

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121619\
 Data File : VX014024.D
 Acq On : 16 Dec 2019 10:40
 Operator : JC/SP
 Sample : VX1216WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBL01

Quant Time: Dec 17 03:45:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	608956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	922533	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	816939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	347550	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	339002	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
35) Dibromofluoromethane	5.48	113	278134	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
50) Toluene-d8	8.71	98	1092279	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.13	95	361614	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	

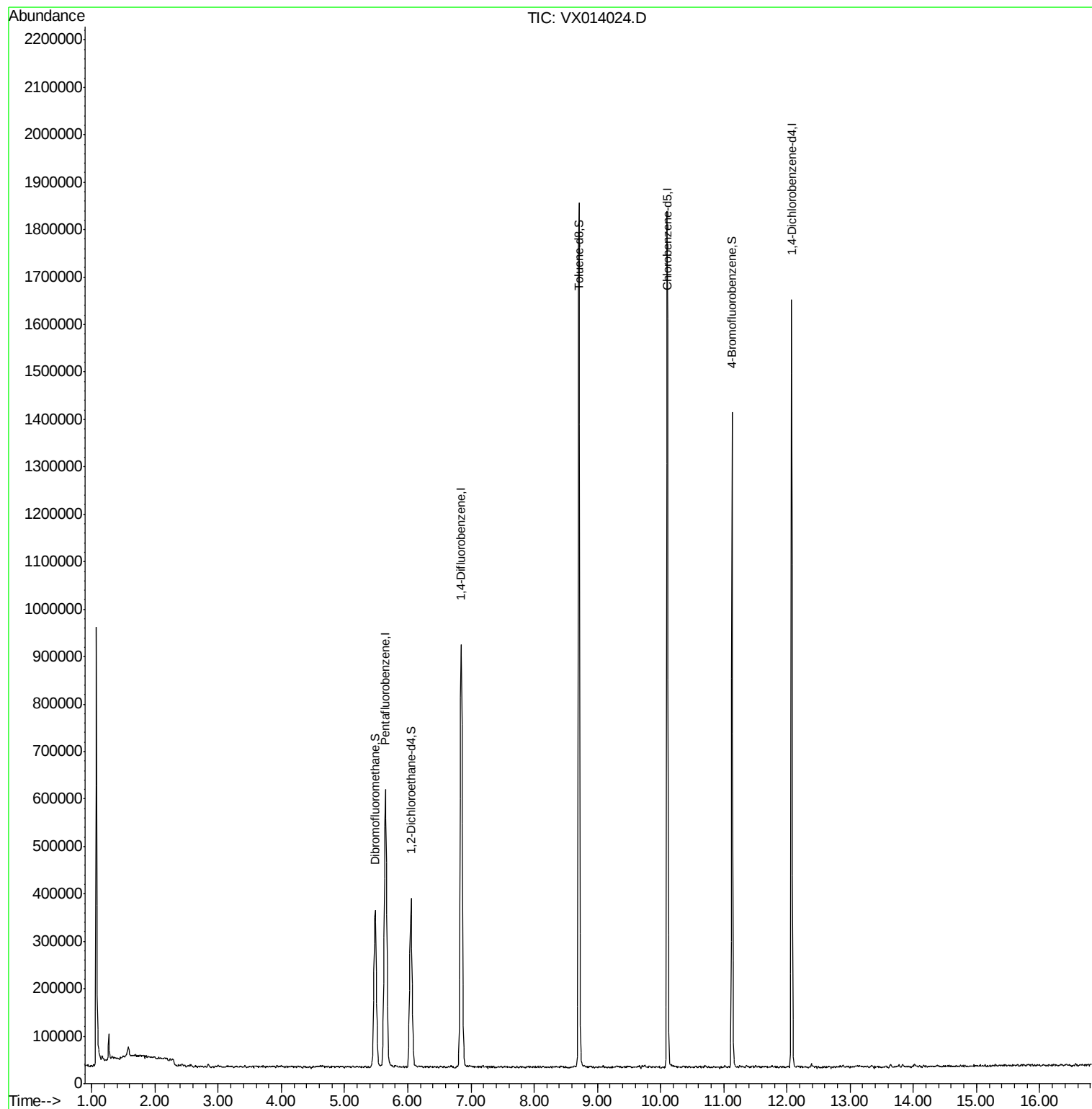
Target Compounds	Qvalue

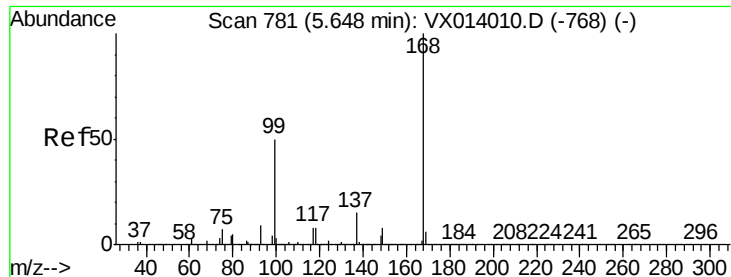
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 17 03:01:07 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014024.D

Acq: 16 Dec 2019 10:40

Instrument :

MSVOA_X

ClientSampleId :

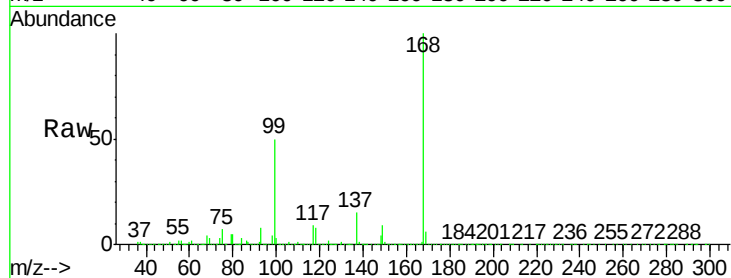
VX1216WBL01

Tot Ion:168 Resp: 608956

Ion Ratio Lower Upper

168 100

99 50.2 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

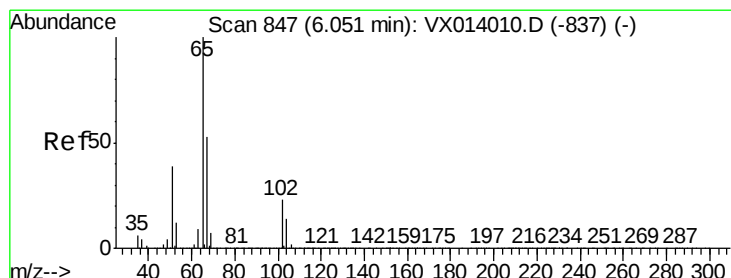
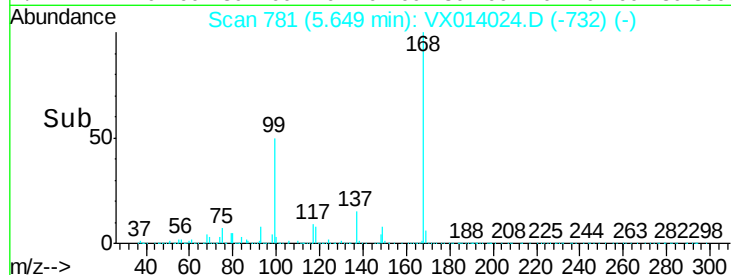
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.119 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014024.D

