

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101419\
 Data File : VX013044.D
 Acq On : 14 Oct 2019 12:13
 Operator : JC/SP
 Sample : K5313-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7338A

Quant Time: Oct 15 03:22:35 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

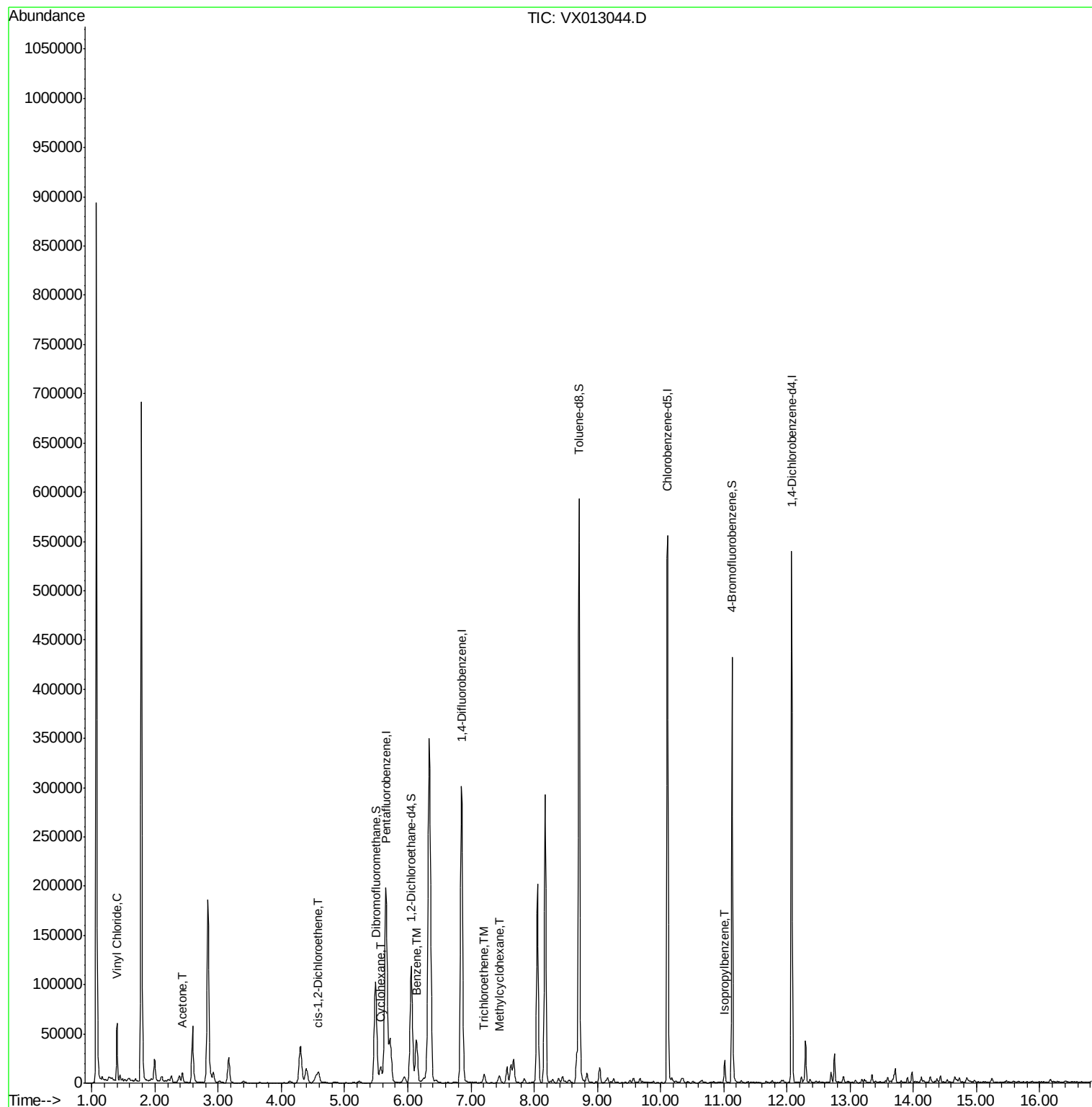
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	184210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	302835	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	261447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	108095	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	113288	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
35) Dibromofluoromethane	5.49	113	88724	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
50) Toluene-d8	8.71	98	356342	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
62) 4-Bromofluorobenzene	11.14	95	122591	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.08%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	6234	2.956	ug/l	92
16) Acetone	2.43	43	11093	9.141	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	5580	2.426	ug/l	90
31) Cyclohexane	5.57	56	10671	3.193	ug/l	96
39) Methylcyclohexane	7.45	83	2431	0.753	ug/l #	85
40) Benzene	6.14	78	53706	6.829	ug/l	99
44) Trichloroethene	7.21	130	3345	1.534	ug/l	87
73) Isopropylbenzene	11.01	105	12262	1.543	ug/l	98

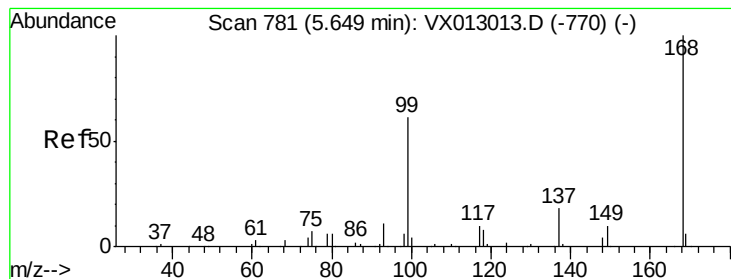
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 781

