

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072519\
 Data File : VX011066.D
 Acq On : 25 Jul 2019 10:36
 Operator : JC/SP
 Sample : K3973-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-TB-20190722

Quant Time: Jul 26 01:38:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	206985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	326954	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	303399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	137555	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	113292	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	
35) Dibromofluoromethane	5.49	113	103567	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	
50) Toluene-d8	8.71	98	396968	51.00	ug/l	0.00
Spiked Amount			Recovery	=	102.00%	
62) 4-Bromofluorobenzene	11.13	95	137957	48.22	ug/l	0.00
Spiked Amount			Recovery	=	96.44%	

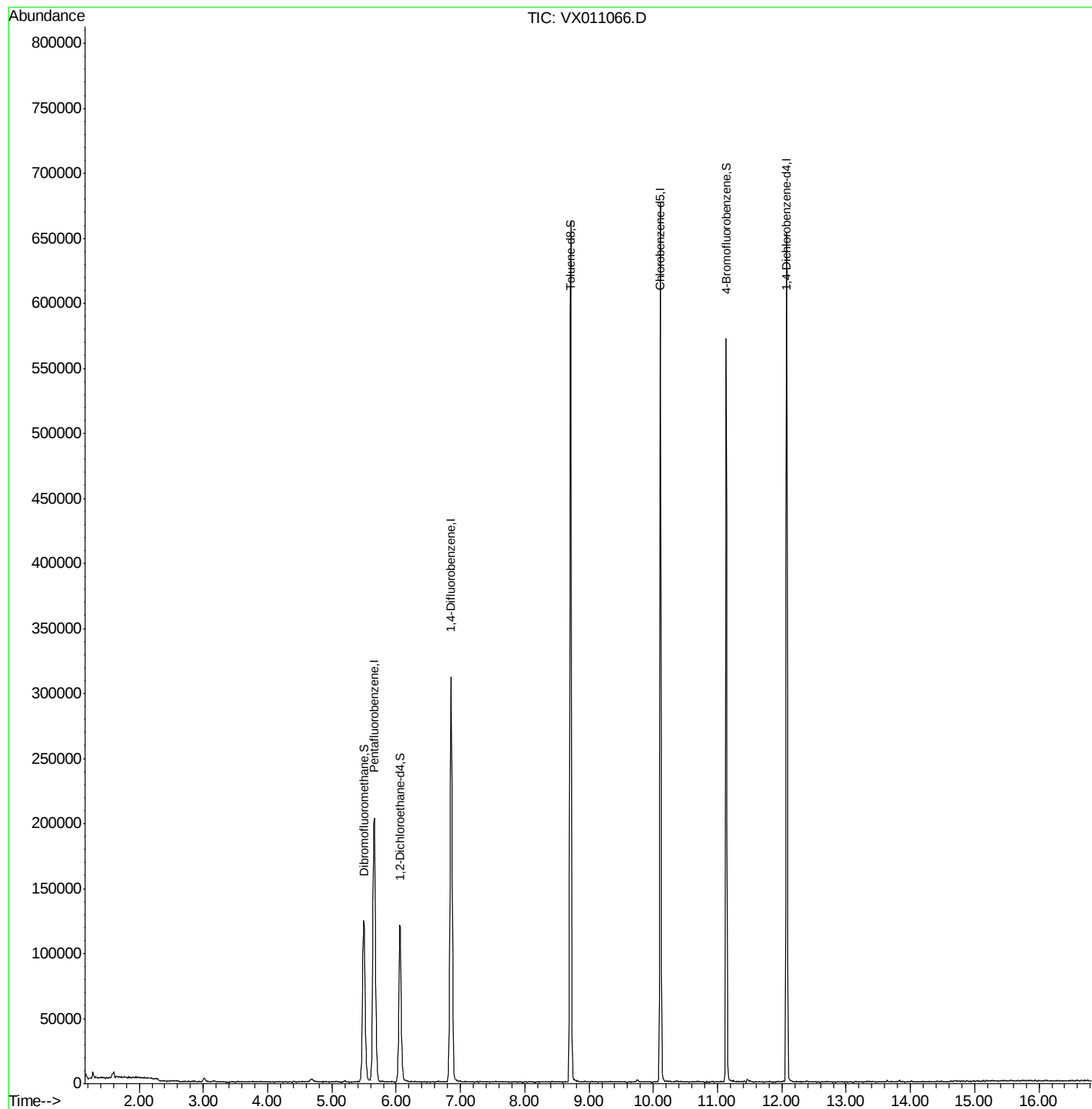
Target Compounds	Qvalue
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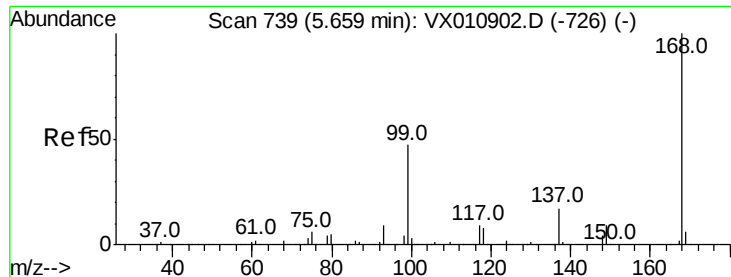
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011066.D

