

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051019\
 Data File : VX009487.D
 Acq On : 10 May 2019 17:42
 Operator : JC/SP
 Sample : K2786-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-TB-20190507

Quant Time: May 11 12:00:23 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	5.66	168	182093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	290083	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111448	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	118890	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
35) Dibromofluoromethane	5.50	113	87349	47.90	ug/l	0.00
Spiked Amount			Recovery	=	95.80%	
50) Toluene-d8	8.71	98	362269	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	11.13	95	121650	45.47	ug/l	0.00
Spiked Amount			Recovery	=	90.94%	

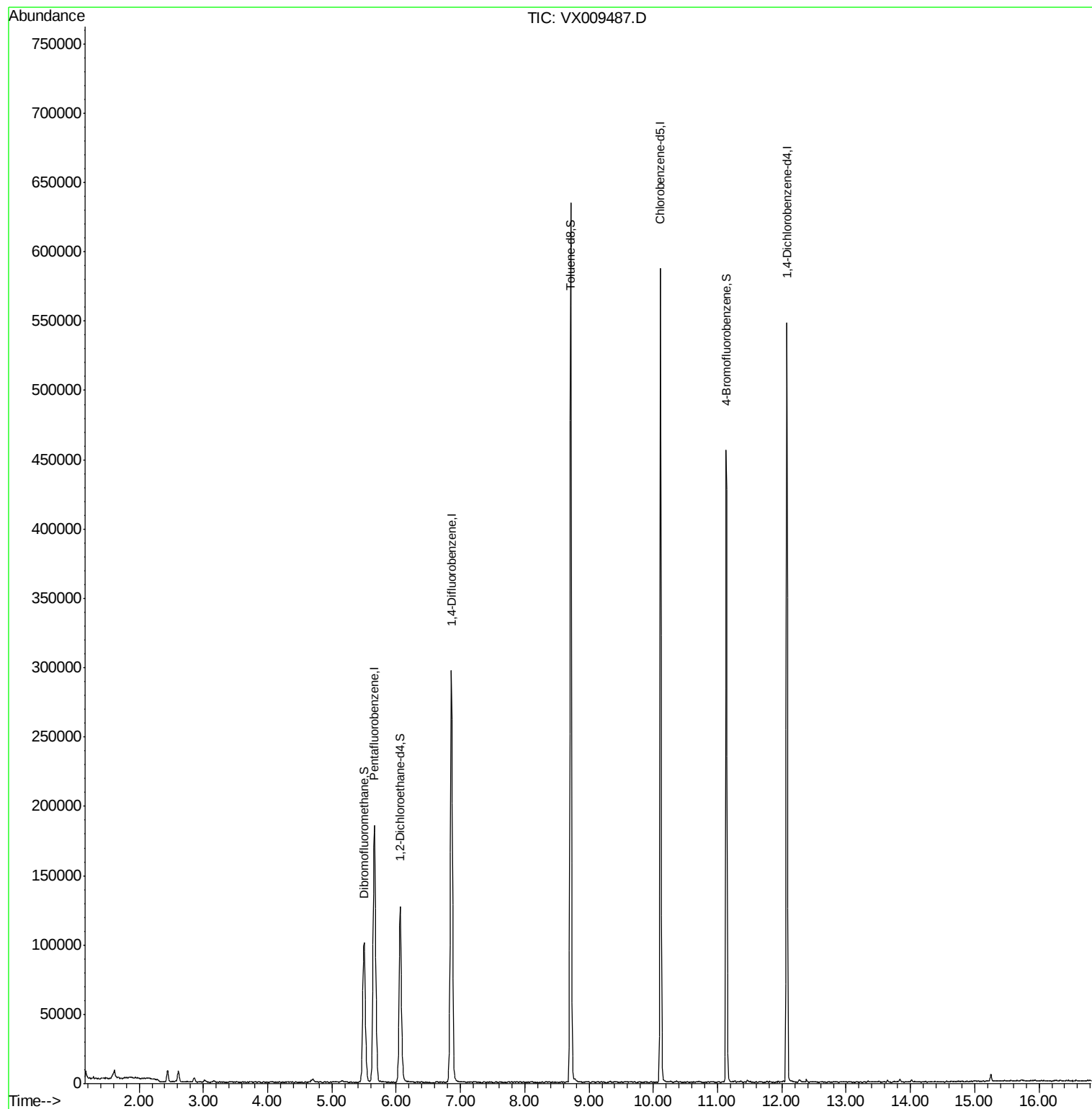
Target Compounds	Qvalue

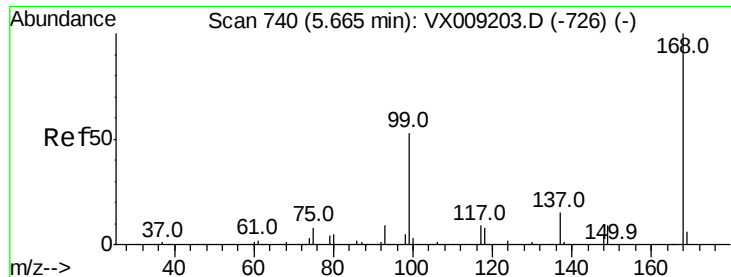
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009487.D

Acq: 10 May 2019 17:42

Instrument :

MSVOA_X

ClientSampleId :

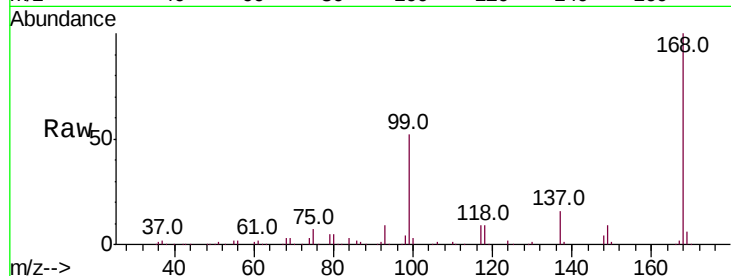
BP-VPB202-TB-20190507

Tot Ion:168 Resp: 182093

Ion Ratio Lower Upper

168 100

99 51.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

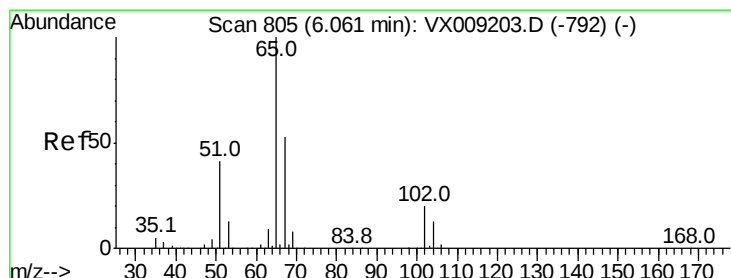
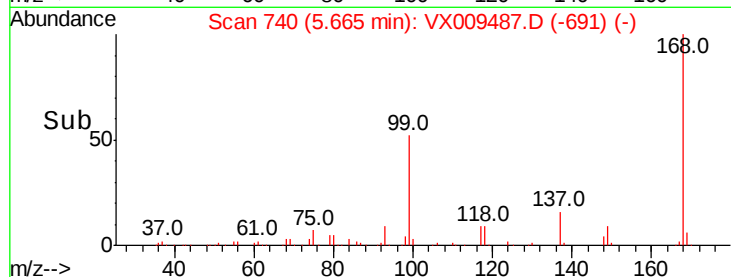
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.828 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009487.D

