

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122319\
 Data File : VX014207.D
 Acq On : 23 Dec 2019 17:09
 Operator : JC/SP
 Sample : K6401-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0B53

Quant Time: Dec 24 07:50:06 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	578091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	885499	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	791377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	351794	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	315703	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
35) Dibromofluoromethane	5.49	113	264812	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	8.71	98	1039598	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.14	95	353698	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	

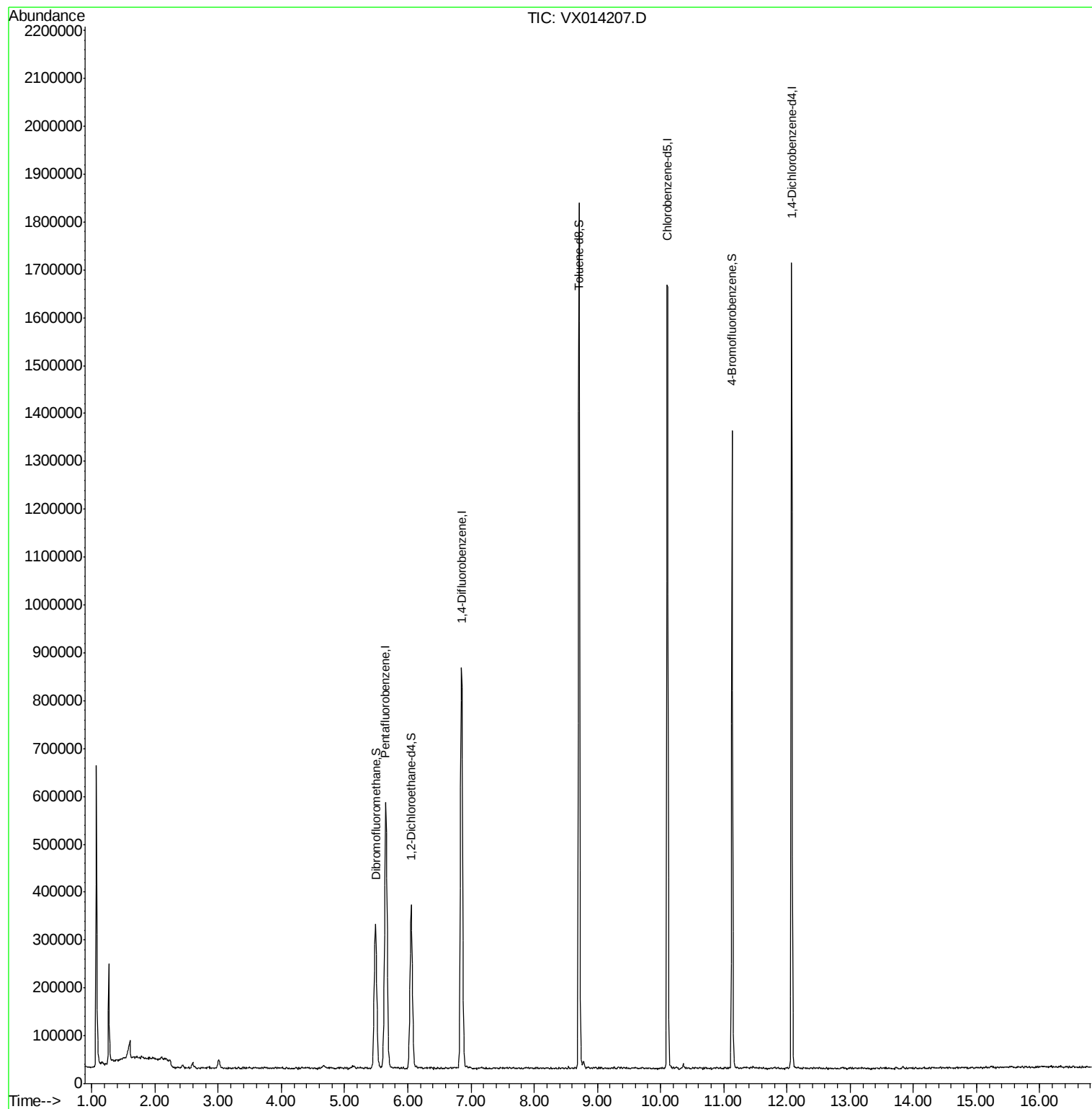
Target Compounds	Qvalue

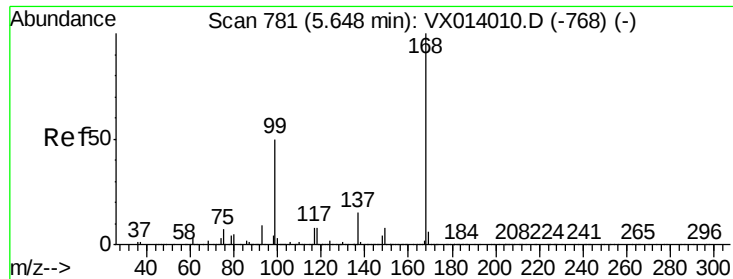
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014207.D

Acq: 23 Dec 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

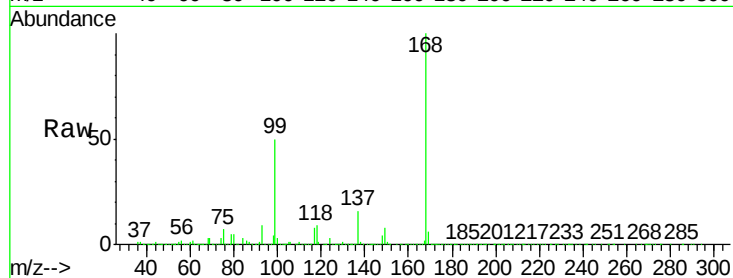
C0B53

Tot Ion:168 Resp: 578091

Ion Ratio Lower Upper

168 100

99 49.5 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

200000

150000

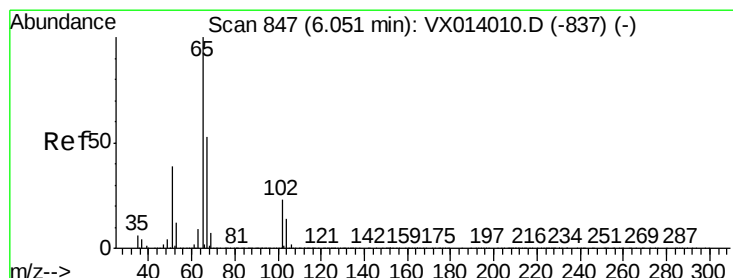
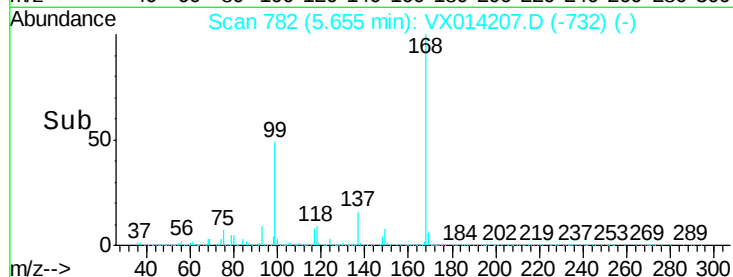
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.185 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014207.D

