

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
 Data File : VX012944.D
 Acq On : 09 Oct 2019 15:46
 Operator : JC/SP
 Sample : K5234-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0019

Quant Time: Oct 10 08:51:30 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	179018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	301841	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98737	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	117549	52.54	ug/l	0.00
Spiked Amount			Recovery	=	105.08%	
35) Dibromofluoromethane	5.49	113	90512	52.25	ug/l	0.00
Spiked Amount			Recovery	=	104.50%	
50) Toluene-d8	8.71	98	351546	52.03	ug/l	0.00
Spiked Amount			Recovery	=	104.06%	
62) 4-Bromofluorobenzene	11.14	95	118188	45.02	ug/l	0.00
Spiked Amount			Recovery	=	90.04%	

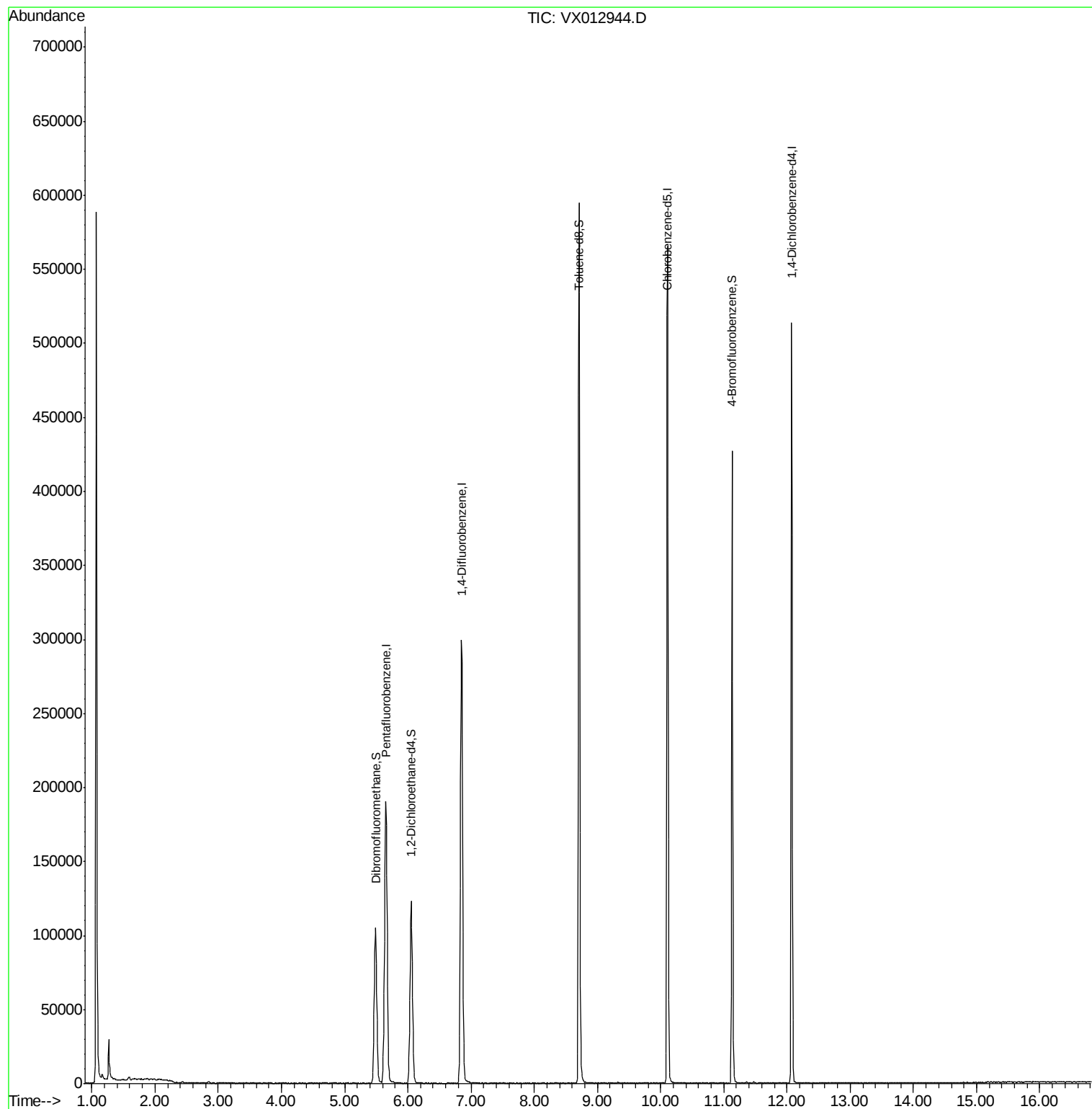
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012944.D

