

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
 Data File : VX012958.D
 Acq On : 09 Oct 2019 21:57
 Operator : JC/SP
 Sample : VX1009WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBL02

Quant Time: Oct 10 06:59:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	297112	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	93980	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	114582	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
35) Dibromofluoromethane	5.49	113	88807	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
50) Toluene-d8	8.71	98	348846	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
62) 4-Bromofluorobenzene	11.14	95	115134	44.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.10%	

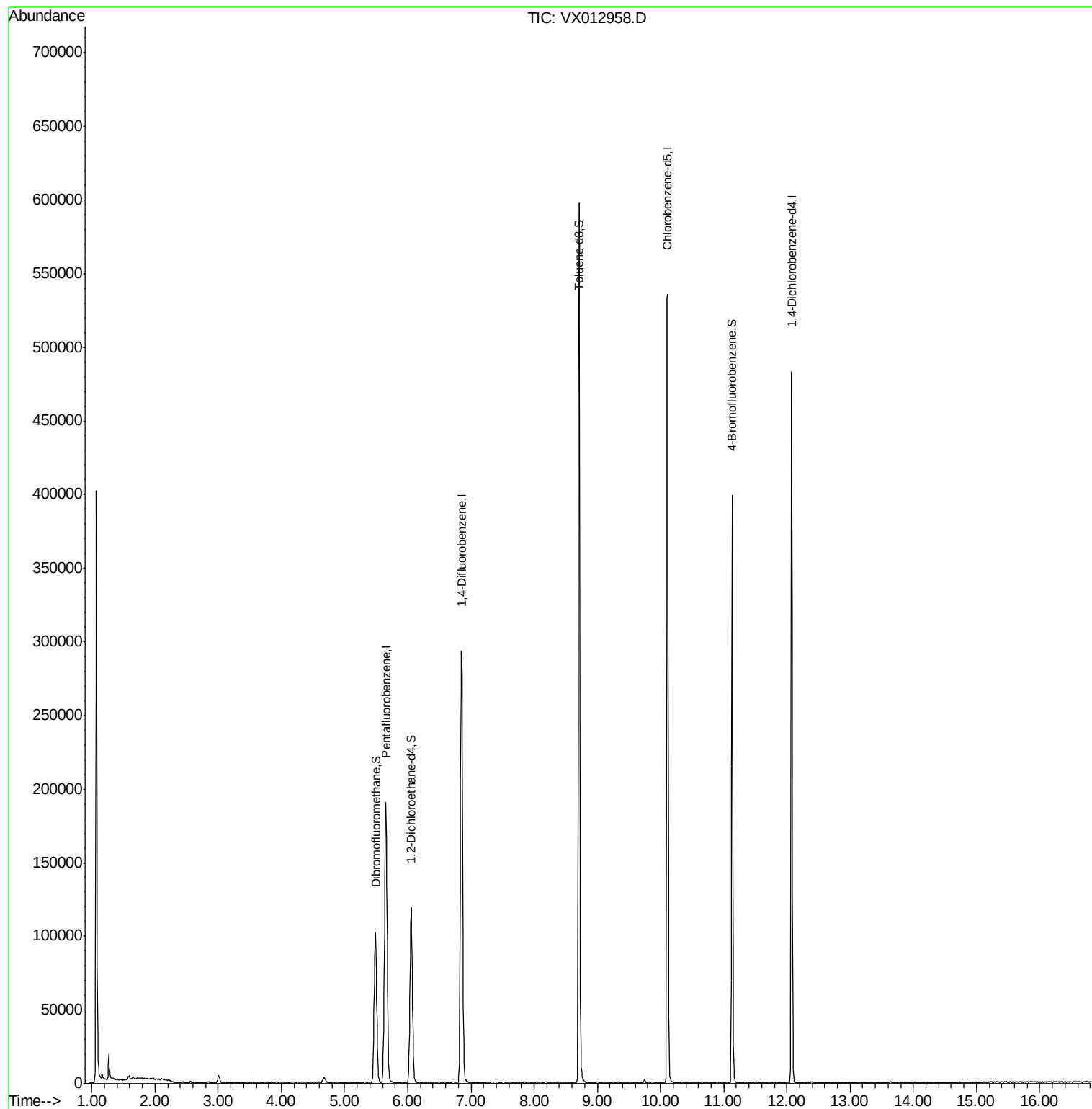
Target Compounds	Qvalue
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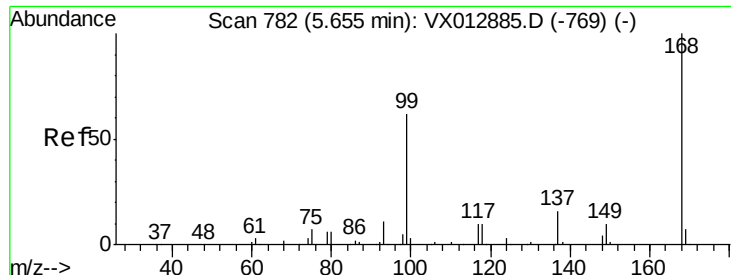
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX012958.D

