

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100419\
 Data File : VX012804.D
 Acq On : 04 Oct 2019 12:18
 Operator : JC/SP
 Sample : VX1004MBL01
 Misc : 5.0g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBL01

Quant Time: Oct 05 04:39:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	177628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	300514	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	91367	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	118382	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	
35) Dibromofluoromethane	5.49	113	90474	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
50) Toluene-d8	8.71	98	354522	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
62) 4-Bromofluorobenzene	11.13	95	115482	42.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.22%	

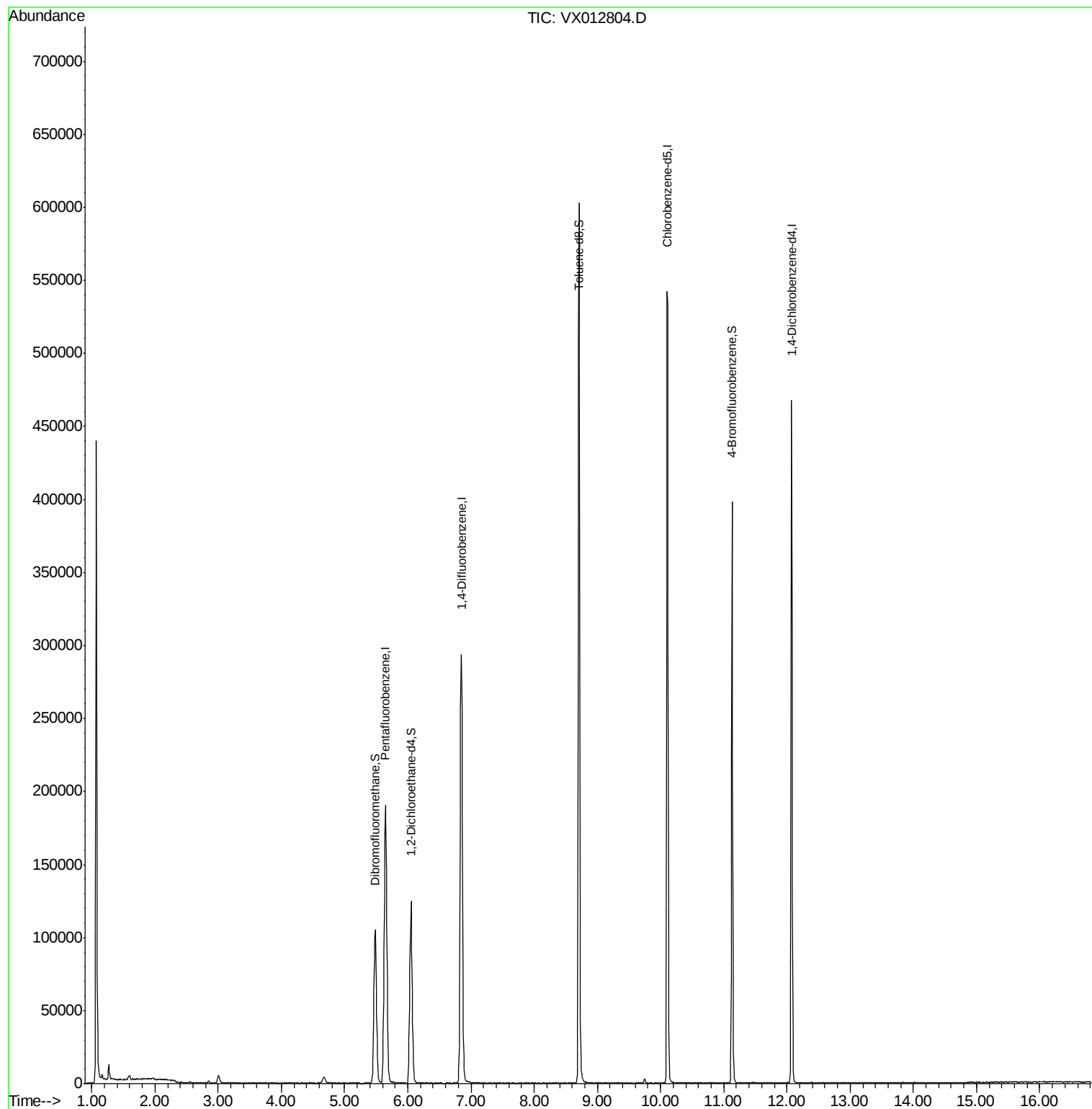
Target Compounds	Qvalue
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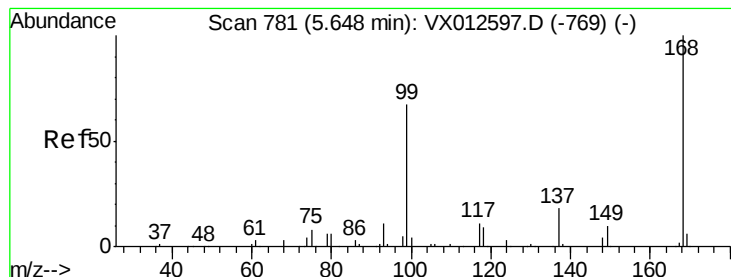
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012804.D

