

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052119\
 Data File : VX009747.D
 Acq On : 21 May 2019 15:00
 Operator : JC/SP
 Sample : K2974-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-TB-20190520

Quant Time: May 22 07:48:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	174716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	280723	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110559	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118430	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
35) Dibromofluoromethane	5.50	113	85532	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
50) Toluene-d8	8.71	98	357395	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
62) 4-Bromofluorobenzene	11.13	95	118396	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	

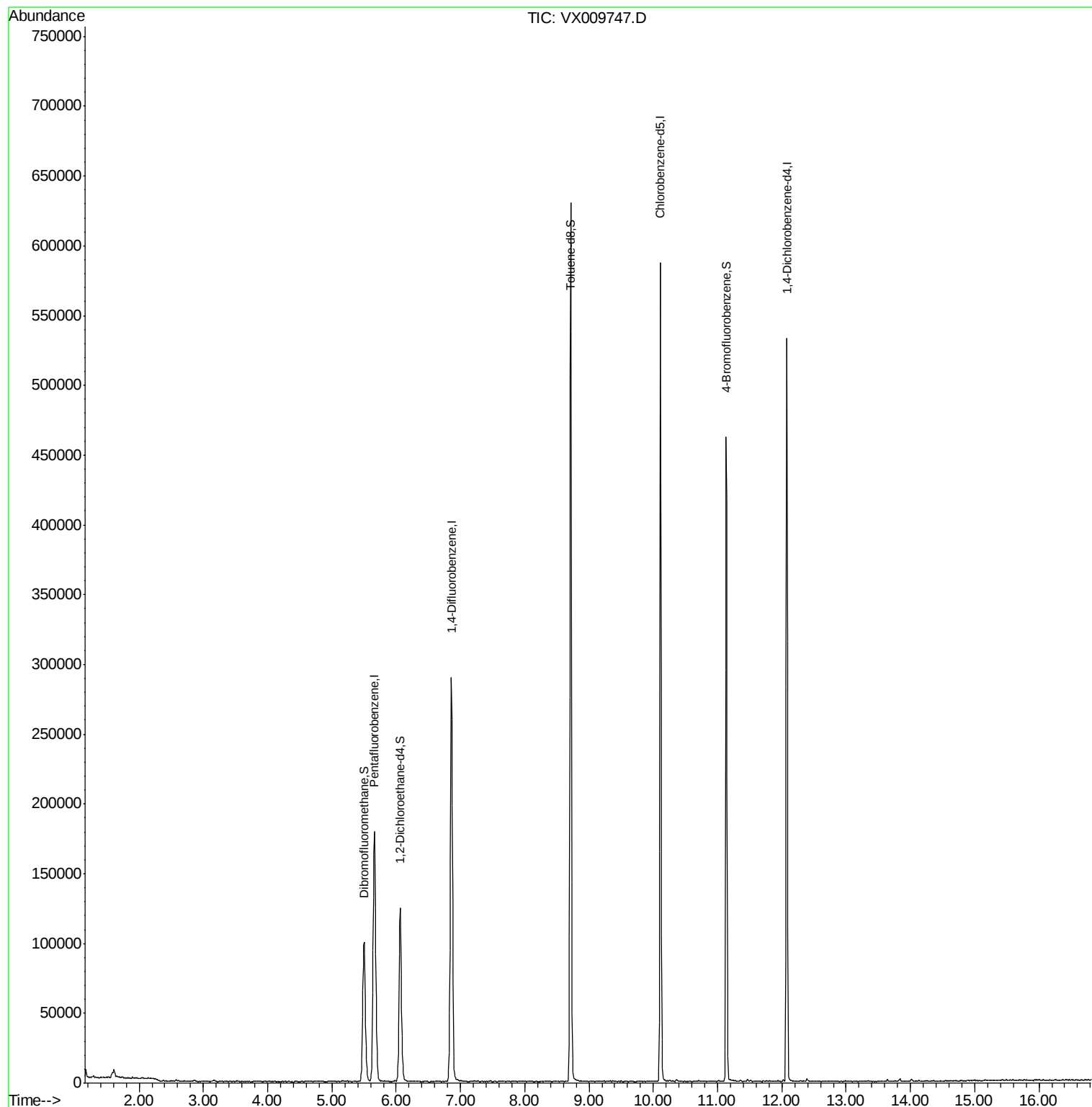
Target Compounds	Qvalue

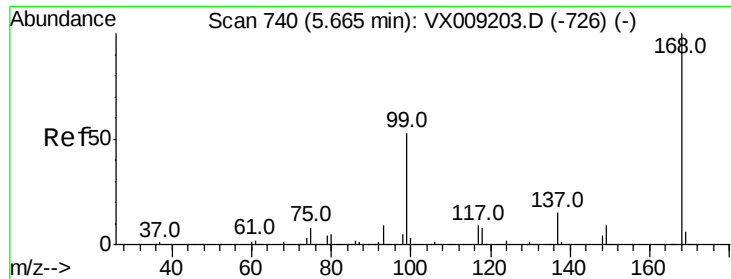
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009747.D

Acq: 21 May 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

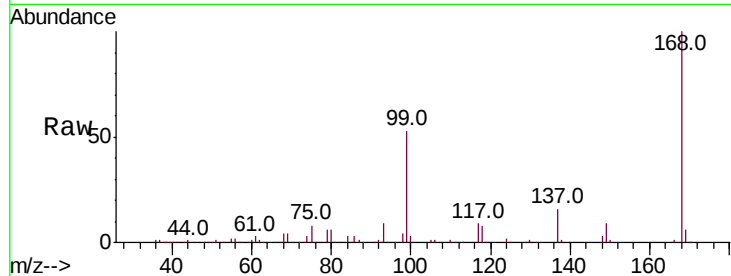
BP-VPB202-TB-20190520

Tot Ion:168 Resp: 174716

Ion Ratio Lower Upper

168 100

99 52.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

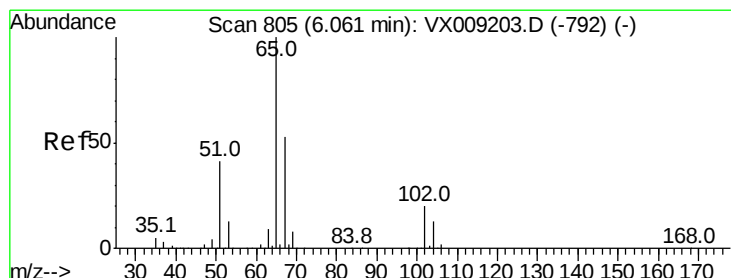
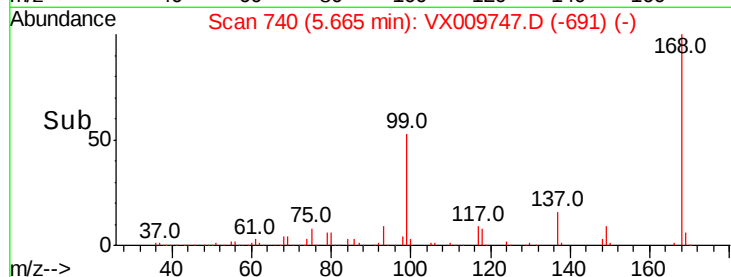
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.655 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009747.D

