

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102819\
 Data File : VX013250.D
 Acq On : 28 Oct 2019 16:11
 Operator : JC/SP
 Sample : K5569-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-102519

Quant Time: Oct 29 15:00:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	71947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	108952	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	105353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	67080	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	78844	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
35) Dibromofluoromethane	5.48	113	59717	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	8.71	98	211917	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
62) 4-Bromofluorobenzene	11.13	95	78966	44.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.62%	

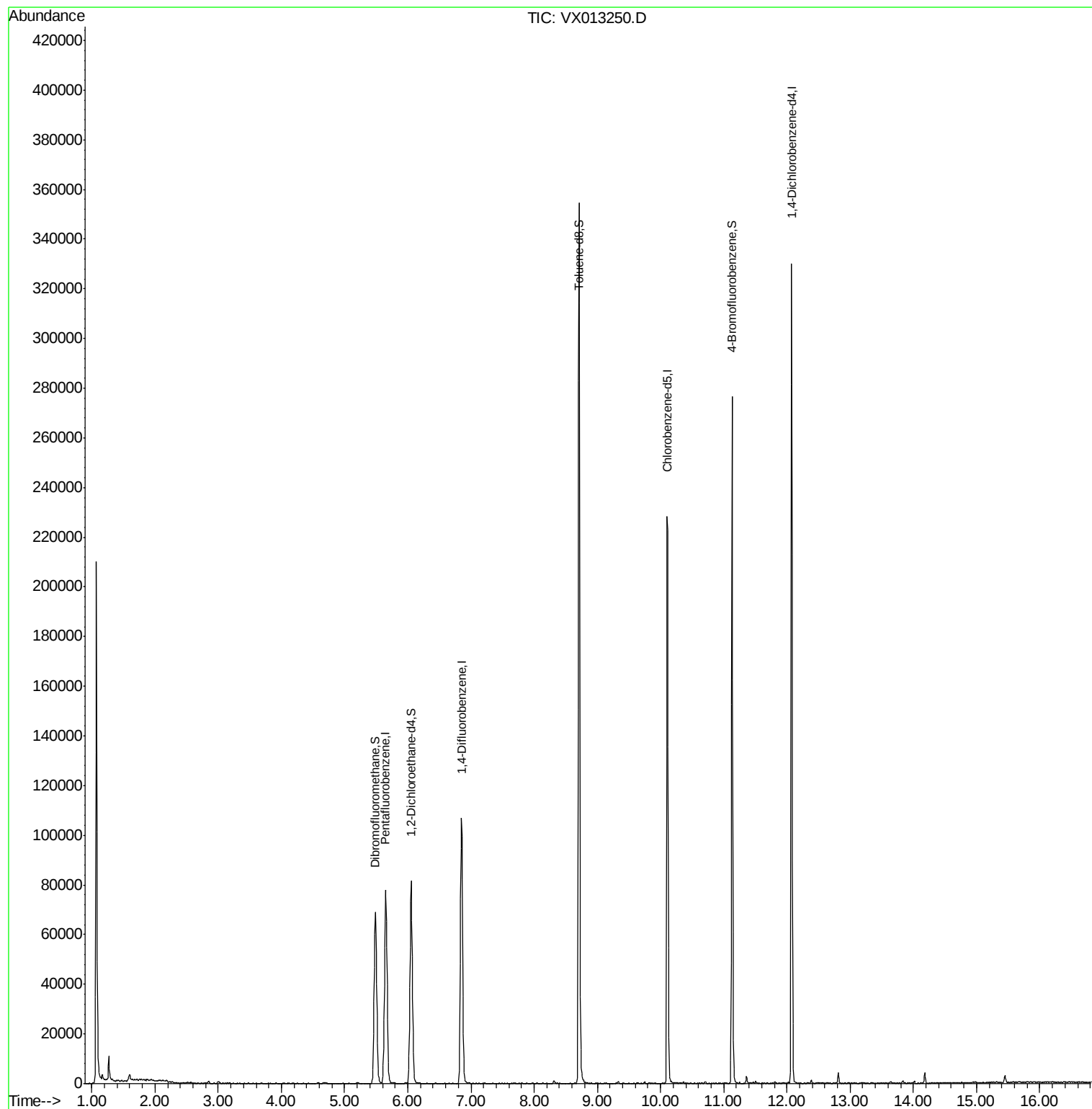
Target Compounds	Qvalue

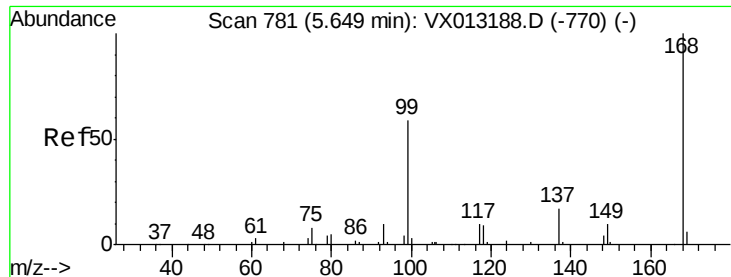
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 24 03:56:38 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013250.D

Acq: 28 Oct 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

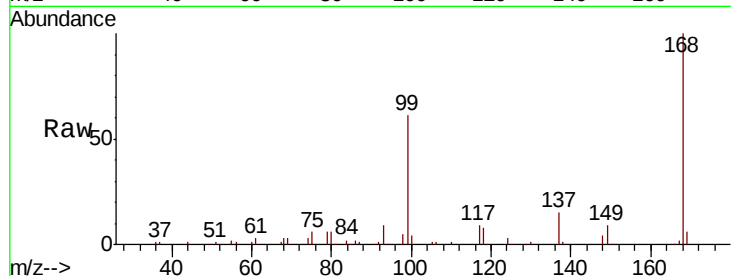
TB-01-102519

Tot Ion:168 Resp: 71947

Ion Ratio Lower Upper

168 100

99 60.9 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

30000

25000

20000

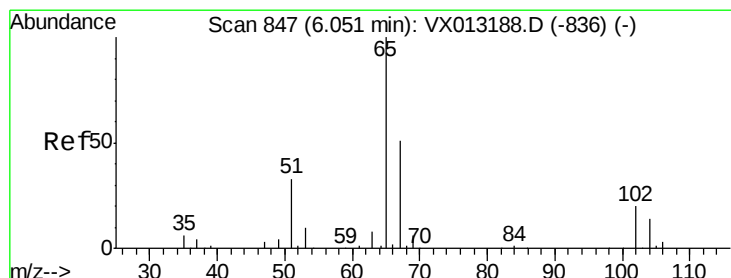
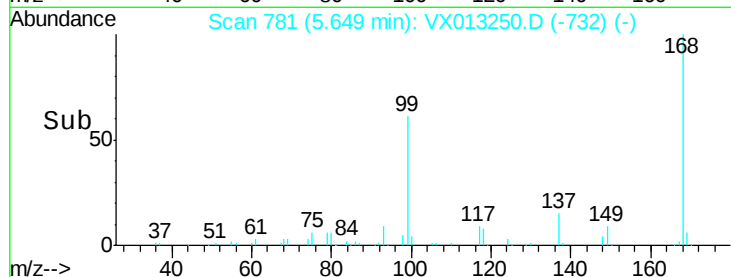
15000

10000

5000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.395 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013250.D