Acq: 09 Oct 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

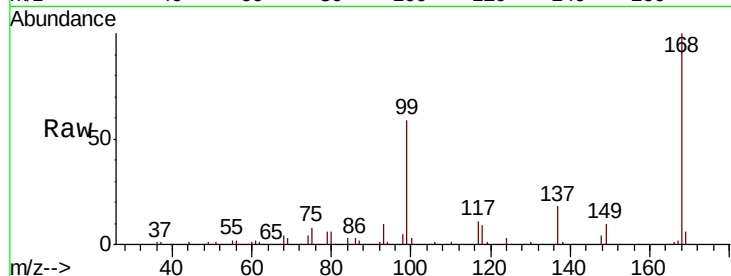
VX1009WBL02

Tot Ion:168 Resp: 176130

Ion Ratio Lower Upper

168 100

99 59.1 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): VX012885.D (-769) (-)

Ion 98.90 (98.60 to 99.60): VX012885.D (-769) (-)

5.65

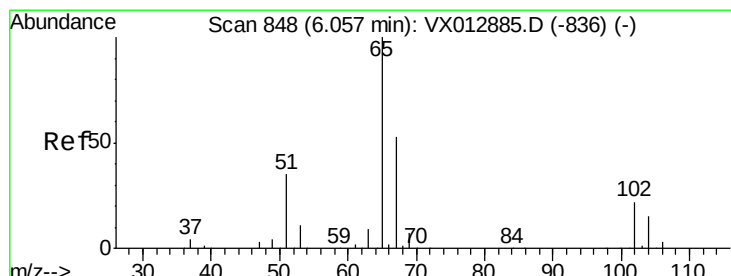
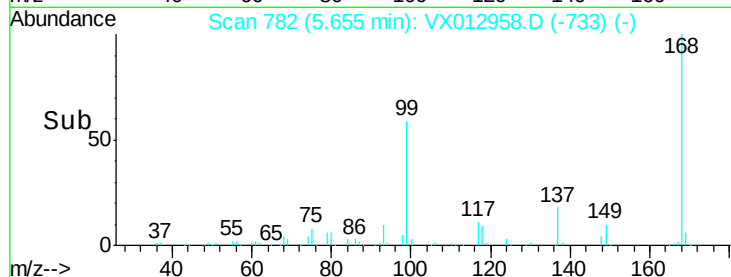
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.050 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX012958.D

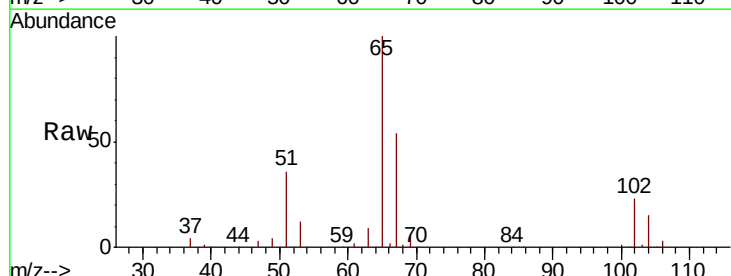
Acq: 09 Oct 2019 21:57

Tgt Ion: 65 Resp: 114582

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX012885.D (-836) (-)

