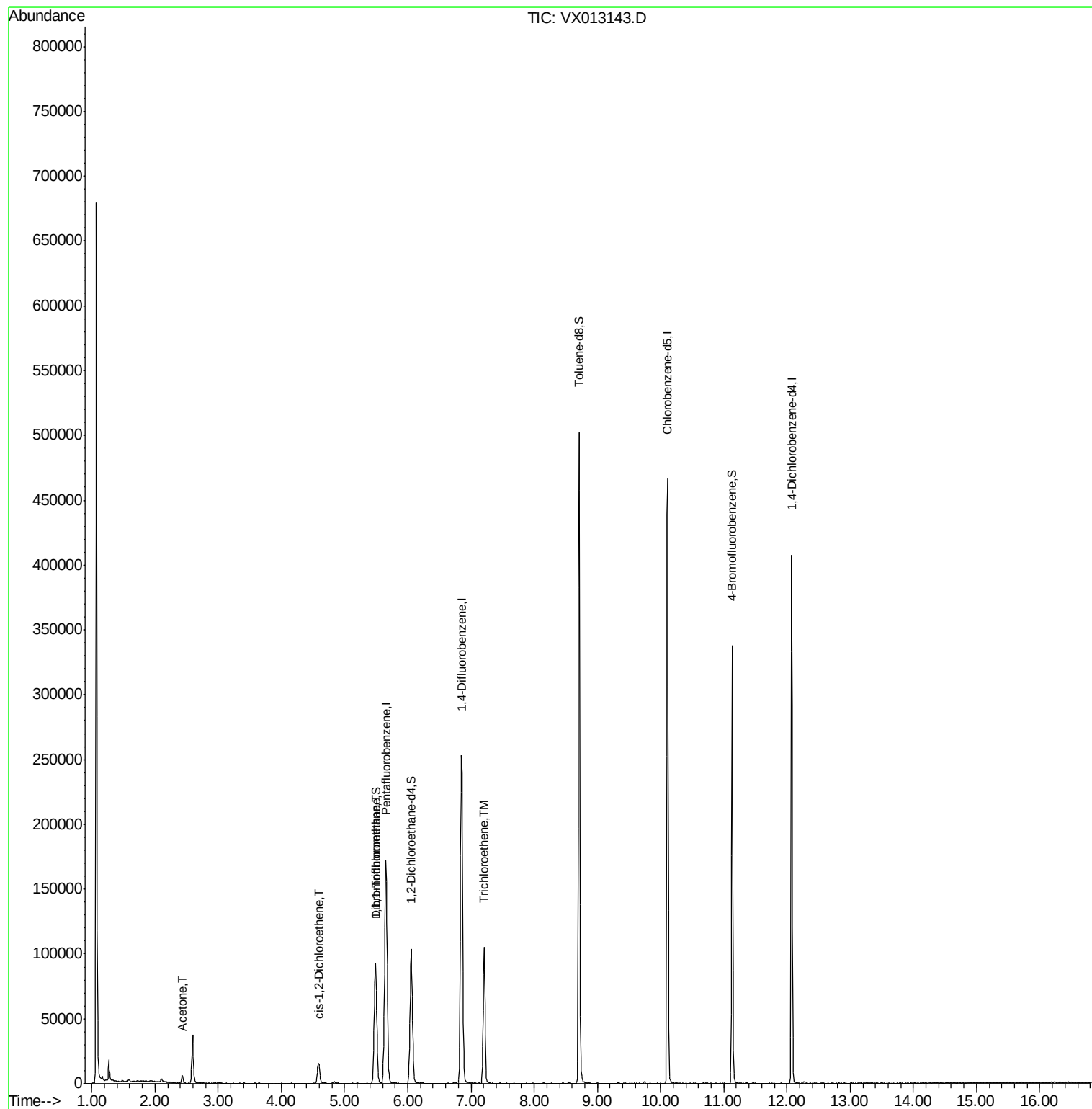
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	163340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	256737	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	218137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	81861	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	98471	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
35) Dibromofluoromethane	5.49	113	77794	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.58%	
50) Toluene-d8	8.71	98	298109	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	11.13	95	96499	43.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.42%	
Target Compounds						
16) Acetone	2.43	43	6526	6.065	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	10027	4.917	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	2765	1.004	ug/l #	50
44) Trichloroethene	7.21	130	41430	22.410	ug/l	96

