

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012875.D
 Acq On : 08 Oct 2019 06:46
 Operator : JC/SP
 Sample : K5122-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-CHY07

Quant Time: Oct 08 13:22:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

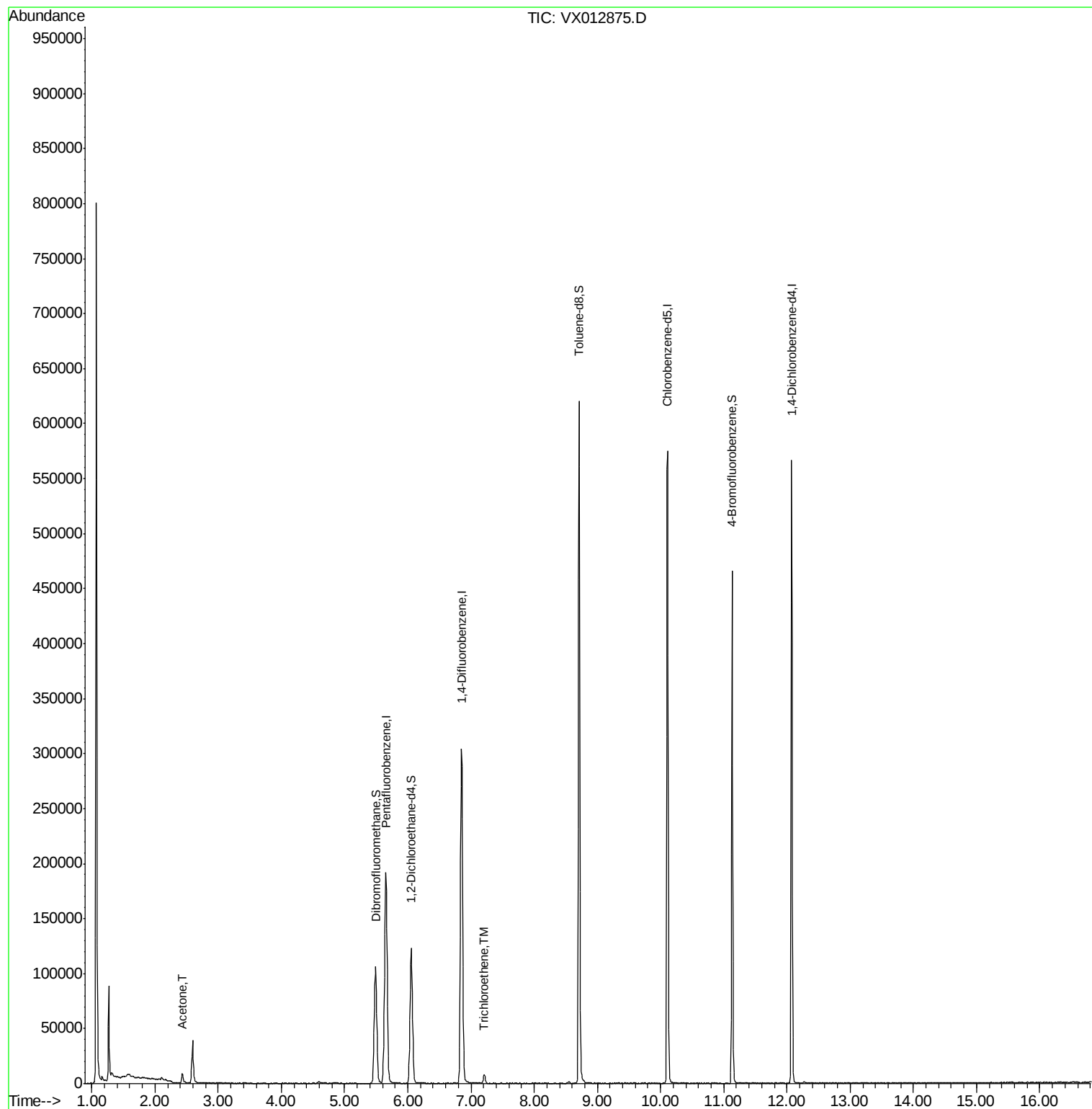
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	179274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	301979	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	107922	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	118921	45.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.10%	
35) Dibromofluoromethane	5.49	113	92022	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
50) Toluene-d8	8.71	98	361958	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.52%	
62) 4-Bromofluorobenzene	11.14	95	127735	46.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.82%	
Target Compounds						
16) Acetone	2.44	43	9754	7.054	ug/l	94
44) Trichloroethene	7.21	130	3207	1.465	ug/l	83

