

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030420\
 Data File : VX015086.D
 Acq On : 04 Mar 2020 14:32
 Operator : JC/SP
 Sample : VX0304WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBL01

Quant Time: Mar 05 07:50:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	377371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	598027	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	555646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	261811	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	216291	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	5.48	113	182618	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
50) Toluene-d8	8.71	98	715072	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.13	95	250366	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	

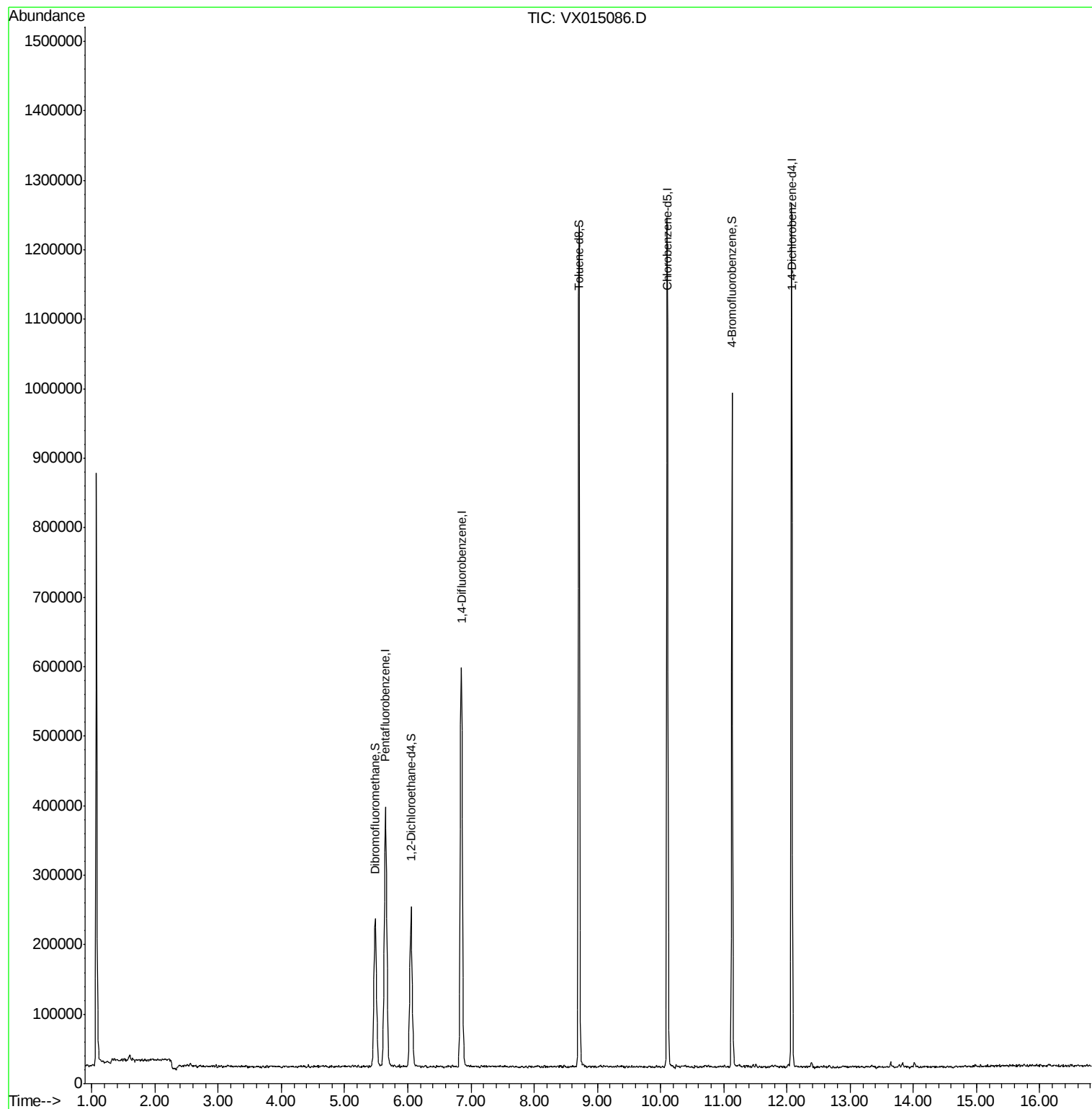
Target Compounds	Qvalue

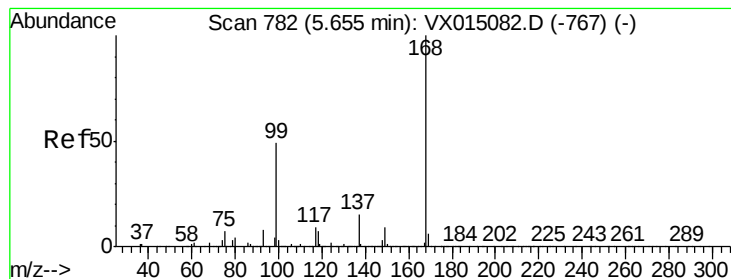
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
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: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

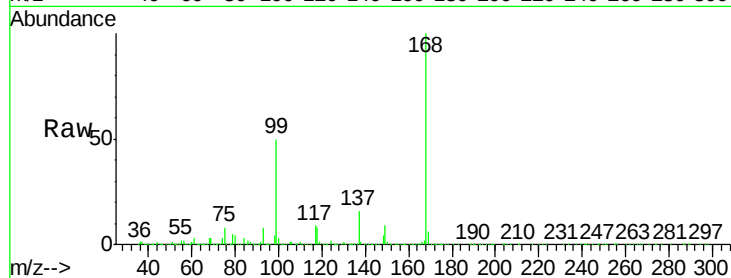
VX0304WBL01

Tot Ion:168 Resp: 377371

Ion Ratio Lower Upper

168 100

99 49.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

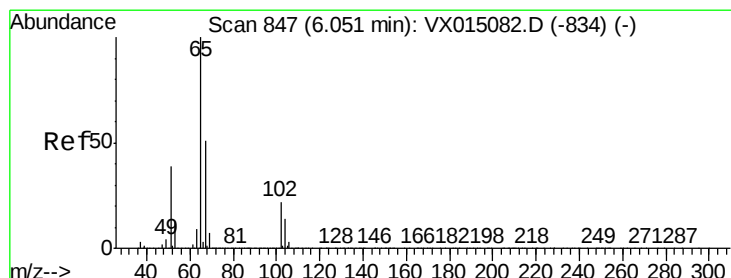
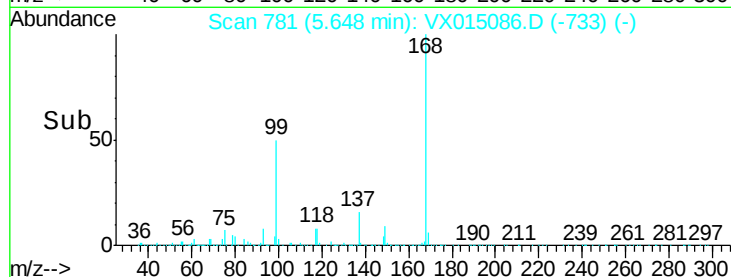
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.311 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX015086.D