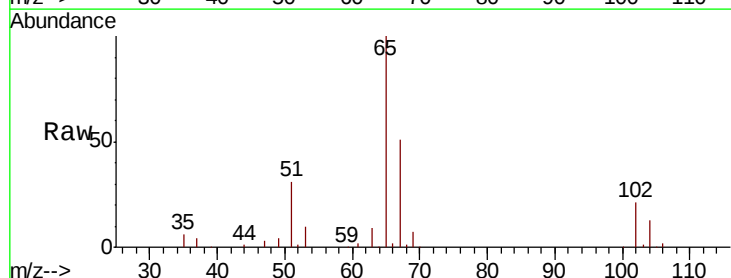
Acq: 28 Oct 2019 16:11

Tgt Ion: 65 Resp: 78844

Ion Ratio Lower Upper

65 100

67 49.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

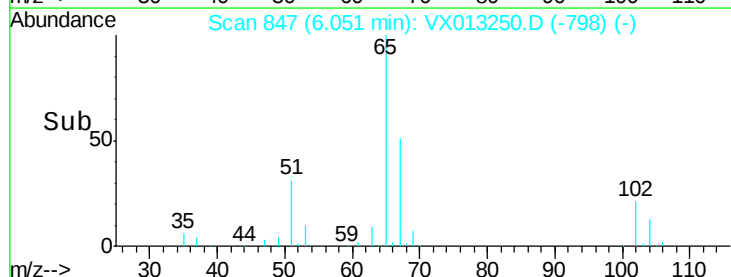
30000

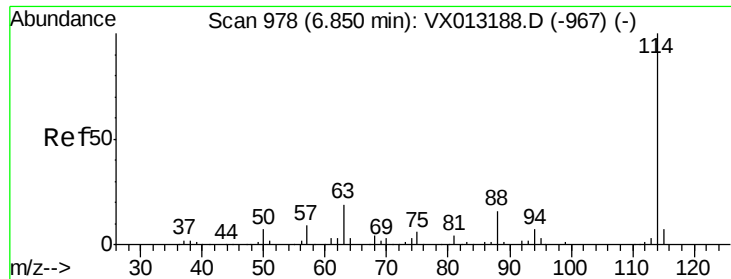
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

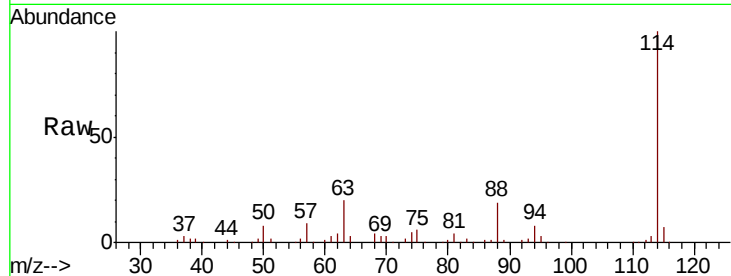




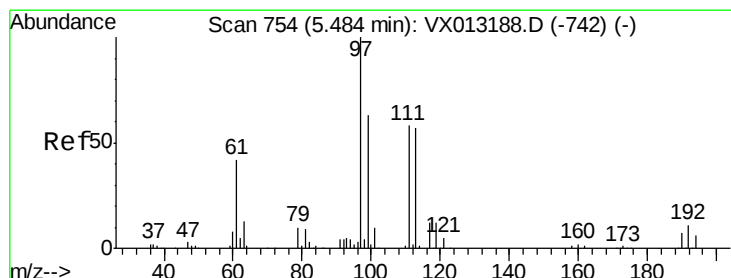
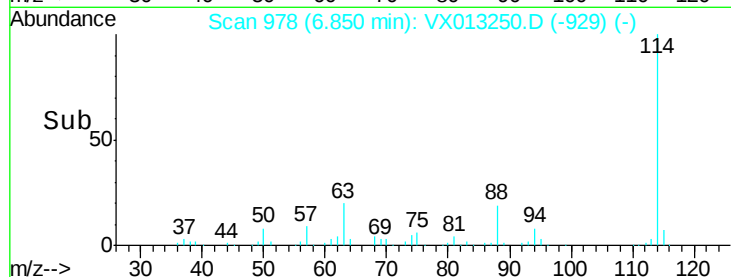
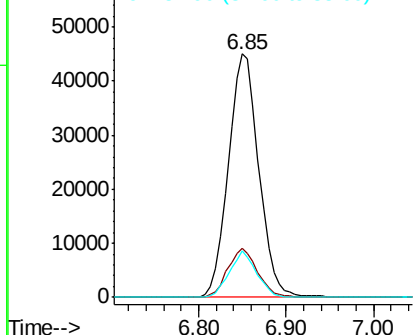
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013250.D
 Acq: 28 Oct 2019 16:11