Ion 66.90 (66.60 to 67.60): VX012885.D (-836) (-)

6.05

50000

40000

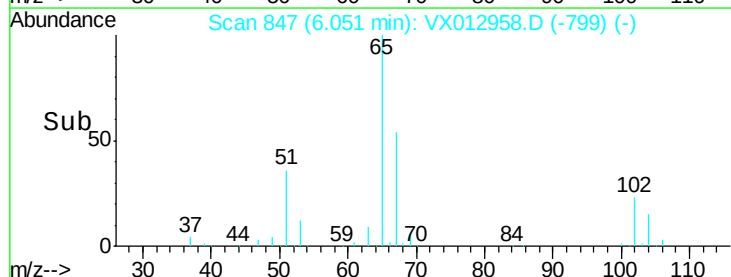
30000

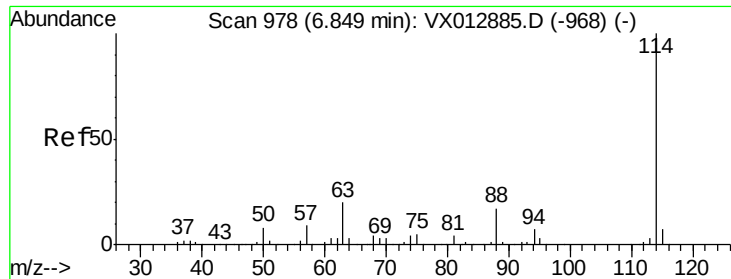
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

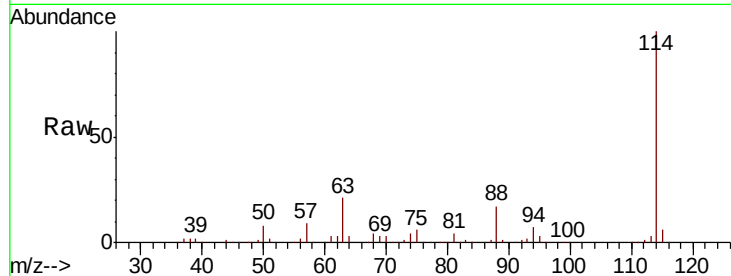




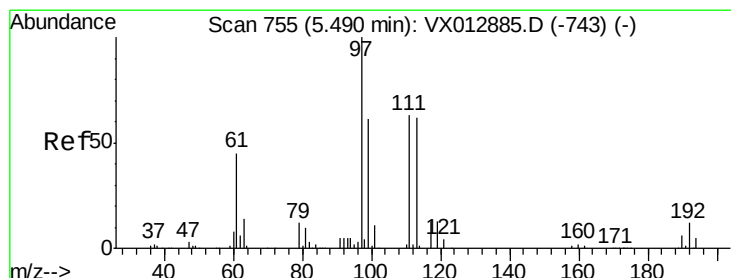
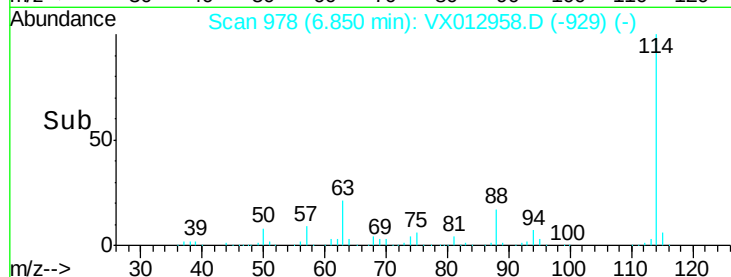
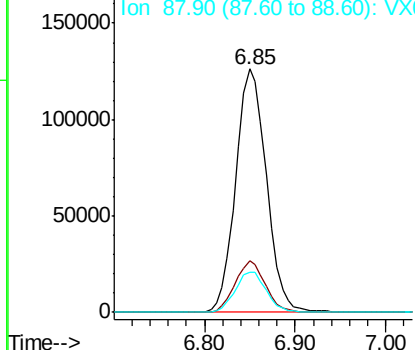
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012958.D
Acq: 09 Oct 2019 21:57