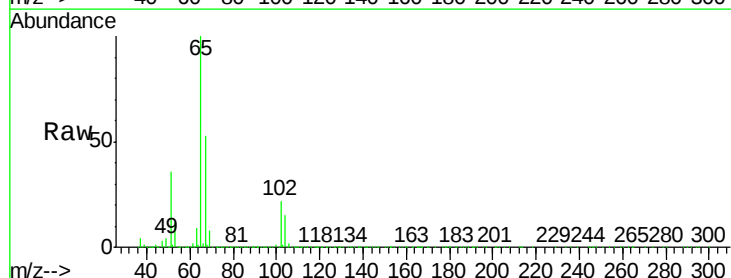
Acq: 04 Mar 2020 14:32

Tgt Ion: 65 Resp: 216291

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

100000

80000

60000

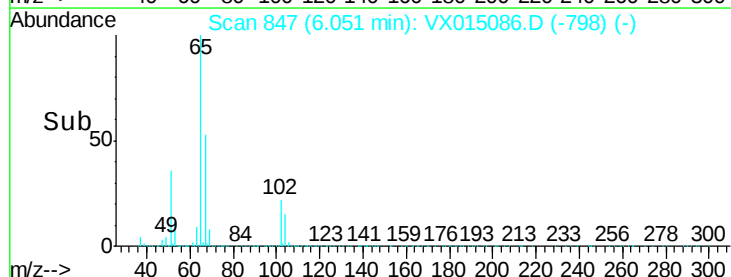
40000

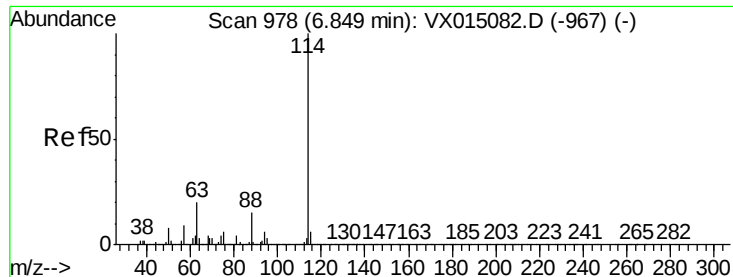
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBL01

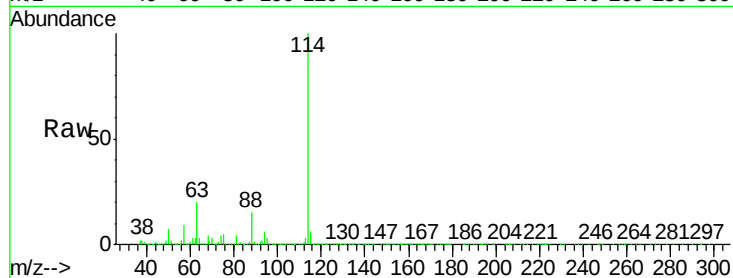
Tot Ion:114 Resp: 598027

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

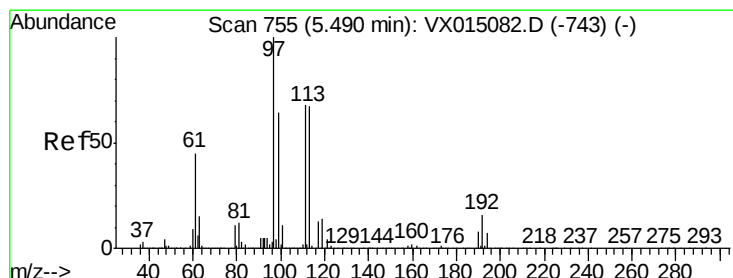
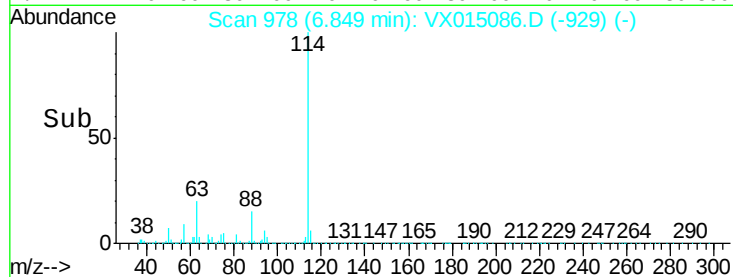
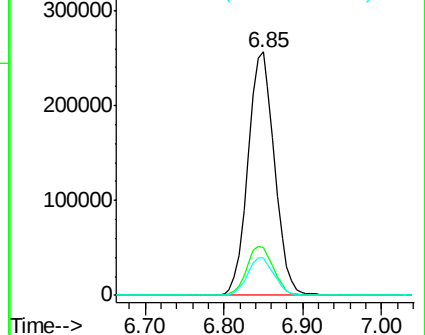
88 15.3 0.0 30.6



