

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011320\
 Data File : VX014581.D
 Acq On : 13 Jan 2020 13:02
 Operator : JC/SP
 Sample : L1074-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CIY1-GW-02-13.5

Quant Time: Jan 14 13:30:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	489821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	755023	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	671407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	303059	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	270752	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
35) Dibromofluoromethane	5.49	113	226023	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
50) Toluene-d8	8.71	98	894414	50.43	ug/l	0.00
Spiked Amount			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	11.13	95	302917	46.52	ug/l	0.00
Spiked Amount			Recovery	=	93.04%	

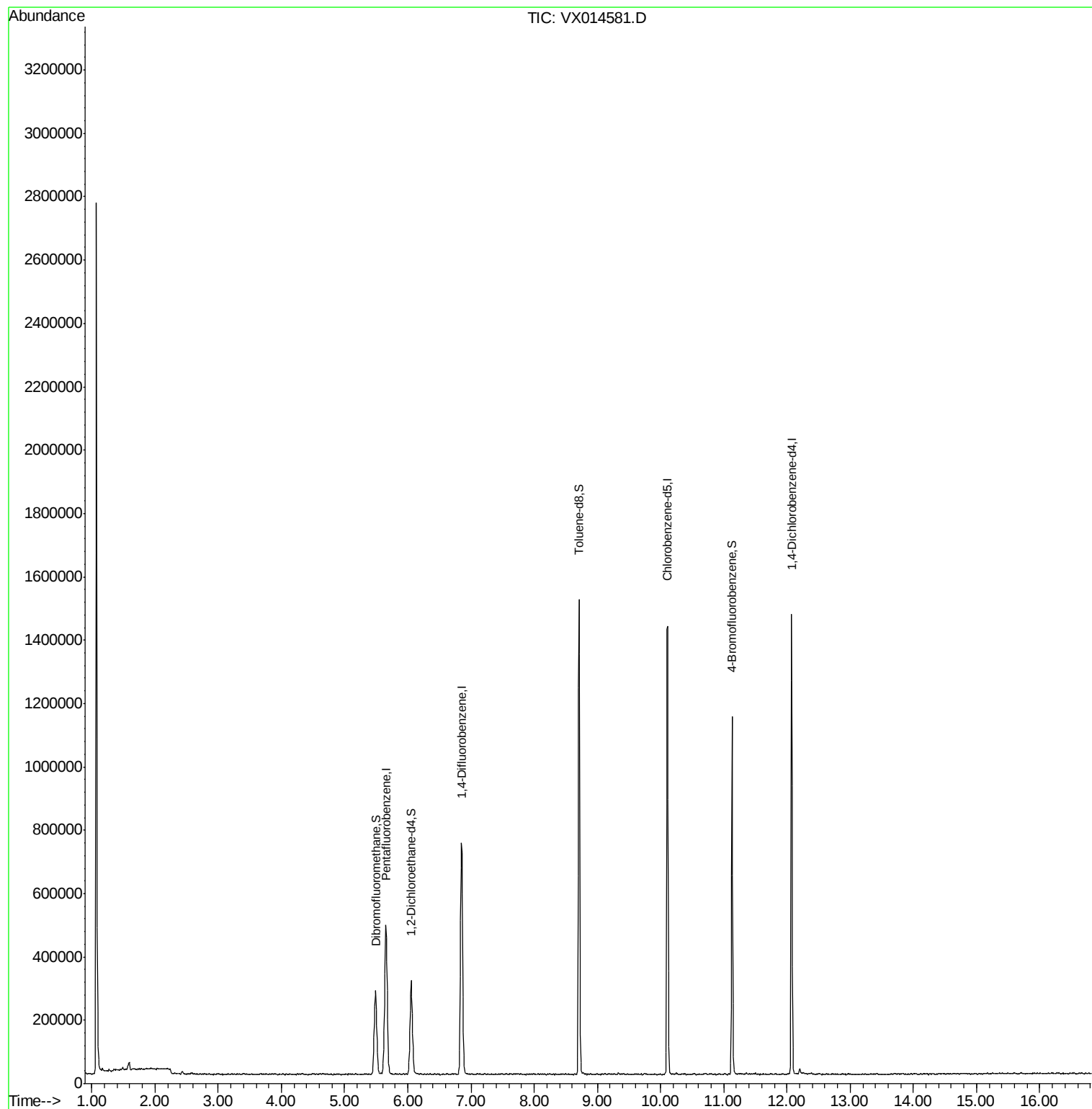
Target Compounds	Qvalue
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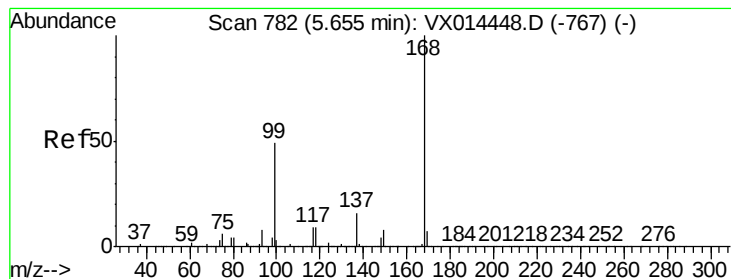
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 07 15:54:41 2020
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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: VX014581.D