Acq: 04 Oct 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

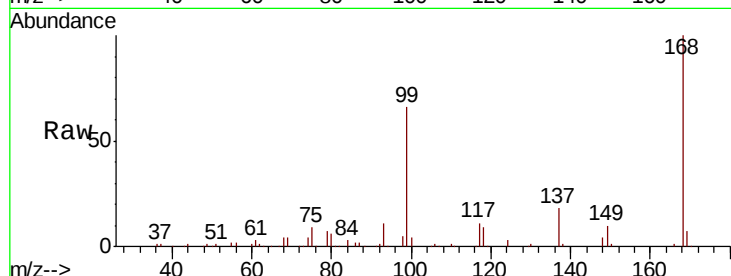
VX1004MBL01

Tot Ion:168 Resp: 177628

Ion Ratio Lower Upper

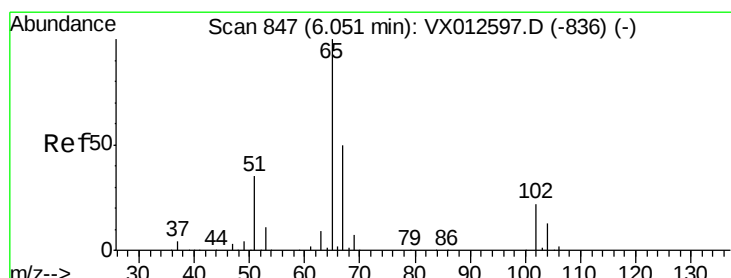
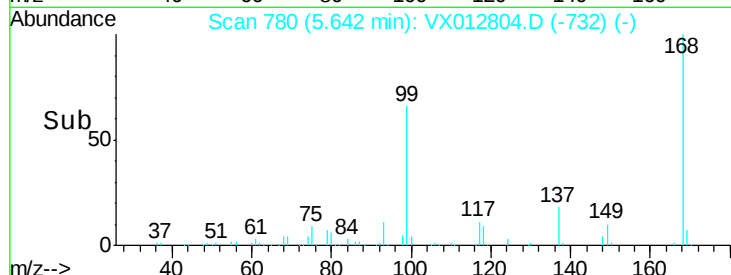
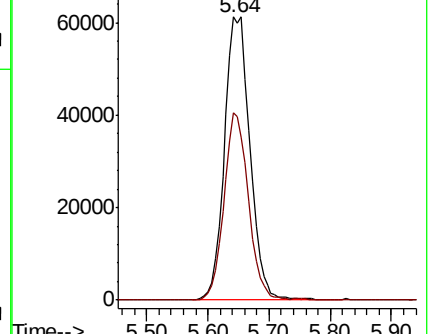
168 100

99 66.1 51.4 77.2



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: 45.767 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX012804.D