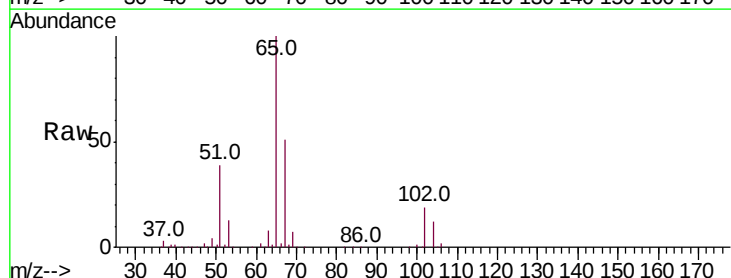
Acq: 21 May 2019 15:00

Tgt Ion: 65 Resp: 118430

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

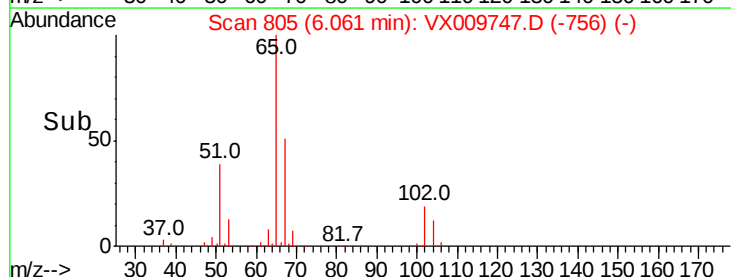
30000

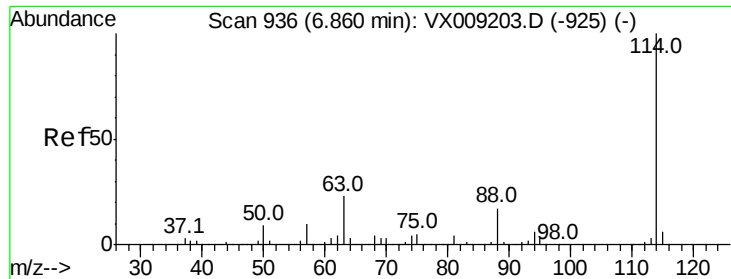
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

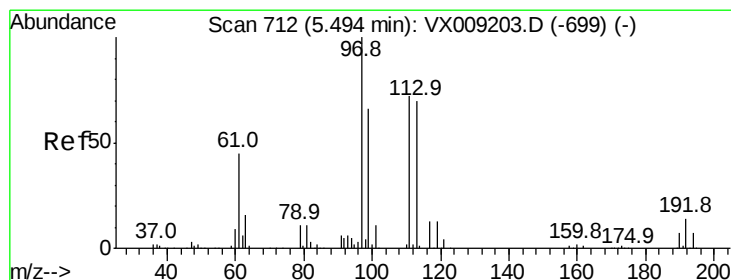
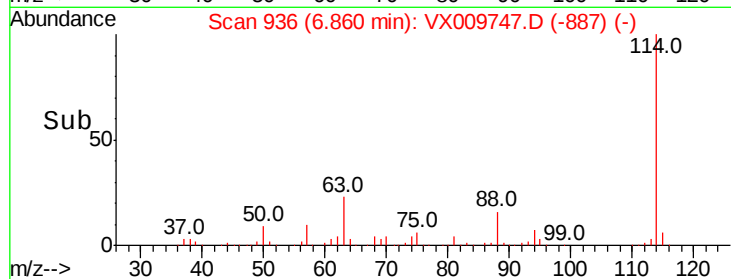
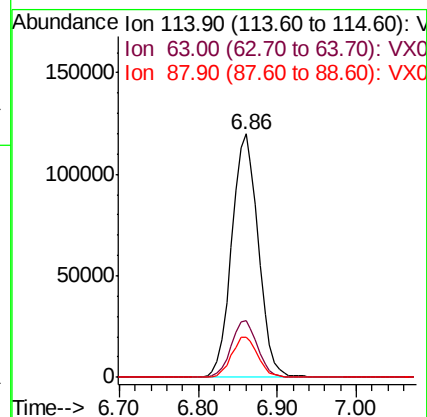
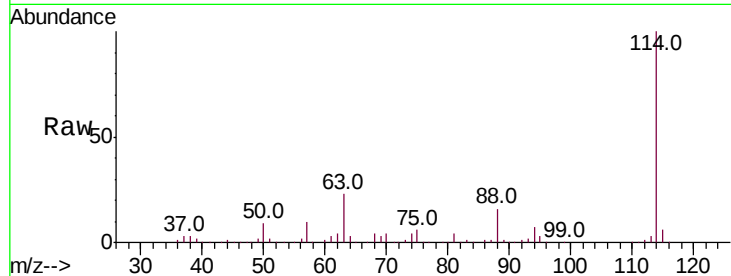




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009747.D
 Acq: 21 May 2019 15:00