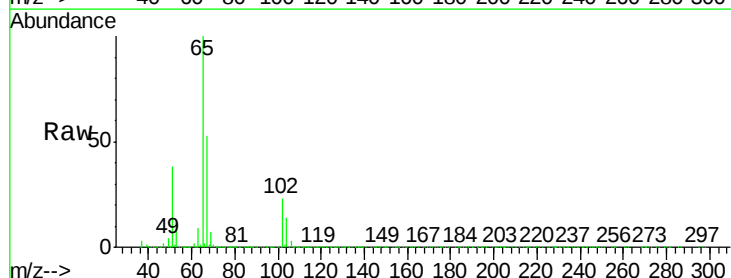
Acq: 16 Dec 2019 10:40

Tgt Ion: 65 Resp: 339002

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

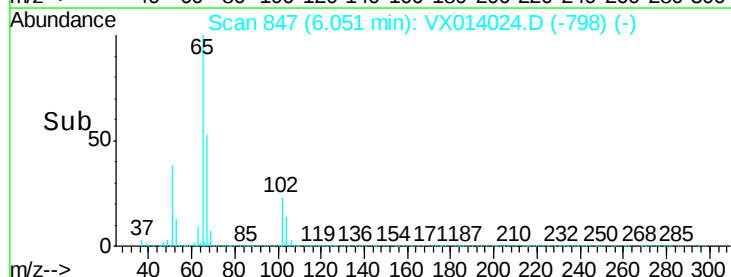
150000

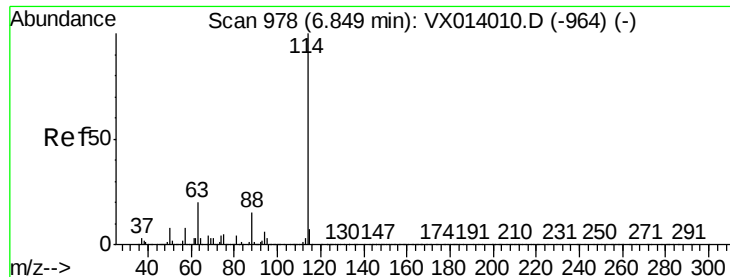
100000

50000

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: VX014024.D

Acq: 16 Dec 2019 10:40

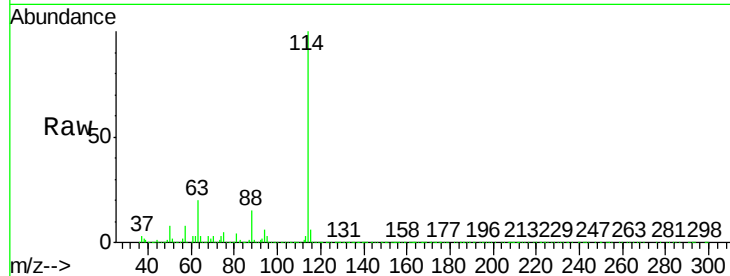
Instrument :

MSVOA_X

ClientSampleId :

VX1216WBL01

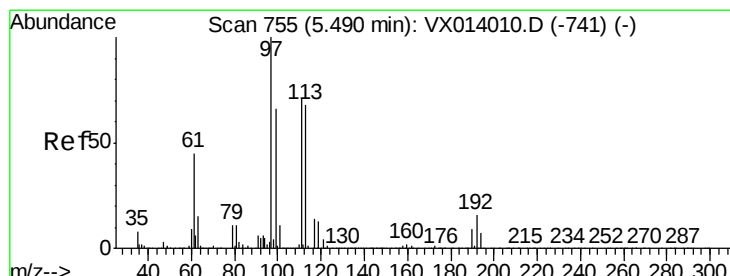
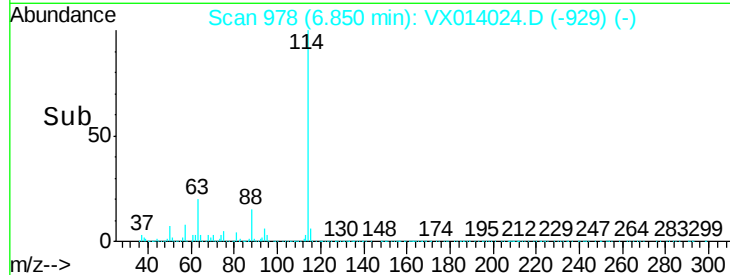
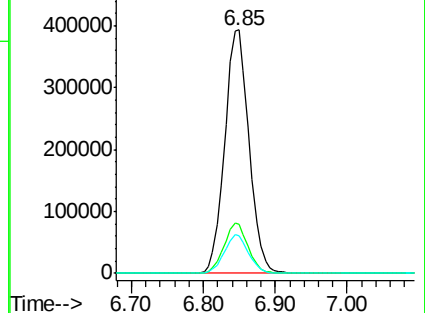
Tot Ion:	114	Resp:	922533
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.8
88	15.3	0.0	30.4



