

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102519\
 Data File : VX013220.D
 Acq On : 25 Oct 2019 10:56
 Operator : JC/SP
 Sample : VX1025WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBL02

Quant Time: Oct 25 22:21:43 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	77326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	109802	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	107382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	63880	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	88716	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	
35) Dibromofluoromethane	5.48	113	66558	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	
50) Toluene-d8	8.71	98	240910	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
62) 4-Bromofluorobenzene	11.13	95	90481	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

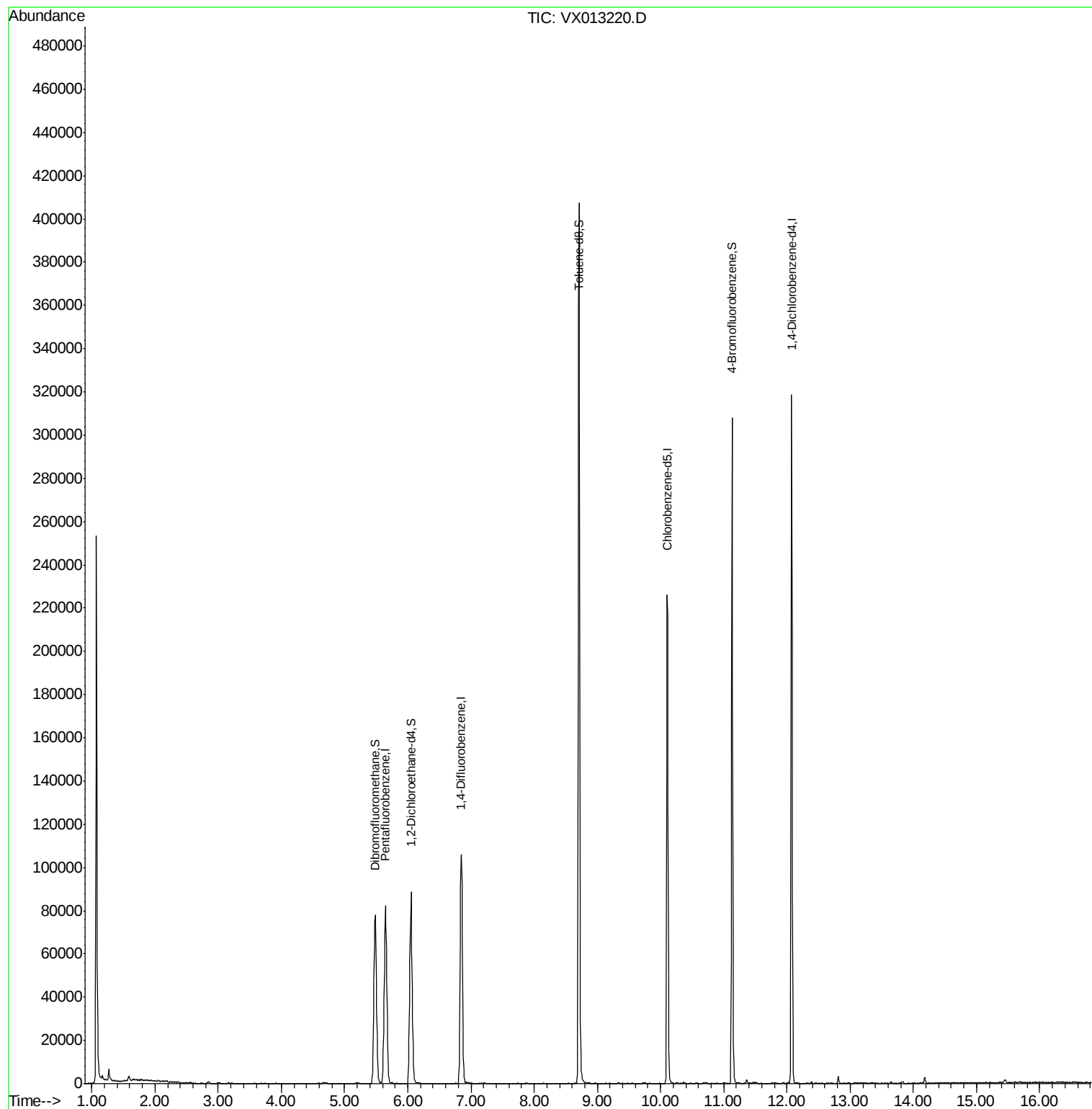
Target Compounds	Qvalue

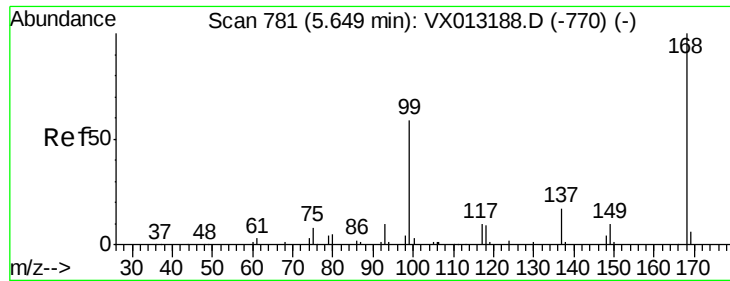
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013220.D

Acq: 25 Oct 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

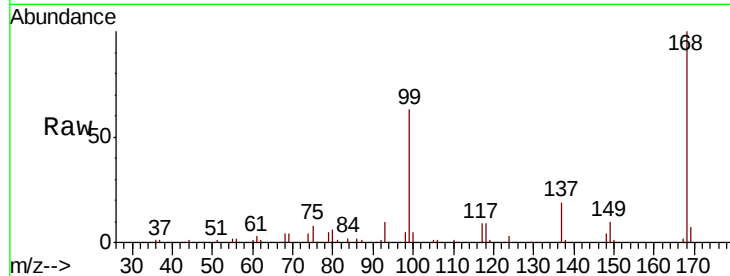
VX1025WBL02

Tot Ion:168 Resp: 77326

Ion Ratio Lower Upper

168 100

99 62.6 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

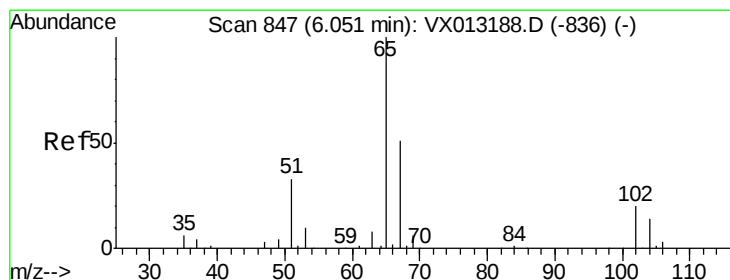
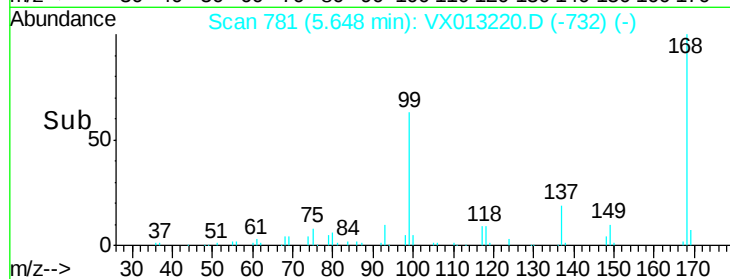
10000

5000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 54.854 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013220.D