Acq: 09 Oct 2019 15:46

Instrument :

MSVOA_X

ClientSampleId :

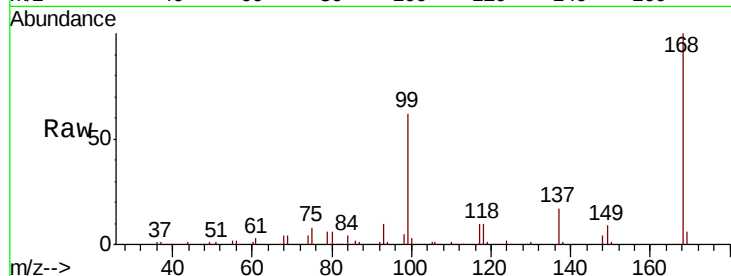
FA19-MMW0019

Tot Ion:168 Resp: 179018

Ion Ratio Lower Upper

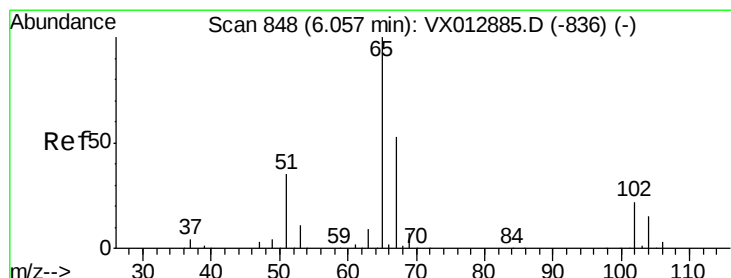
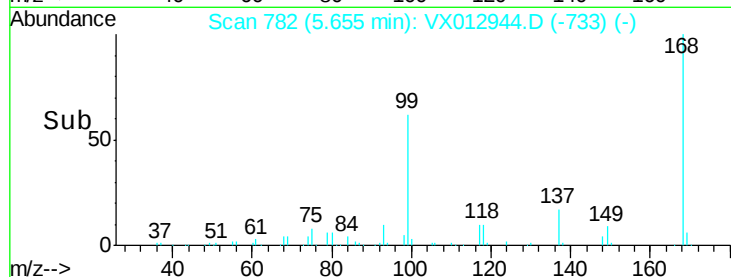
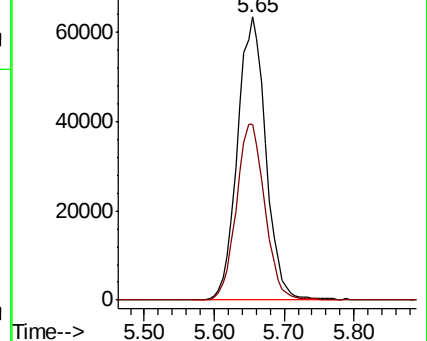
168 100

99 62.0 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.536 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX012944.D

