

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122019\
 Data File : VX014164.D
 Acq On : 20 Dec 2019 11:02
 Operator : JC/SP
 Sample : VX1220WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBL01

Quant Time: Dec 20 23:24:06 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	603035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	906821	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	796705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	338091	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	323000	47.26	ug/l	0.00
Spiked Amount			Recovery	=	94.52%	
35) Dibromofluoromethane	5.48	113	269807	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
50) Toluene-d8	8.71	98	1062958	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.13	95	345547	44.05	ug/l	0.00
Spiked Amount			Recovery	=	88.10%	

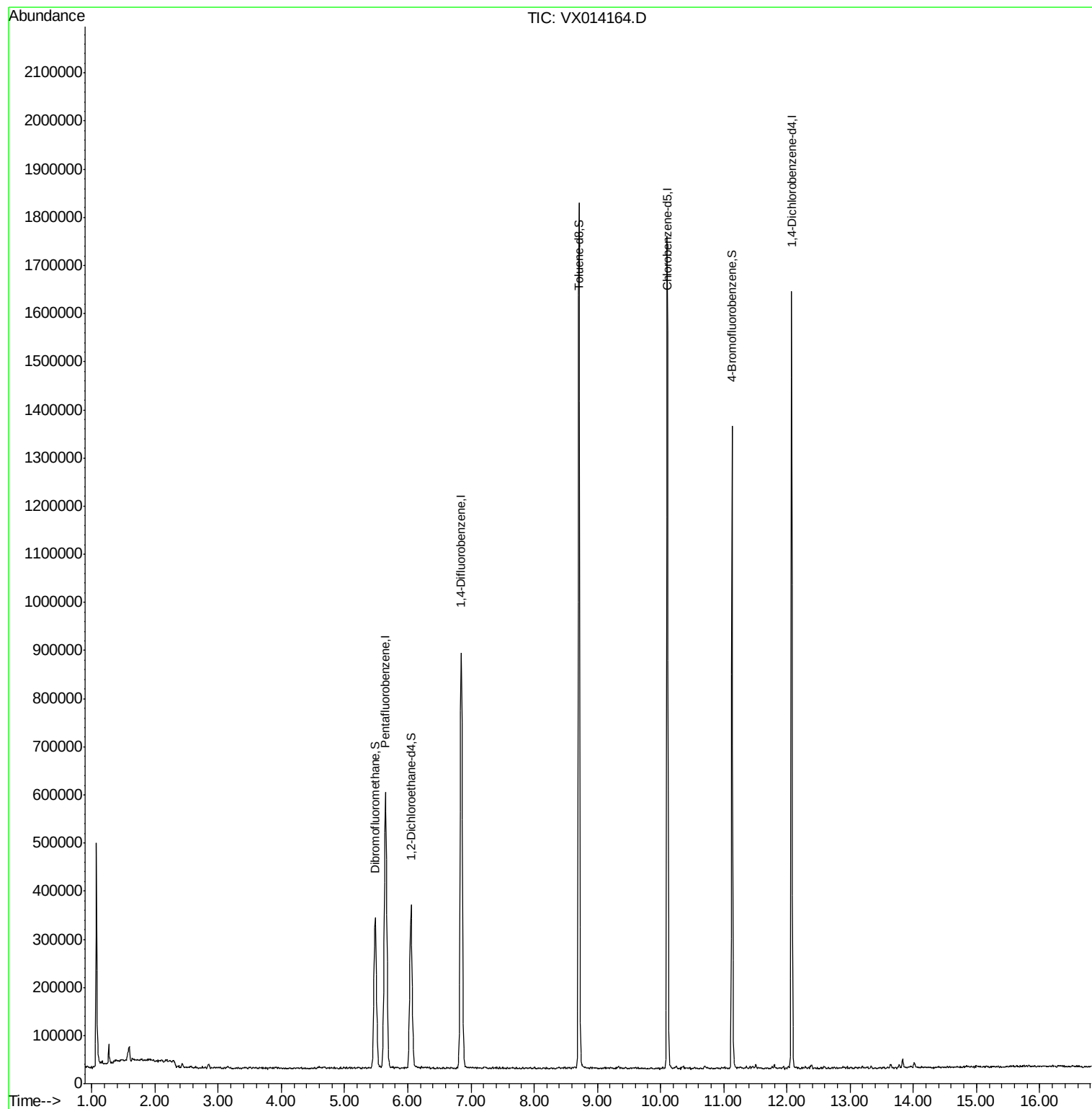
Target Compounds	Qvalue
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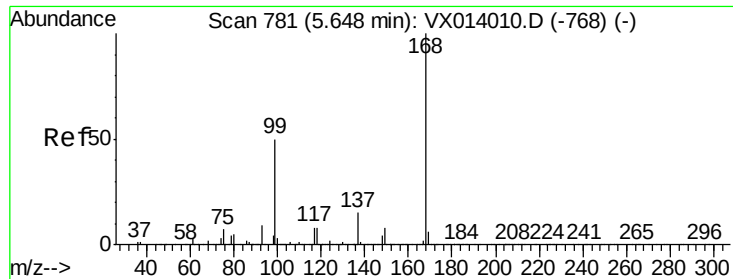
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014164.D