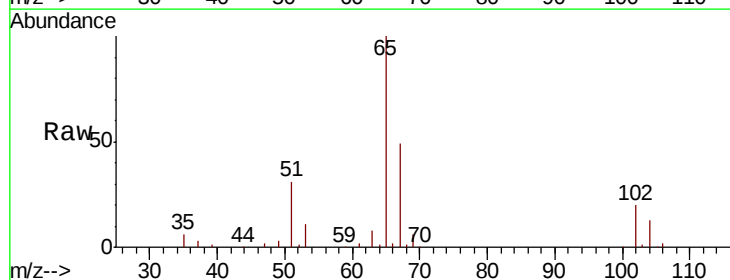
Acq: 25 Oct 2019 10:56

Tgt Ion: 65 Resp: 88716

Ion Ratio Lower Upper

65 100

67 49.3 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

40000

30000

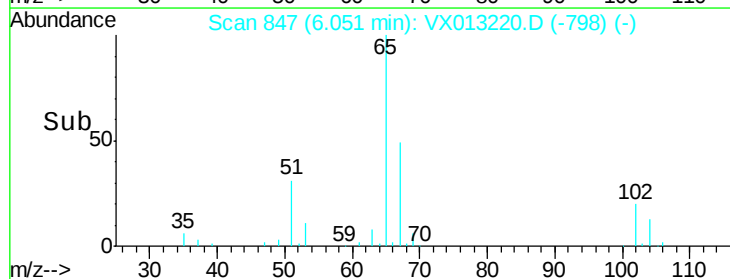
20000

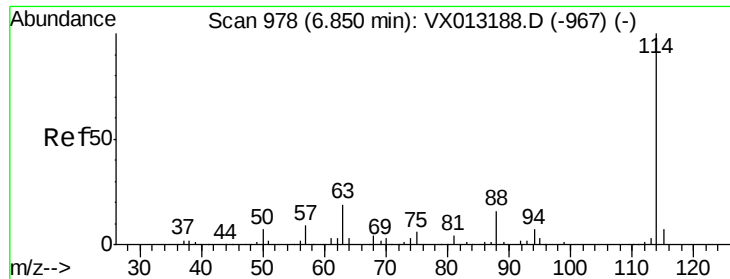
10000

0

Time-->

6.00 6.10 6.20

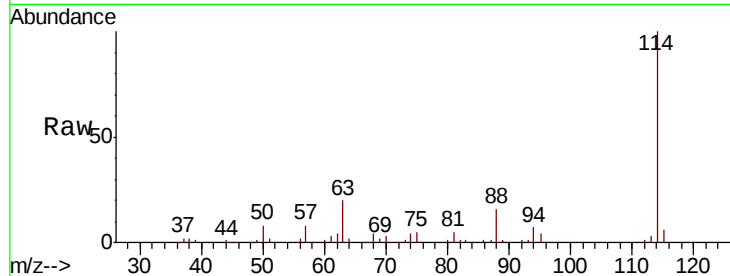




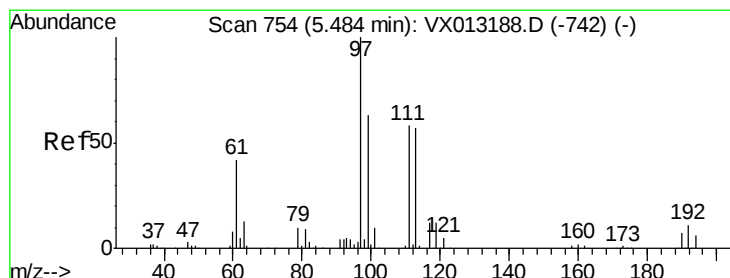
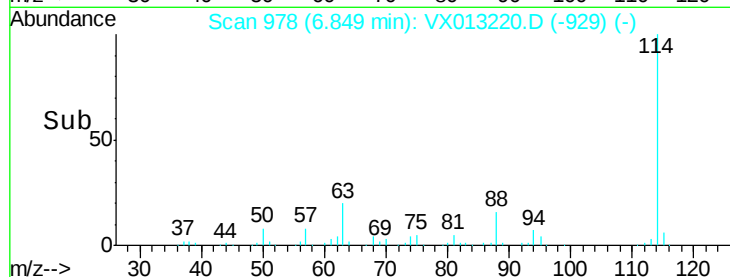
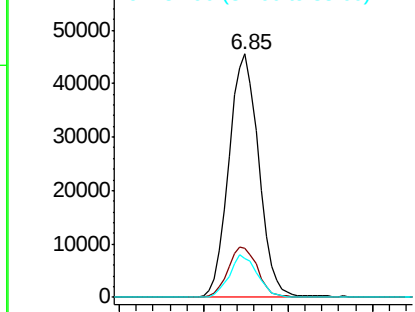
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013220.D
 Acq: 25 Oct 2019 10:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBL02