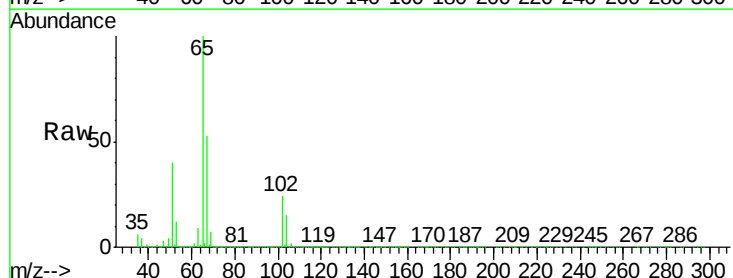
Acq: 23 Dec 2019 17:09

Tgt Ion: 65 Resp: 315703

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

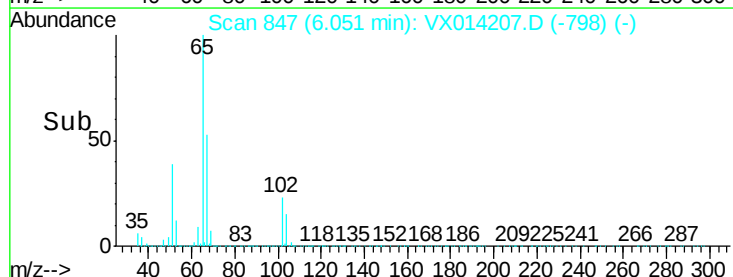
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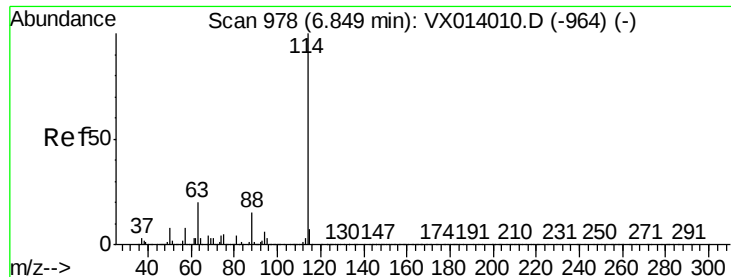
50000

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: VX014207.D

Acq: 23 Dec 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

C0B53

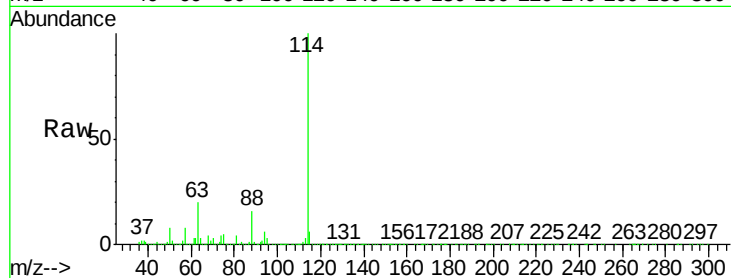
Tot Ion:114 Resp: 885499

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

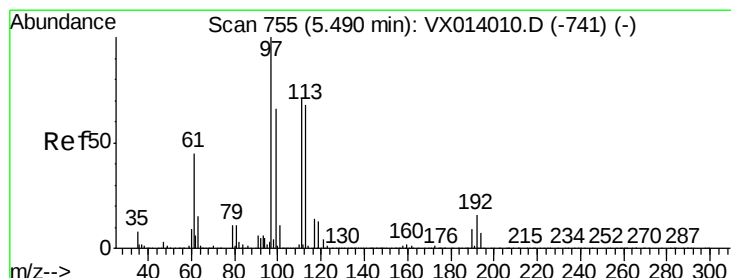
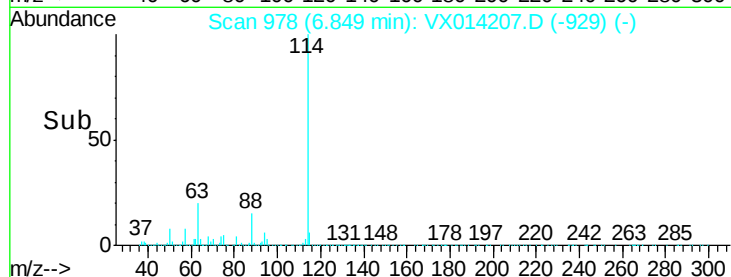
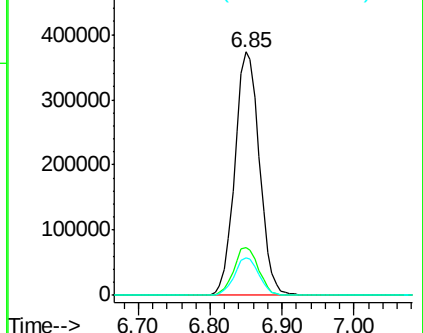
88 15.5 0.0 30.4