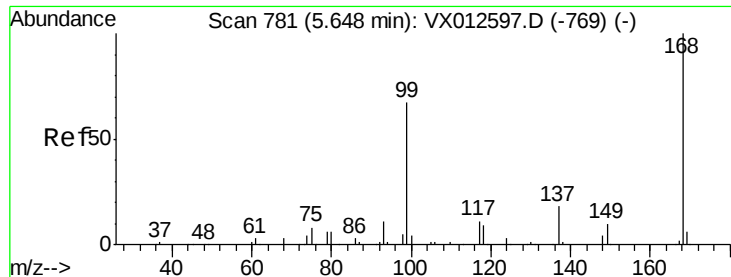
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012875.D

Acq: 08 Oct 2019 06:46

Instrument :

MSVOA_X

ClientSampleId :

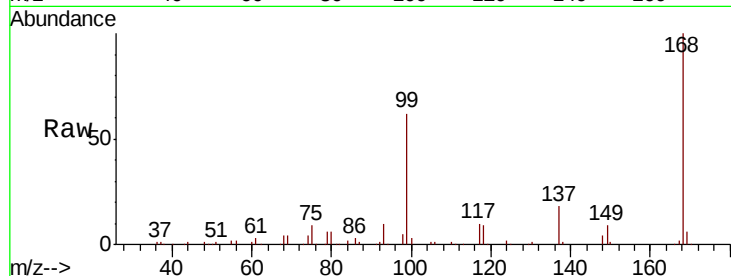
FA19-CHY07

Tot Ion:168 Resp: 179274

Ion Ratio Lower Upper

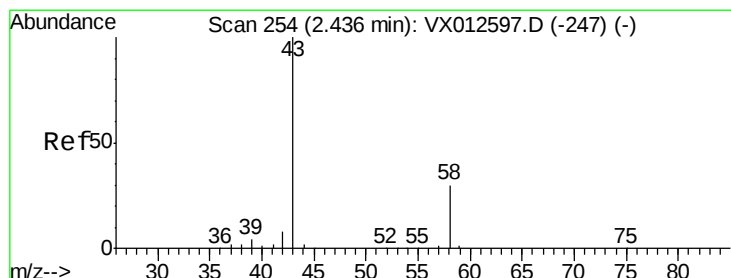
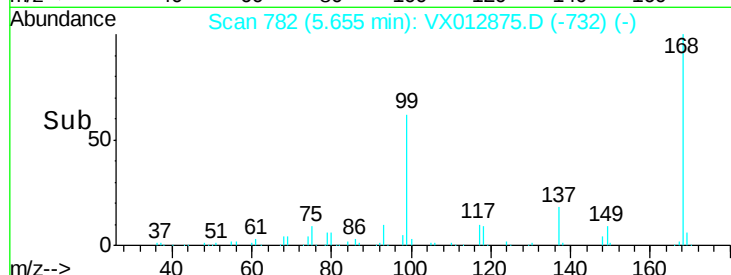
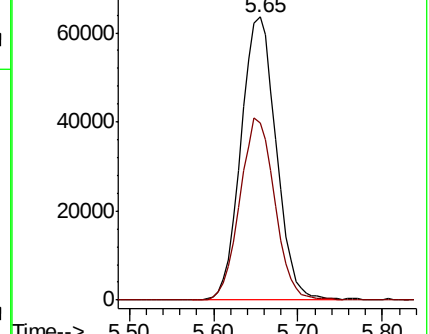
168 100

99 62.5 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.054 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012875.D