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.0
88	16.1	0.0	32.0

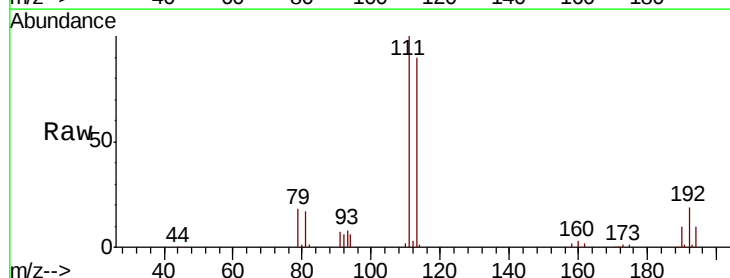


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

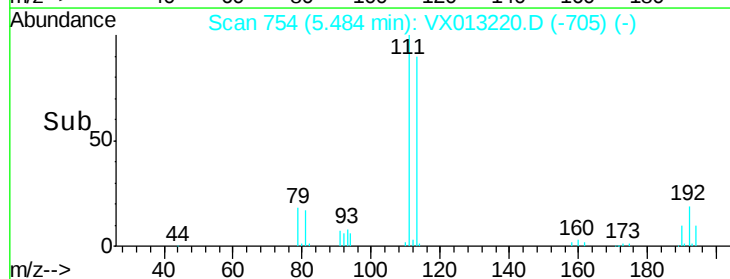
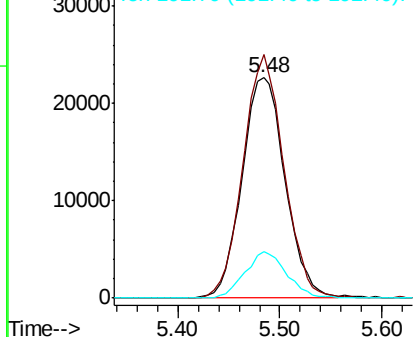


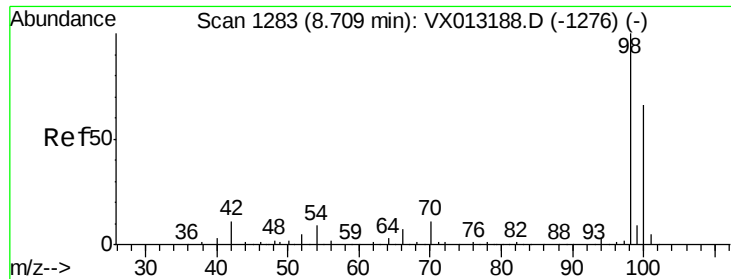
#35
 Dibromofluoromethane
 Concen: 54.357 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013220.D
 Acq: 25 Oct 2019 10:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.8	80.3	120.5
192	20.4	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: 53.091 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013220.D