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-102519

Tot Ion:114 Resp: 108952
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.0
 88 19.2 0.0 32.0

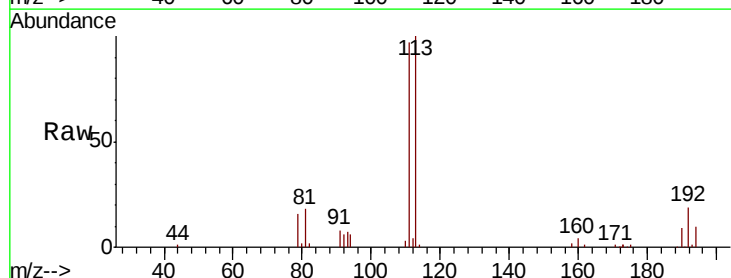


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

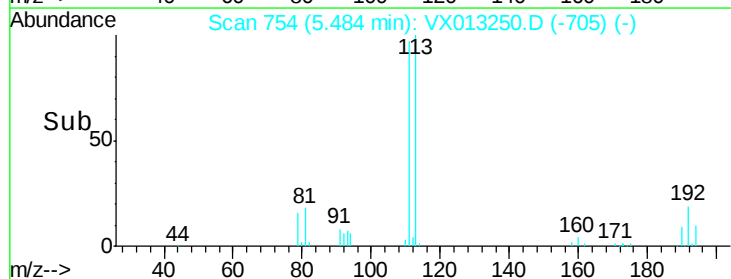
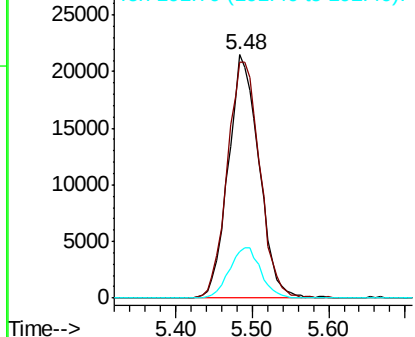


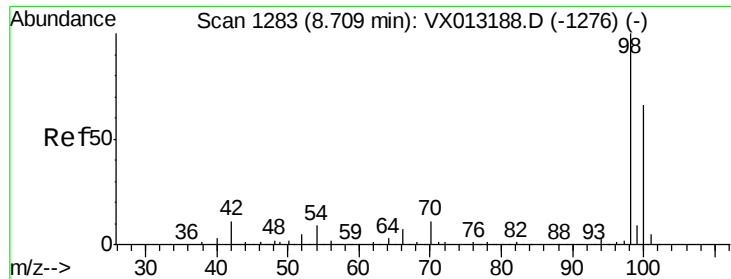
#35
 Dibromofluoromethane
 Concen: 49.151 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX013250.D
 Acq: 28 Oct 2019 16:11

Tgt Ion:113 Resp: 59717
 Ion Ratio Lower Upper
 113 100
 111 102.4 80.3 120.5
 192 21.2 15.9 23.9



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: 47.066 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013250.D