Acq: 25 Jul 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

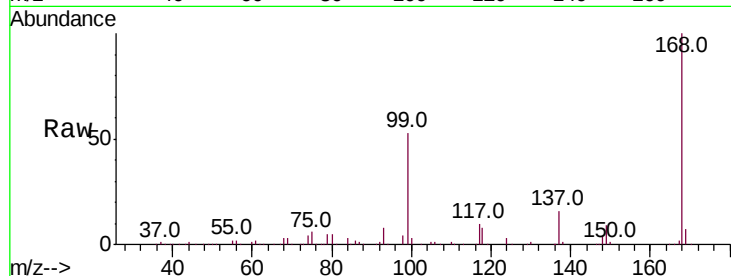
BP-VPB203-TB-20190722

Tot Ion:168 Resp: 206985

Ion Ratio Lower Upper

168 100

99 53.0 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

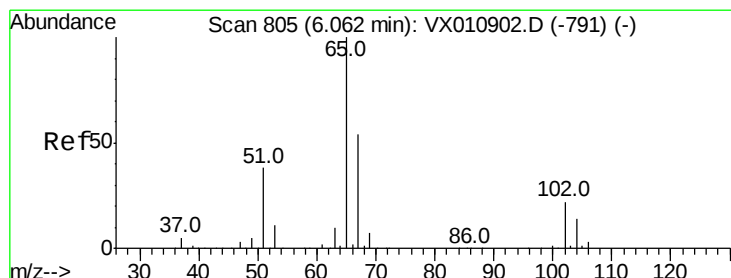
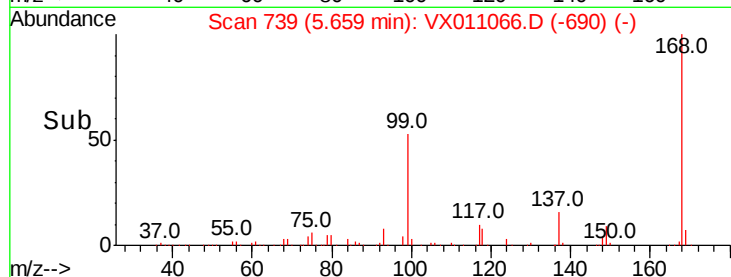
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.449 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX011066.D