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL02

Tot Ion:114 Resp: 297112
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 16.6 0.0 33.8

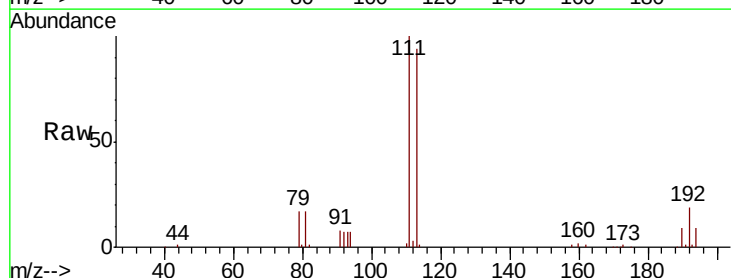


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

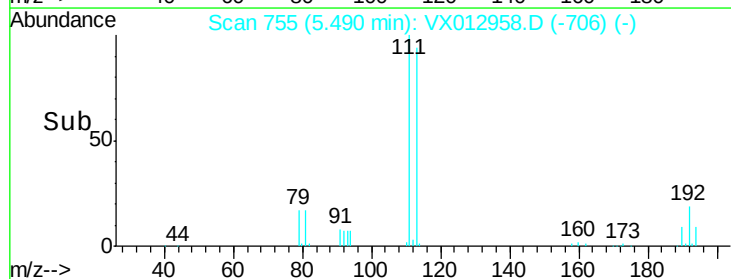
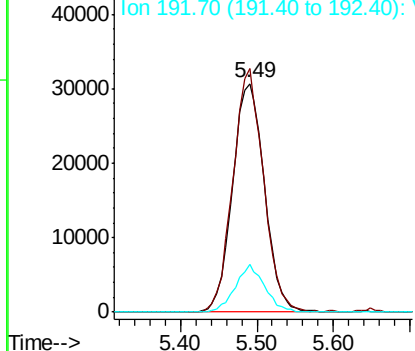


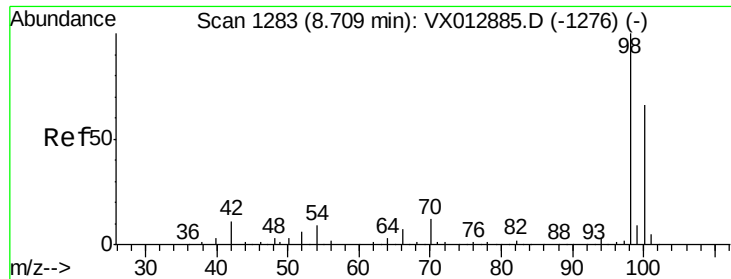
#35
Dibromofluoromethane
Concen: 52.078 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012958.D
Acq: 09 Oct 2019 21:57

Tgt Ion:113 Resp: 88807
Ion Ratio Lower Upper
113 100
111 101.9 83.2 124.8
192 18.9 15.4 23.2



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: 52.451 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012958.D