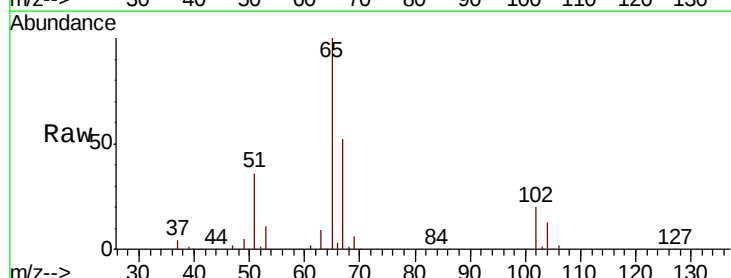
Acq: 04 Oct 2019 12:18

Tgt Ion: 65 Resp: 118382

Ion Ratio Lower Upper

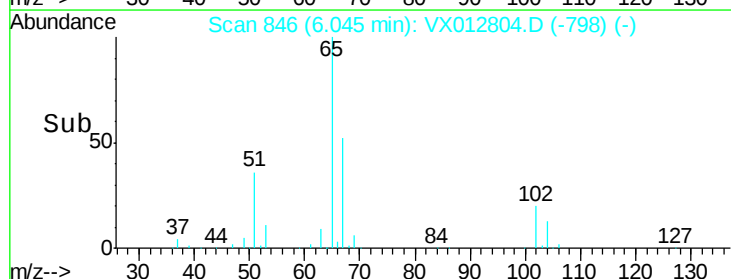
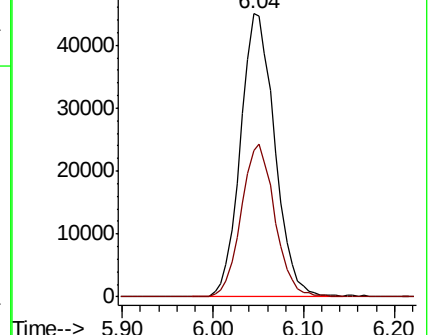
65 100

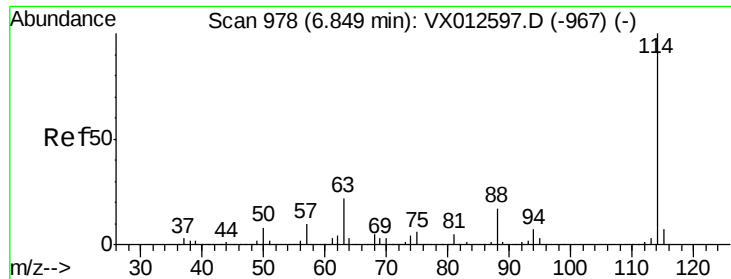
67 52.9 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

