

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060519\
 Data File : VX010072.D
 Acq On : 05 Jun 2019 13:21
 Operator : JC/SP
 Sample : K3190-21
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-EB01-20190604

Quant Time: Jun 06 06:50:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

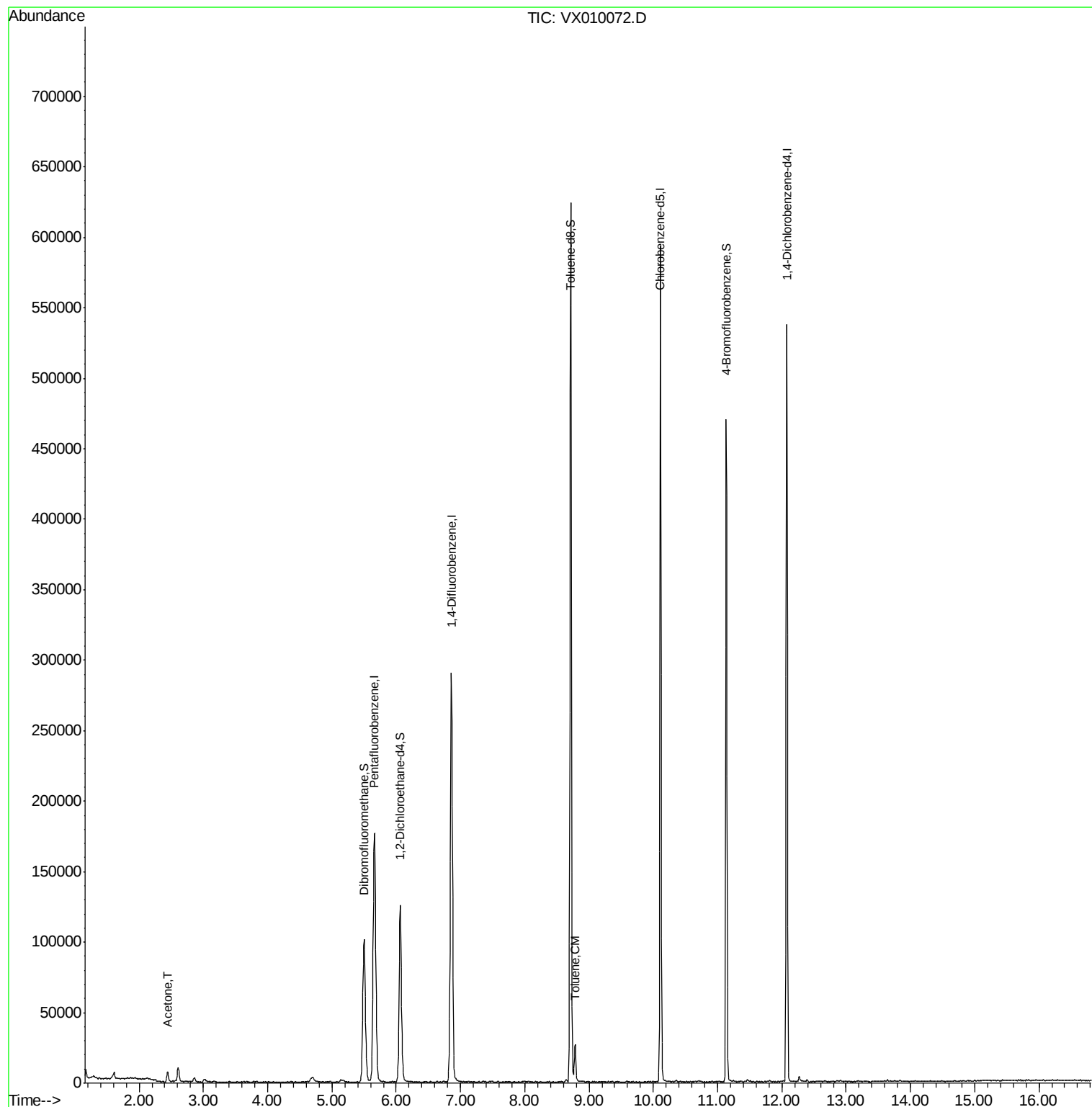
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	177339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	282601	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113506	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117637	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
35) Dibromofluoromethane	5.50	113	86296	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
50) Toluene-d8	8.71	98	356668	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.13	95	121702	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
Target Compounds						
16) Acetone	2.44	43	7801	5.390	ug/l	98
52) Toluene	8.79	92	8964	1.736	ug/l	97