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: 49.596 ug/l

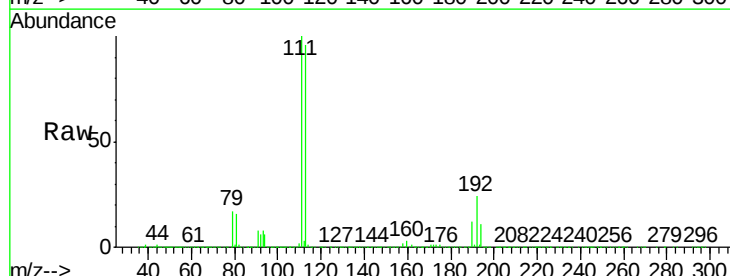
RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014024.D

Acq: 16 Dec 2019 10:40

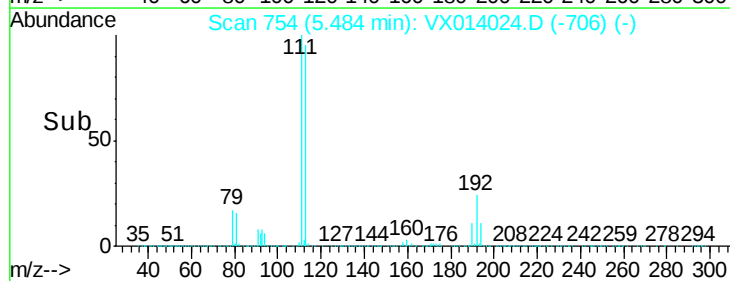
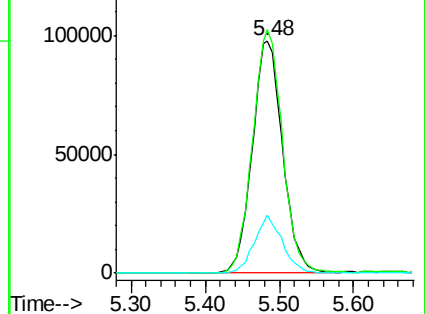
Tgt Ion:	113	Resp:	278134
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	22.9	19.3	28.9

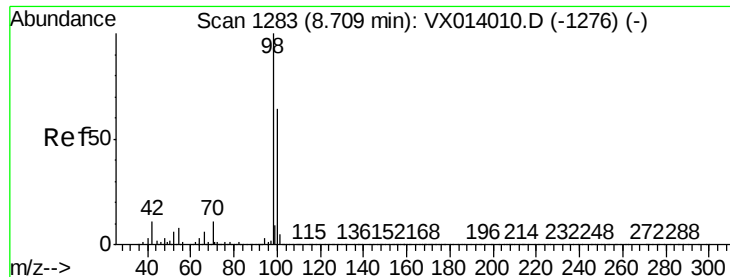


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.028 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014024.D

Acq: 16 Dec 2019 10:40

Instrument :

MSVOA_X

ClientSampleId :