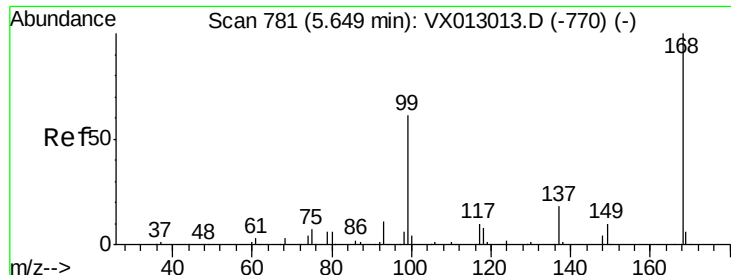
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 16 07:26:22 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: VX013143.D

Acq: 18 Oct 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

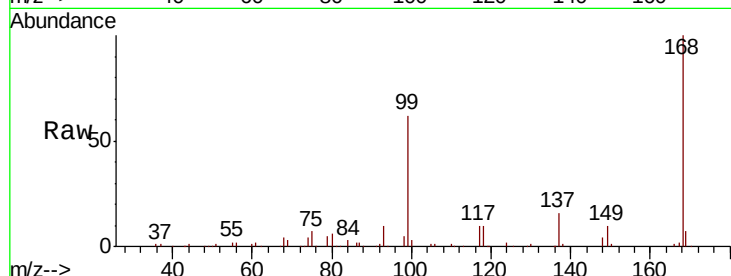
FA19-JPZ0348-9001

Tot Ion:168 Resp: 163340

Ion Ratio Lower Upper

168 100

99 61.6 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

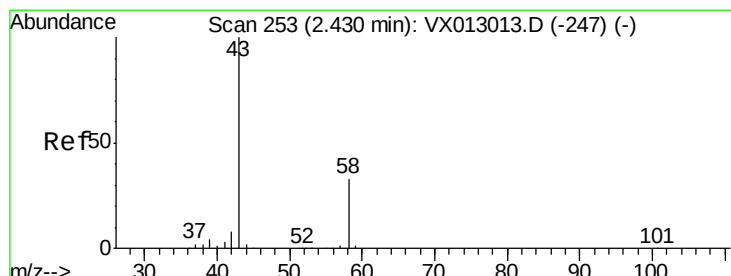
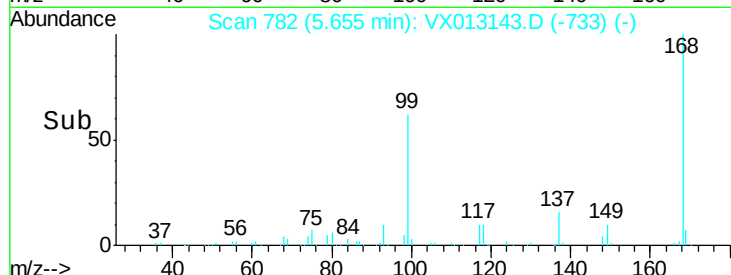
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.065 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013143.D