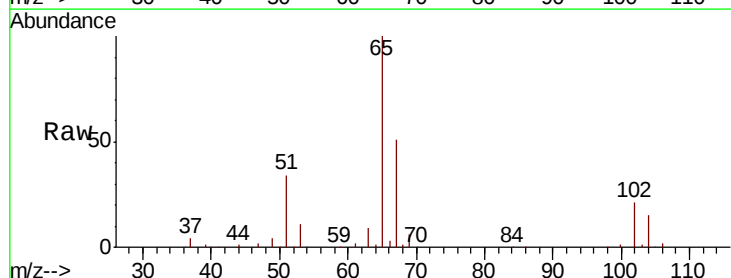
Acq: 09 Oct 2019 15:46

Tgt Ion: 65 Resp: 117549

Ion Ratio Lower Upper

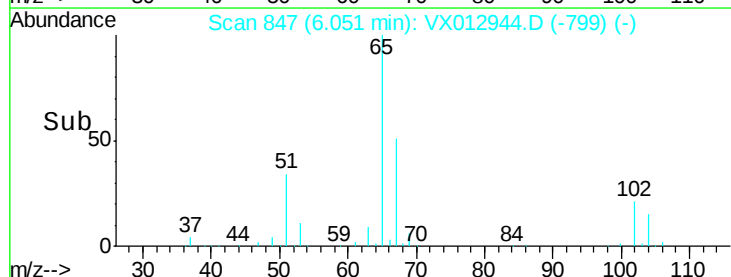
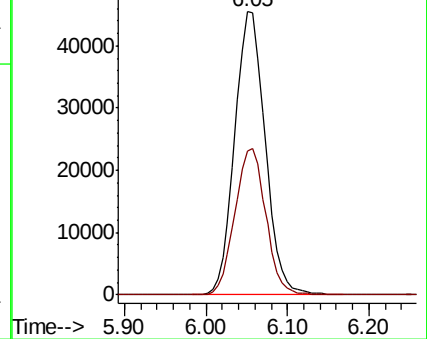
65 100

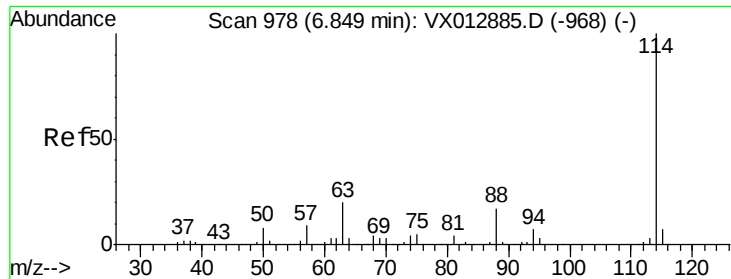
67 52.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

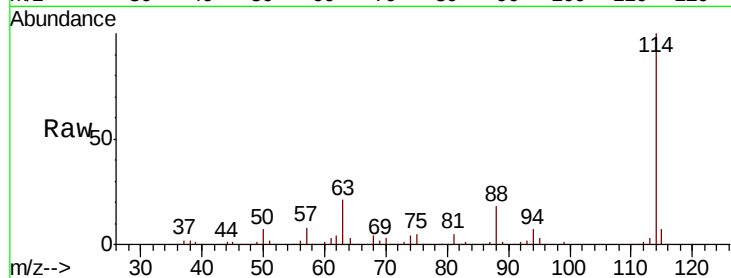




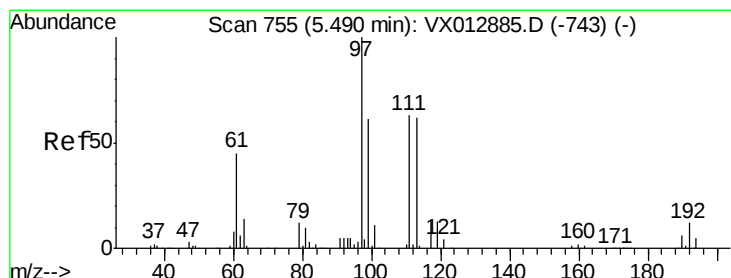
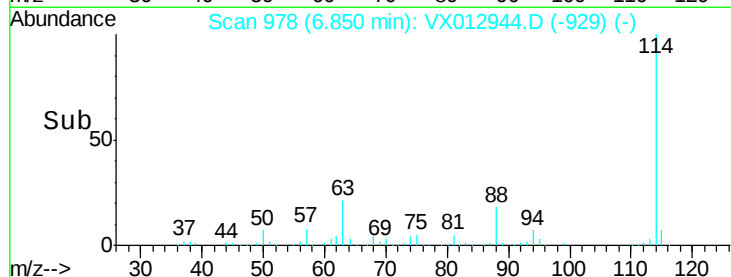
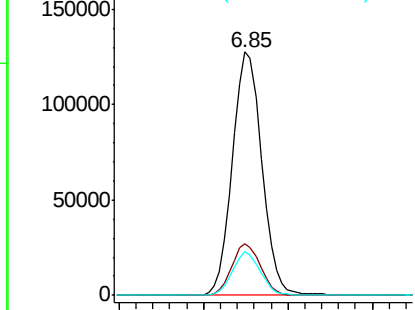
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012944.D
Acq: 09 Oct 2019 15:46