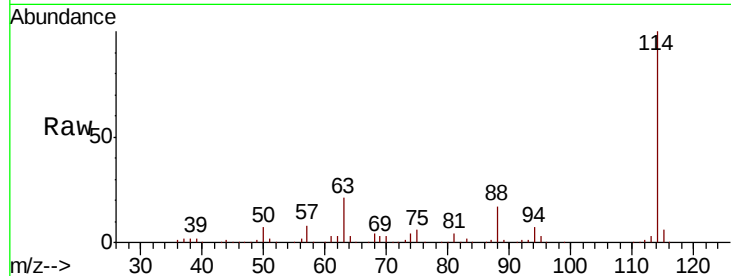




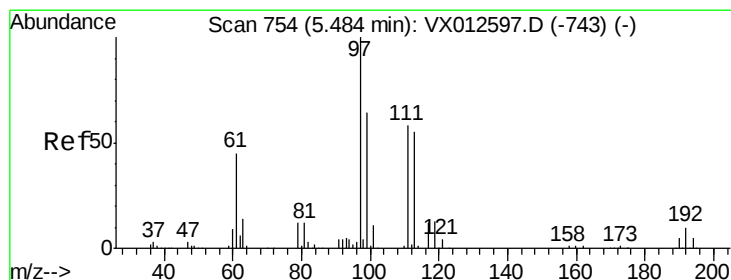
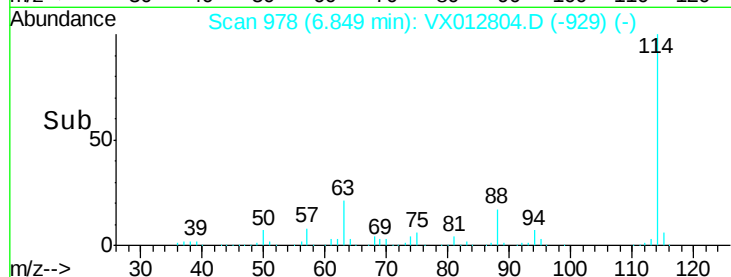
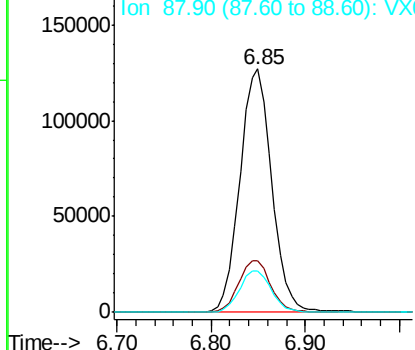
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012804.D
 Acq: 04 Oct 2019 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBL01

Tot Ion:114 Resp: 300514
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.2
 88 17.2 0.0 33.2

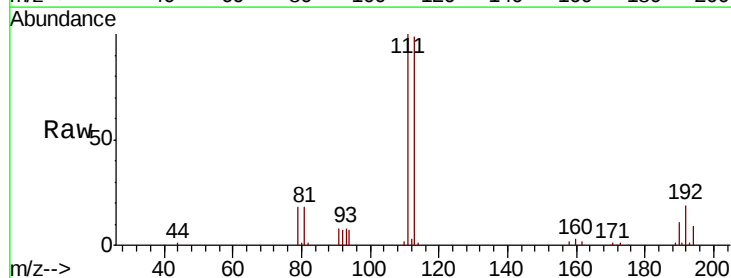


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

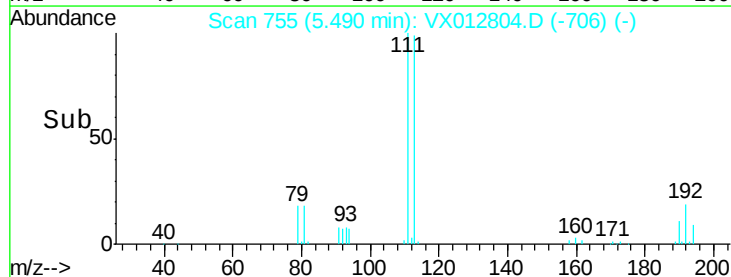
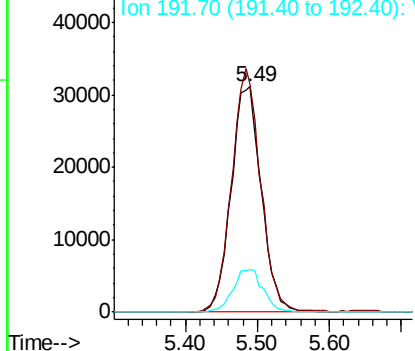


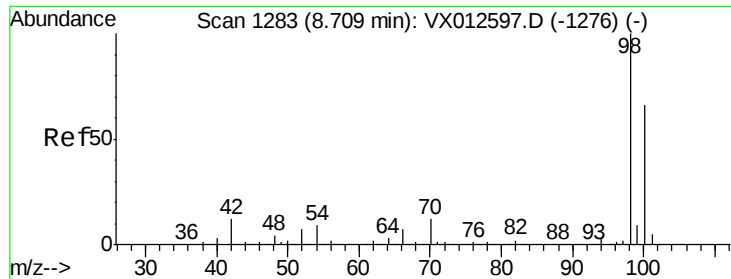
#35
 Dibromofluoromethane
 Concen: 50.553 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012804.D
 Acq: 04 Oct 2019 12:18

Tgt Ion:113 Resp: 90474
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.4 125.2
 192 18.9 14.4 21.6



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: 51.438 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012804.D