Acq: 28 Oct 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

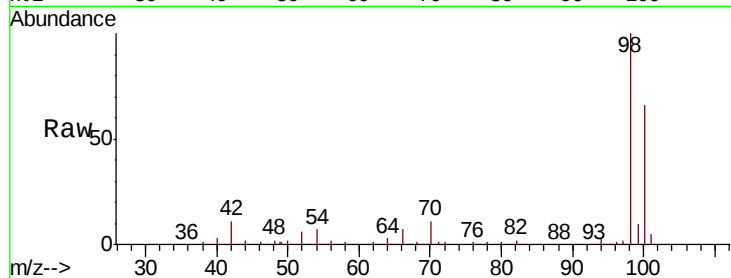
TB-01-102519

Tot Ion: 98 Resp: 211917

Ion Ratio Lower Upper

98 100

100 66.8 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

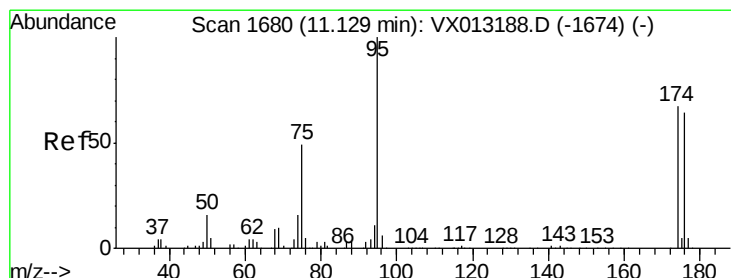
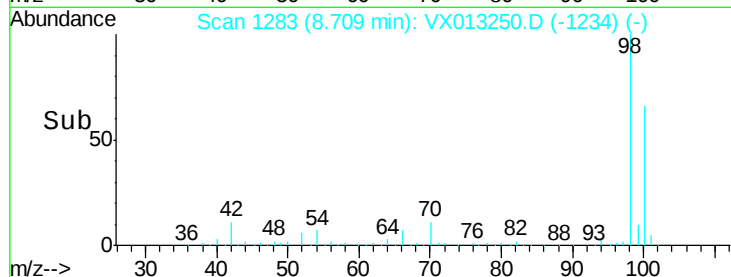
150000