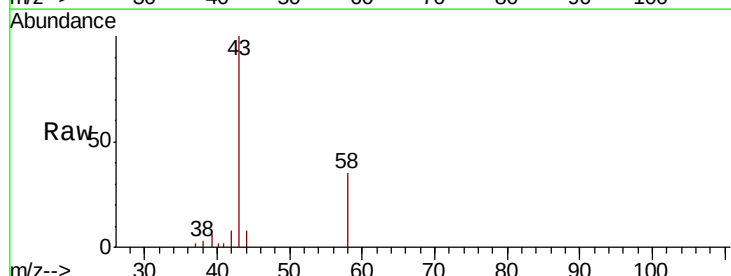
Acq: 18 Oct 2019 21:24

Tgt Ion: 43 Resp: 6526

Ion Ratio Lower Upper

43 100

58 34.6 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

4000

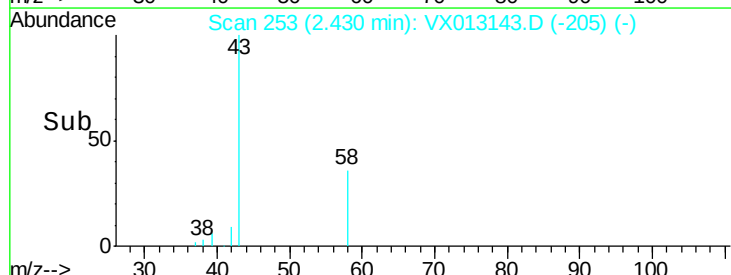
3000

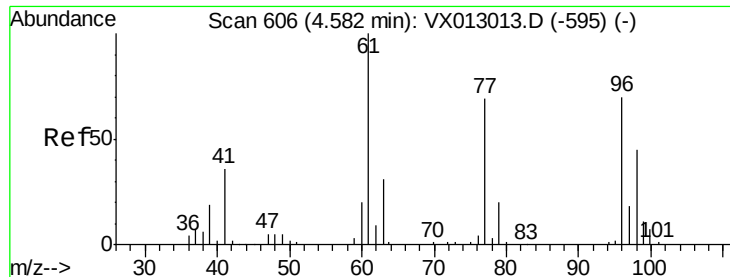
2000

1000

0

Time--> 2.35 2.40 2.45 2.50





#27

cis-1,2-Dichloroethene

Concen: 4.917 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX013143.D

Acq: 18 Oct 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

FA19-JPZ0348-9001

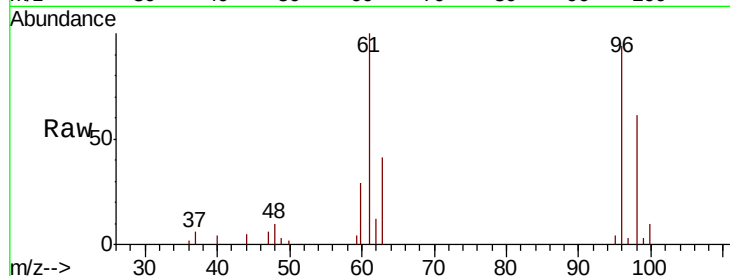
Tot Ion: 96 Resp: 10027

Ion Ratio Lower Upper

96 100

61 122.8 0.0 290.6

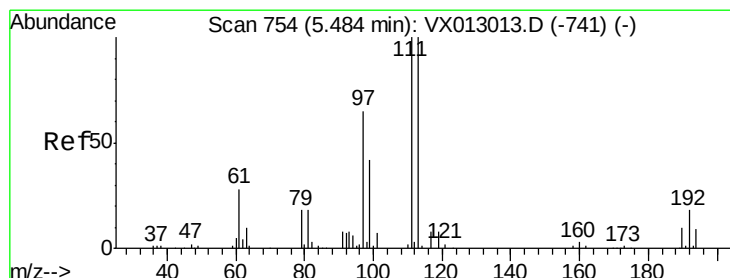
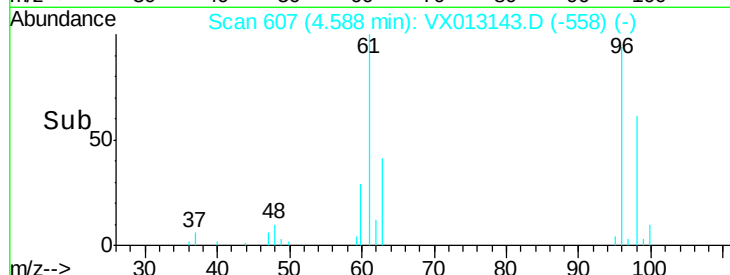
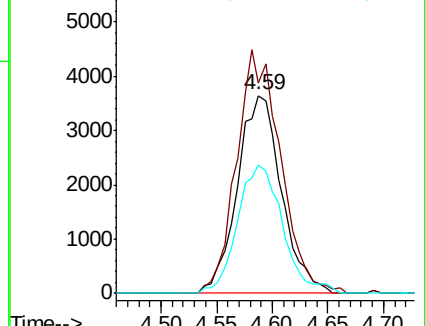
98 66.5 0.0 128.8



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: 1.004 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013143.D