Acq: 13 Jan 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

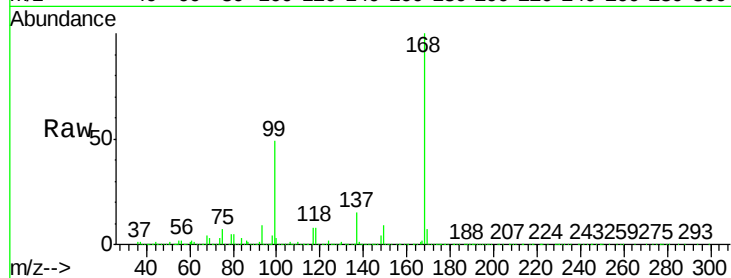
CIY1-GW-02-13.5

Tot Ion:168 Resp: 489821

Ion Ratio Lower Upper

168 100

99 48.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

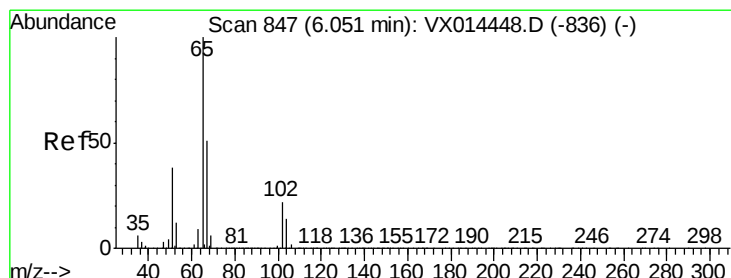
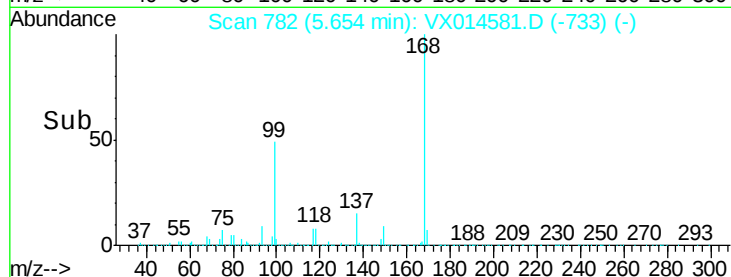
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.515 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014581.D