Acq: 20 Dec 2019 11:02

Instrument :

MSVOA_X

ClientSampleId :

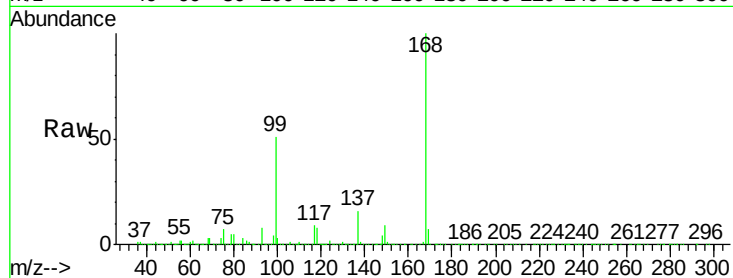
VX1220WBL01

Tot Ion:168 Resp: 603035

Ion Ratio Lower Upper

168 100

99 51.3 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

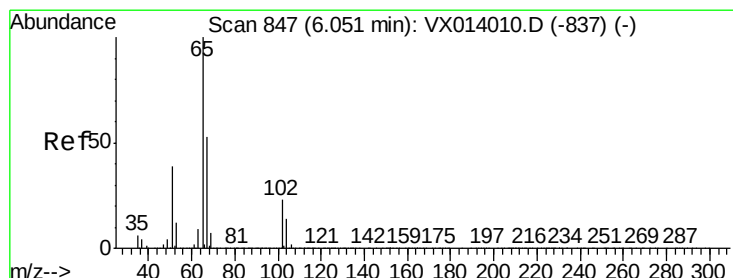
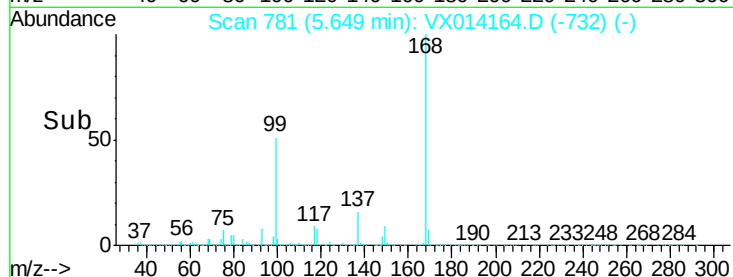
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.260 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014164.D