Delta R.T. -0.01 min

Lab File: VX013044.D

Acq: 14 Oct 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

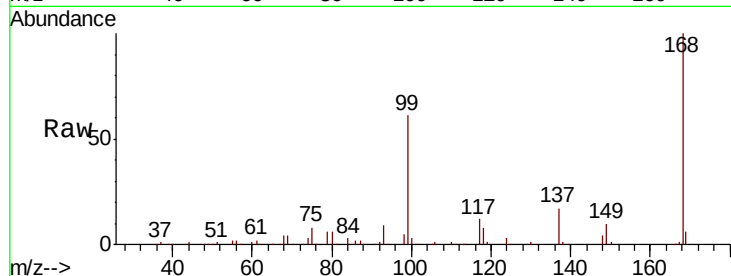
FA19-JBW7338A

Tot Ion:168 Resp: 184210

Ion Ratio Lower Upper

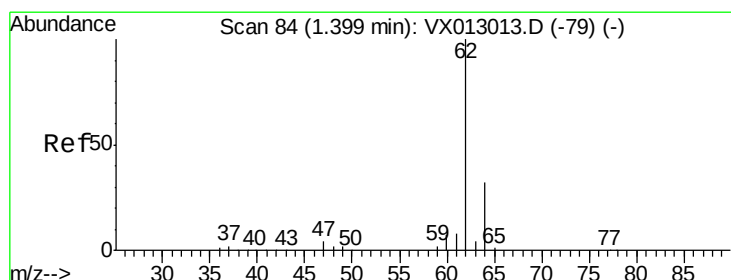
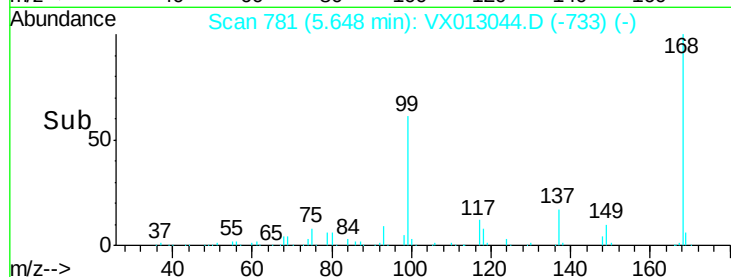
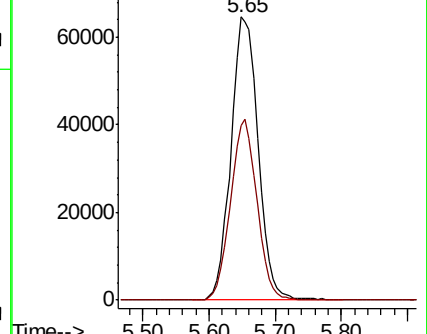
168 100

99 61.5 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 2.956 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013044.D

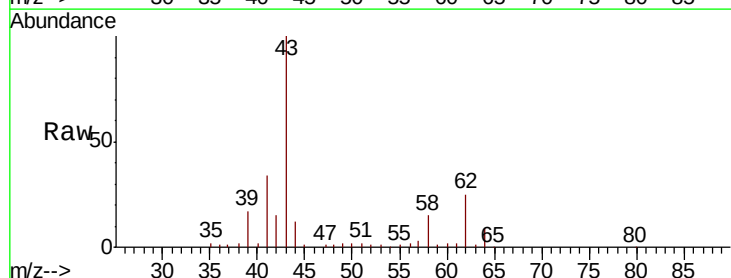
Acq: 14 Oct 2019 12:13

Tgt Ion: 62 Resp: 6234

Ion Ratio Lower Upper

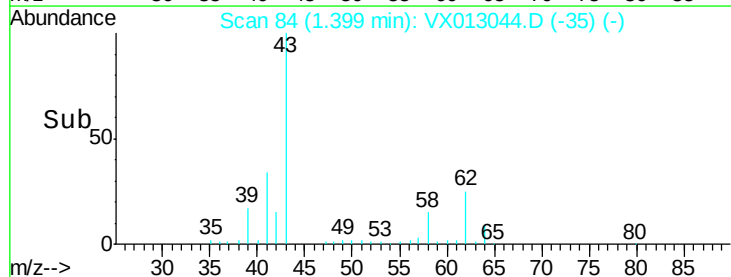
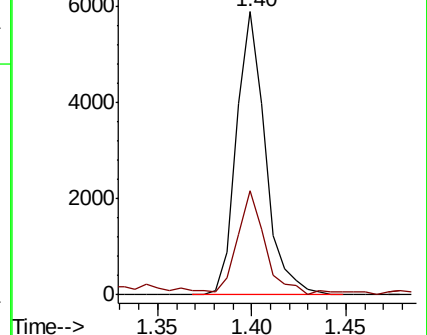
62 100

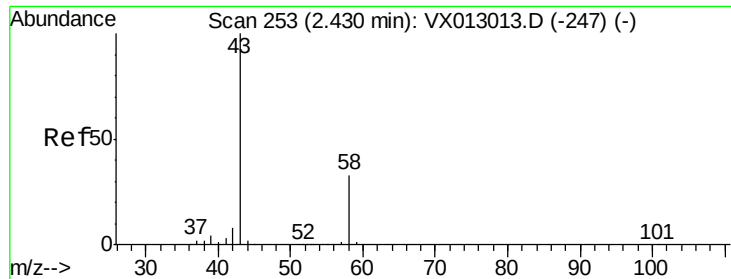
64 35.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 9.141 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013044.D