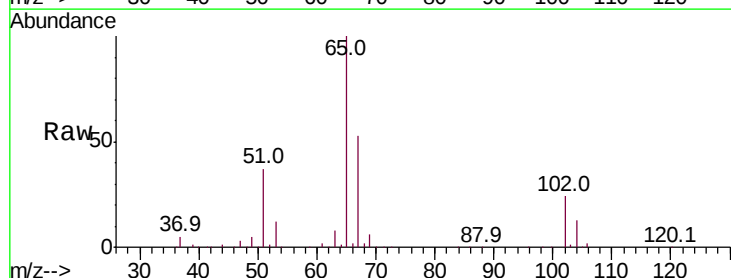
Acq: 25 Jul 2019 10:36

Tgt Ion: 65 Resp: 113292

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

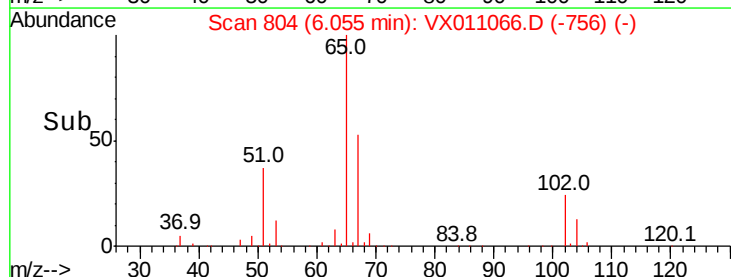
30000

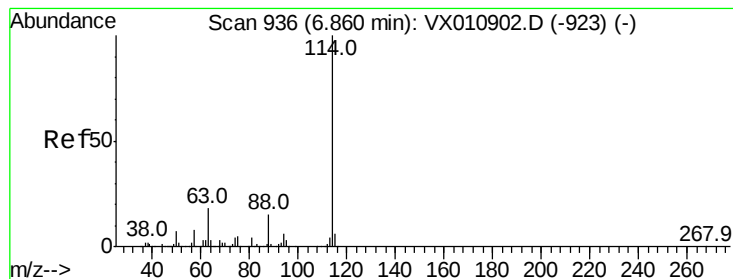
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX011066.D

Acq: 25 Jul 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-TB-20190722

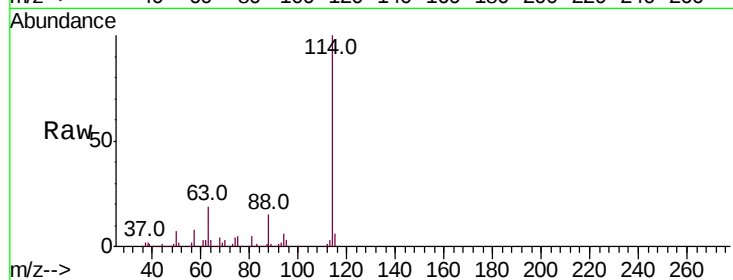
Tot Ion:114 Resp: 326954

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.6

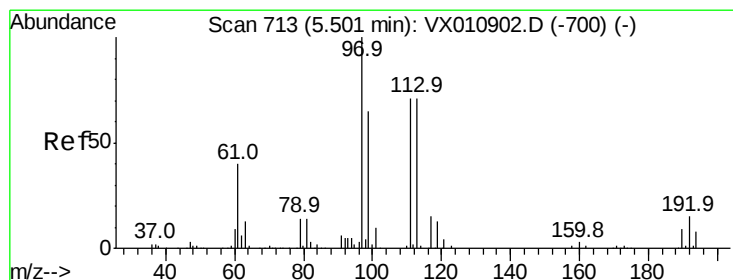
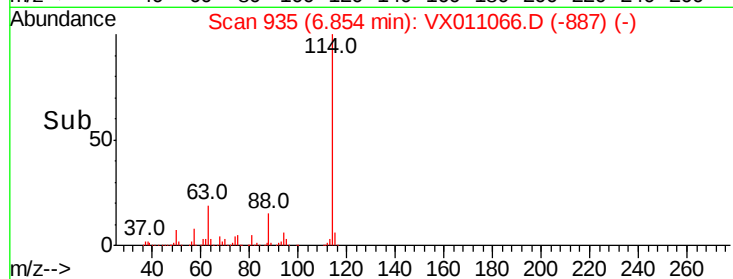
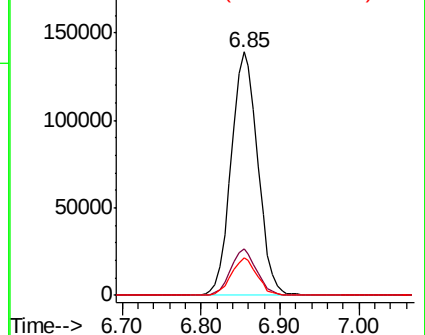
88 15.3 0.0 29.8