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0019

Tot Ion:114 Resp: 301841
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 18.2 0.0 33.8

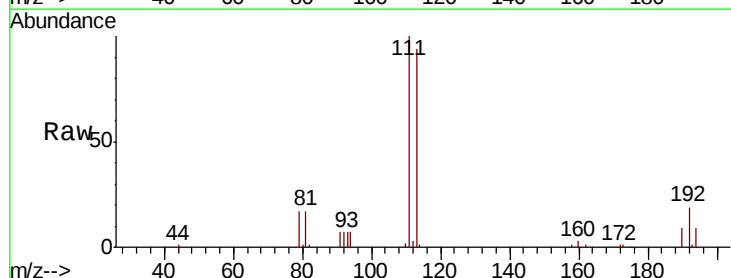


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

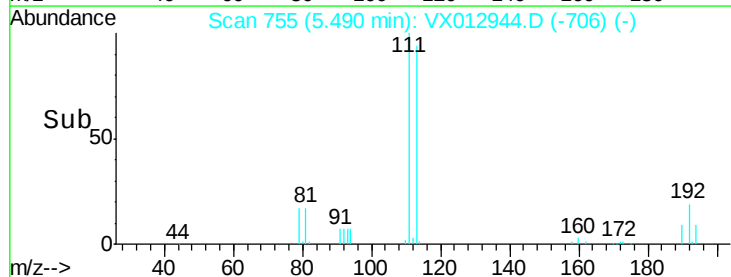
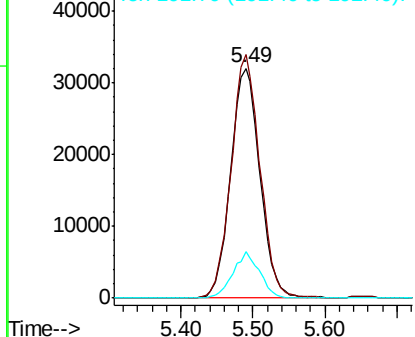


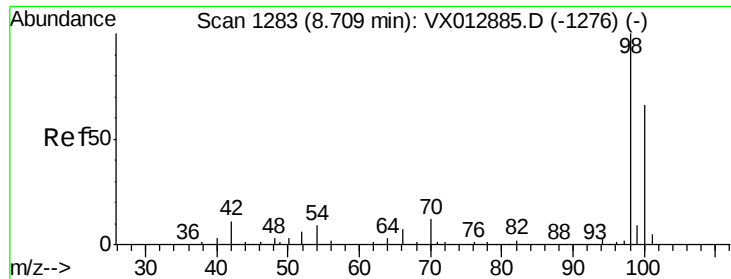
#35
Dibromofluoromethane
Concen: 52.246 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012944.D
Acq: 09 Oct 2019 15:46

Tgt Ion:113 Resp: 90512
Ion Ratio Lower Upper
113 100
111 104.0 83.2 124.8
192 18.4 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: 52.028 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012944.D

Acq: 09 Oct 2019 15:46

Instrument :

MSVOA_X

ClientSampleId :