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: 48.404 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

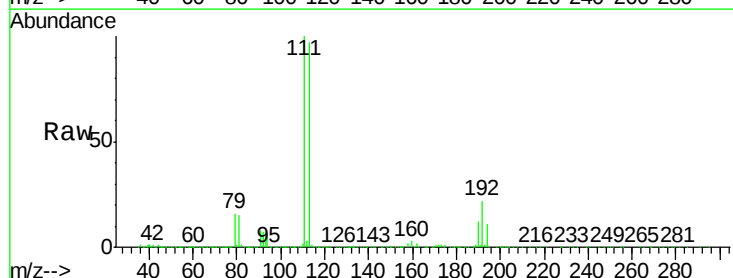
Tgt Ion:113 Resp: 182618

Ion Ratio Lower Upper

113 100

111 101.8 82.6 123.8

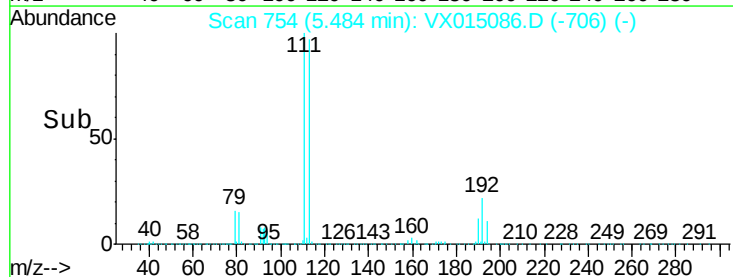
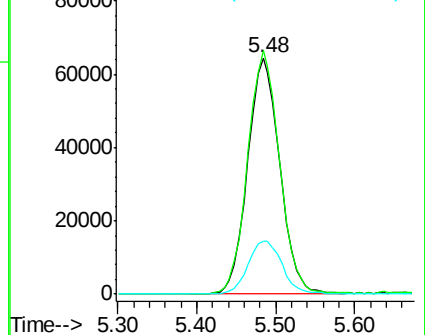
192 23.8 18.6 28.0

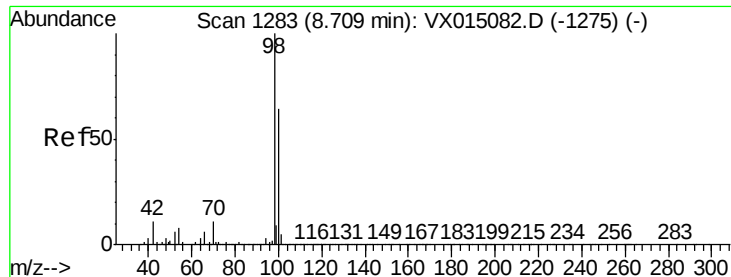


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.827 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampled :