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: 49.195 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014207.D

Acq: 23 Dec 2019 17:09

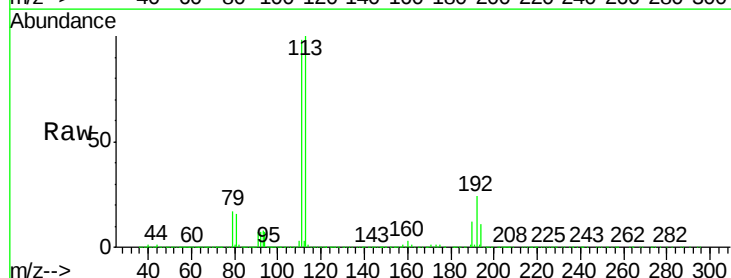
Tgt Ion:113 Resp: 264812

Ion Ratio Lower Upper

113 100

111 100.7 82.0 123.0

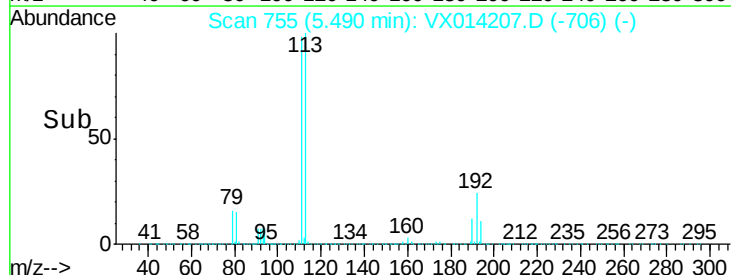
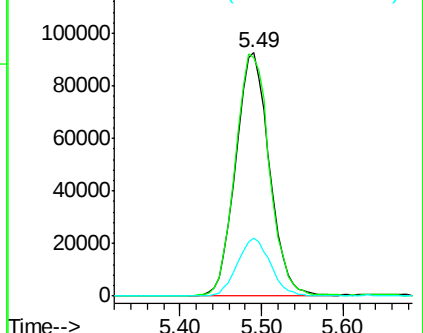
192 23.3 19.3 28.9

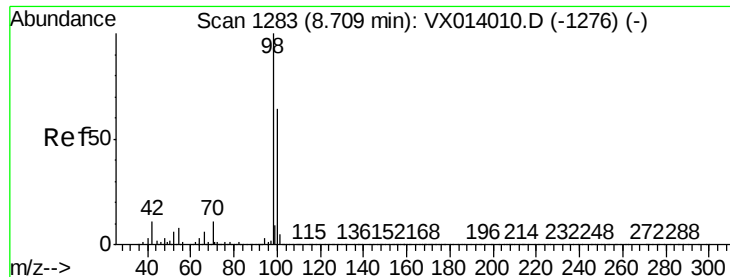


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.607 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014207.D