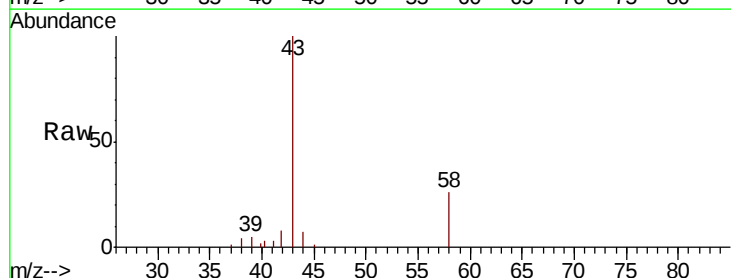
Acq: 08 Oct 2019 06:46

Tgt Ion: 43 Resp: 9754

Ion Ratio Lower Upper

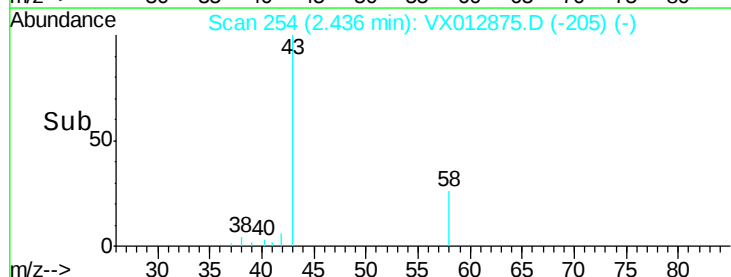
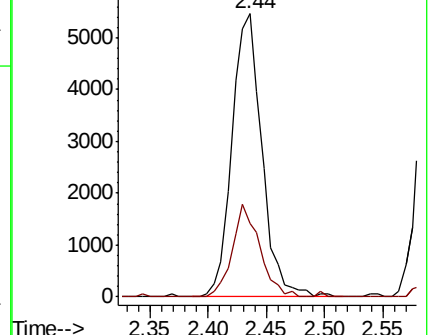
43 100

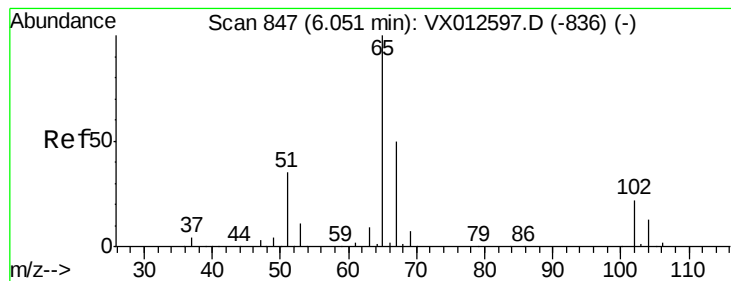
58 26.0 23.3 34.9



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: 45.554 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012875.D

Acq: 08 Oct 2019 06:46

Instrument :

MSVOA_X

ClientSampleId :

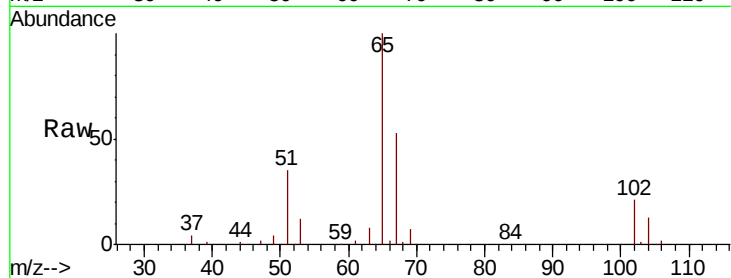
FA19-CHY07

Tot Ion: 65 Resp: 118921

Ion Ratio Lower Upper

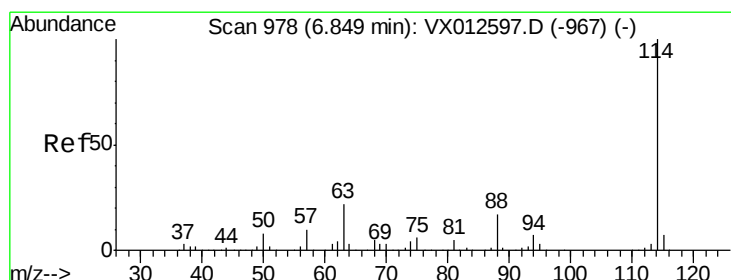
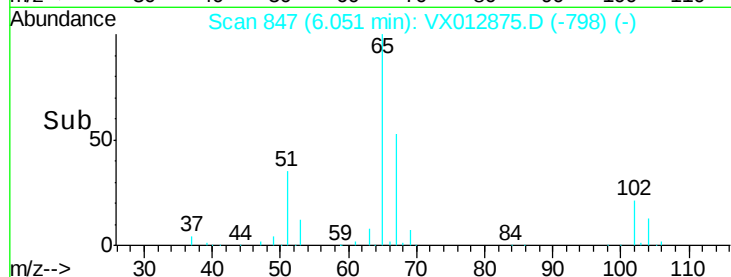
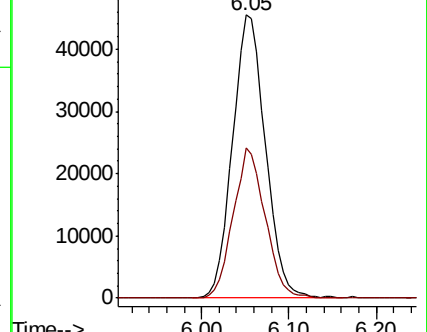
65 100