Acq: 14 Oct 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

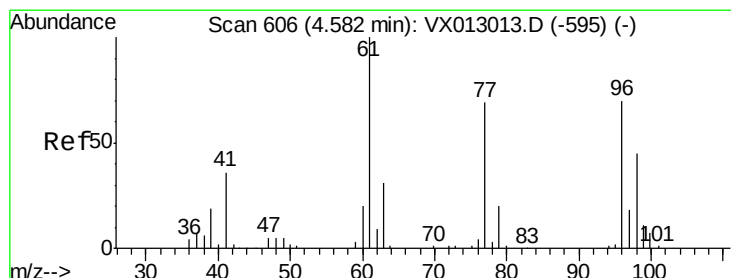
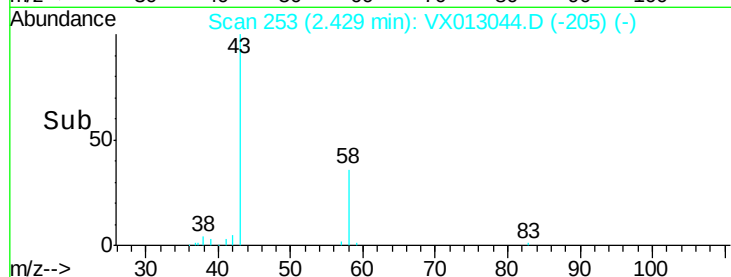
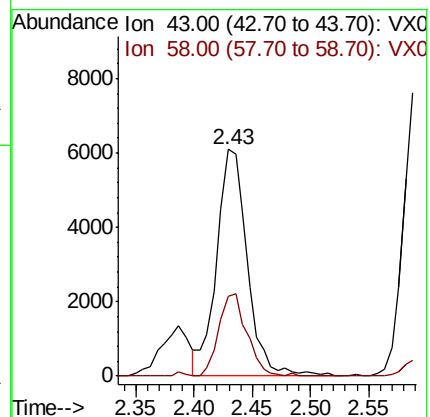
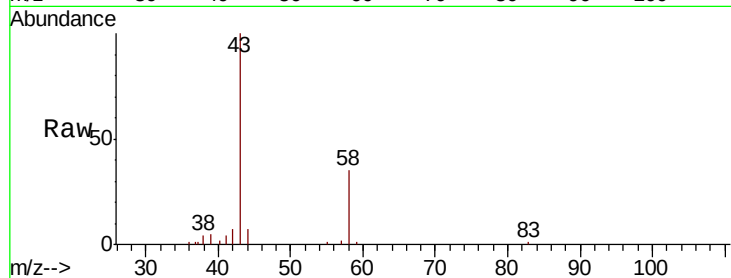
FA19-JBW7338A

Tot Ion: 43 Resp: 11093

Ion Ratio Lower Upper

43 100

58 35.0 25.4 38.2



#27

cis-1,2-Dichloroethene

Concen: 2.426 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX013044.D

Acq: 14 Oct 2019 12:13

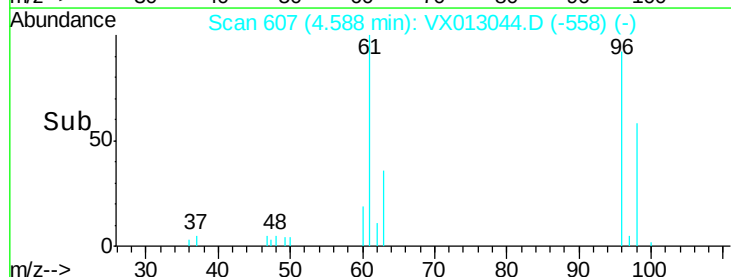
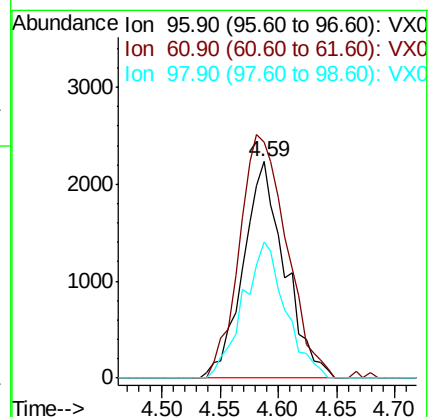
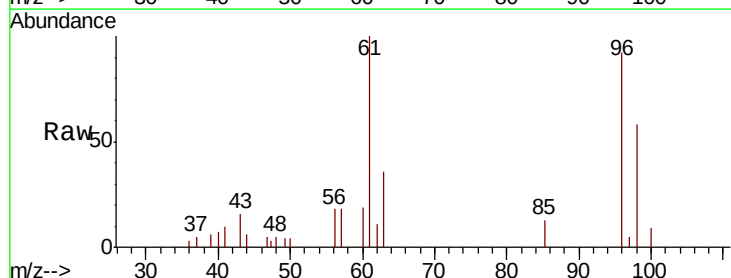
Tgt Ion: 96 Resp: 5580