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010072.D

Acq: 05 Jun 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

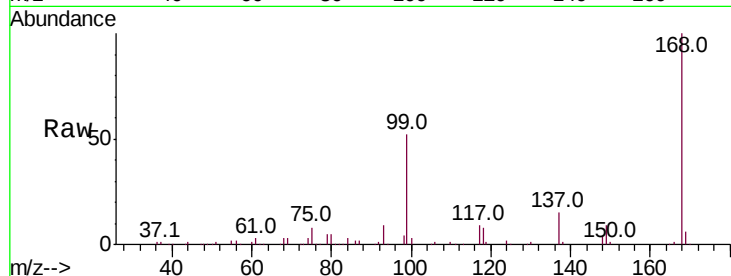
BP-EB01-20190604

Tot Ion:168 Resp: 177339

Ion Ratio Lower Upper

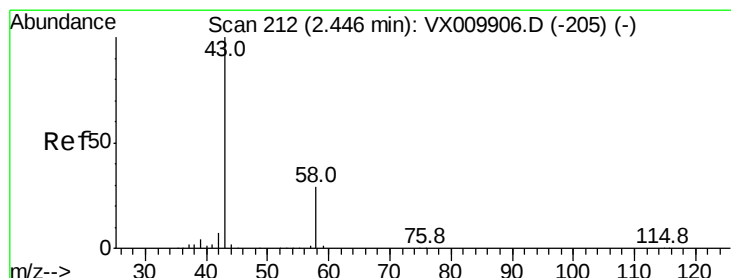
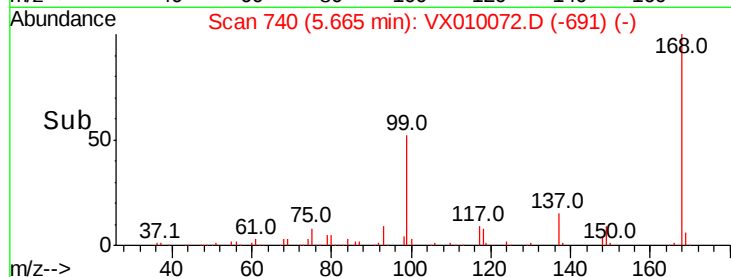
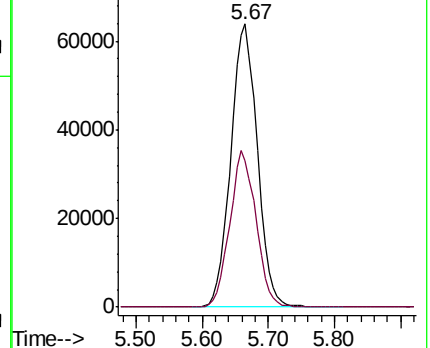
168 100

99 51.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.390 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010072.D