67 51.7 0.0 101.2



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: VX012875.D

Acq: 08 Oct 2019 06:46

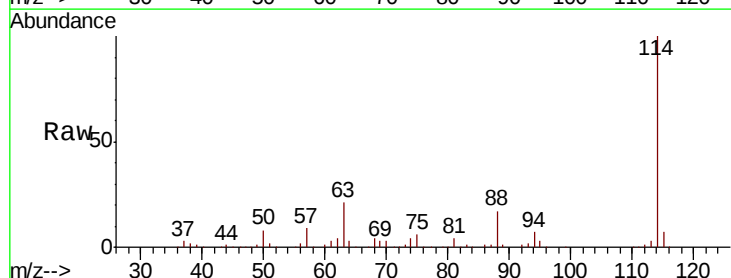
Tgt Ion: 114 Resp: 301979

Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.2

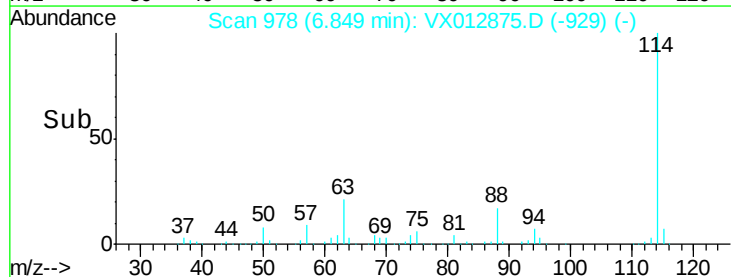
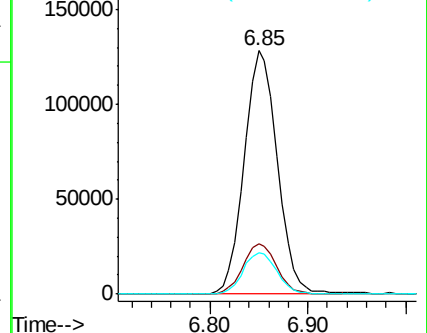
88 17.1 0.0 33.2