Acq: 23 Dec 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

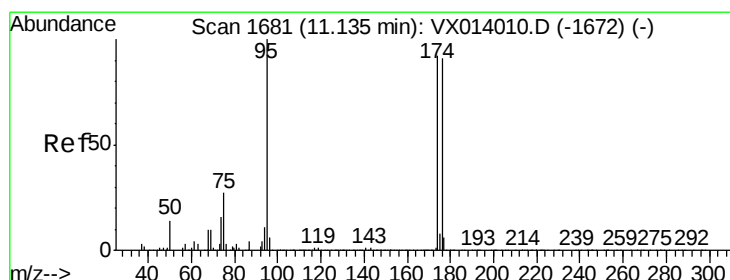
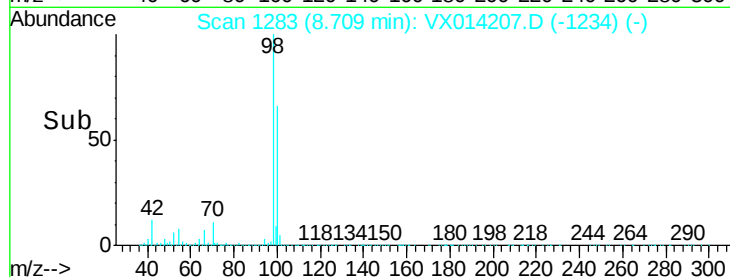
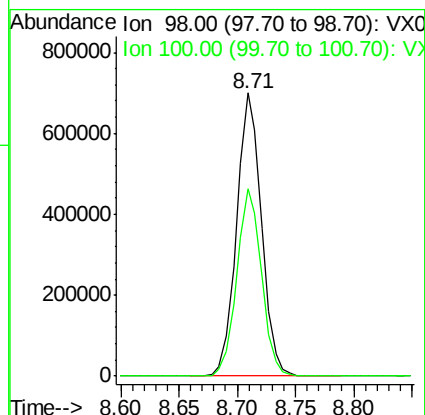
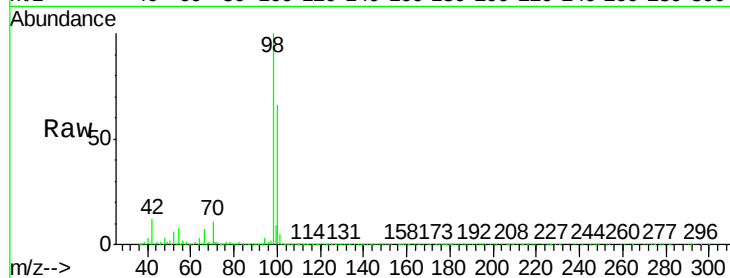
C0B53

Tot Ion: 98 Resp: 1039598

Ion Ratio Lower Upper

98 100

100 65.8 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.171 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014207.D

Acq: 23 Dec 2019 17:09

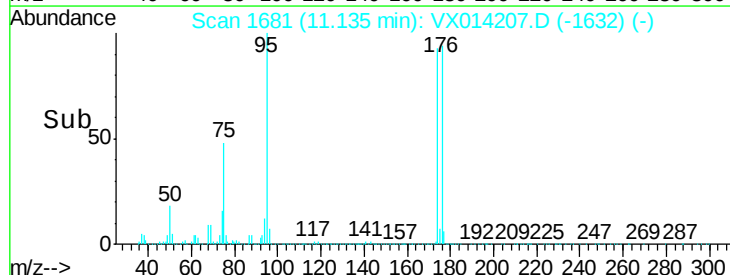
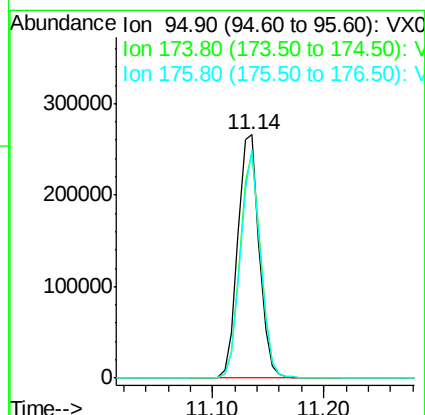
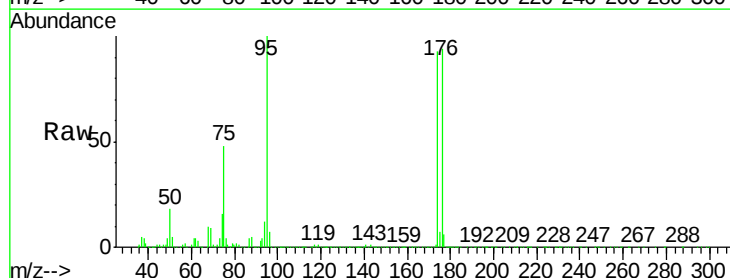
Tgt Ion: 95 Resp: 353698