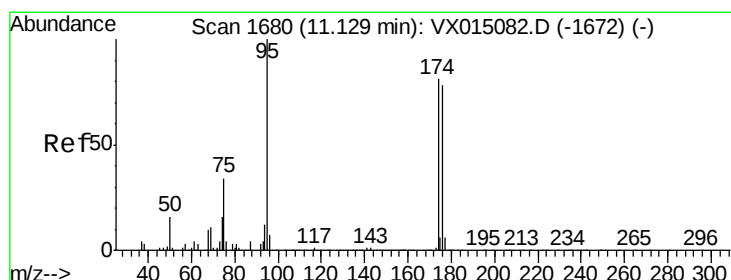
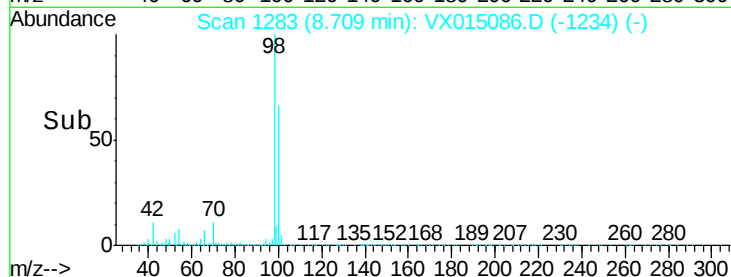
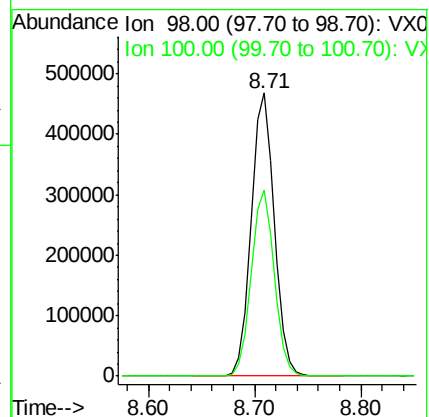
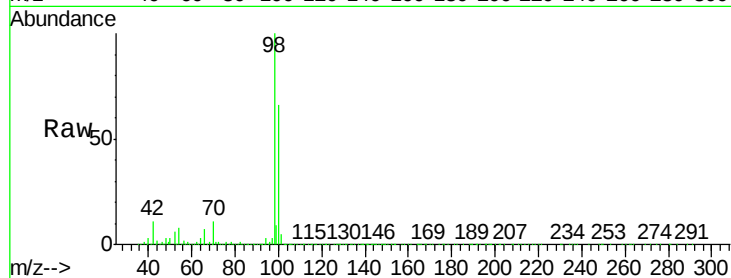
VX0304WBL01

Tot Ion: 98 Resp: 715072

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 48.910 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

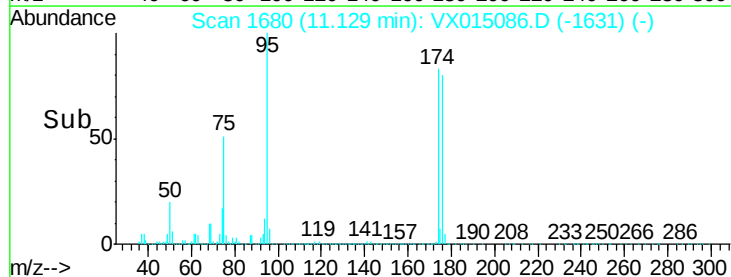
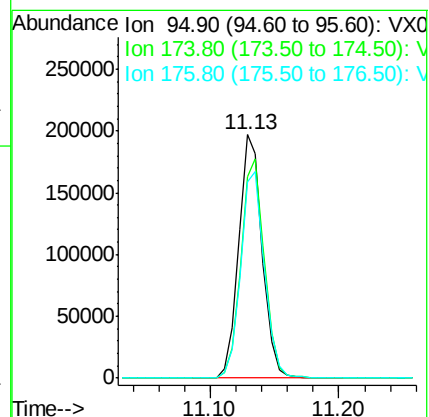
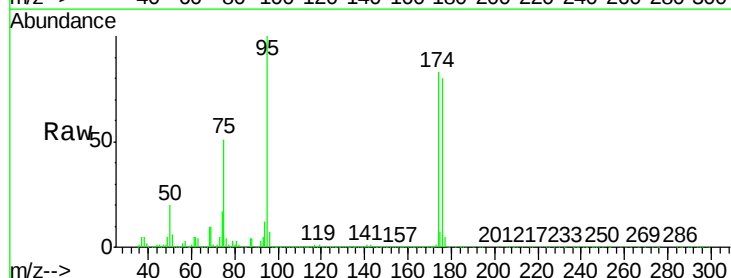
Tgt Ion: 95 Resp: 250366