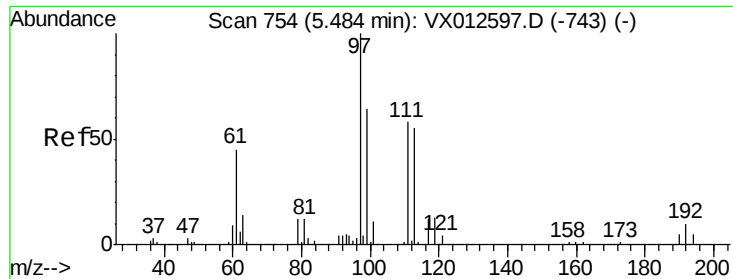


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

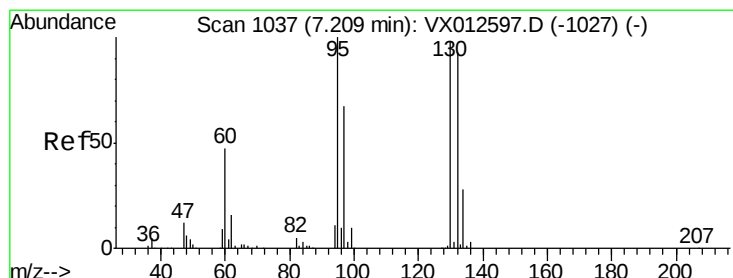
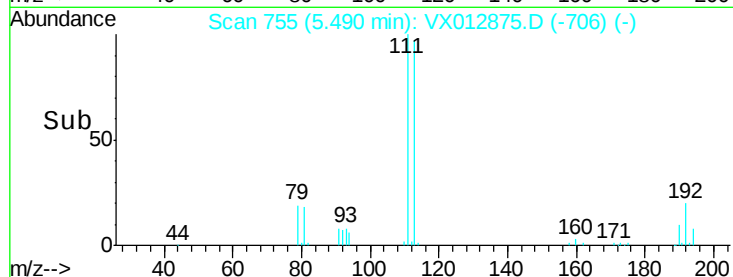
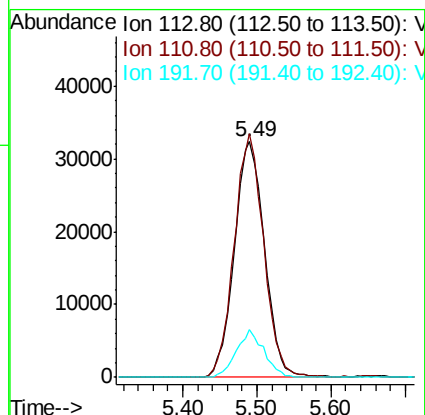
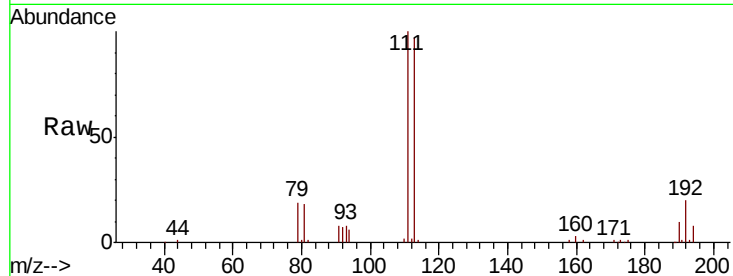




#35
Dibromofluoromethane
Concen: 51.168 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012875.D
Acq: 08 Oct 2019 06:46

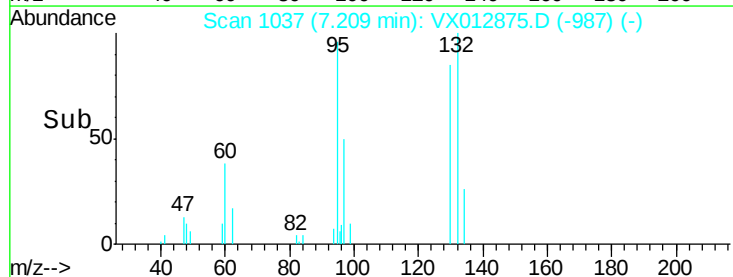
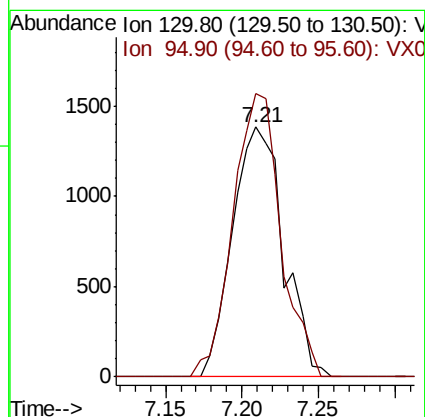
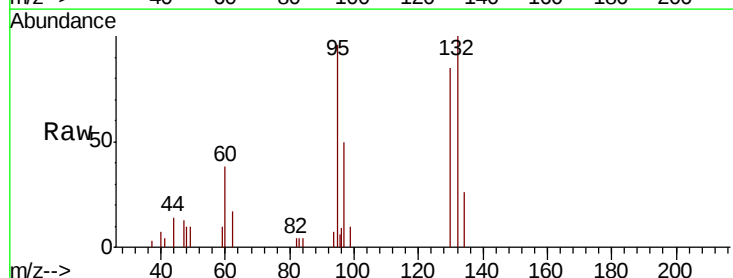
Instrument :
MSVOA_X
ClientSampleId :
FA19-CHY07

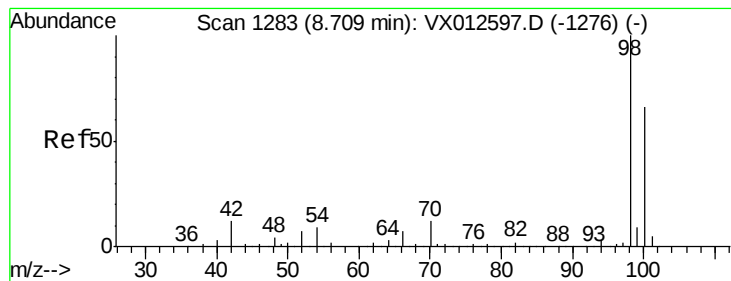
Tot Ion:113 Resp: 92022
Ion Ratio Lower Upper
113 100
111 101.0 83.4 125.2
192 18.5 14.4 21.6