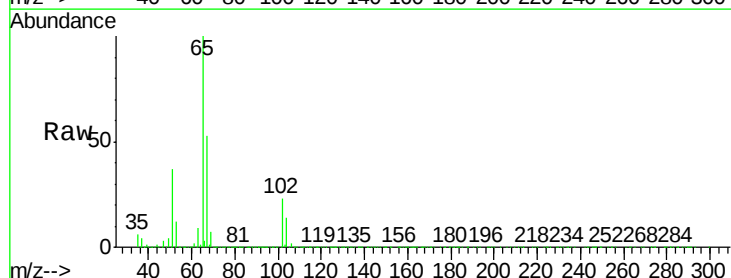
Acq: 13 Jan 2020 13:02

Tgt Ion: 65 Resp: 270752

Ion Ratio Lower Upper

65 100

67 53.8 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

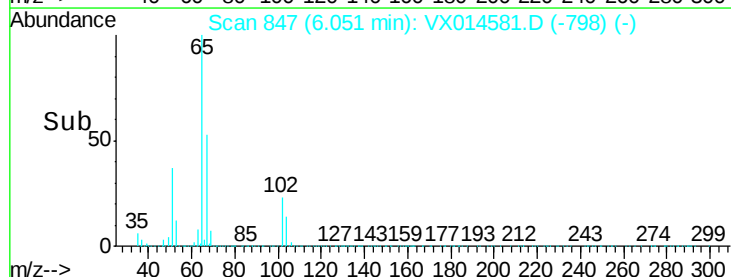
60000

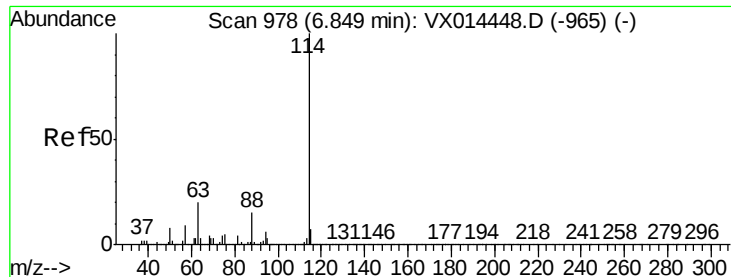
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014581.D

Acq: 13 Jan 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

CIY1-GW-02-13.5

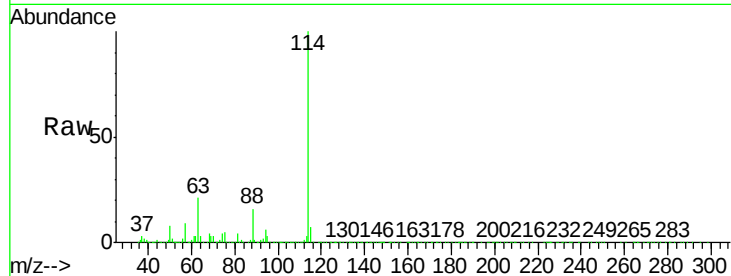
Tot Ion:114 Resp: 755023

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.6

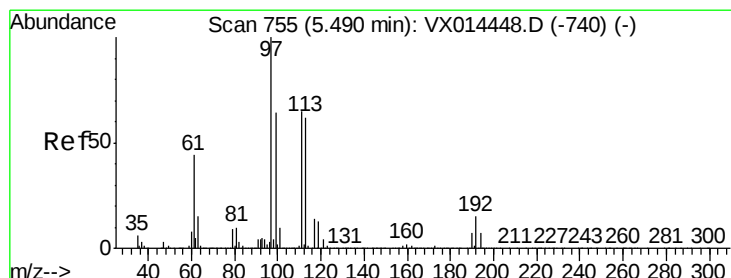
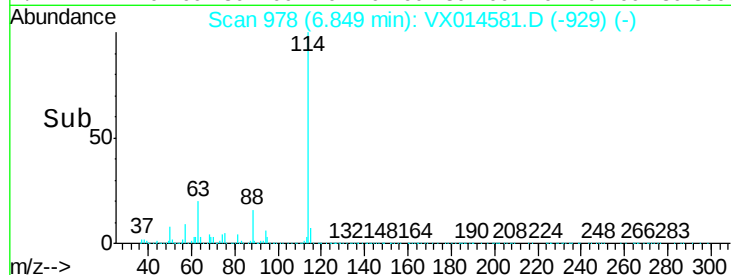
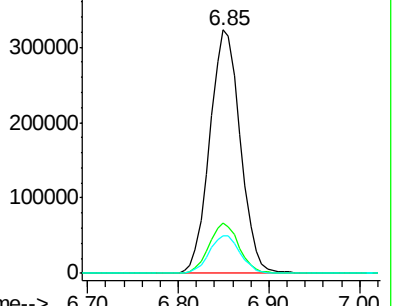
88 15.5 0.0 30.8