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: 49.906 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011066.D

Acq: 25 Jul 2019 10:36

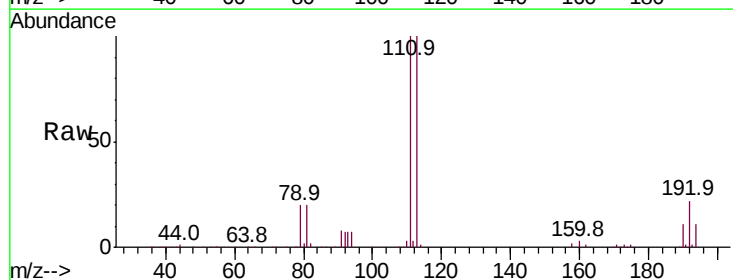
Tgt Ion:113 Resp: 103567

Ion Ratio Lower Upper

113 100

111 102.4 82.3 123.5

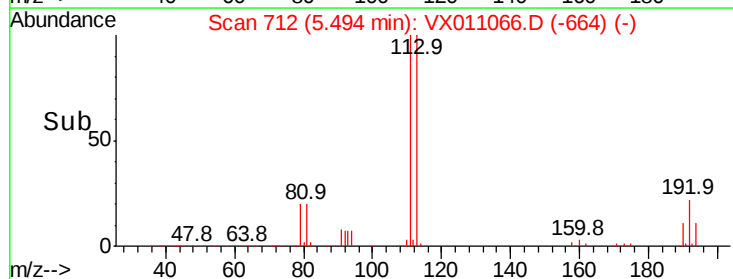
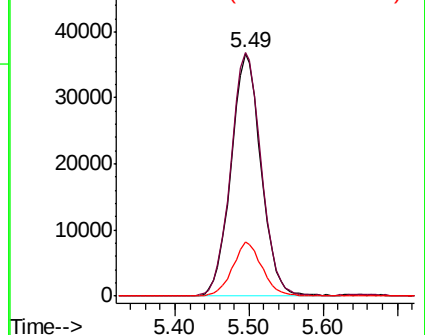
192 21.8 17.4 26.2