#44
Trichloroethene
Concen: 1.465 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012875.D
Acq: 08 Oct 2019 06:46

Tgt Ion:130 Resp: 3207
Ion Ratio Lower Upper
130 100
95 113.3 0.0 193.0





#50

Toluene-d8

Concen: 52.262 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012875.D

Acq: 08 Oct 2019 06:46

Instrument :

MSVOA_X

ClientSampled :

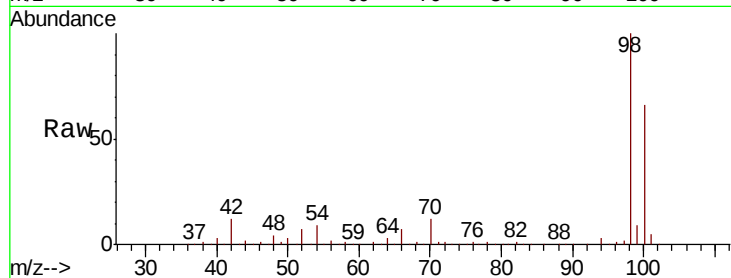
FA19-CHY07

Tot Ion: 98 Resp: 361958

Ion Ratio Lower Upper

98 100

100 66.9 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

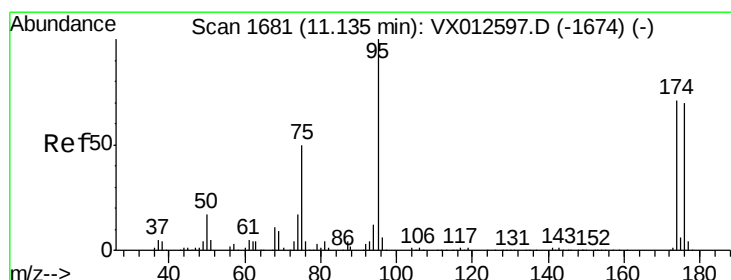
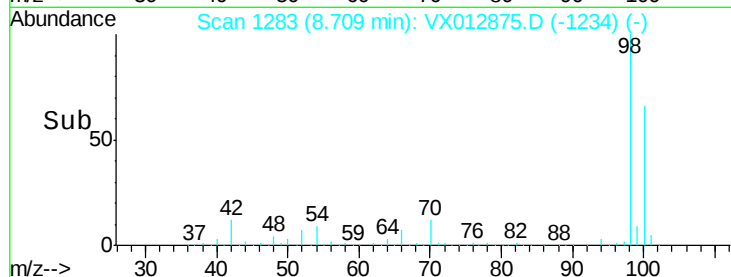
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 46.905 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012875.D