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: 49.453 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014581.D

Acq: 13 Jan 2020 13:02

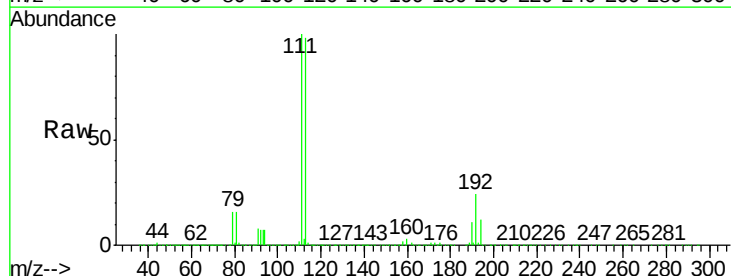
Tgt Ion:113 Resp: 226023

Ion Ratio Lower Upper

113 100

111 103.1 81.5 122.3

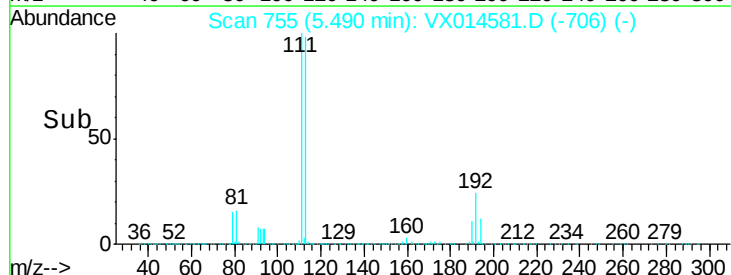
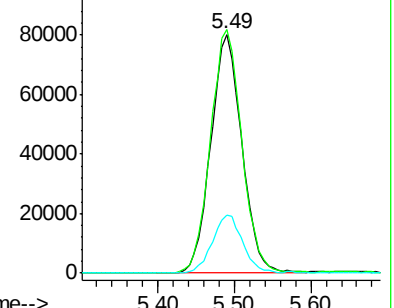
192 23.9 19.2 28.8

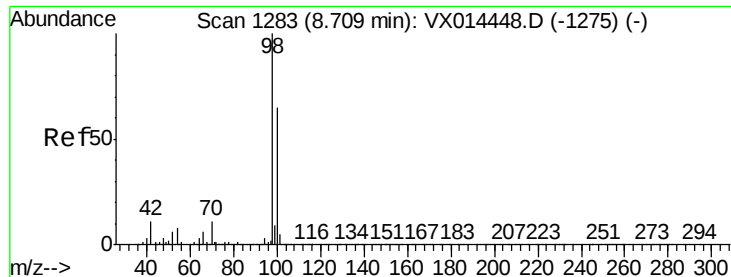


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.428 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014581.D