Acq: 25 Oct 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

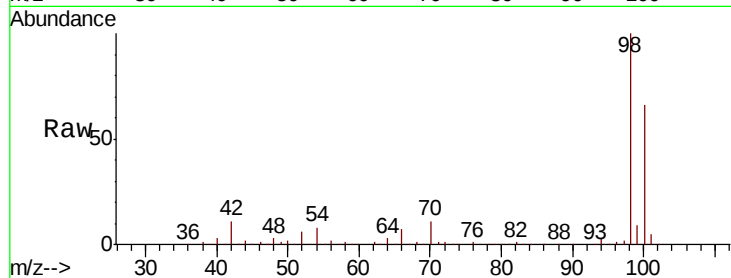
VX1025WBL02

Tot Ion: 98 Resp: 240910

Ion Ratio Lower Upper

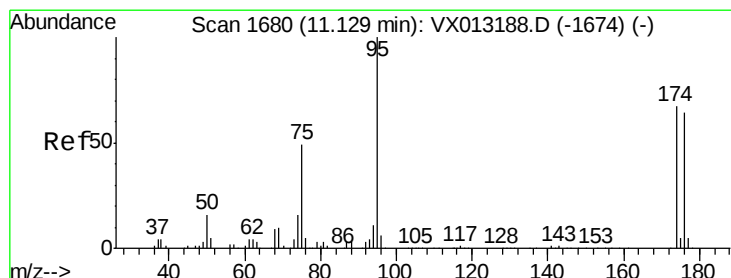
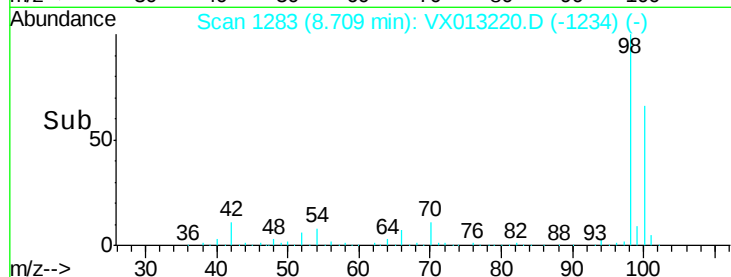
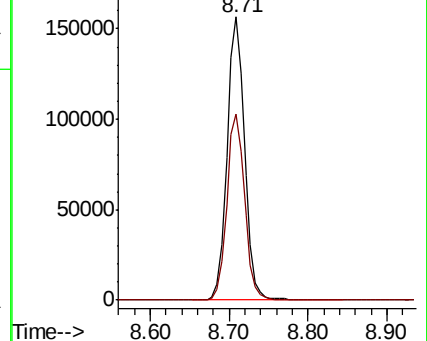
98 100

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



#62

4-Bromofluorobenzene

Concen: 50.378 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013220.D

Acq: 25 Oct 2019 10:56

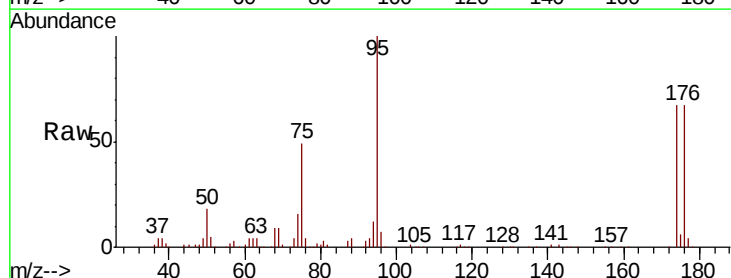
Tgt Ion: 95 Resp: 90481

Ion Ratio Lower Upper

95 100

174 75.9 0.0 152.4

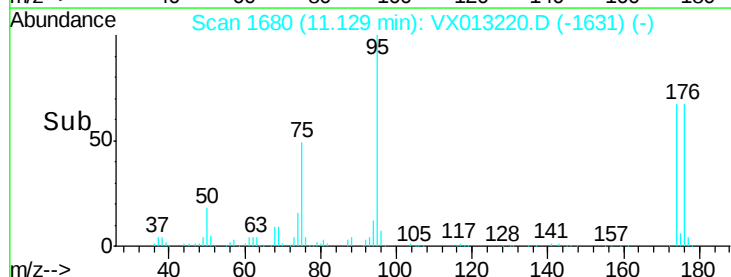
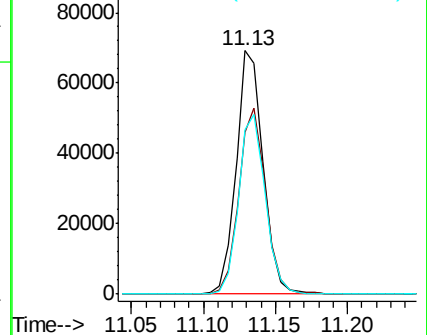
176 73.7 0.0 146.0