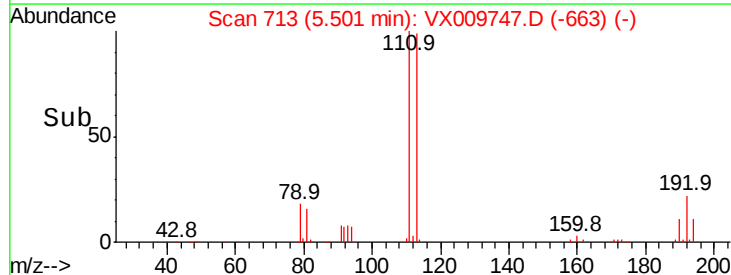
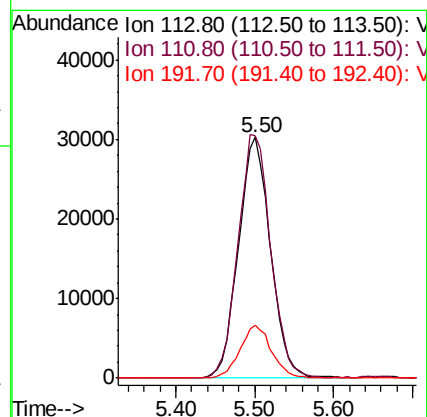
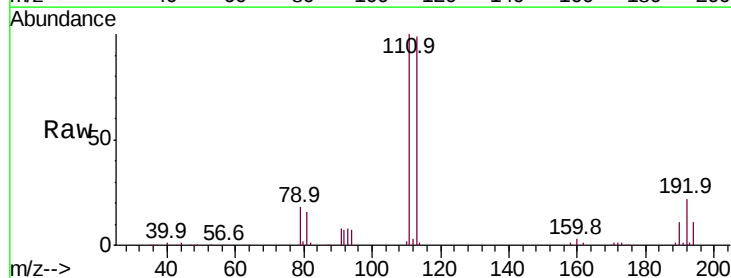
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-TB-20190520

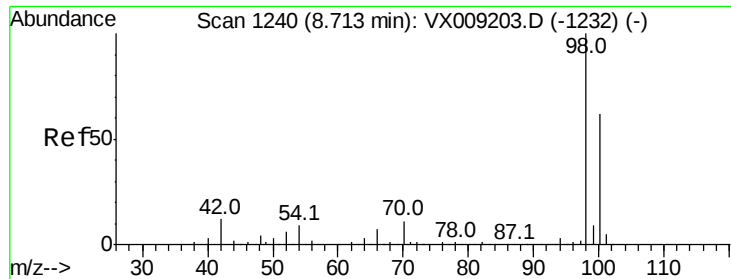
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	45.6
88	16.5	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 48.467 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009747.D
 Acq: 21 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.8	124.2
192	21.5	17.0	25.6