Acq: 13 Jan 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

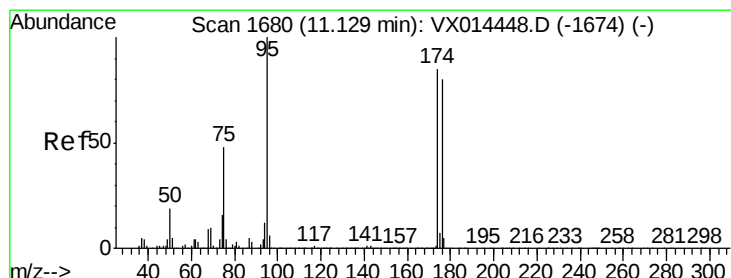
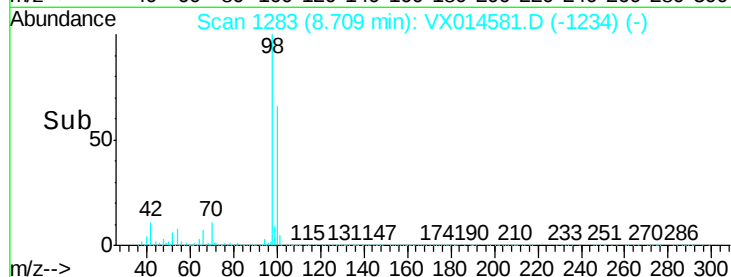
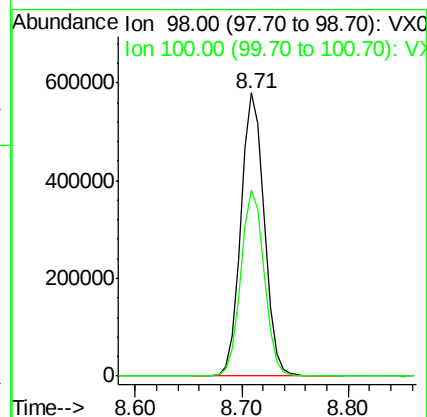
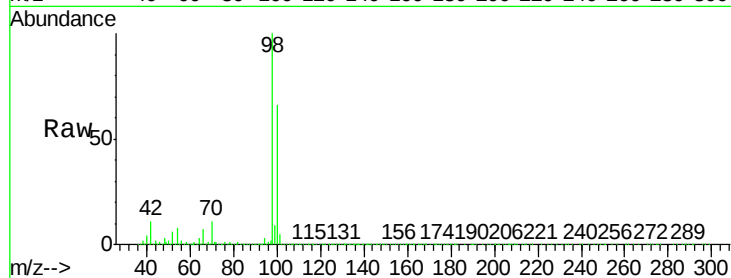
CIY1-GW-02-13.5

Tot Ion: 98 Resp: 894414

Ion Ratio Lower Upper

98 100

100 66.0 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 46.522 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014581.D

Acq: 13 Jan 2020 13:02

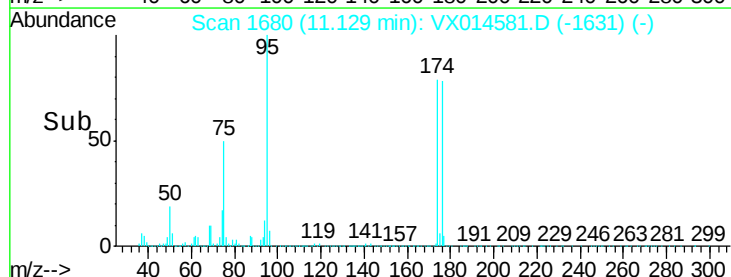
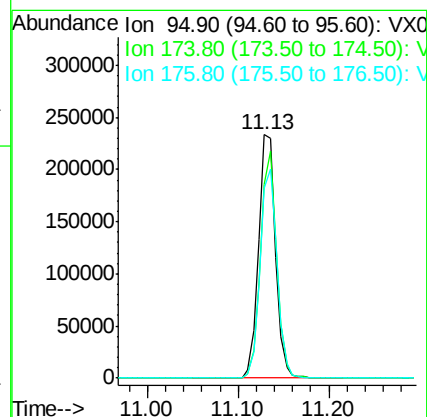
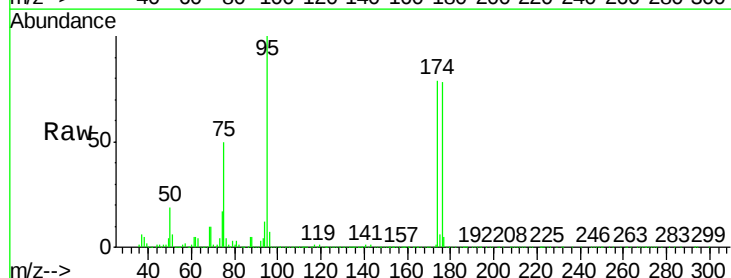
Tgt Ion: 95 Resp: 302917