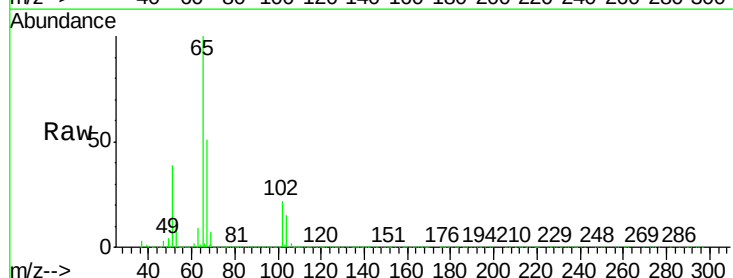
Acq: 20 Dec 2019 11:02

Tgt Ion: 65 Resp: 323000

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

6.05

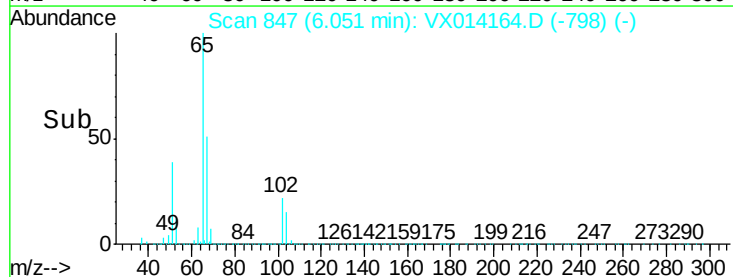
100000

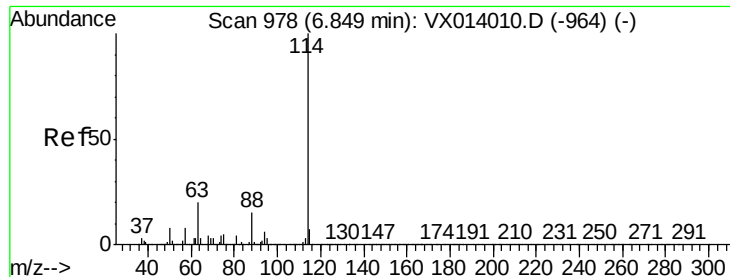
50000

0

Time-->

5.90 6.00 6.10 6.20

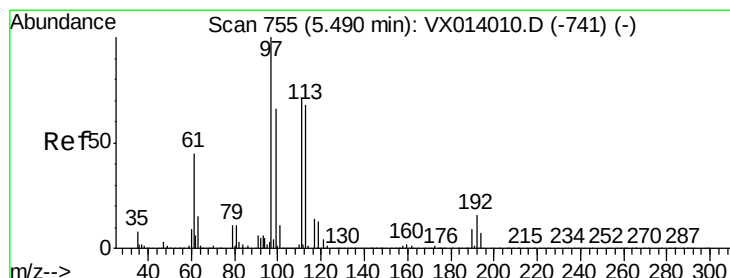
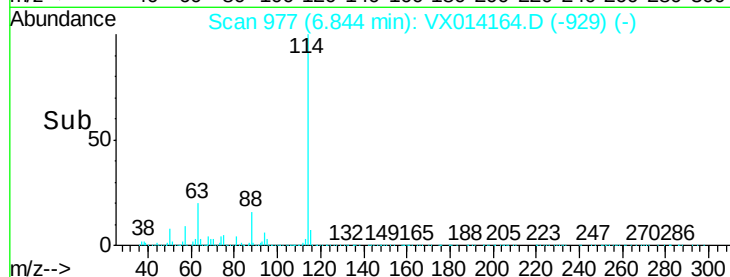
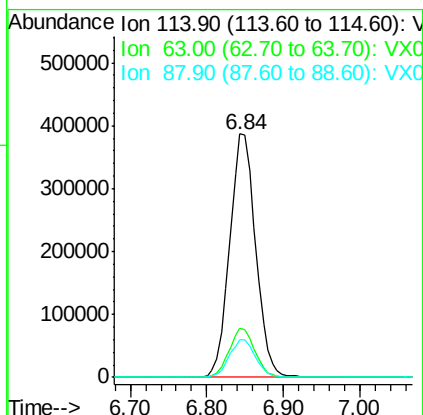
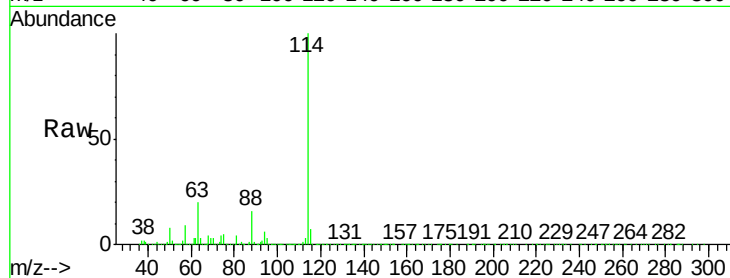