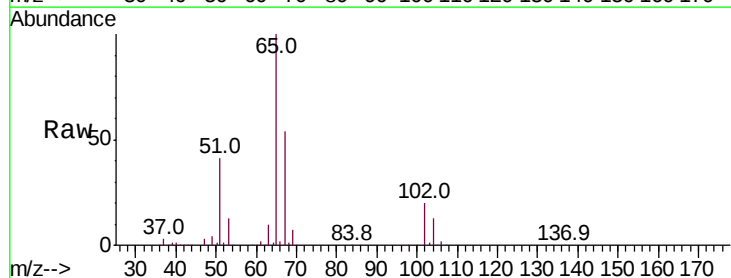
Acq: 10 May 2019 17:42

Tgt Ion: 65 Resp: 118890

Ion Ratio Lower Upper

65 100

67 53.0 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

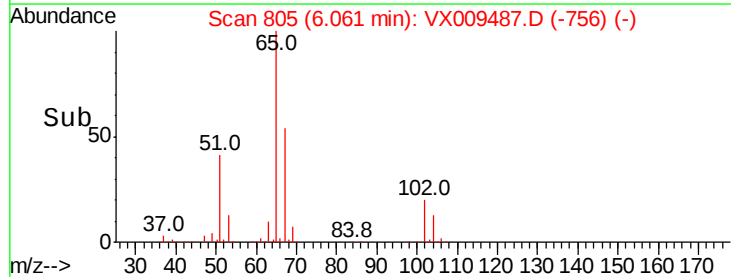
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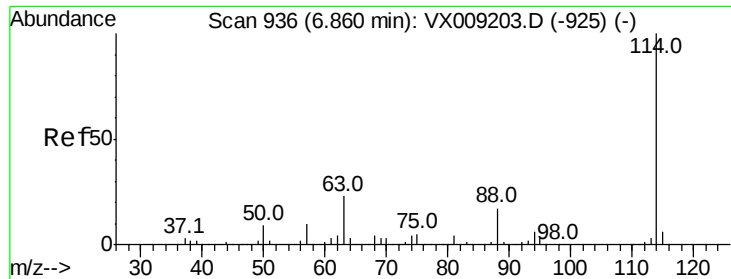
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0

Time-->

5.90 6.00 6.10 6.20 6.30

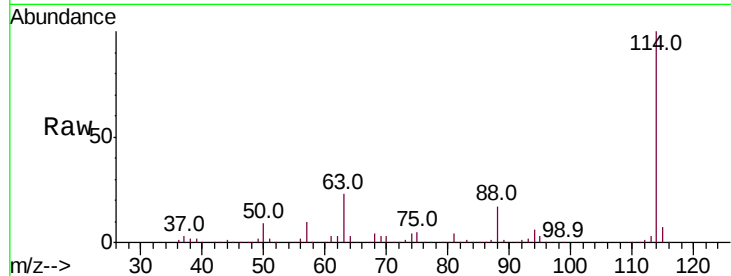




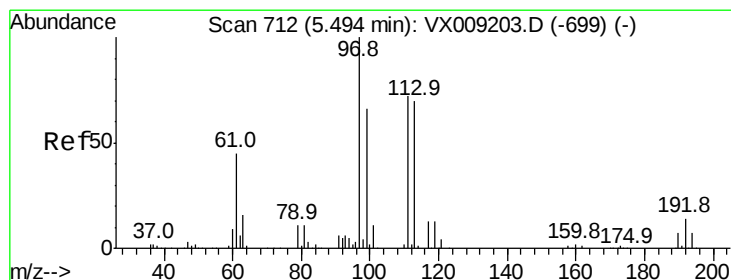
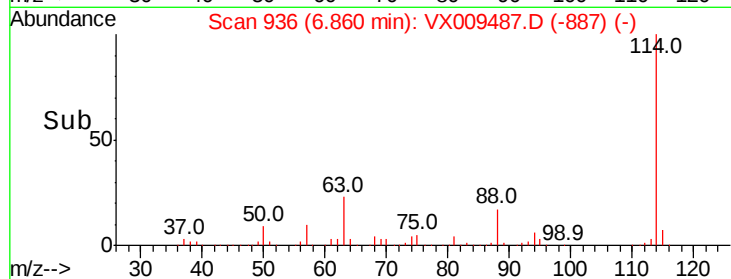
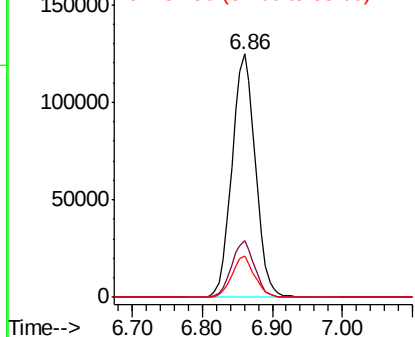
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009487.D
 Acq: 10 May 2019 17:42