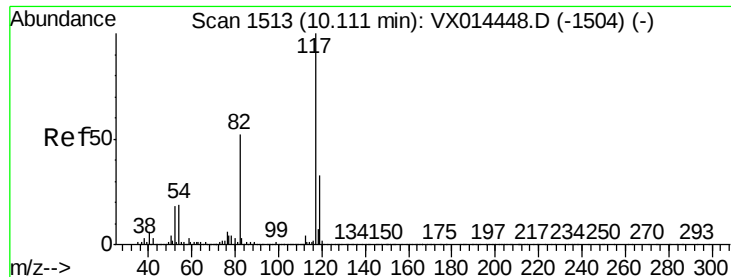
Ion Ratio Lower Upper

95 100

174 88.4 0.0 180.8

176 85.9 0.0 172.8

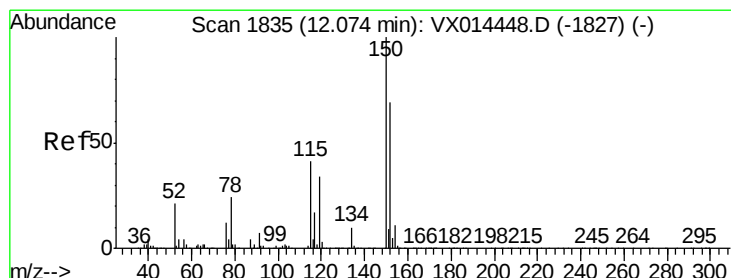
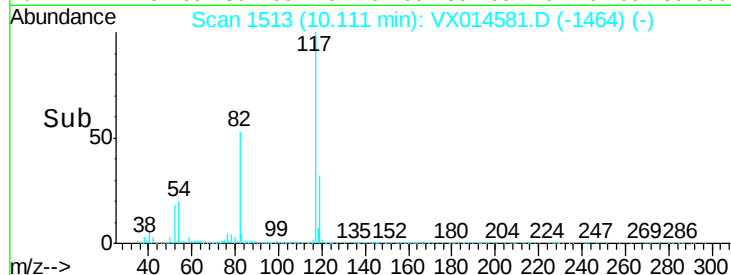
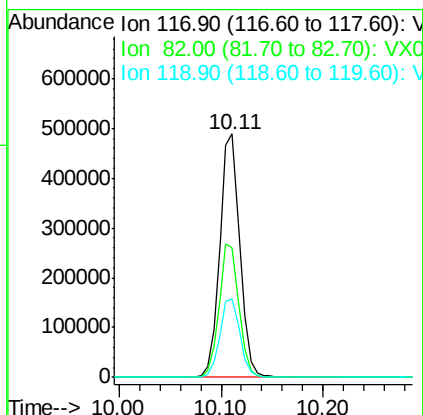
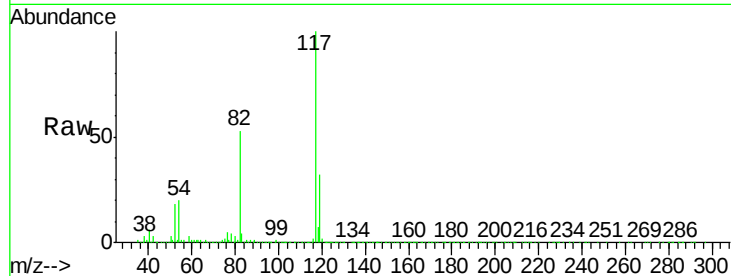




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014581.D
Acq: 13 Jan 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :
CIY1-GW-02-13.5

Tot Ion:117 Resp: 671407
Ion Ratio Lower Upper
117 100
82 53.4 41.8 62.6
119 32.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014581.D
Acq: 13 Jan 2020 13:02

Tgt Ion:152 Resp: 303059
Ion Ratio Lower Upper
152 100
115 55.9 39.5 118.3
150 158.3 0.0 350.2