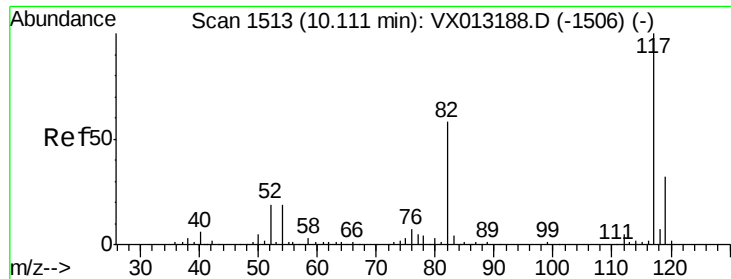


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

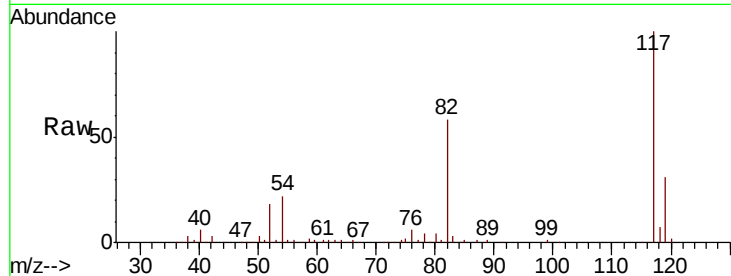




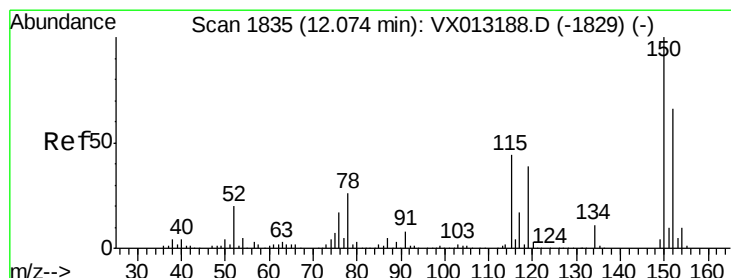
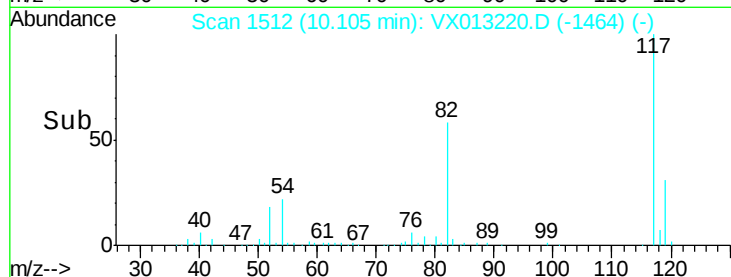
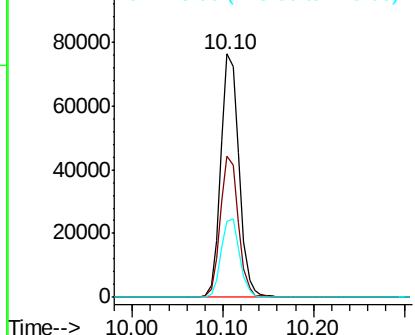
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013220.D
Acq: 25 Oct 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBL02

Tot Ion:117 Resp: 107382
Ion Ratio Lower Upper
117 100
82 57.9 46.5 69.7
119 31.1 25.2 37.8

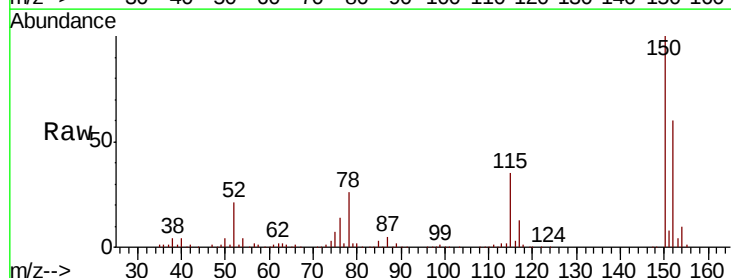


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013220.D
Acq: 25 Oct 2019 10:56

Tgt Ion:152 Resp: 63880
Ion Ratio Lower Upper
152 100
115 62.0 46.6 139.8
150 158.3 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