Acq: 18 Oct 2019 21:24

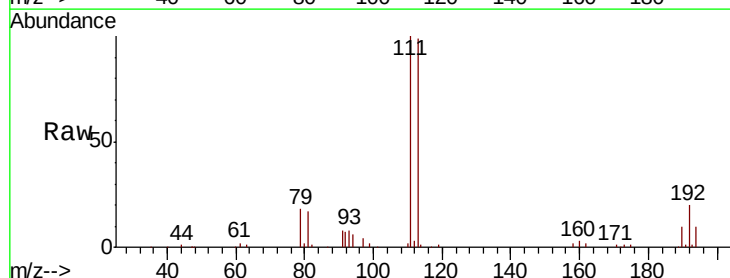
Tgt Ion: 97 Resp: 2765

Ion Ratio Lower Upper

97 100

99 0.0 52.3 78.5#

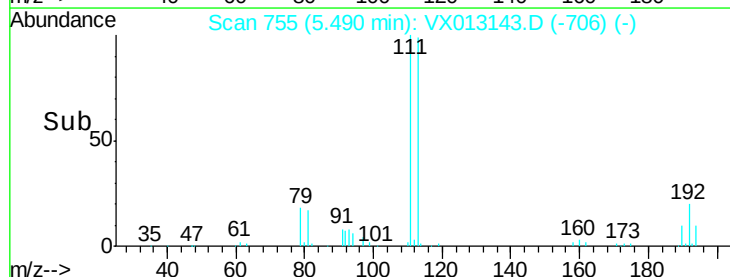
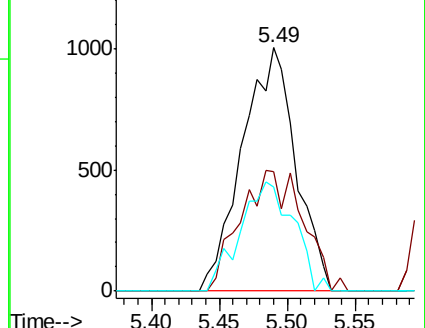
61 44.8 35.0 52.4

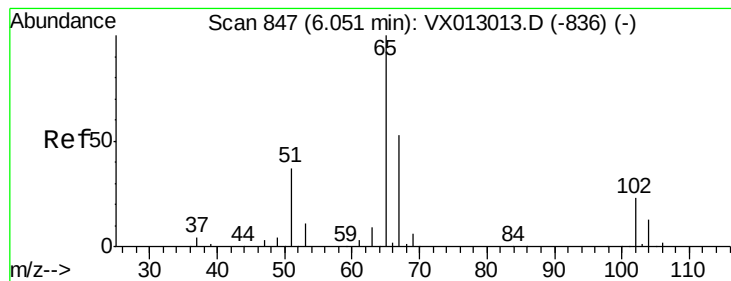


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.234 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013143.D

Acq: 18 Oct 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

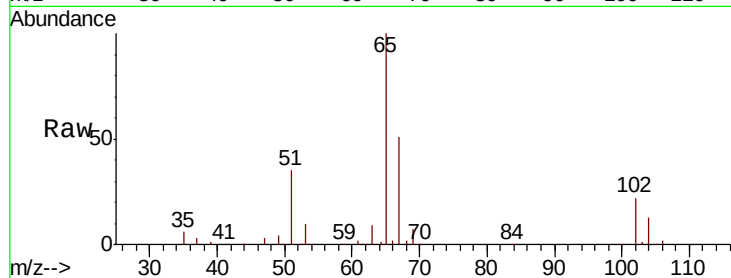
FA19-JPZ0348-9001

Tot Ion: 65 Resp: 98471

Ion Ratio Lower Upper

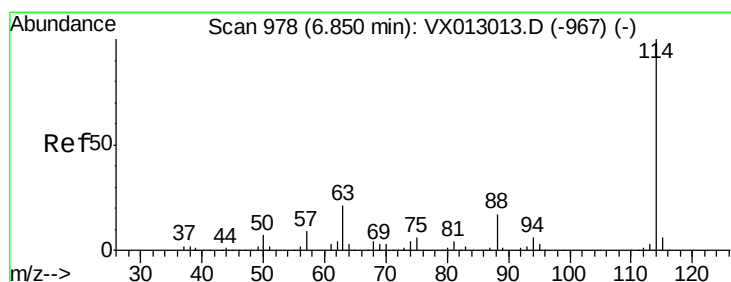
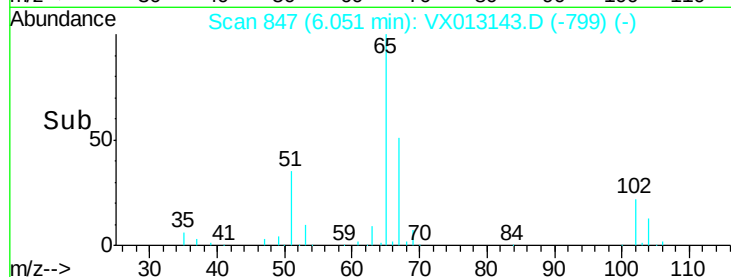
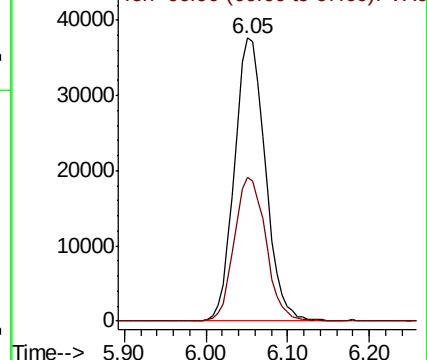
65 100