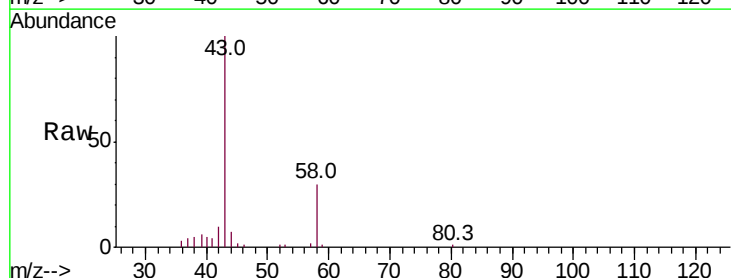
Acq: 05 Jun 2019 13:21

Tgt Ion: 43 Resp: 7801

Ion Ratio Lower Upper

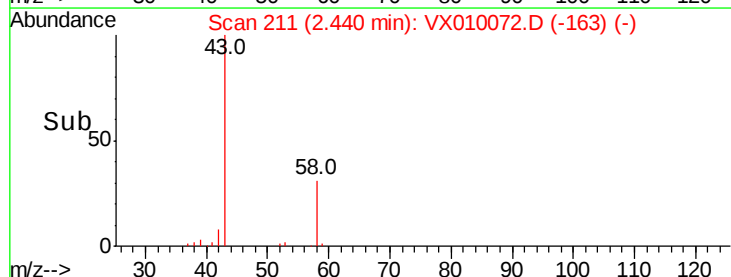
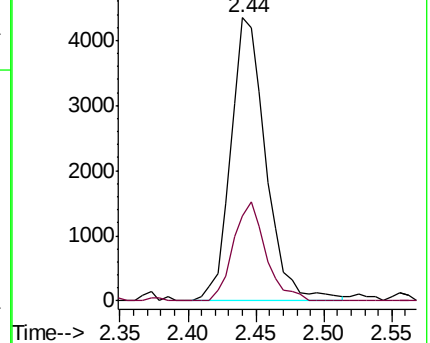
43 100

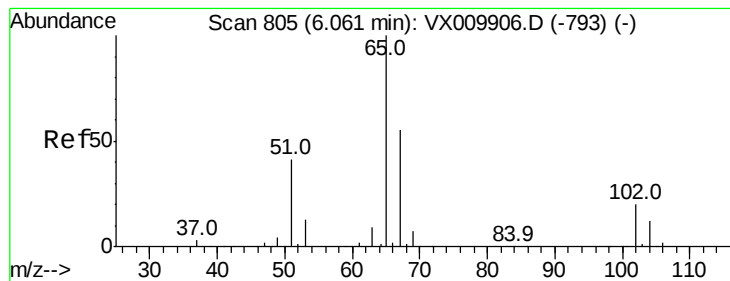
58 29.9 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.960 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010072.D

Acq: 05 Jun 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

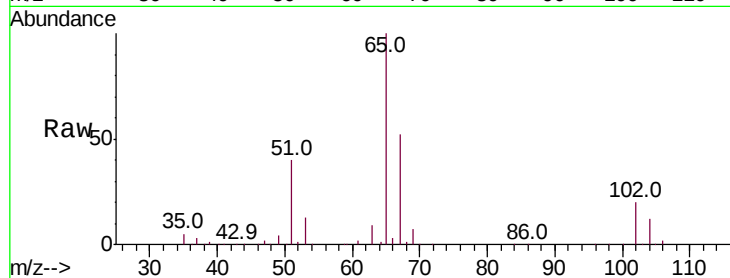
BP-EB01-20190604

Tot Ion: 65 Resp: 117637

Ion Ratio Lower Upper

65 100

67 52.3 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

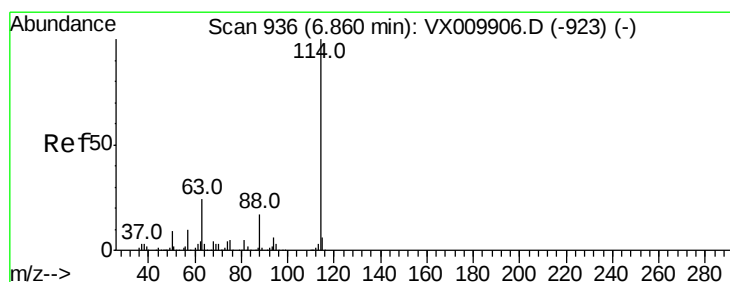
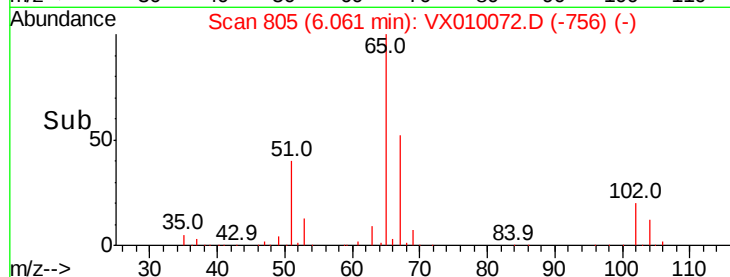
30000