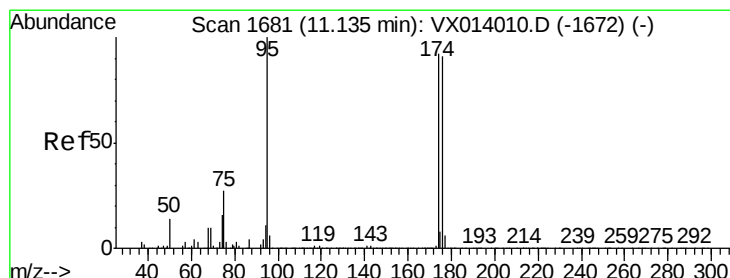
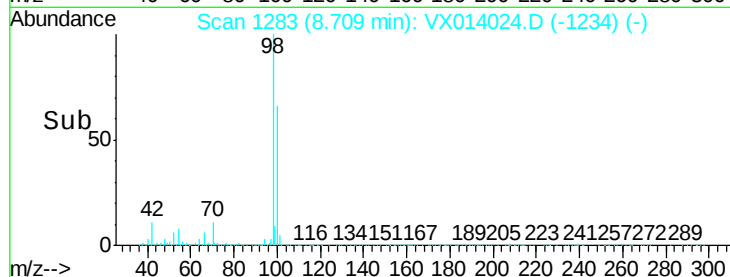
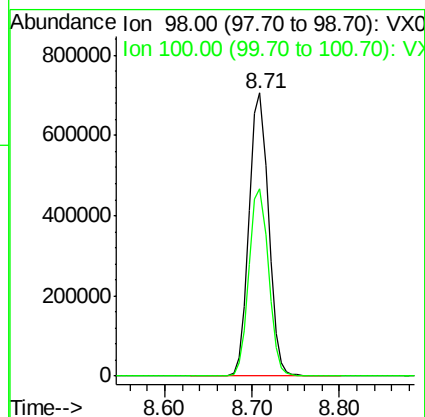
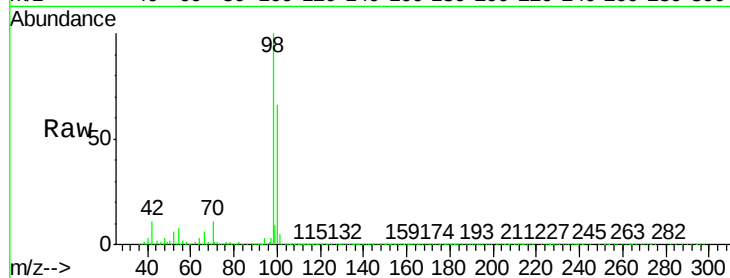
VX1216WBL01

Tot Ion: 98 Resp: 1092279

Ion Ratio Lower Upper

98 100

100 66.4 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 45.309 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014024.D

Acq: 16 Dec 2019 10:40

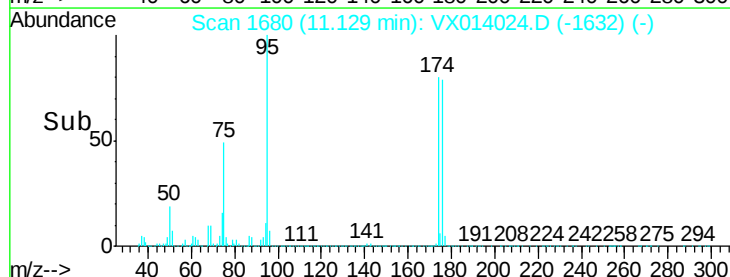
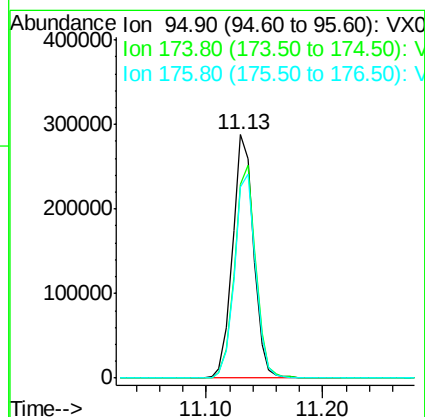
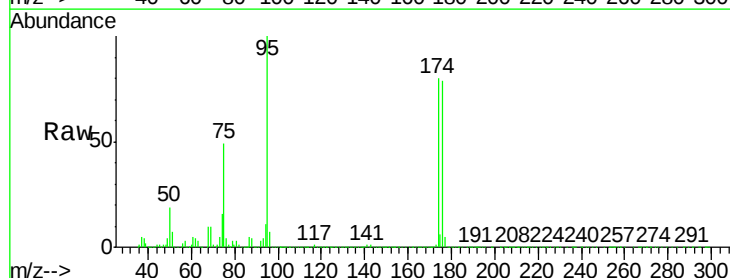
Tgt Ion: 95 Resp: 361614