100000

50000

0

Time--> 8.60 8.65 8.70 8.75 8.80



#62

4-Bromofluorobenzene

Concen: 44.310 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013250.D

Acq: 28 Oct 2019 16:11

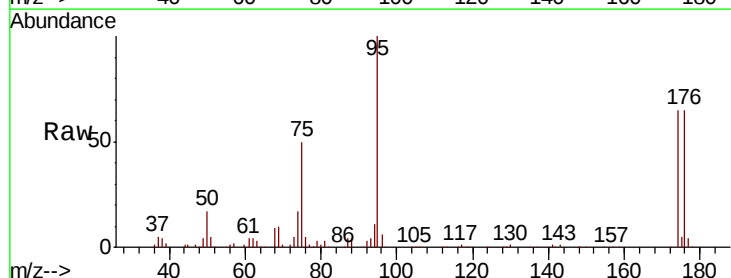
Tgt Ion: 95 Resp: 78966

Ion Ratio Lower Upper

95 100

174 76.1 0.0 152.4

176 75.1 0.0 146.0



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

80000

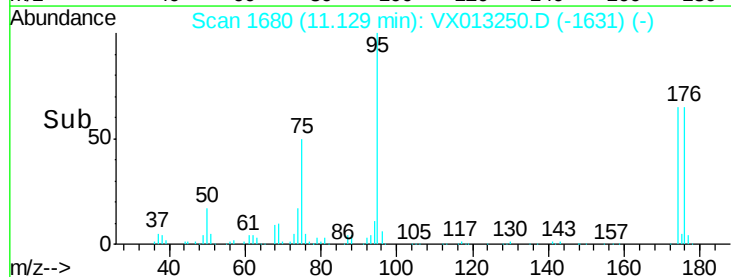
60000

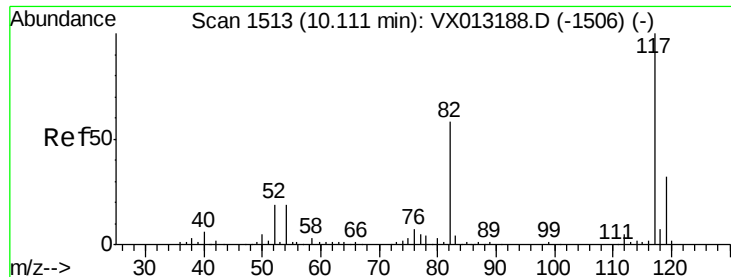
40000

20000

0

Time--> 11.10 11.20

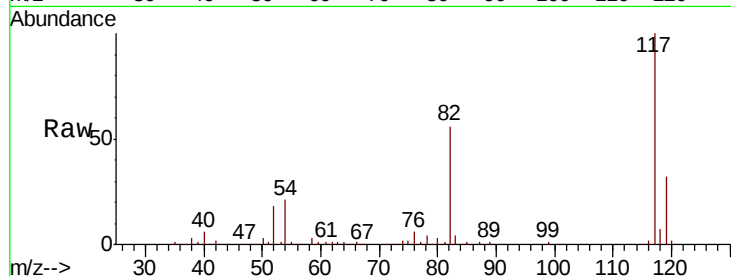




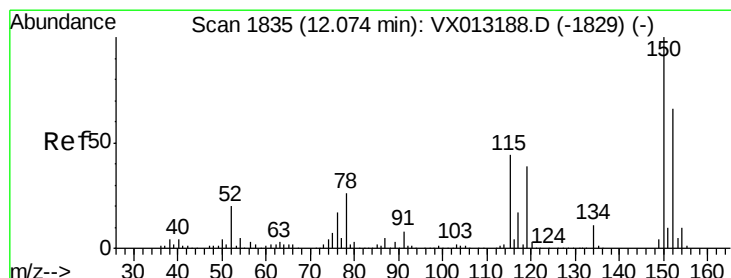
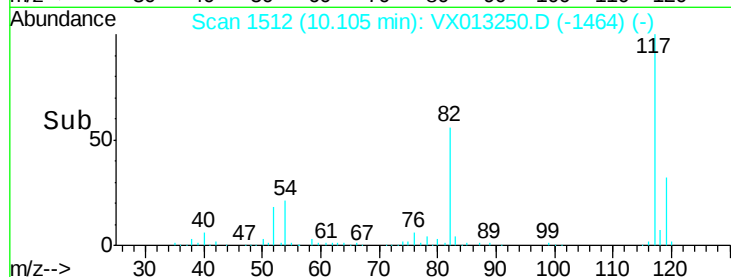
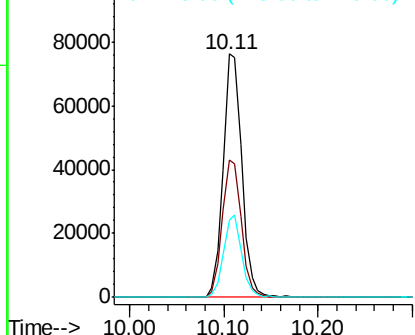
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013250.D
Acq: 28 Oct 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
TB-01-102519

Tot Ion:117 Resp: 105353
Ion Ratio Lower Upper
117 100
82 56.4 46.5 69.7
119 32.0 25.2 37.8

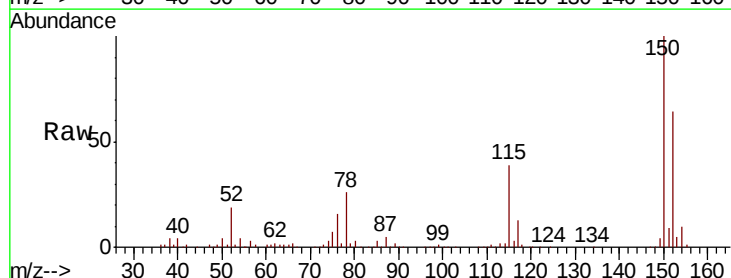


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013250.D
Acq: 28 Oct 2019 16:11

Tgt Ion:152 Resp: 67080
Ion Ratio Lower Upper
152 100
115 61.0 46.6 139.8
150 153.4 0.0 354.0



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