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-TB-20190507

Tot Ion:114 Resp: 290083
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.6
 88 16.8 0.0 33.2

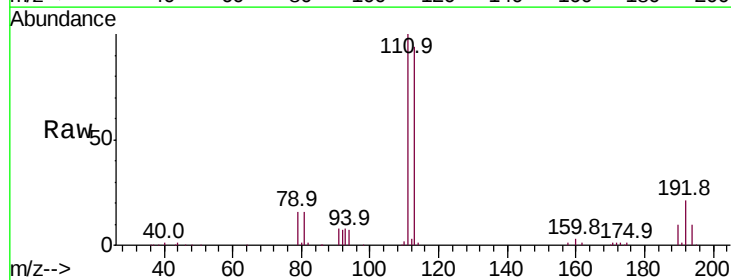


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

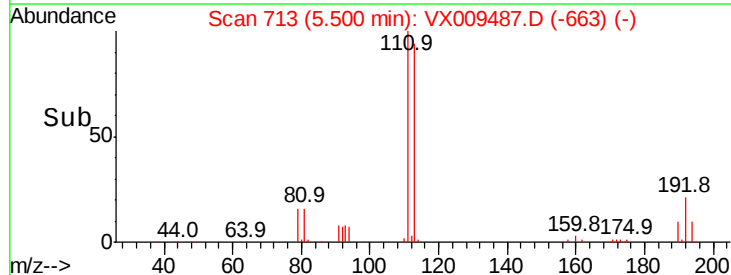
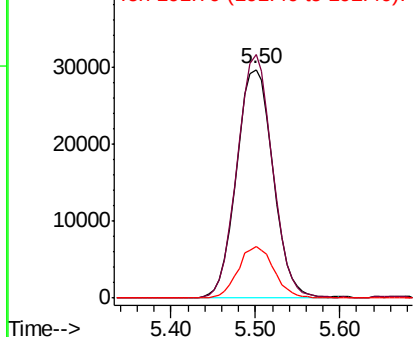


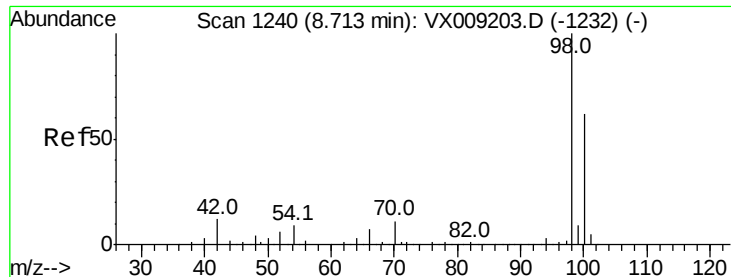
#35
 Dibromofluoromethane
 Concen: 47.900 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009487.D
 Acq: 10 May 2019 17:42

Tgt Ion:113 Resp: 87349
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.8 124.2
 192 22.0 17.0 25.6