67 51.9 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: VX013143.D

Acq: 18 Oct 2019 21:24

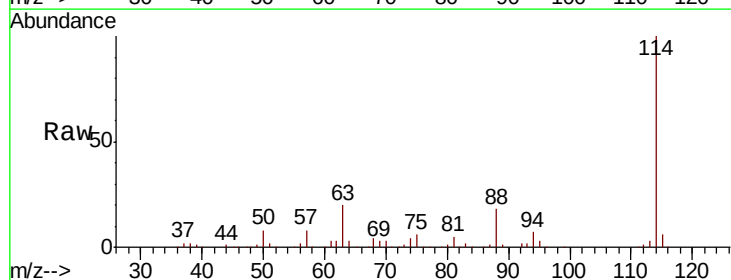
Tgt Ion: 114 Resp: 256737

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

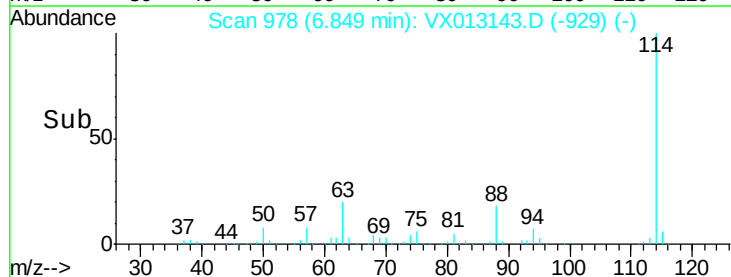
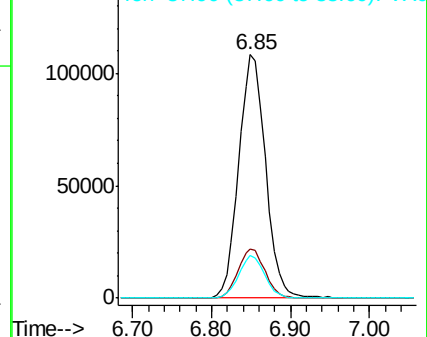
88 17.5 0.0 33.8

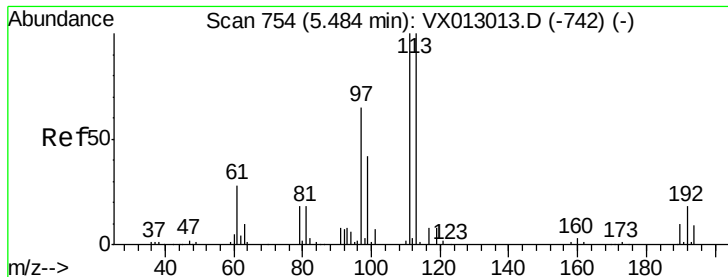


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.794 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013143.D