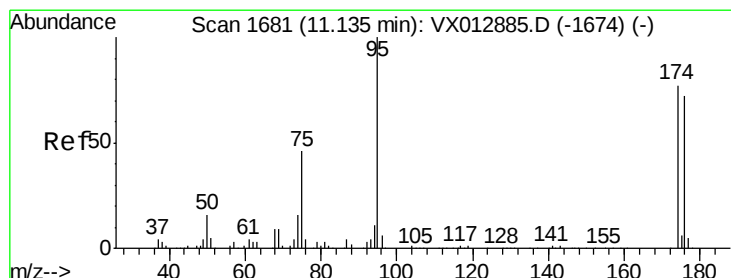
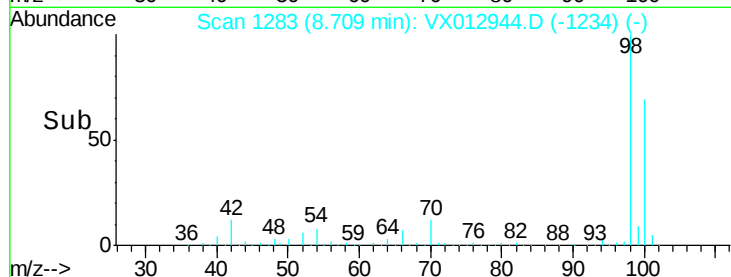
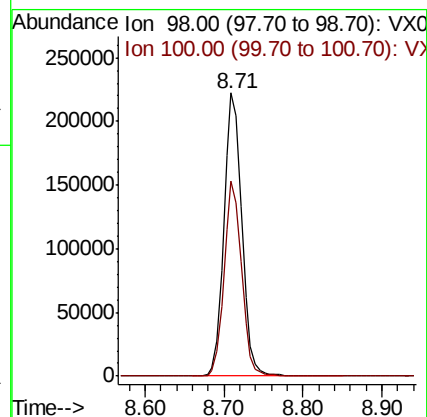
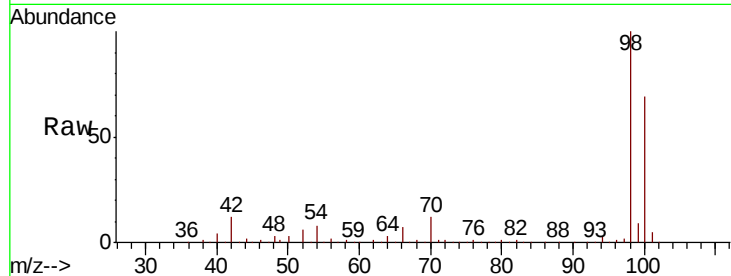
FA19-MMW0019

Tot Ion: 98 Resp: 351546

Ion Ratio Lower Upper

98 100

100 67.3 53.4 80.2



#62

4-Bromofluorobenzene

Concen: 45.017 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012944.D

Acq: 09 Oct 2019 15:46

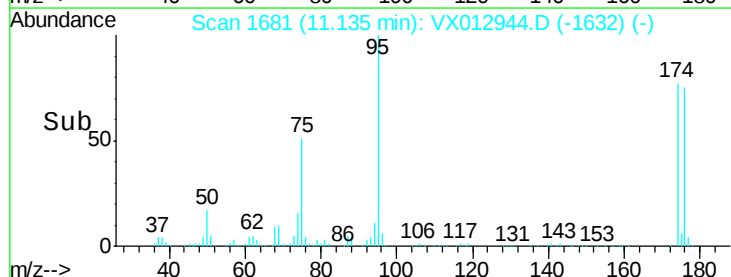
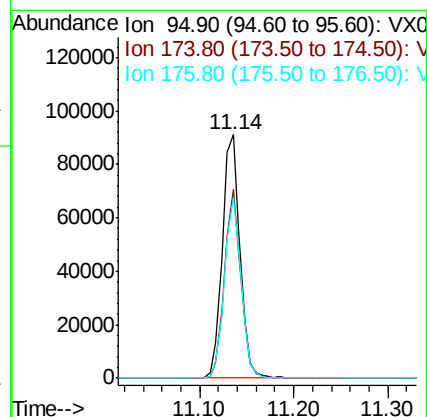
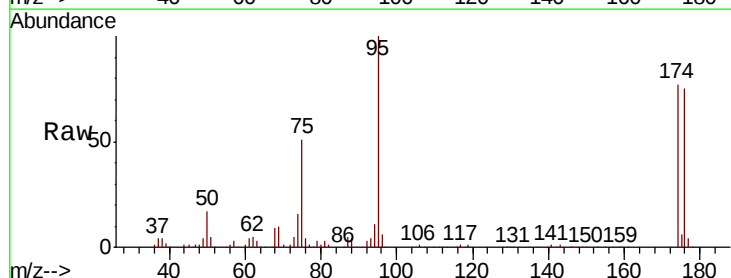
Tgt Ion: 95 Resp: 118188