Acq: 09 Oct 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

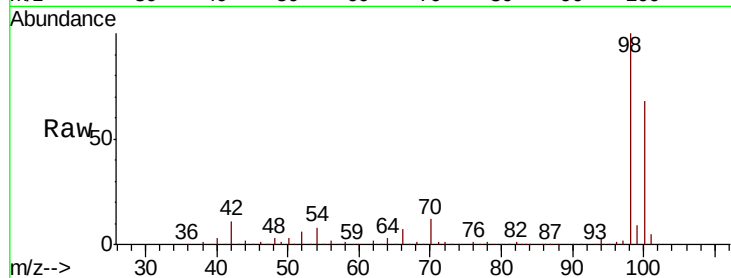
VX1009WBL02

Tot Ion: 98 Resp: 348846

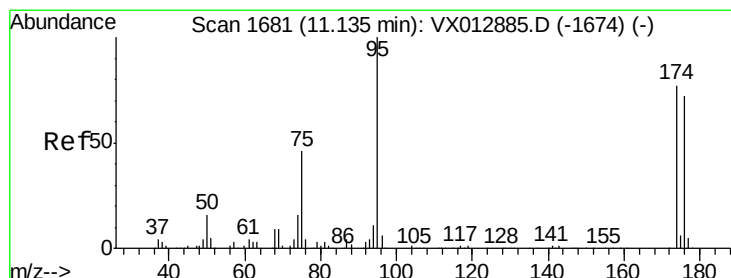
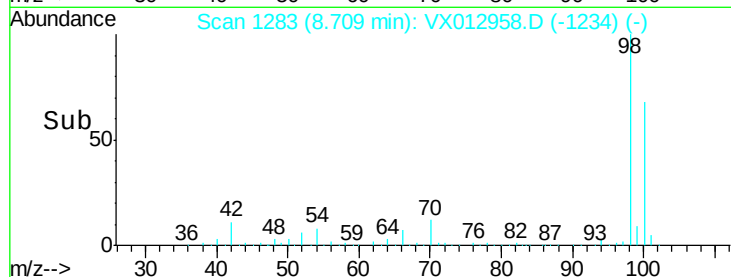
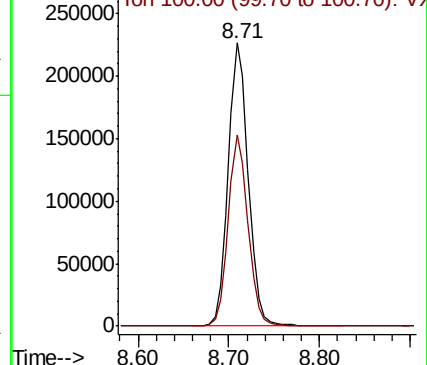
Ion Ratio Lower Upper

98 100

100 67.0 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX012885.D (-1276) (-)



#62

4-Bromofluorobenzene

Concen: 44.552 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012958.D

Acq: 09 Oct 2019 21:57

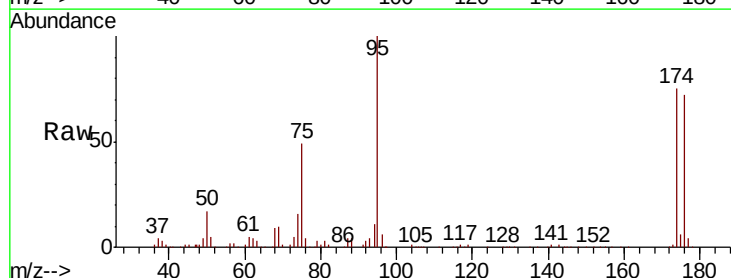
Tgt Ion: 95 Resp: 115134

Ion Ratio Lower Upper

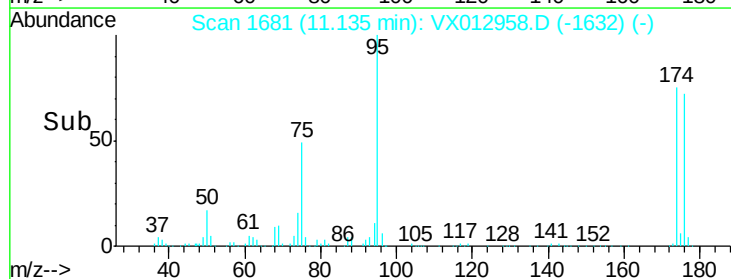
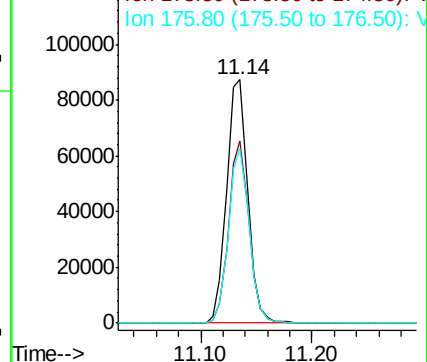
95 100