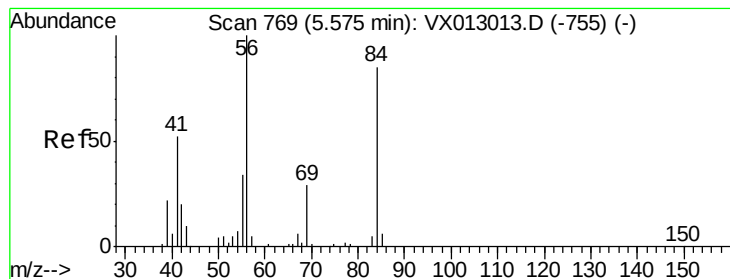
Ion Ratio Lower Upper

96 100

61 127.4 0.0 290.6

98 63.6 0.0 128.8





#31

Cyclohexane

Concen: 3.193 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013044.D

Acq: 14 Oct 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7338A

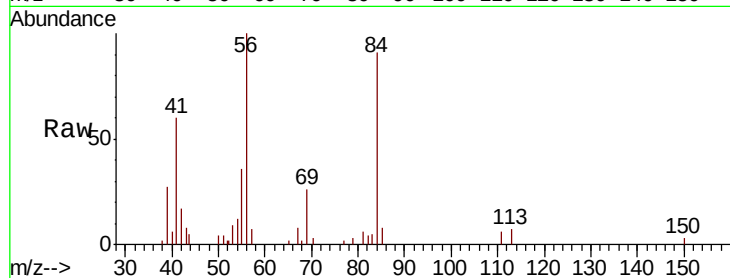
Tot Ion: 56 Resp: 10671

Ion Ratio Lower Upper

56 100

69 26.3 25.2 37.8

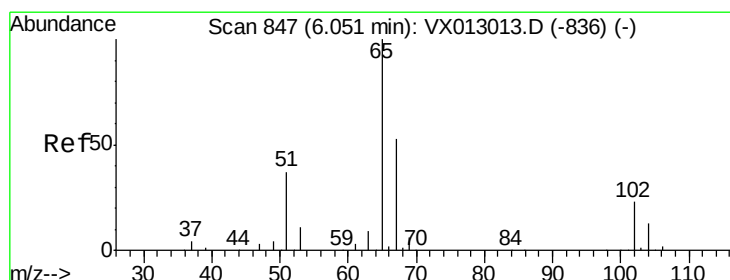
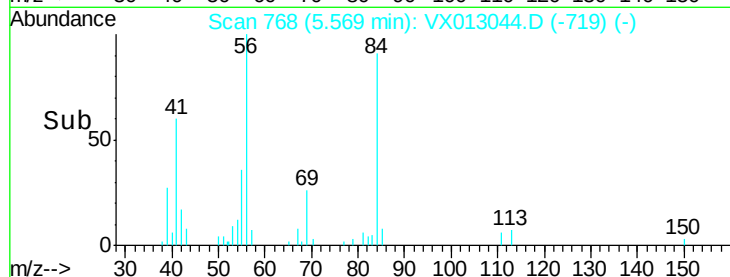
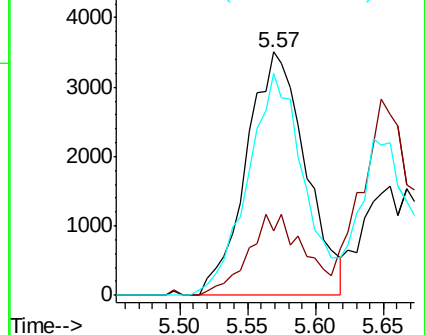
84 91.3 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.204 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013044.D

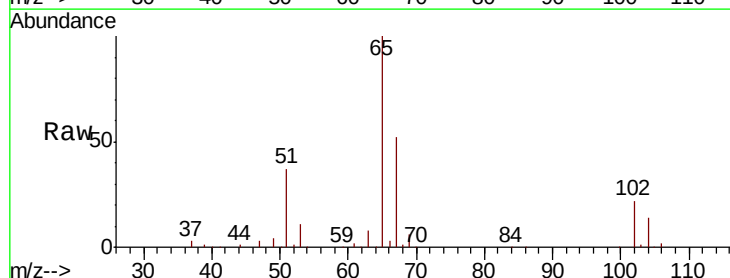
Acq: 14 Oct 2019 12:13

Tgt Ion: 65 Resp: 113288

Ion Ratio Lower Upper

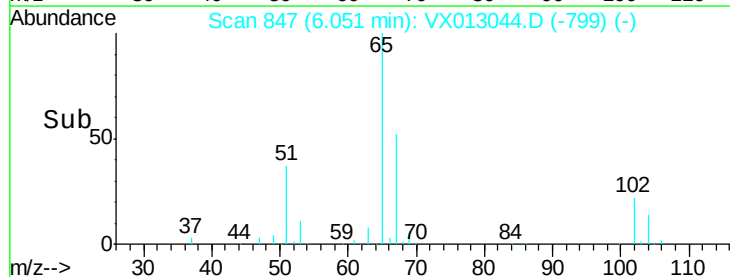
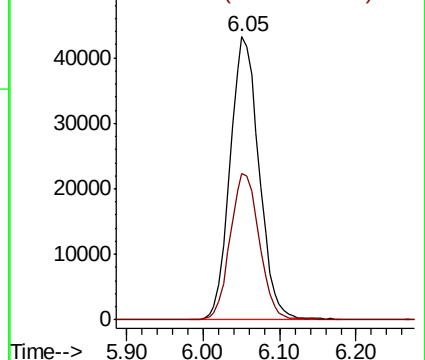
65 100

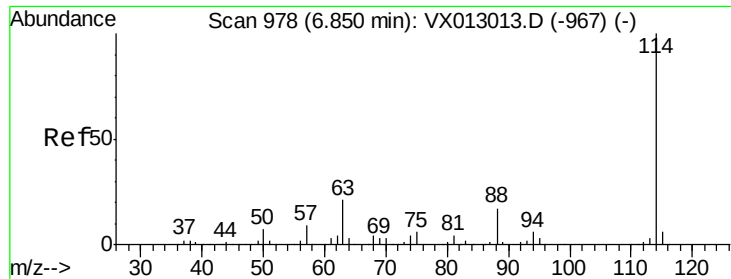
67 52.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