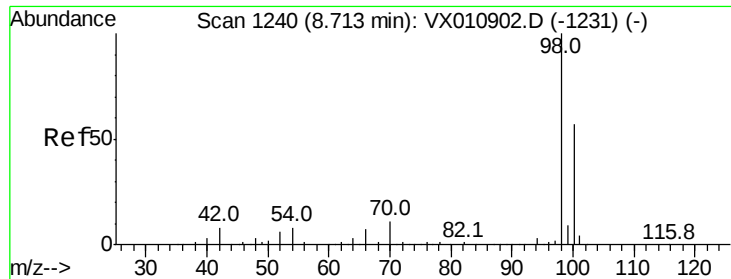


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

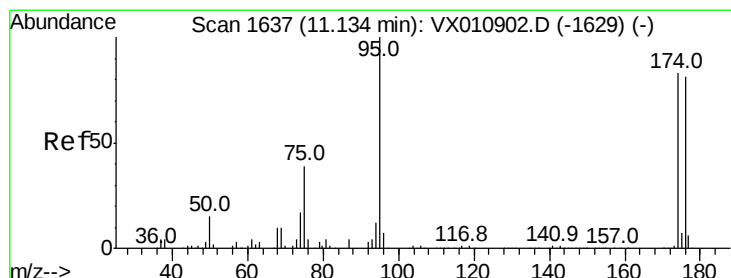
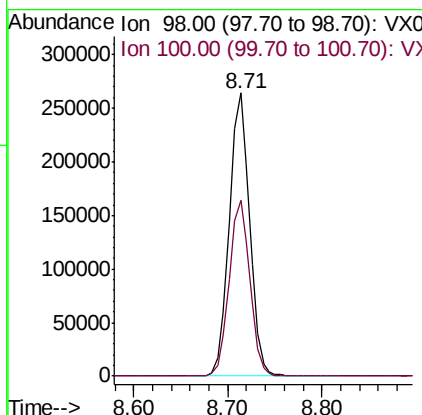
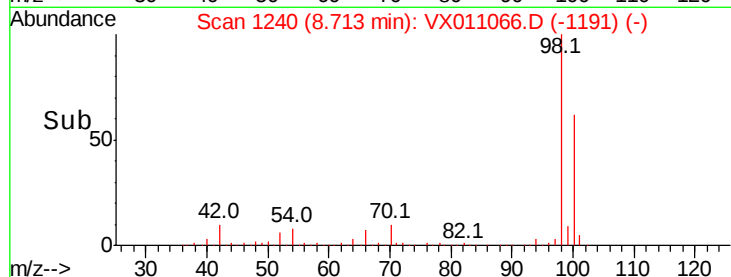
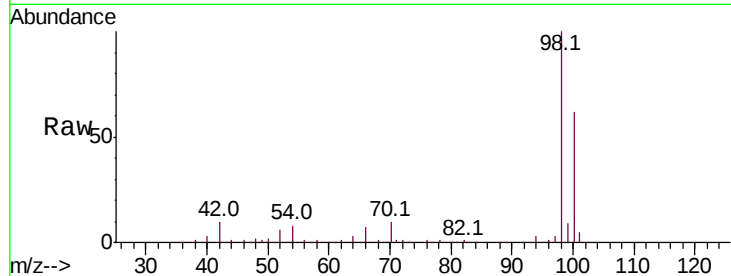




#50
Toluene-d8
Concen: 51.001 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011066.D
Acq: 25 Jul 2019 10:36

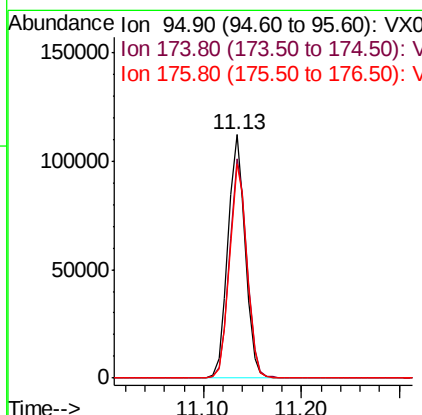
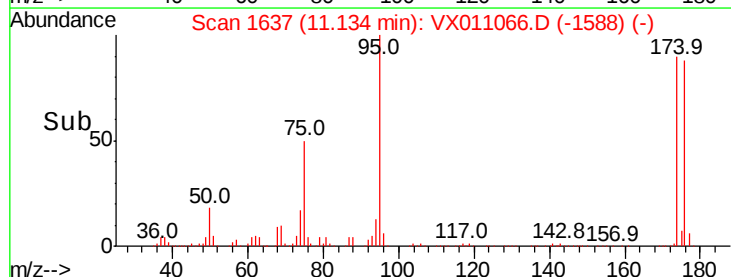
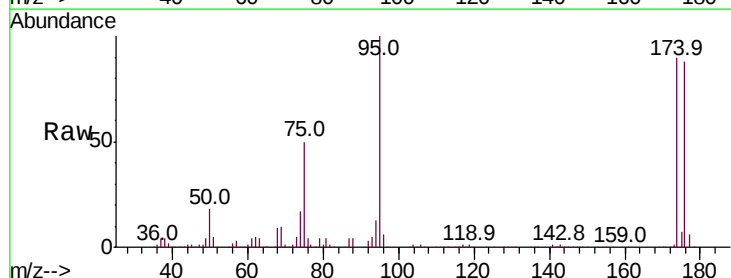
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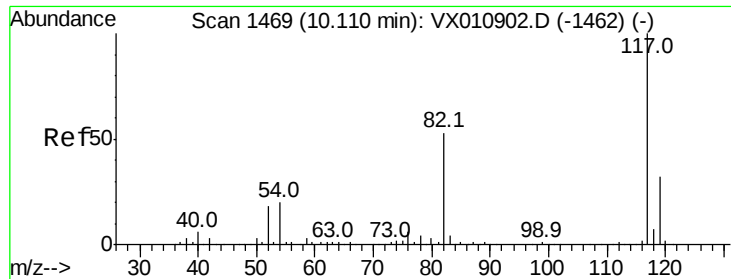
Tot Ion: 98 Resp: 396968
Ion Ratio Lower Upper
98 100
100 63.2 50.6 75.8