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

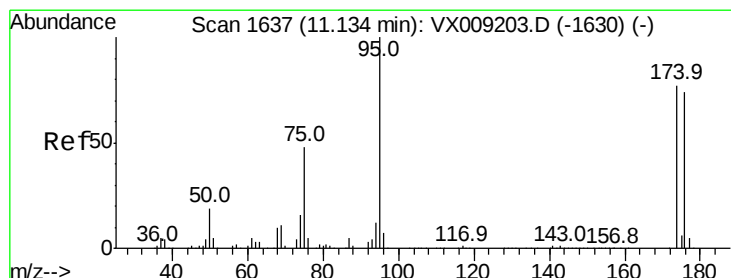
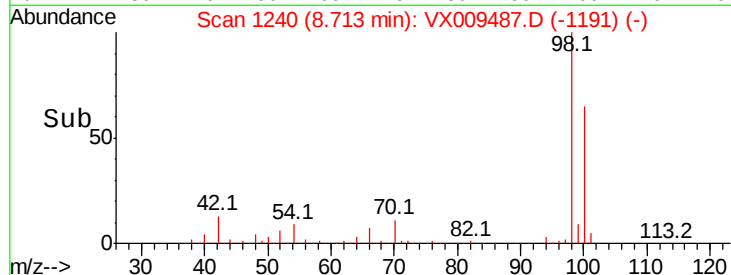
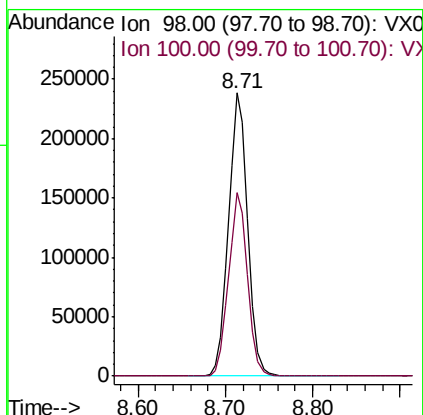
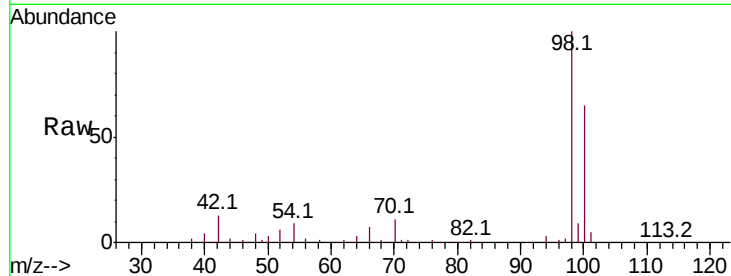




#50
Toluene-d8
Concen: 49.206 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009487.D
Acq: 10 May 2019 17:42

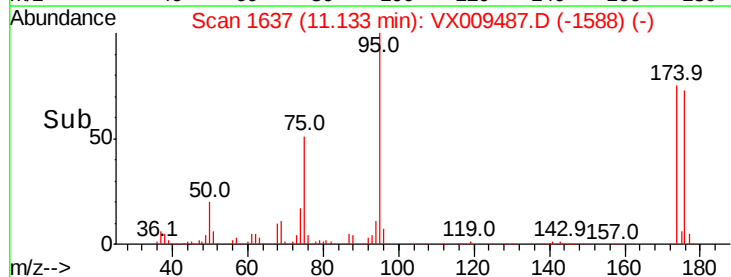
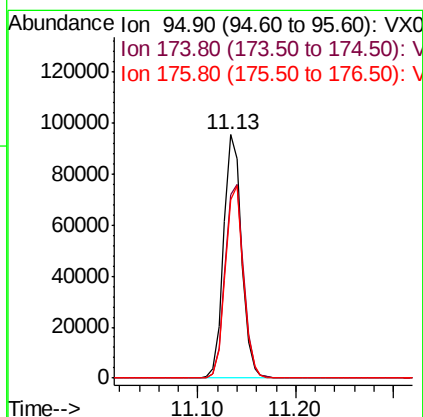
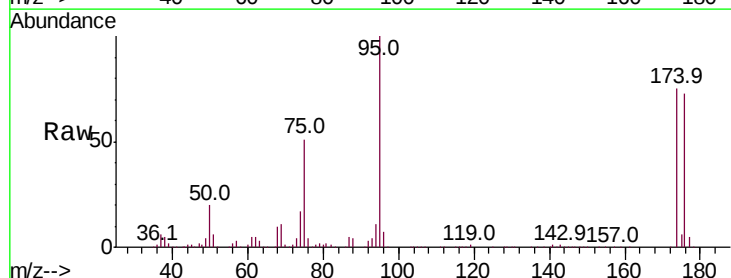
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ClientSampleId :
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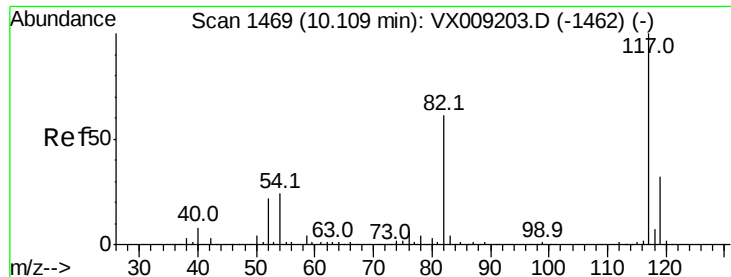
Tot Ion: 98 Resp: 362269
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 45.474 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009487.D
Acq: 10 May 2019 17:42