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: VX010072.D

Acq: 05 Jun 2019 13:21

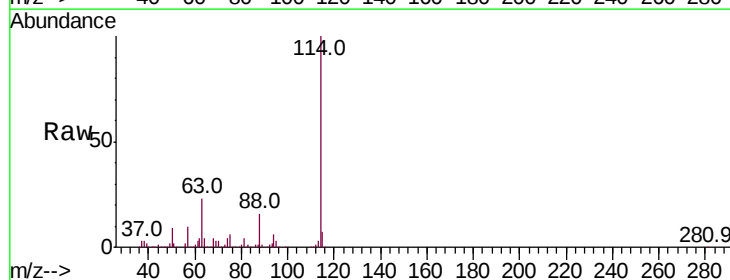
Tgt Ion:114 Resp: 282601

Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.4

88 16.3 0.0 33.0



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

6.86

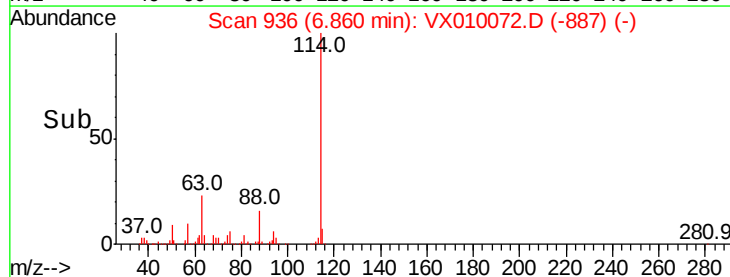
150000

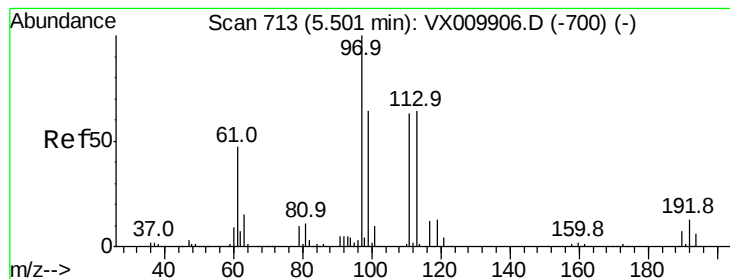
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.570 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010072.D

Acq: 05 Jun 2019 13:21

Instrument :

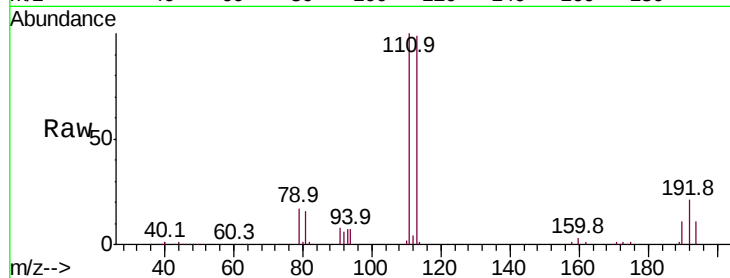
MSVOA_X

ClientSampleId :