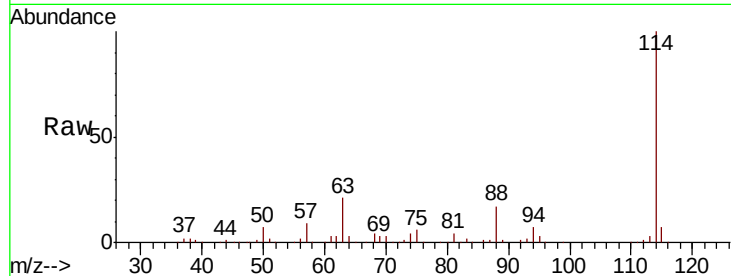




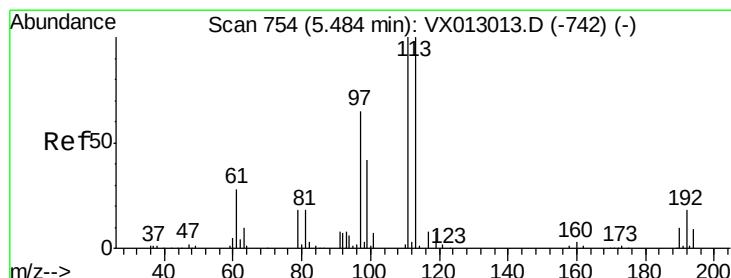
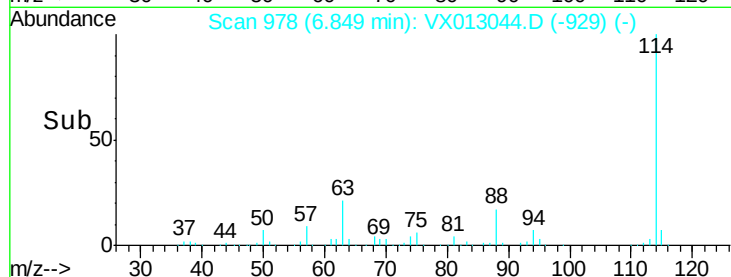
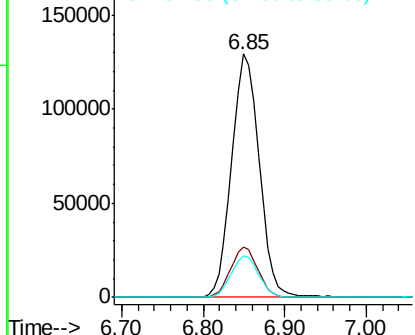
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013044.D
Acq: 14 Oct 2019 12:13

Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7338A

Tot Ion:114 Resp: 302835
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.7 0.0 33.8

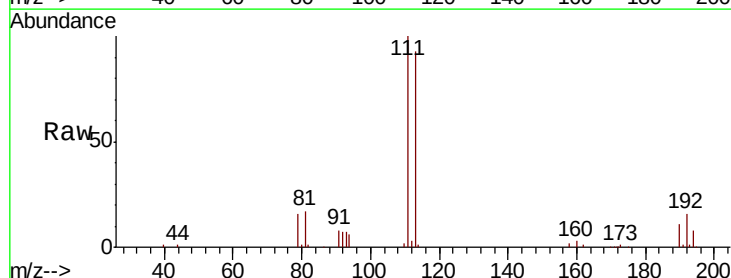


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

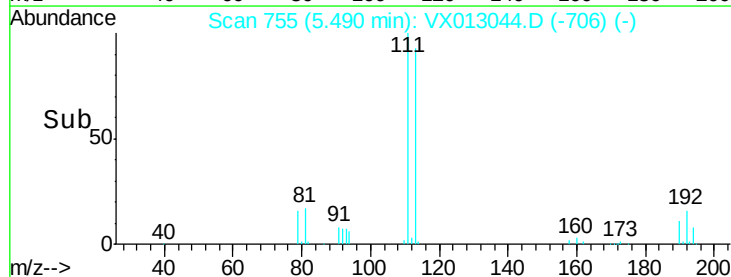
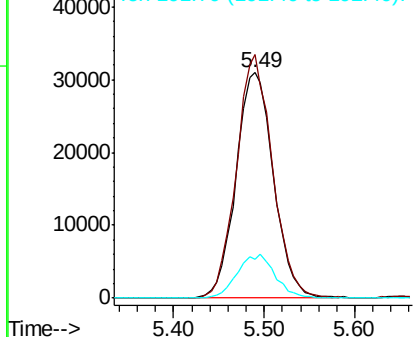


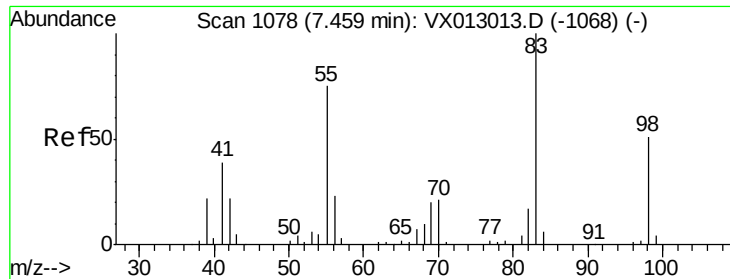
#35
Dibromofluoromethane
Concen: 51.046 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013044.D
Acq: 14 Oct 2019 12:13

Tgt Ion:113 Resp: 88724
Ion Ratio Lower Upper
113 100
111 103.9 83.2 124.8
192 19.4 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

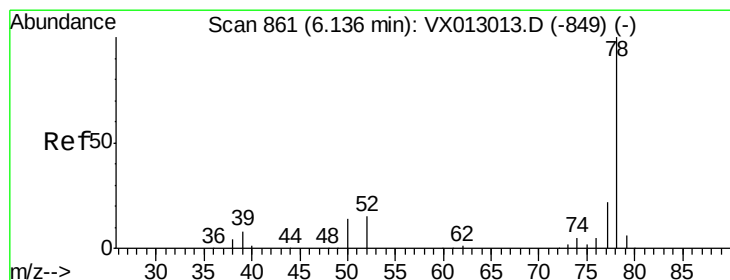
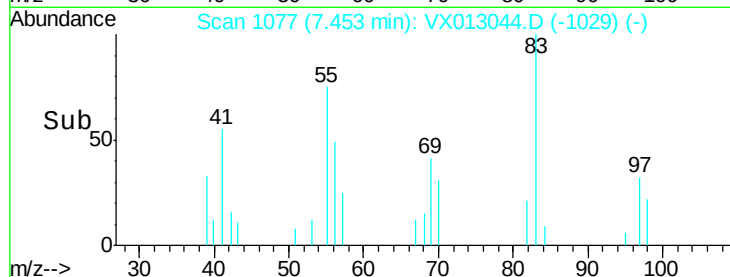
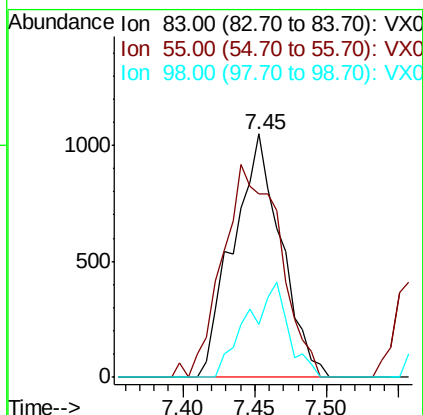
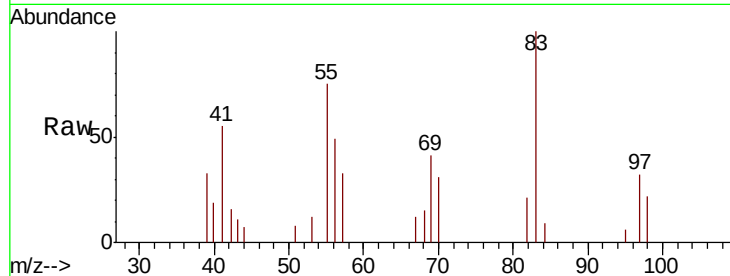