Tgt Ion: 95 Resp: 121650
Ion Ratio Lower Upper
95 100
174 82.6 0.0 161.6
176 79.7 0.0 159.2

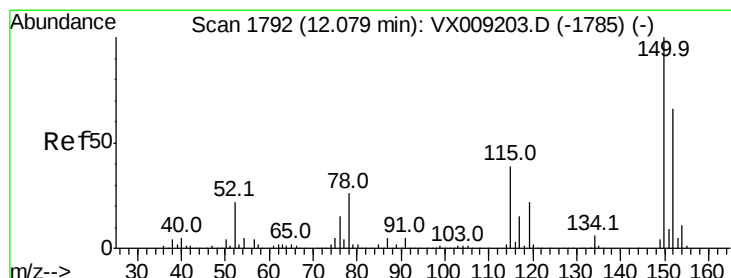
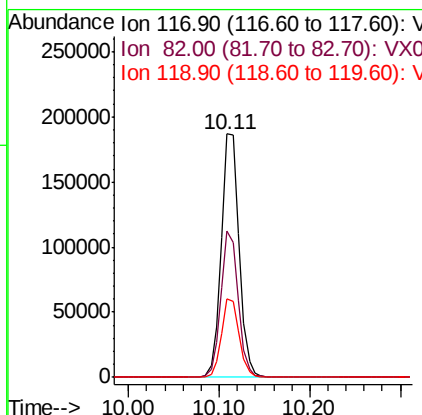
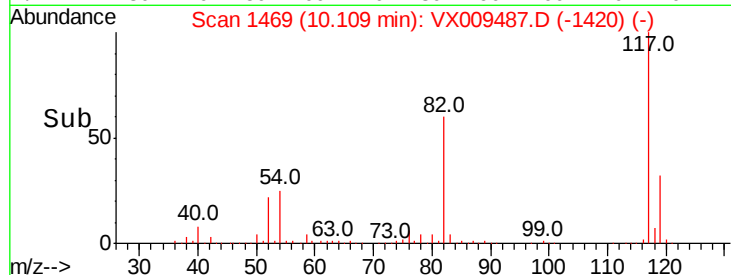
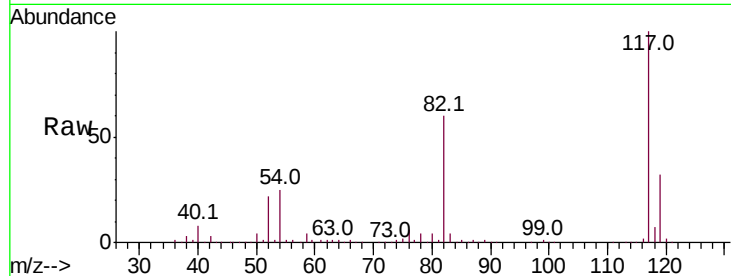




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX009487.D
 Acq: 10 May 2019 17:42

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-TB-20190507

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.2	48.8	73.2
119	32.2	25.8	38.6



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009487.D
 Acq: 10 May 2019 17:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.5	41.2	123.6
150	157.8	0.0	346.4