BP-EB01-20190604

Tot Ion:113 Resp: 86296

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.2
192	22.6	17.1	25.7

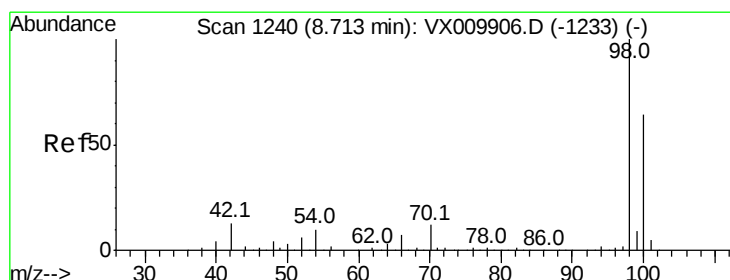
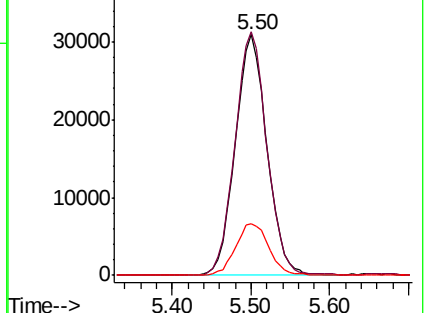
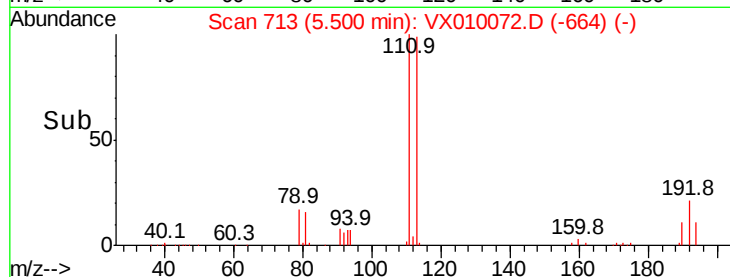


Abundance

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: 49.435 ug/l

RT: 8.71 min Scan# 1240

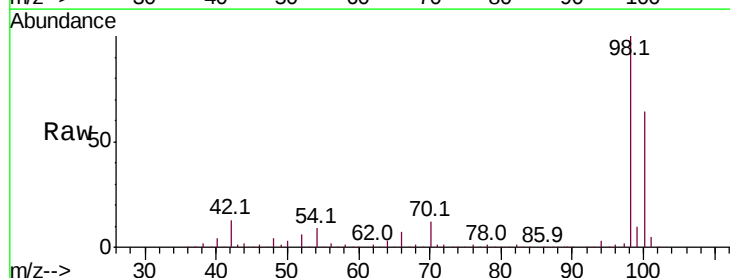
Delta R.T. -0.00 min

Lab File: VX010072.D

Acq: 05 Jun 2019 13:21

Tgt Ion: 98 Resp: 356668

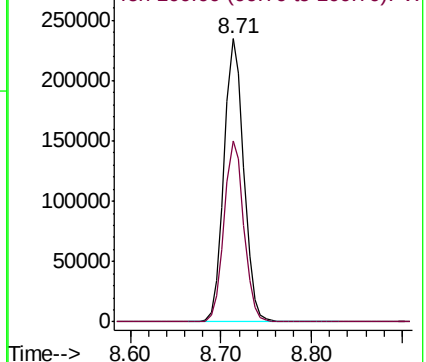
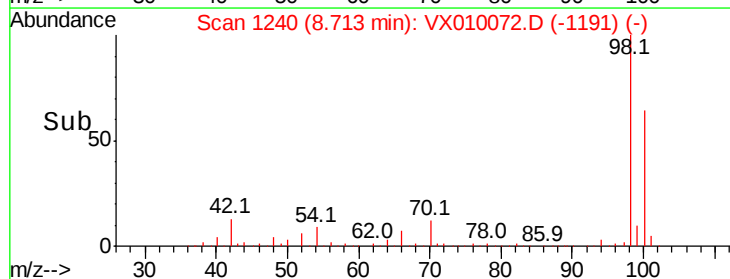
Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.5	77.3