Acq: 04 Oct 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

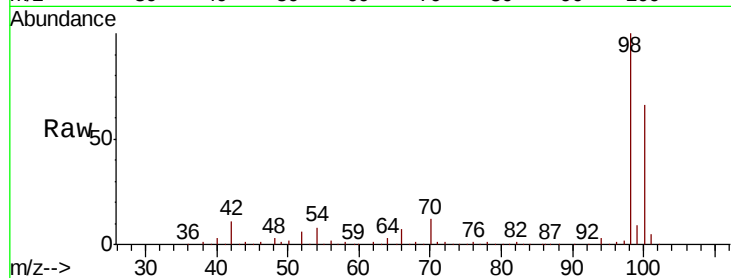
VX1004MBL01

Tot Ion: 98 Resp: 354522

Ion Ratio Lower Upper

98 100

100 66.6 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

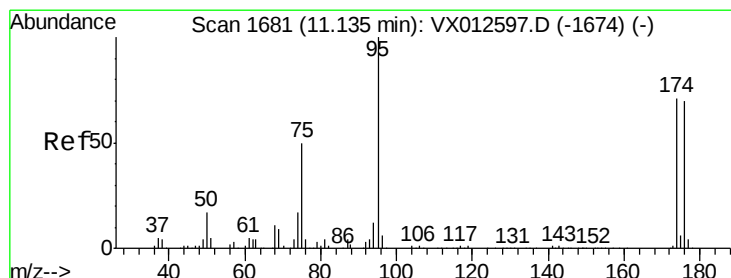
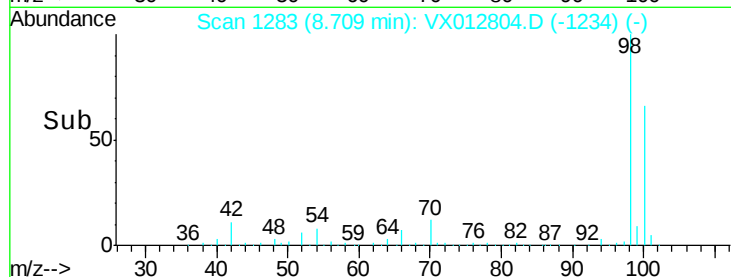
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 42.613 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012804.D