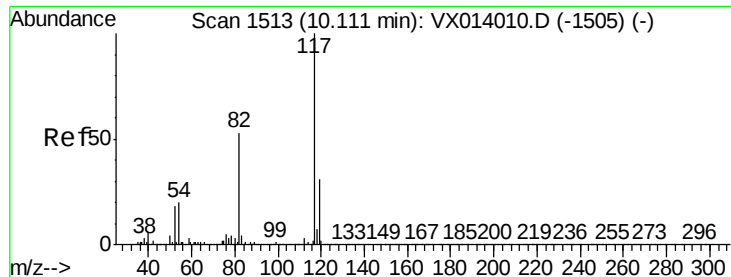
Ion Ratio Lower Upper

95 100

174 89.2 0.0 175.8

176 86.9 0.0 173.0

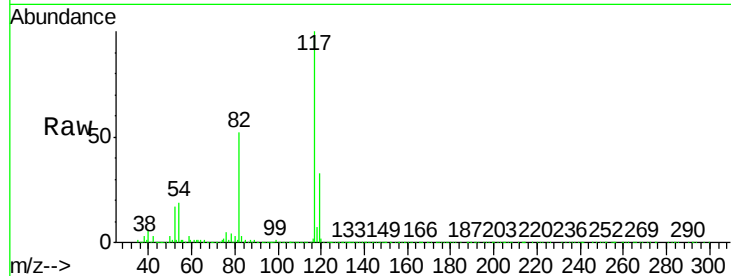




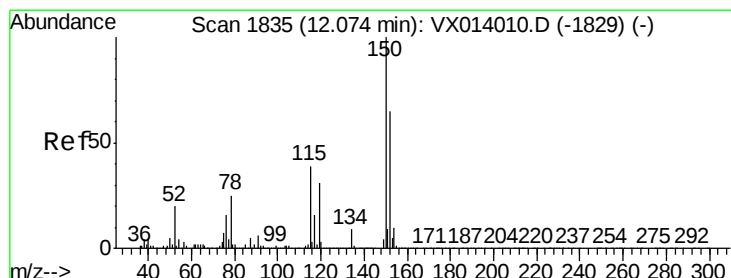
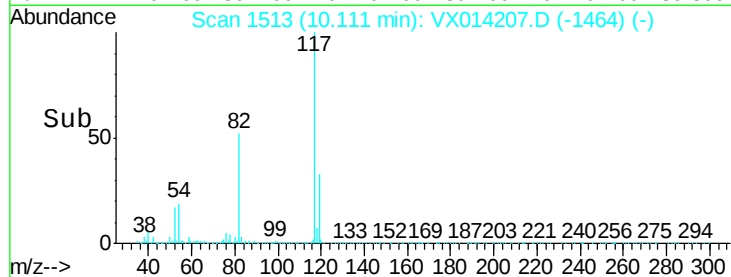
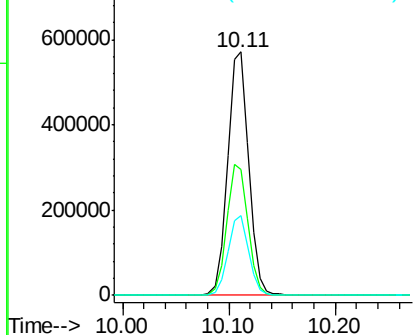
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014207.D
Acq: 23 Dec 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
C0B53

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.2	63.4
119	32.9	25.1	37.7

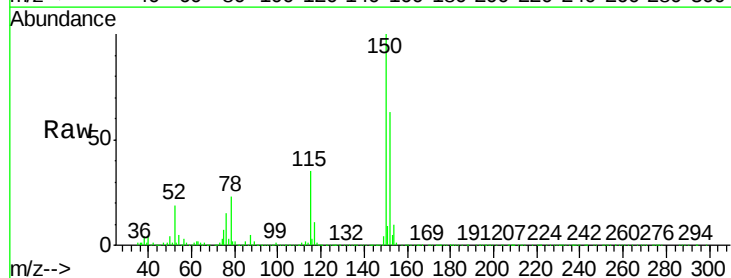


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014207.D
Acq: 23 Dec 2019 17:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	38.3	114.9
150	157.7	0.0	345.4



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