Acq: 08 Oct 2019 06:46

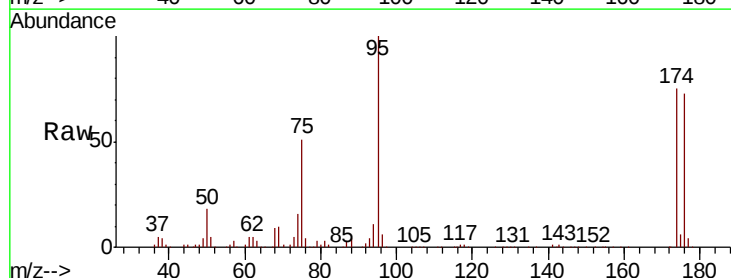
Tgt Ion: 95 Resp: 127735

Ion Ratio Lower Upper

95 100

174 71.9 0.0 140.0

176 69.5 0.0 135.4



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

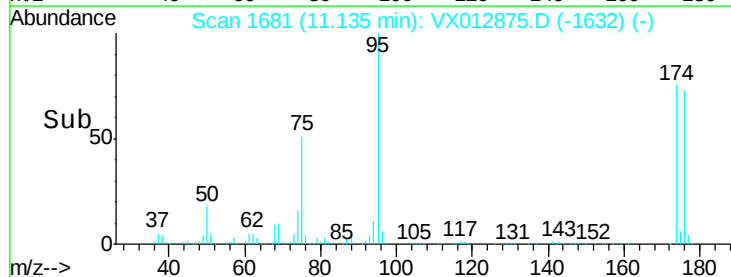
100000

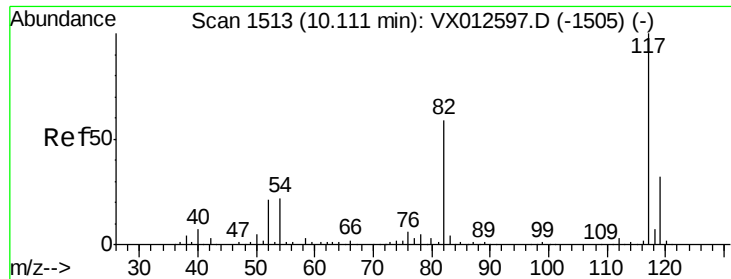
50000

0

11.10 11.20

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012875.D

Acq: 08 Oct 2019 06:46

Instrument :

MSVOA_X

ClientSampled :

FA19-CHY07

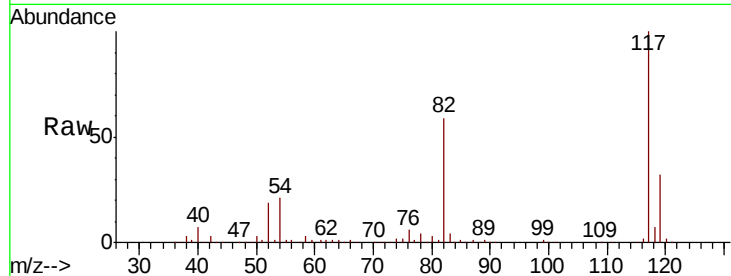
Tot Ion:117 Resp: 265825

Ion Ratio Lower Upper

117 100

82 58.7 45.9 68.9

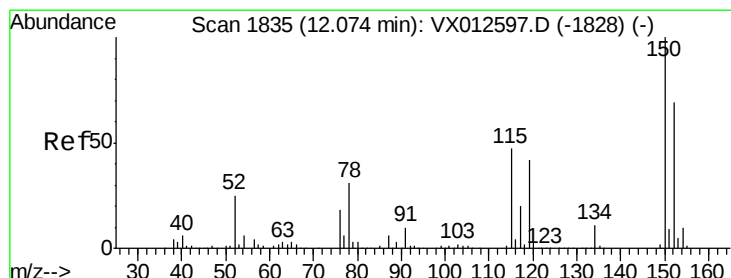
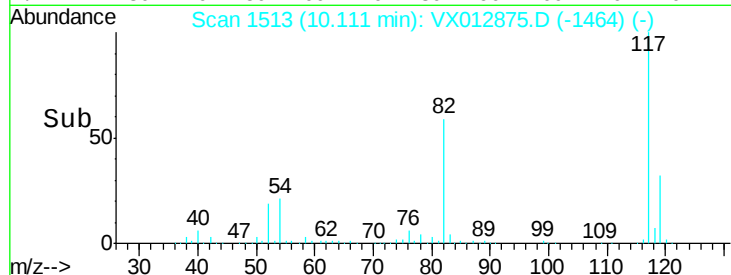
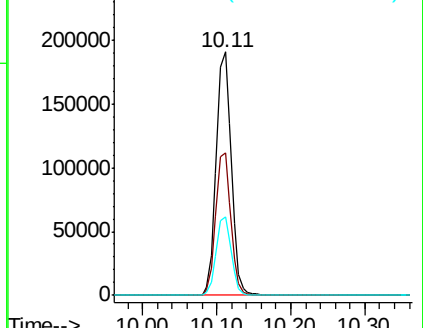
119 32.3 25.3 37.9



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: VX012875.D

Acq: 08 Oct 2019 06:46

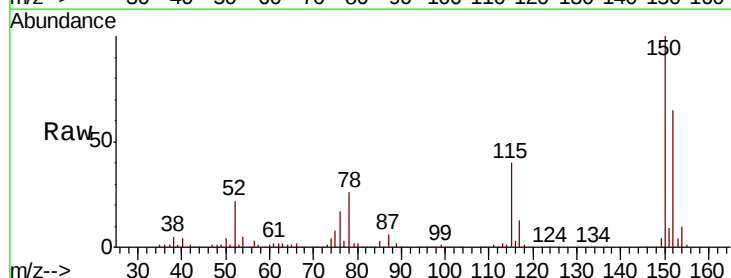
Tgt Ion:152 Resp: 107922

Ion Ratio Lower Upper

152 100

115 64.1 44.1 132.3

150 157.9 0.0 343.8



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