#39
Methylvlcyclohexane
Concen: 0.753 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013044.D
Acq: 14 Oct 2019 12:13

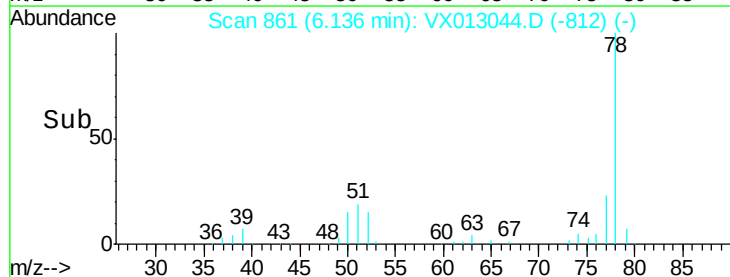
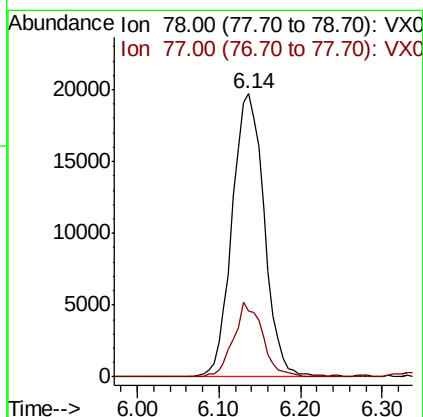
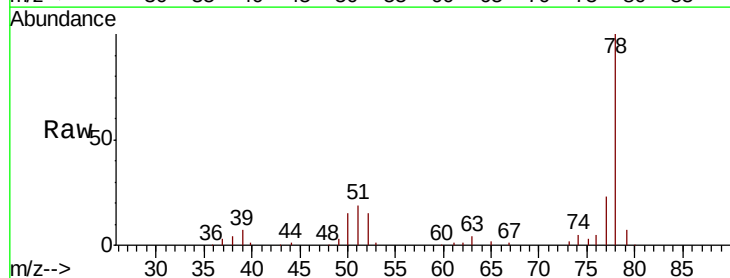
Instrument :
MSVOA_X
ClientSampleId :
FA19-JBW7338A

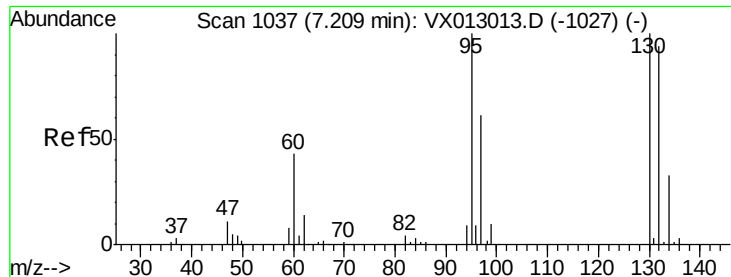
Tot Ion: 83 Resp: 2431
Ion Ratio Lower Upper
83 100
55 75.3 60.2 90.4
98 21.5 38.5 57.7#



#40
Benzene
Concen: 6.829 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX013044.D
Acq: 14 Oct 2019 12:13

Tgt Ion: 78 Resp: 53706
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4

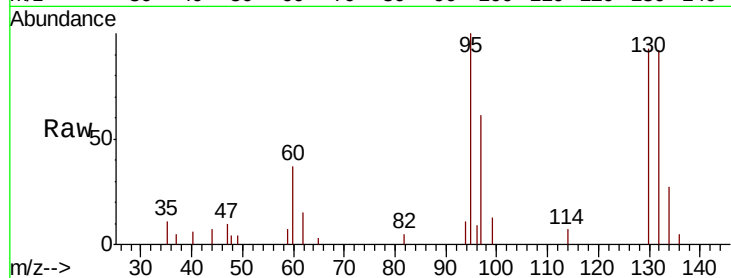




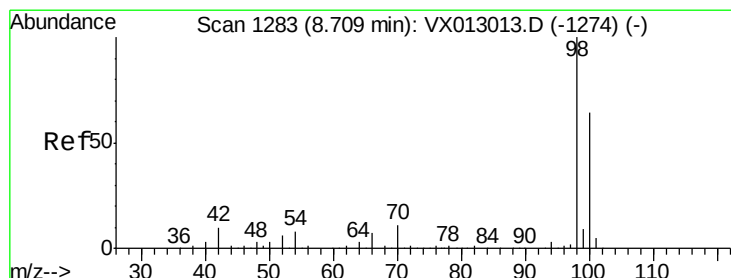
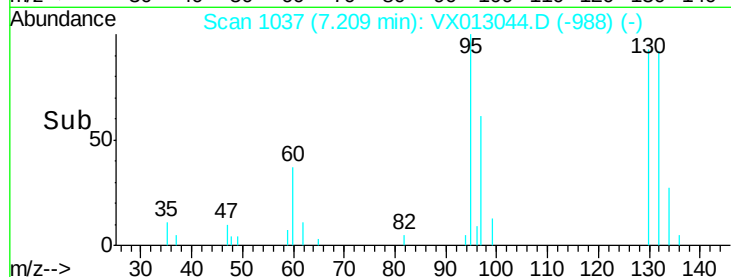
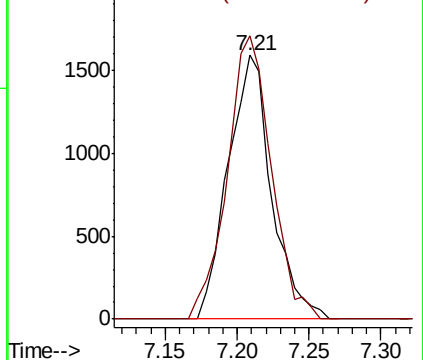
#44
 Trichloroethene
 Concen: 1.534 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX013044.D
 Acq: 14 Oct 2019 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7338A