Acq: 18 Oct 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

FA19-JPZ0348-9001

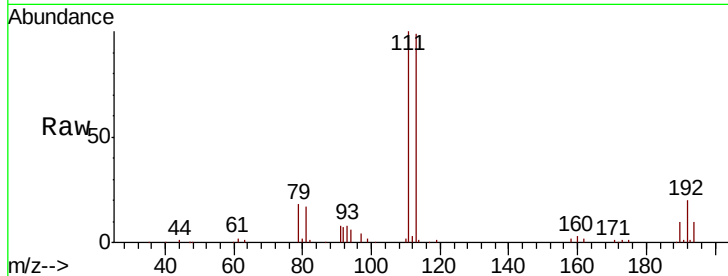
Tot Ion:113 Resp: 77794

Ion Ratio Lower Upper

113 100

111 103.1 83.2 124.8

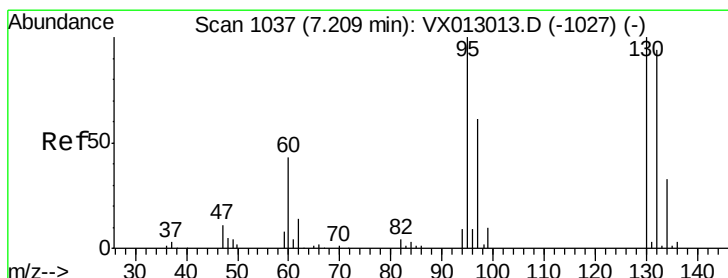
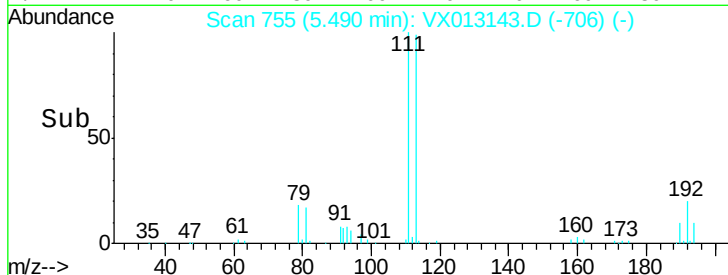
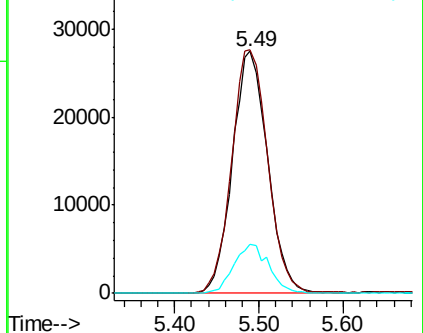
192 20.1 15.4 23.2



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



#44

Trichloroethene

Concen: 22.410 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX013143.D

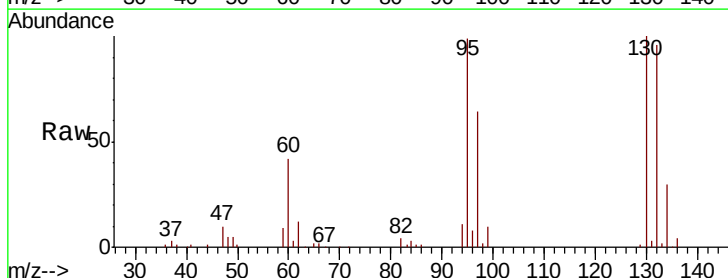
Acq: 18 Oct 2019 21:24

Tgt Ion:130 Resp: 41430

Ion Ratio Lower Upper

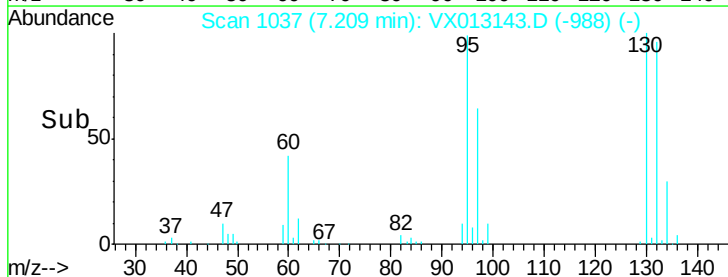
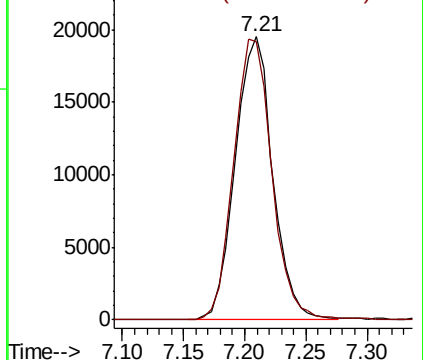
130 100

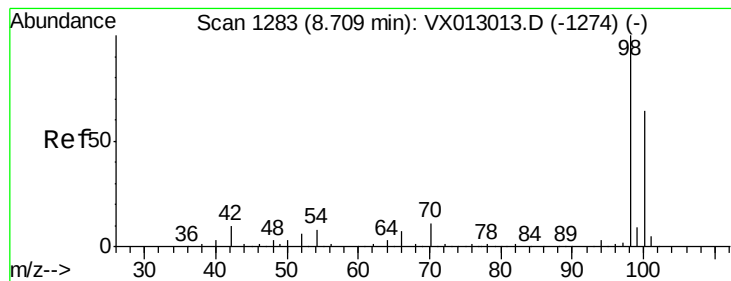
95 98.5 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.871 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013143.D