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 977
Delta R.T. -0.01 min
Lab File: VX014164.D
Acq: 20 Dec 2019 11:02

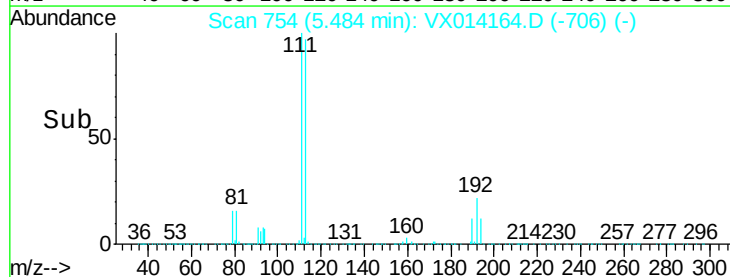
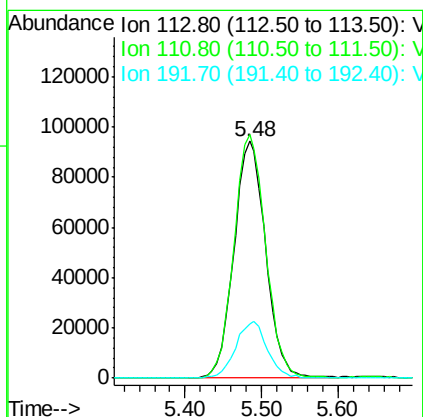
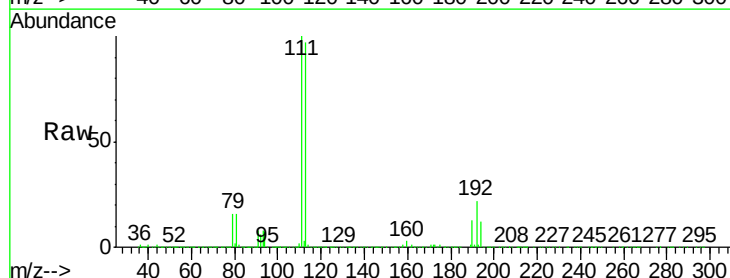
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBL01

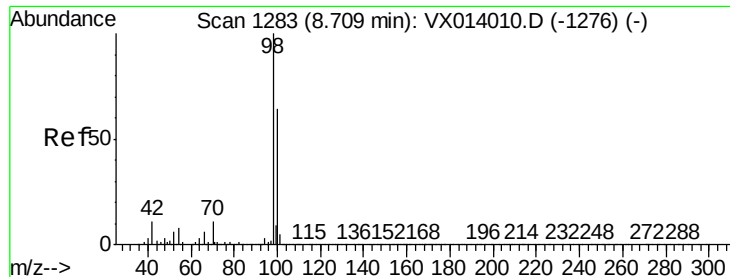
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.8
88	15.5	0.0	30.4



#35
Dibromofluoromethane
Concen: 48.945 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014164.D
Acq: 20 Dec 2019 11:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	23.4	19.3	28.9





#50

Toluene-d8

Concen: 49.529 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014164.D

Acq: 20 Dec 2019 11:02

Instrument :

MSVOA_X

ClientSampleId :