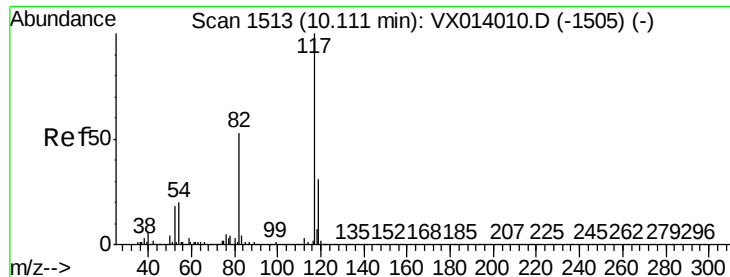
Ion Ratio Lower Upper

95 100

174 88.2 0.0 175.8

176 85.2 0.0 173.0

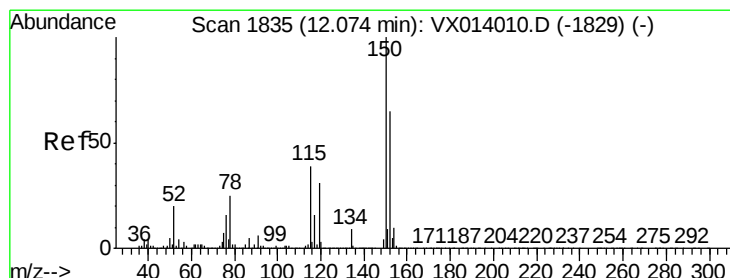
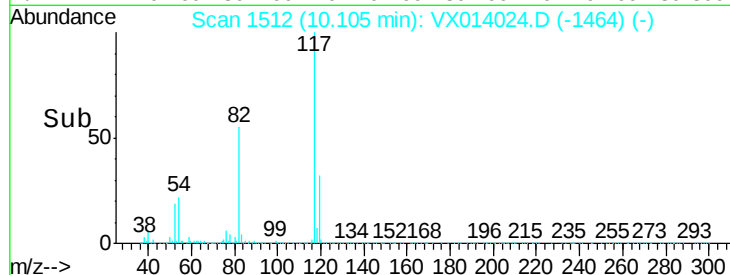
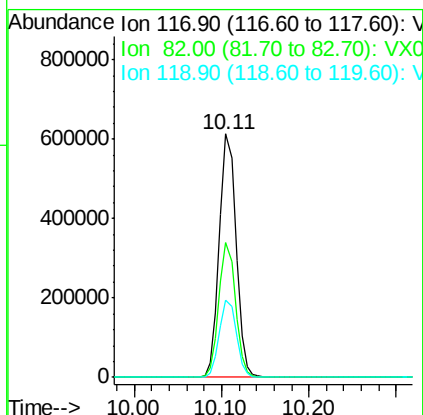
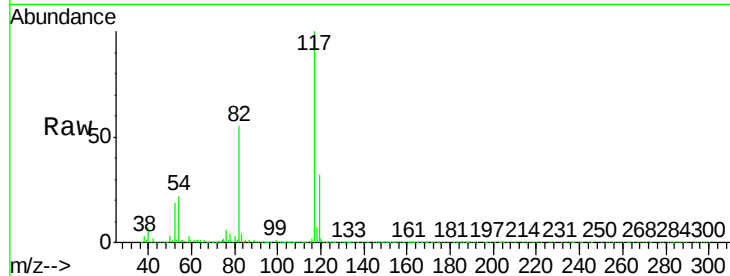




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014024.D
Acq: 16 Dec 2019 10:40

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	42.2	63.4
119	31.8	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014024.D
Acq: 16 Dec 2019 10:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	38.3	114.9
150	158.5	0.0	345.4