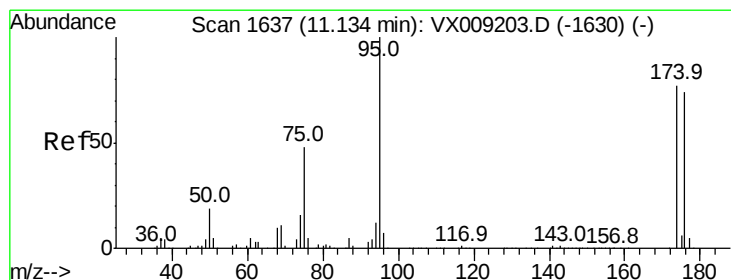
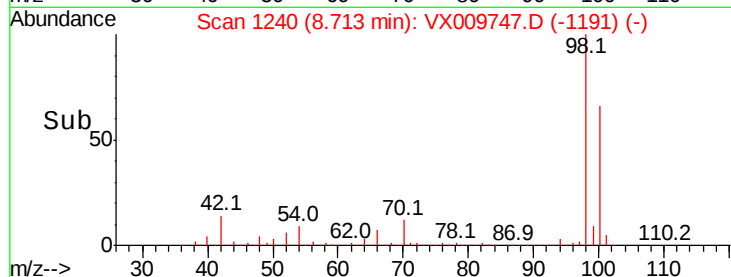
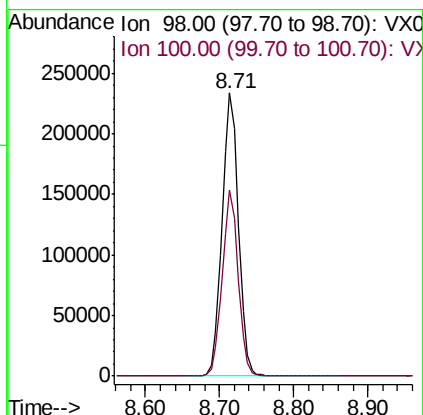
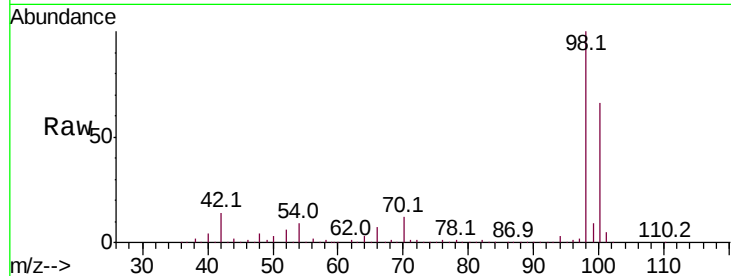




#50
Toluene-d8
Concen: 50.163 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009747.D
Acq: 21 May 2019 15:00

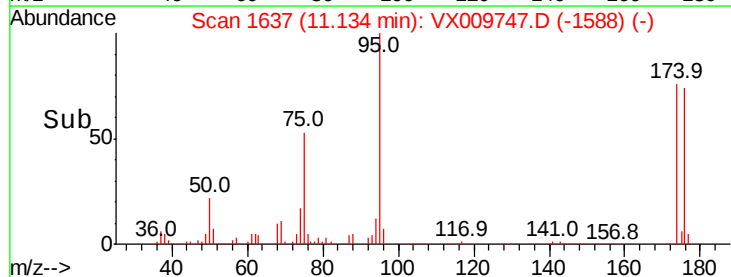
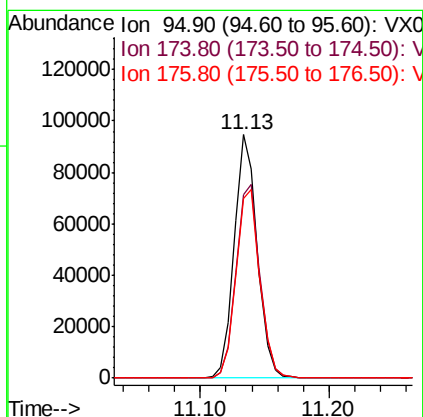
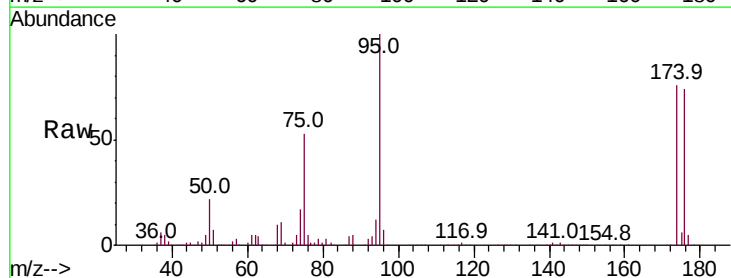
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-TB-20190520

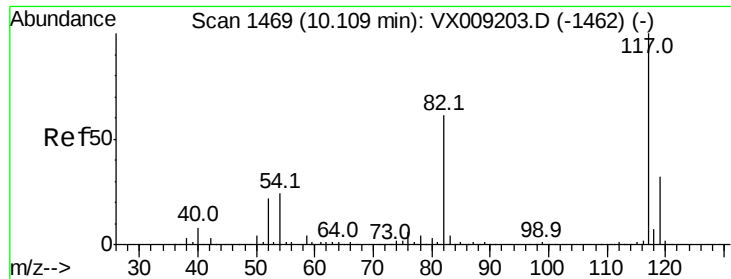
Tot Ion: 98 Resp: 357395
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 45.733 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009747.D
Acq: 21 May 2019 15:00