Acq: 18 Oct 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

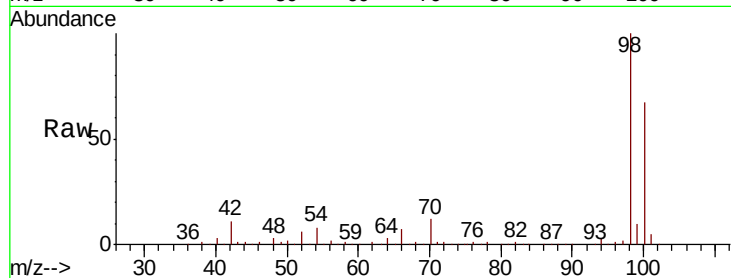
FA19-JPZ0348-9001

Tot Ion: 98 Resp: 298109

Ion Ratio Lower Upper

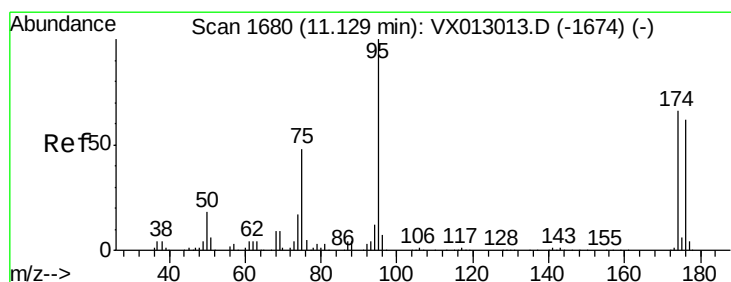
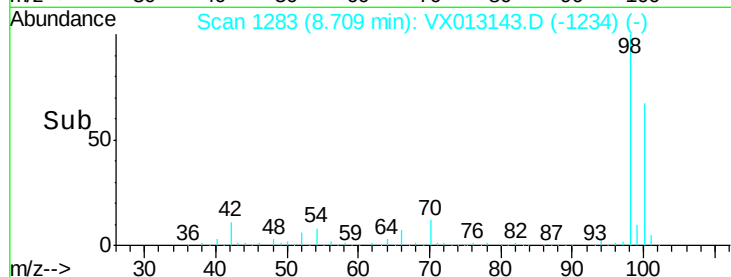
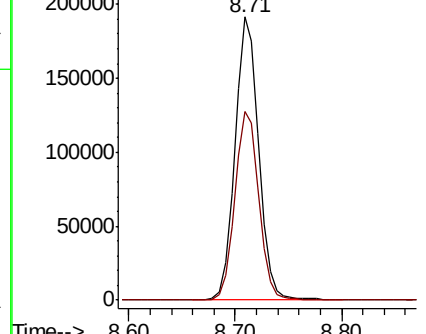
98 100

100 67.9 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: 43.213 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013143.D

Acq: 18 Oct 2019 21:24

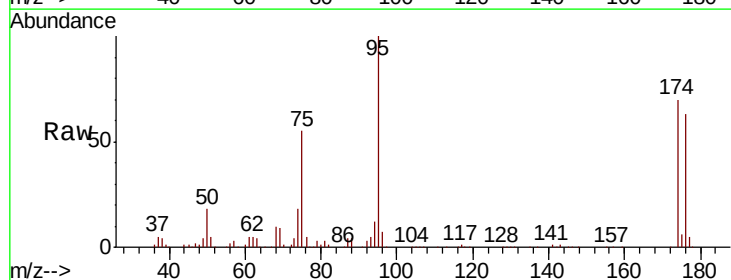
Tgt Ion: 95 Resp: 96499

Ion Ratio Lower Upper

95 100

174 77.0 0.0 143.4

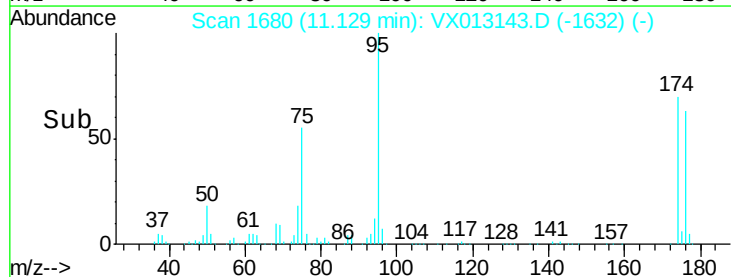
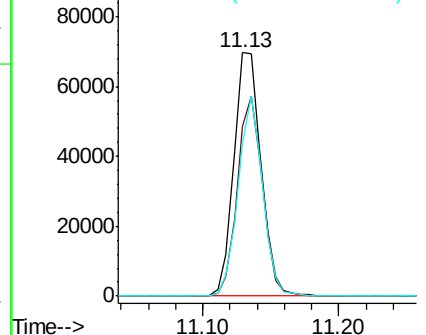
176 74.0 0.0 136.0