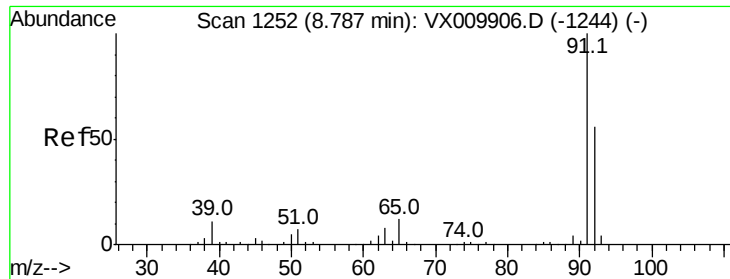


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 1.736 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX010072.D

Acq: 05 Jun 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

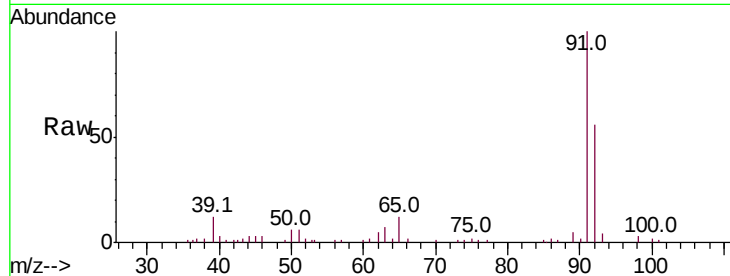
BP-EB01-20190604

Tot Ion: 92 Resp: 8964

Ion Ratio Lower Upper

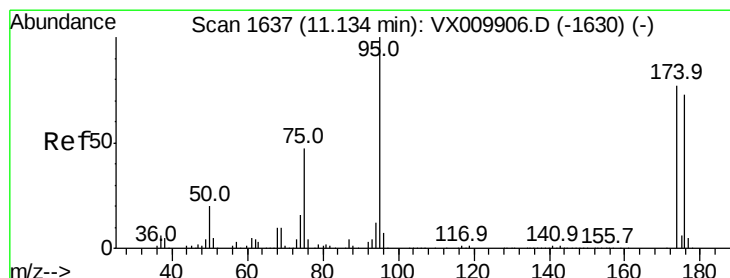
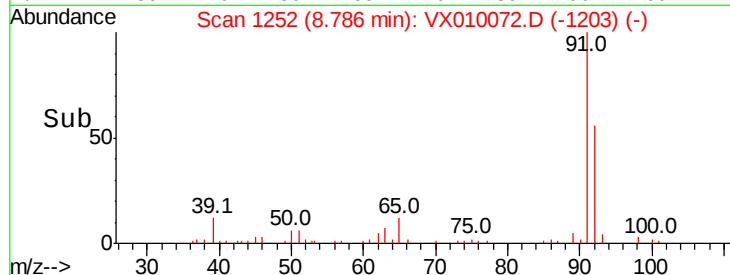
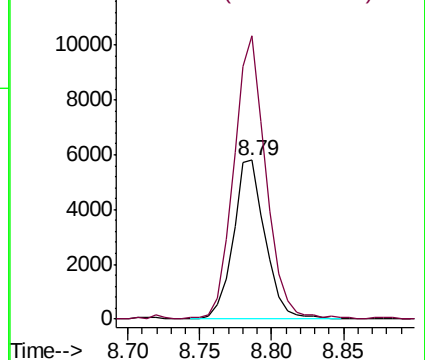
92 100

91 179.3 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 46.963 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010072.D