Tgt Ion: 95 Resp: 118396
Ion Ratio Lower Upper
95 100
174 82.4 0.0 161.6
176 79.9 0.0 159.2

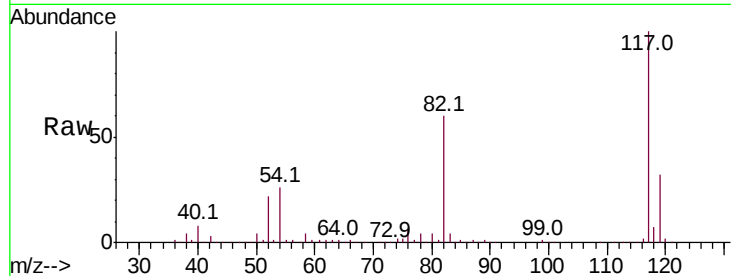




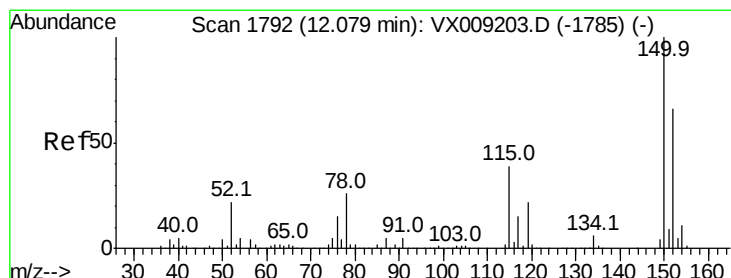
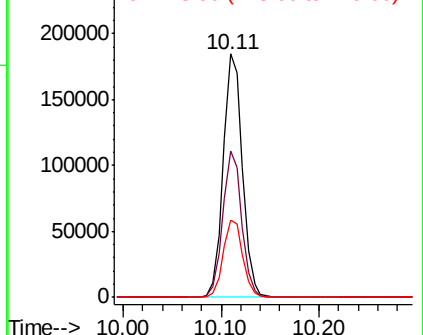
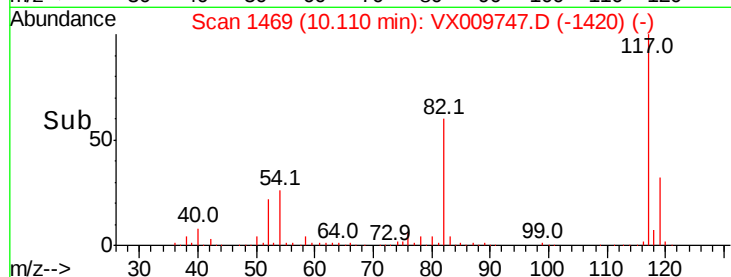
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009747.D
Acq: 21 May 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-TB-20190520

Tot Ion:117 Resp: 251106
Ion Ratio Lower Upper
117 100
82 60.3 48.8 73.2
119 31.7 25.8 38.6

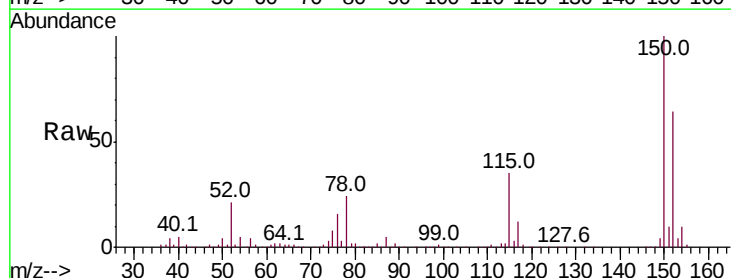


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009747.D
Acq: 21 May 2019 15:00

Tgt Ion:152 Resp: 110559
Ion Ratio Lower Upper
152 100
115 57.9 41.2 123.6
150 156.4 0.0 346.4



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