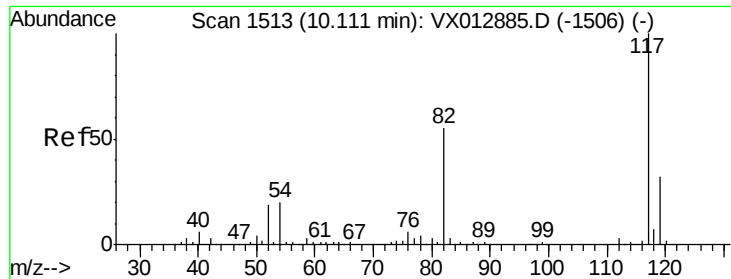
Ion Ratio Lower Upper

95 100

174 72.3 0.0 143.4

176 70.8 0.0 136.0

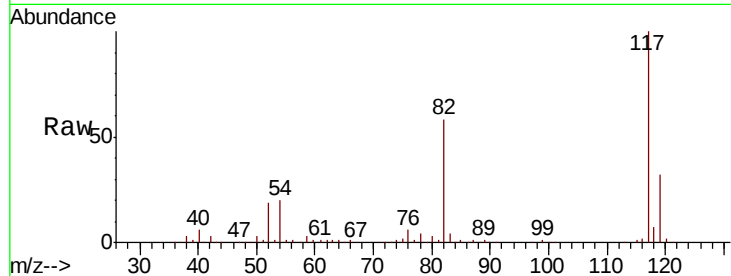




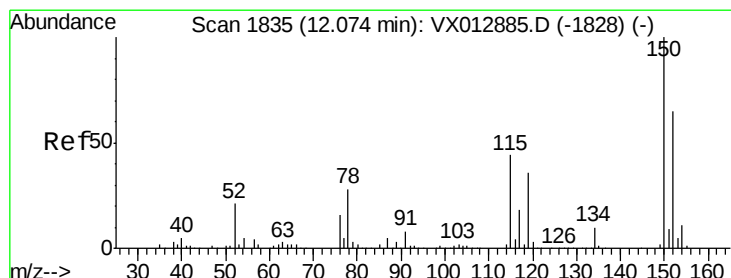
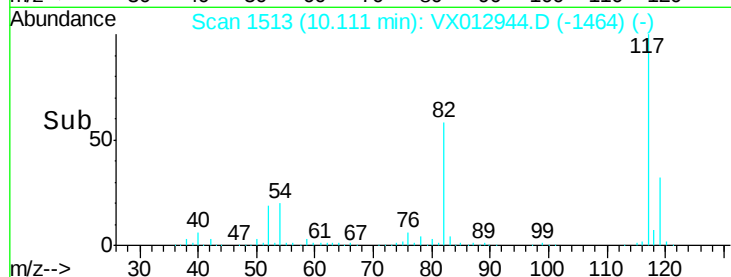
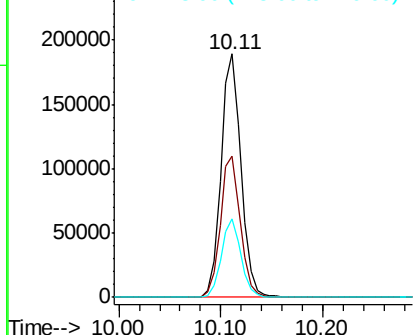
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012944.D
Acq: 09 Oct 2019 15:46

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0019

Tot Ion:117 Resp: 258100
Ion Ratio Lower Upper
117 100
82 58.0 44.1 66.1
119 32.0 25.8 38.8

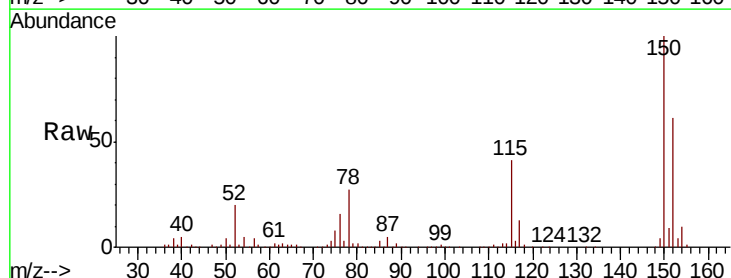


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012944.D
Acq: 09 Oct 2019 15:46

Tgt Ion:152 Resp: 98737
Ion Ratio Lower Upper
152 100
115 64.9 44.5 133.5
150 158.6 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