#62
4-Bromofluorobenzene
Concen: 48.220 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011066.D
Acq: 25 Jul 2019 10:36

Tgt Ion: 95 Resp: 137957
Ion Ratio Lower Upper
95 100
174 90.5 0.0 180.6
176 88.4 0.0 173.8

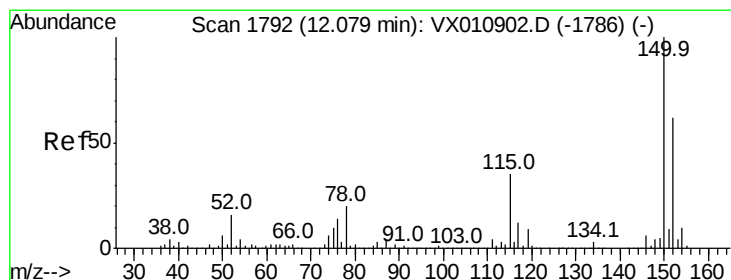
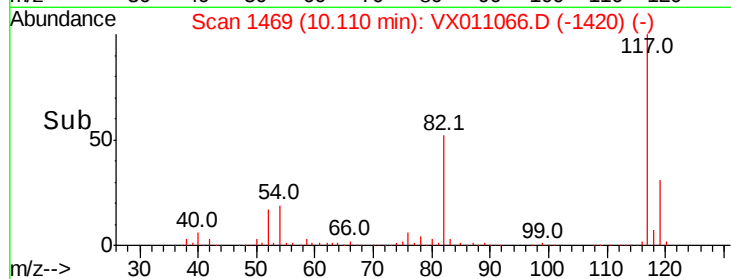
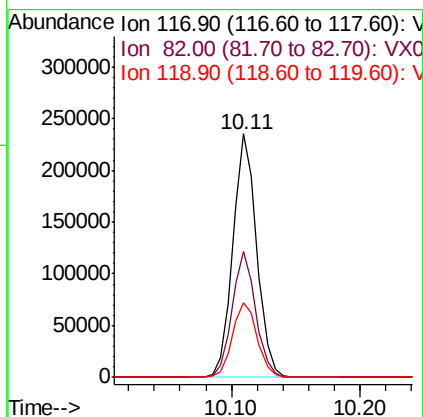
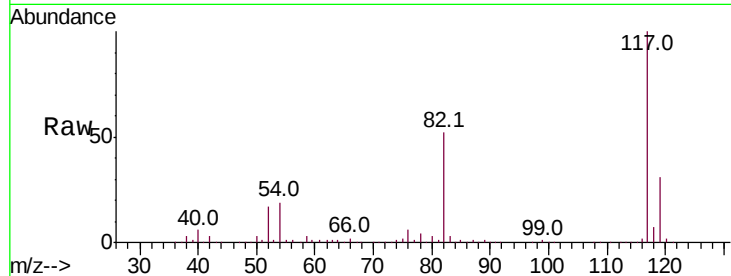




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011066.D
Acq: 25 Jul 2019 10:36

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB203-TB-20190722

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.6	63.8
119	30.7	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011066.D
Acq: 25 Jul 2019 10:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	39.7	119.1
150	158.1	0.0	345.6