Acq: 04 Oct 2019 12:18

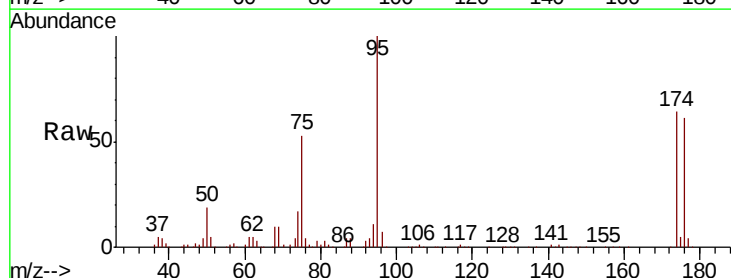
Tgt Ion: 95 Resp: 115482

Ion Ratio Lower Upper

95 100

174 71.3 0.0 140.0

176 67.3 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

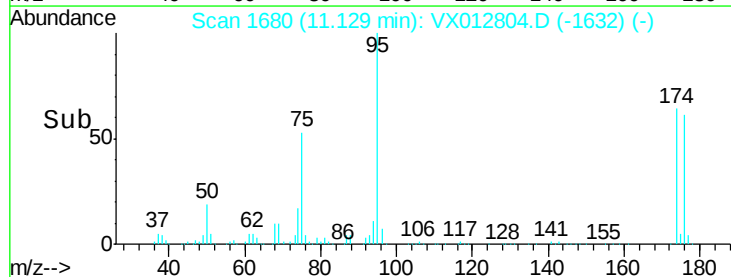
60000

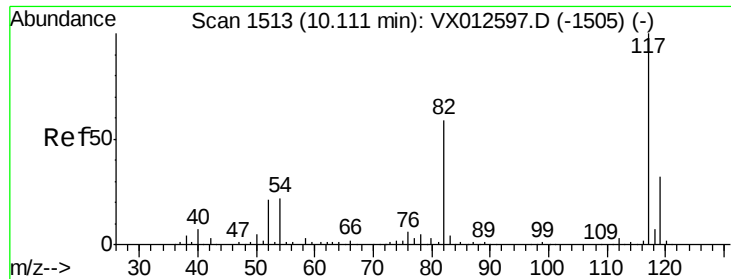
40000

20000

0

Time--> 11.05 11.10 11.15 11.20

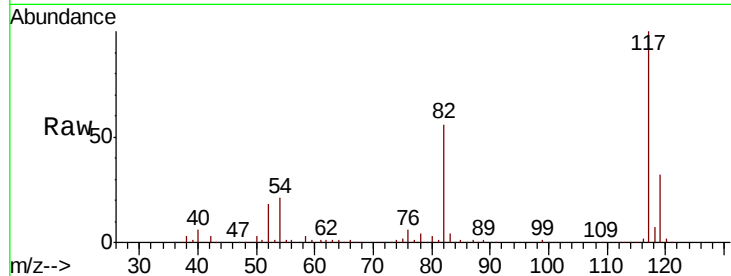




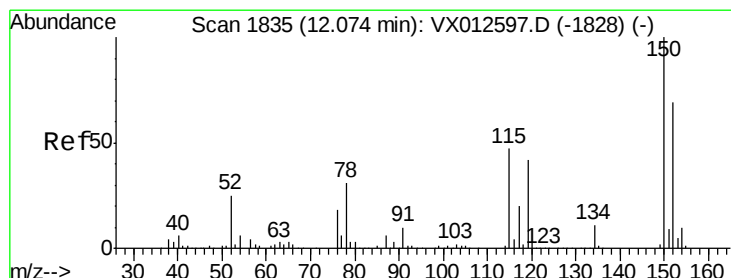
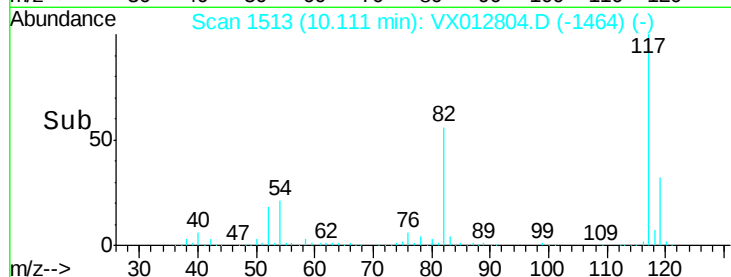
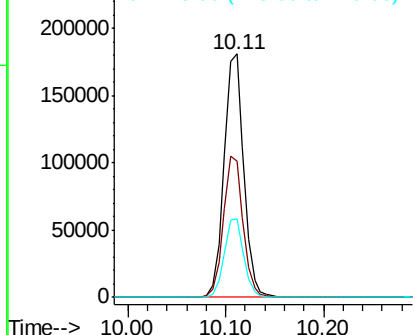
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012804.D
Acq: 04 Oct 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

Tot Ion:117 Resp: 252967
Ion Ratio Lower Upper
117 100
82 56.0 45.9 68.9
119 32.4 25.3 37.9

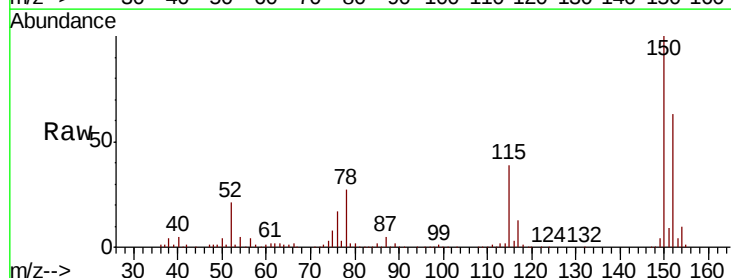


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012804.D
Acq: 04 Oct 2019 12:18

Tgt Ion:152 Resp: 91367
Ion Ratio Lower Upper
152 100
115 63.5 44.1 132.3
150 159.2 0.0 343.8



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