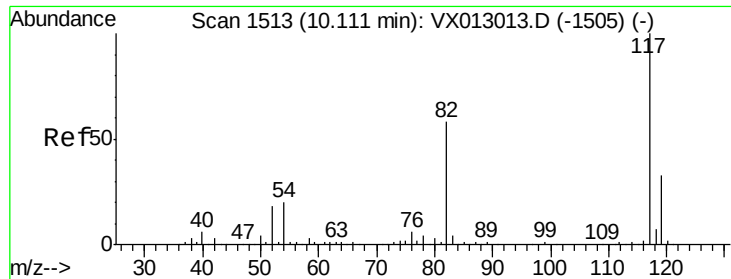


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX013143.D

Acq: 18 Oct 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

FA19-JPZ0348-9001

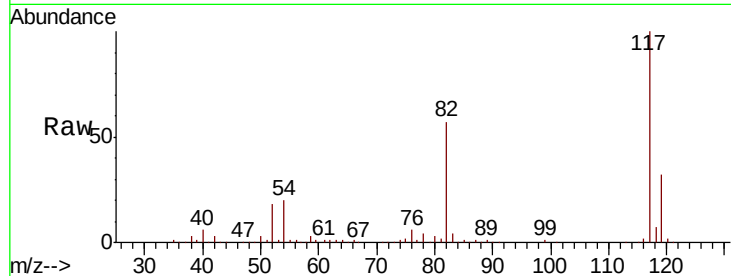
Tot Ion:117 Resp: 218137

Ion Ratio Lower Upper

117 100

82 57.1 44.1 66.1

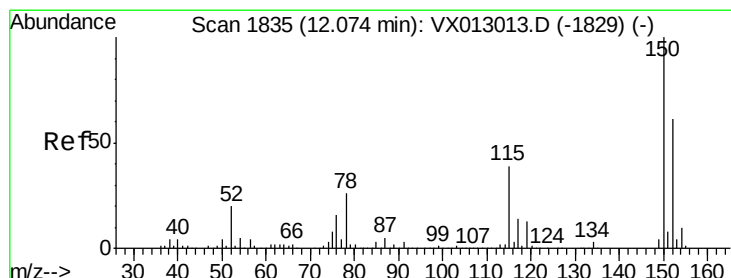
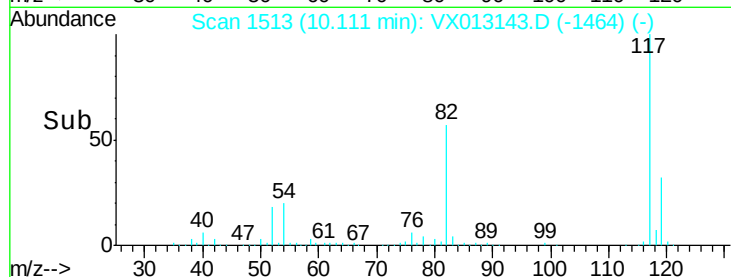
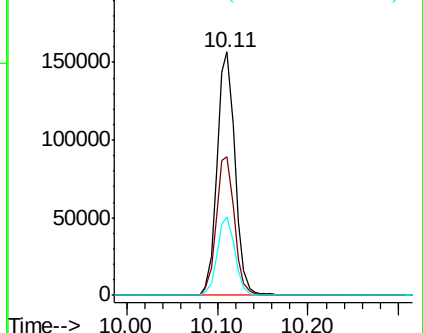
119 32.4 25.8 38.8



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: VX013143.D

Acq: 18 Oct 2019 21:24

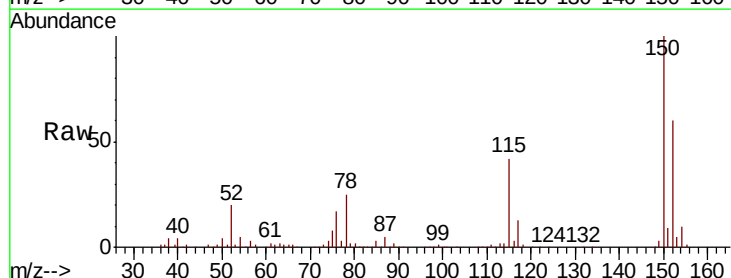
Tgt Ion:152 Resp: 81861

Ion Ratio Lower Upper

152 100

115 64.1 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