Tot Ion:130 Resp: 3345
 Ion Ratio Lower Upper
 130 100
 95 107.4 0.0 189.2

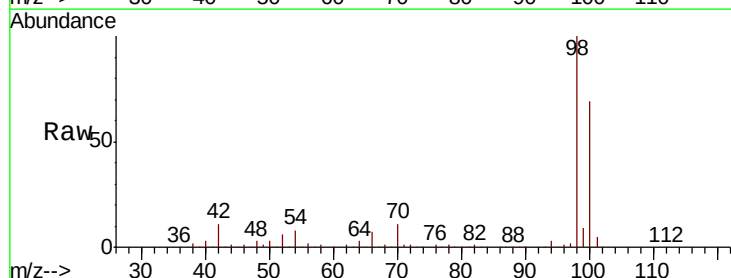


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

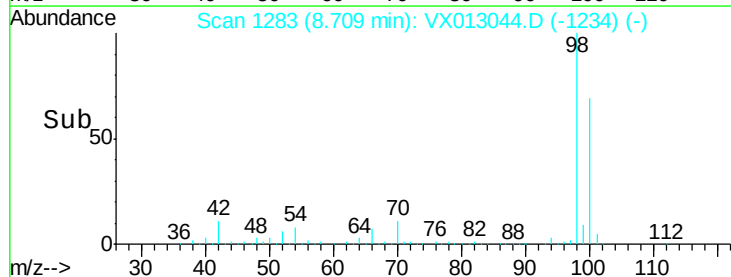
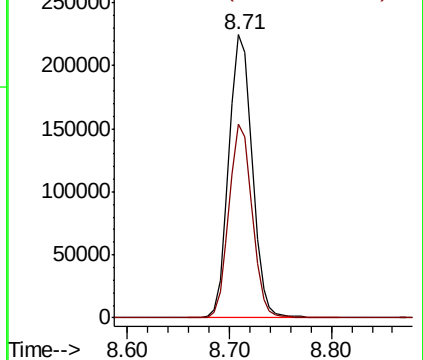


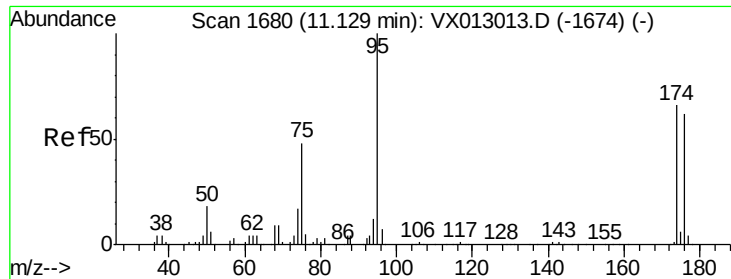
#50
 Toluene-d8
 Concen: 52.565 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX013044.D
 Acq: 14 Oct 2019 12:13

Tgt Ion: 98 Resp: 356342
 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: 46.541 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013044.D

Acq: 14 Oct 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JBW7338A

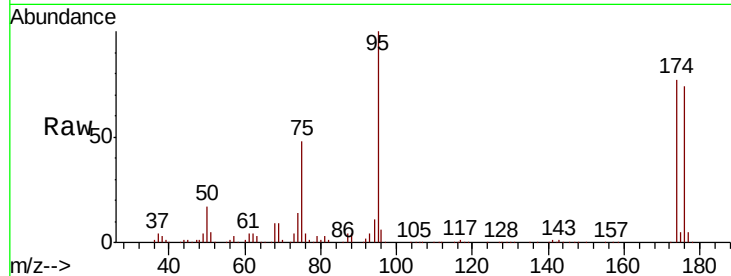
Tot Ion: 95 Resp: 122591

Ion Ratio Lower Upper

95 100

174 73.7 0.0 143.4

176 70.8 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) (-)

11.14

120000

100000

80000

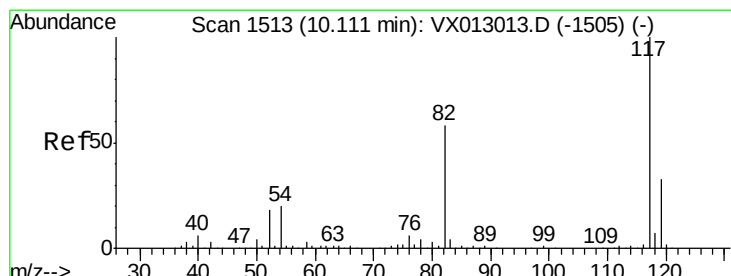
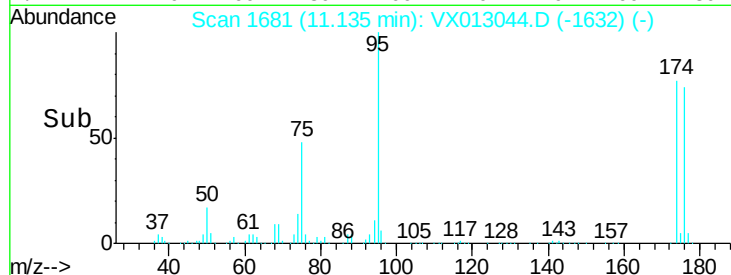
60000