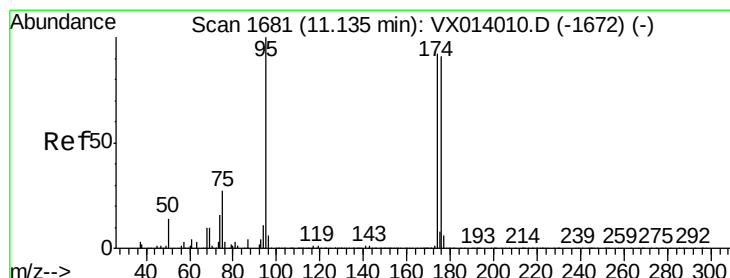
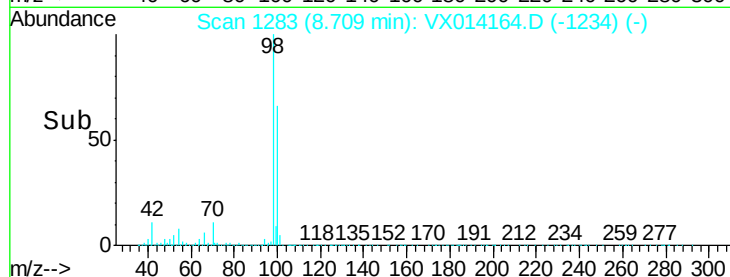
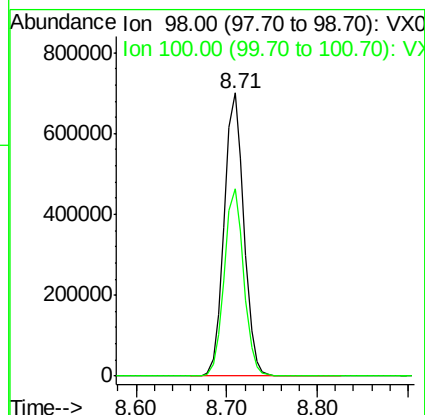
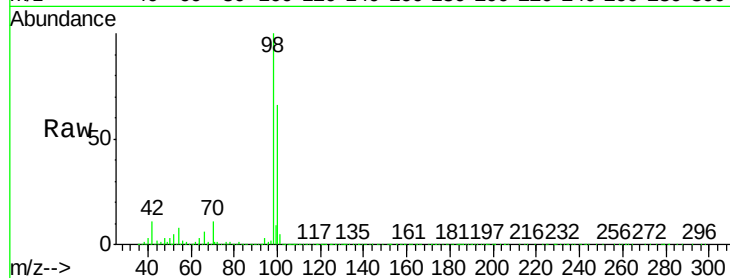
VX1220WBL01

Tot Ion: 98 Resp: 1062958

Ion Ratio Lower Upper

98 100

100 65.5 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.046 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014164.D

Acq: 20 Dec 2019 11:02

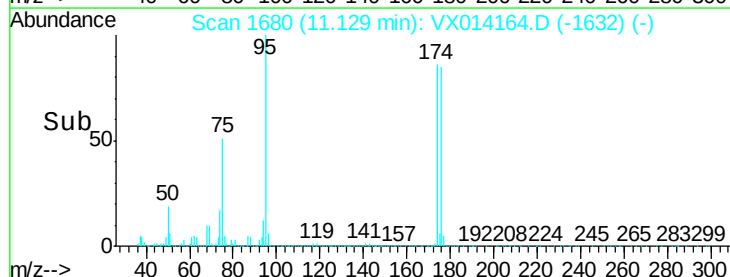
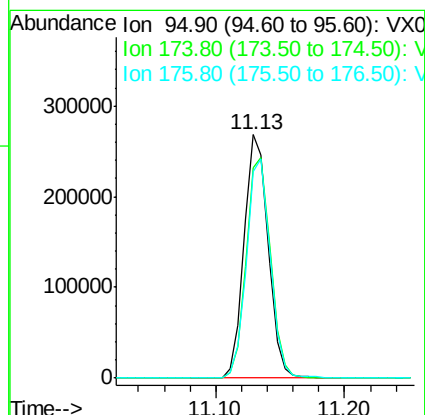
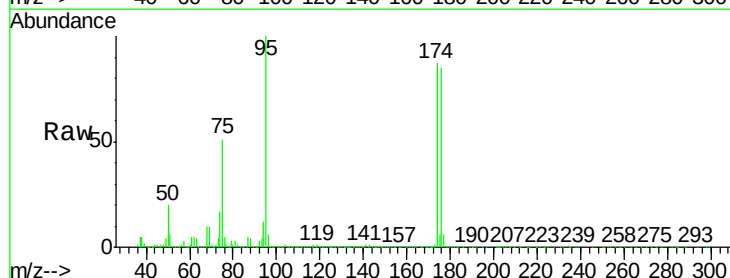
Tgt Ion: 95 Resp: 345547