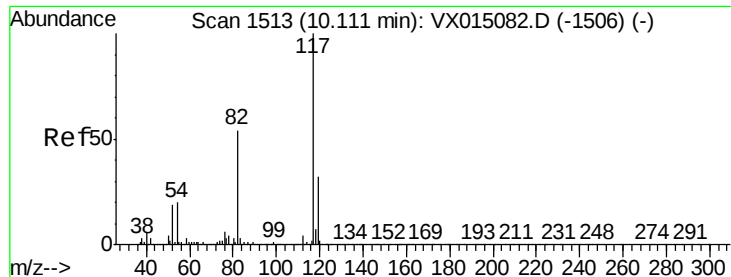
Ion Ratio Lower Upper

95 100

174 89.3 0.0 177.6

176 85.5 0.0 170.2

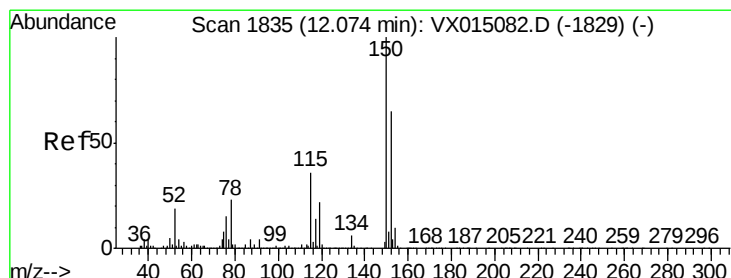
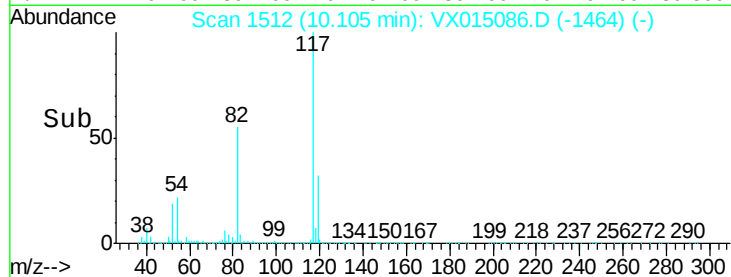
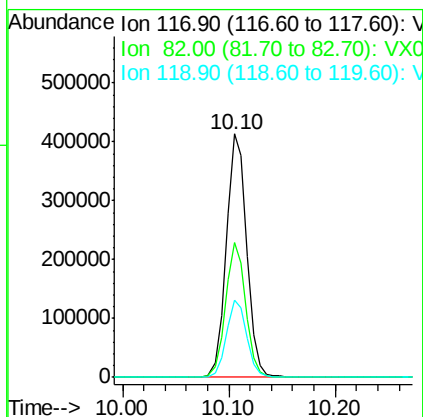
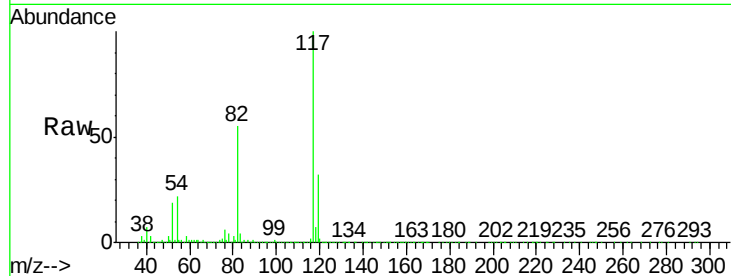




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.3	64.9
119	31.7	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	38.2	114.6
150	156.7	0.0	343.8