40000

20000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013044.D

Acq: 14 Oct 2019 12:13

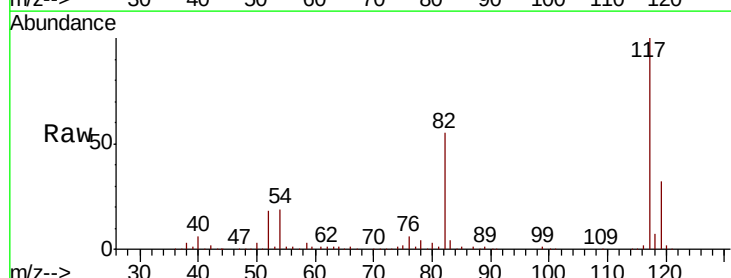
Tgt Ion: 117 Resp: 261447

Ion Ratio Lower Upper

117 100

82 55.4 44.1 66.1

119 32.4 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) (-)

10.11

250000

200000

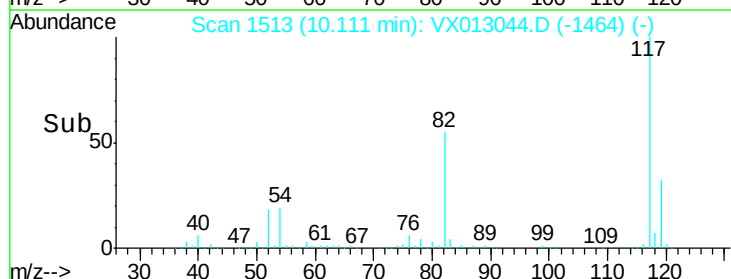
150000

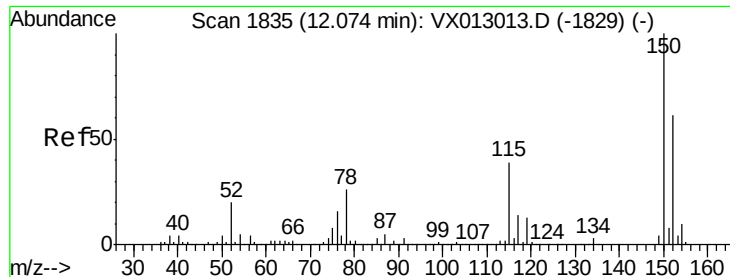
100000

50000

0

Time-->

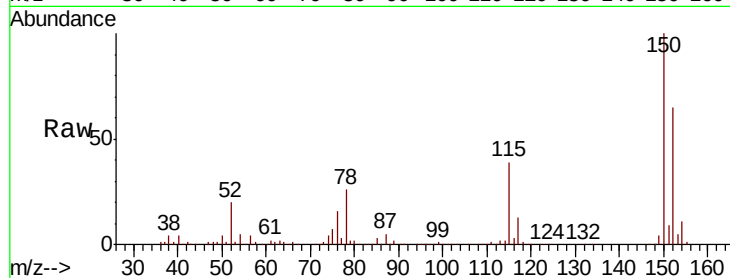




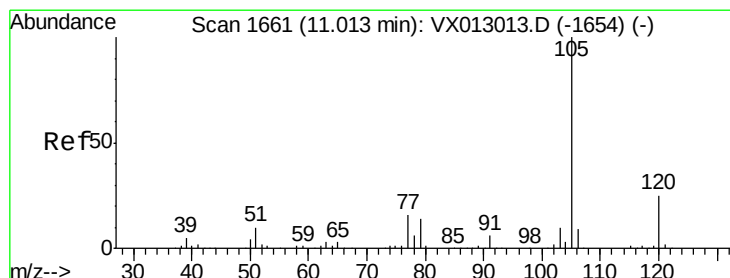
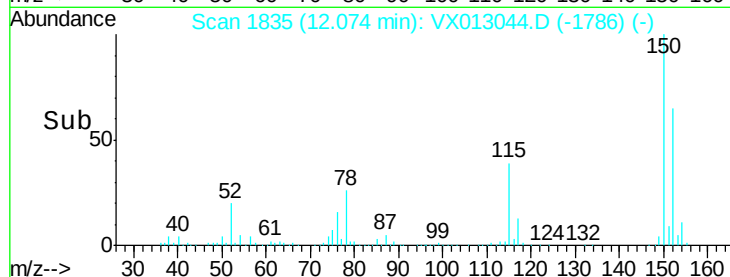
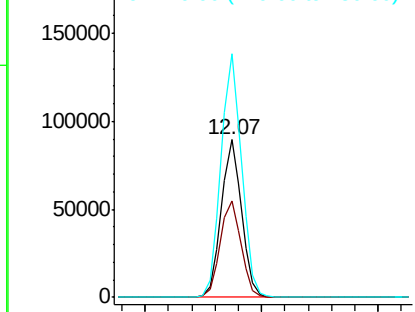
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX013044.D
 Acq: 14 Oct 2019 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JBW7338A

Tot Ion:152 Resp: 108095
 Ion Ratio Lower Upper
 152 100
 115 62.2 44.5 133.5
 150 156.0 0.0 353.4

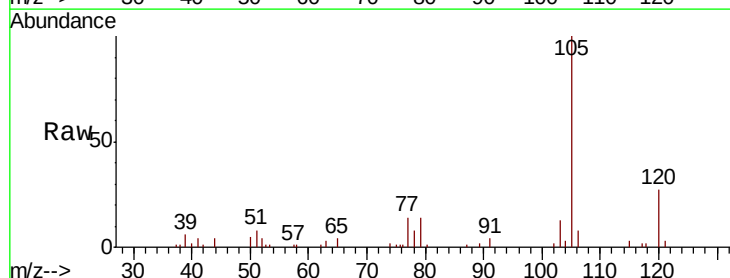


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V



#73
 Isopropylbenzene
 Concen: 1.543 ug/l
 RT: 11.01 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: VX013044.D
 Acq: 14 Oct 2019 12:13

Tgt Ion:105 Resp: 12262
 Ion Ratio Lower Upper
 105 100
 120 24.9 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