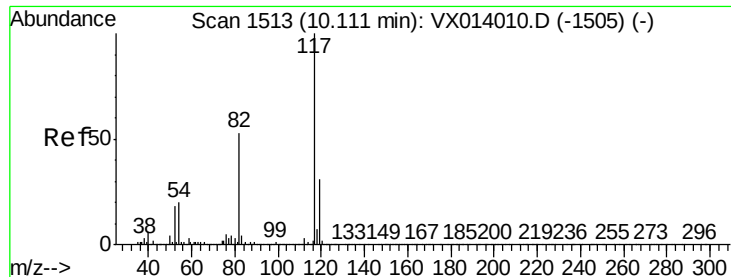
Ion Ratio Lower Upper

95 100

174 91.4 0.0 175.8

176 89.1 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: VX014164.D

Acq: 20 Dec 2019 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBL01

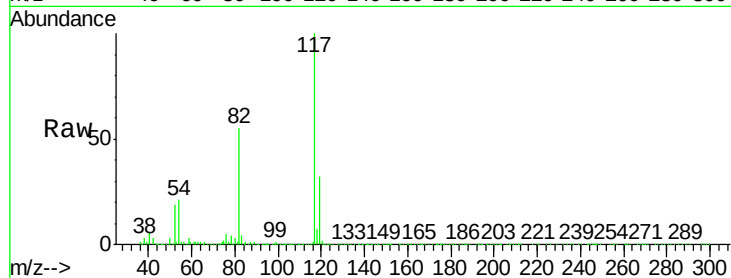
Tot Ion:117 Resp: 796705

Ion Ratio Lower Upper

117 100

82 54.7 42.2 63.4

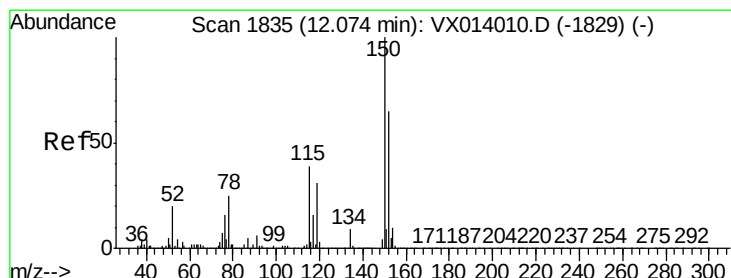
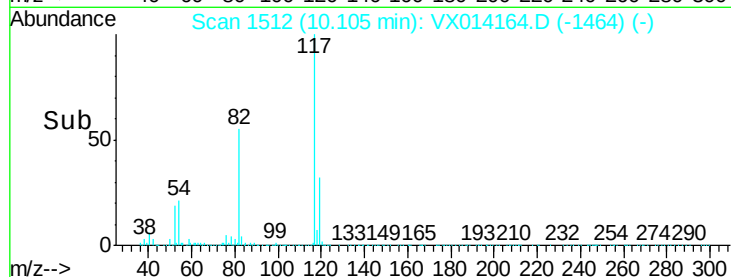
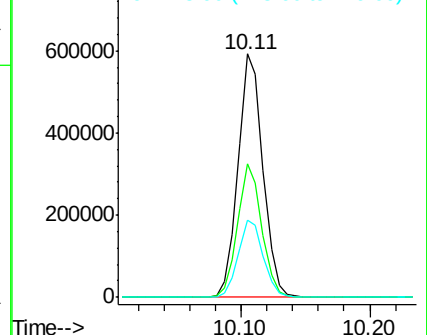
119 31.8 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VX014164.D

Acq: 20 Dec 2019 11:02

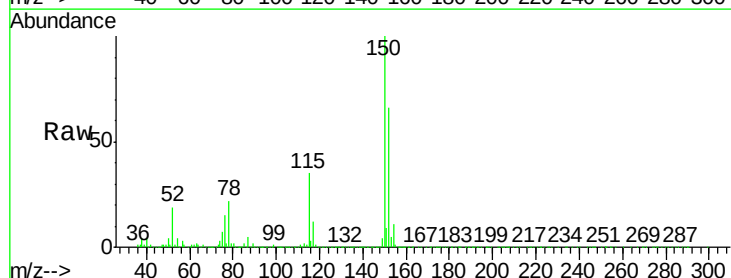
Tgt Ion:152 Resp: 338091

Ion Ratio Lower Upper

152 100

115 55.3 38.3 114.9

150 156.4 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