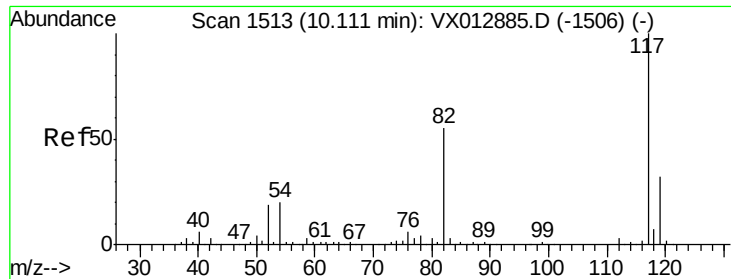
174 71.8 0.0 143.4

176 69.7 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX012885.D (-1674) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012958.D

Acq: 09 Oct 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBL02

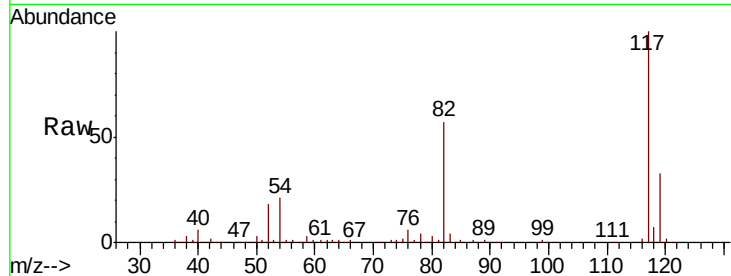
Tot Ion:117 Resp: 252390

Ion Ratio Lower Upper

117 100

82 56.8 44.1 66.1

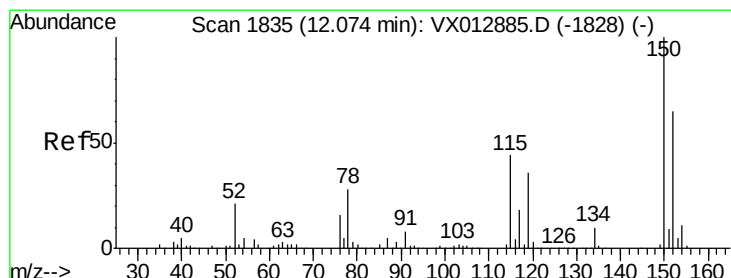
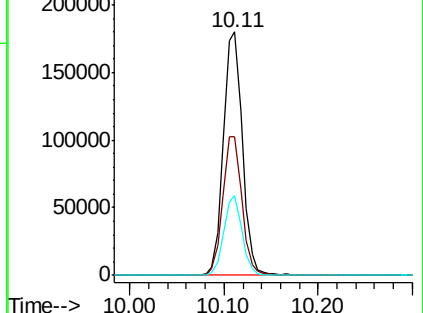
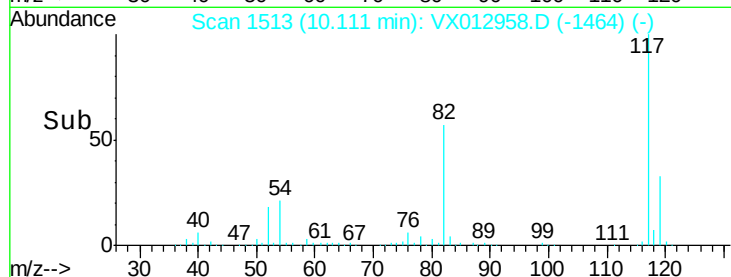
119 32.9 25.8 38.8



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: VX012958.D

Acq: 09 Oct 2019 21:57

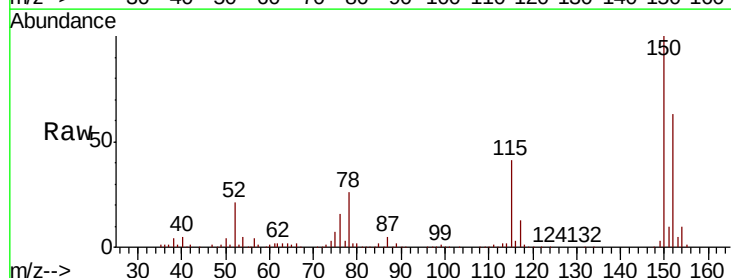
Tgt Ion:152 Resp: 93980

Ion Ratio Lower Upper

152 100

115 64.4 44.5 133.5

150 158.4 0.0 353.4



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