Acq: 05 Jun 2019 13:21

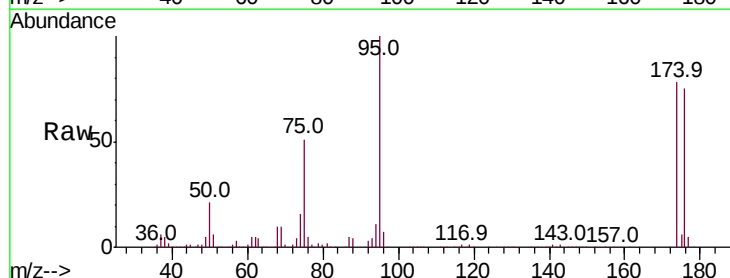
Tgt Ion: 95 Resp: 121702

Ion Ratio Lower Upper

95 100

174 83.7 0.0 160.4

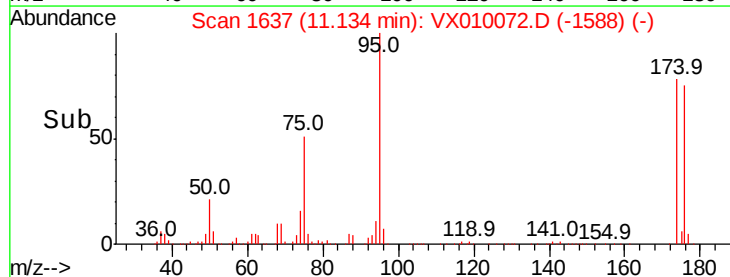
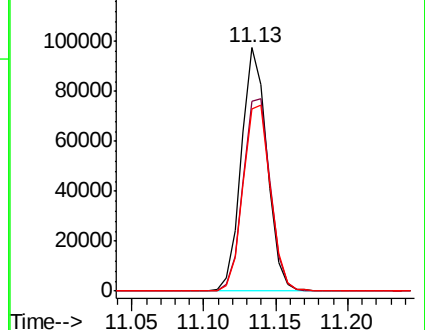
176 81.4 0.0 154.6

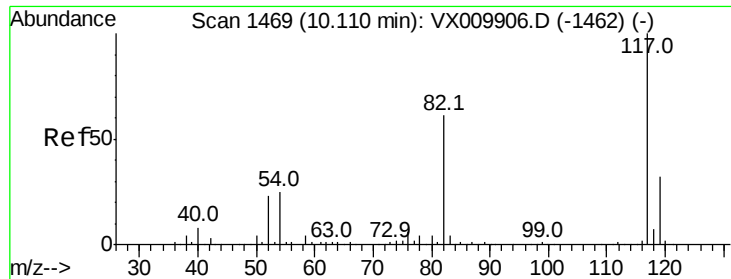


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

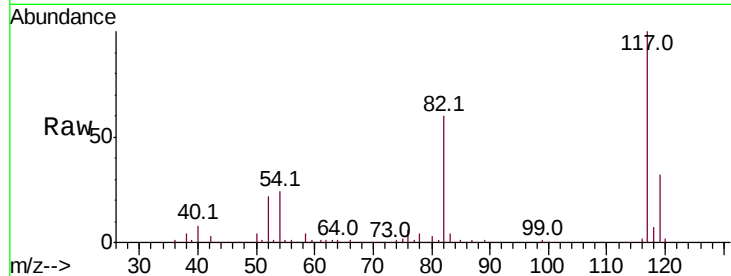




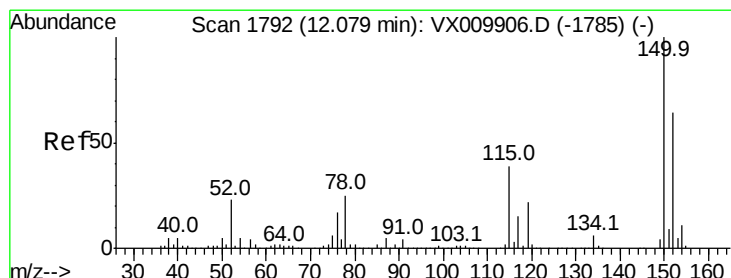
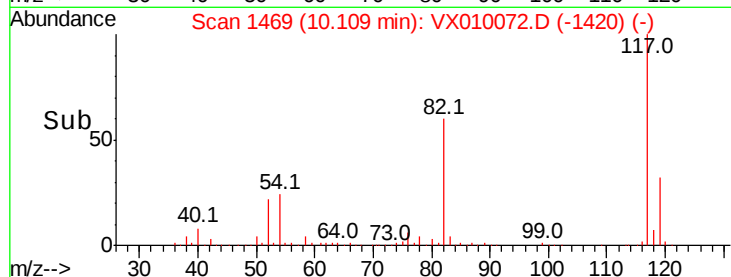
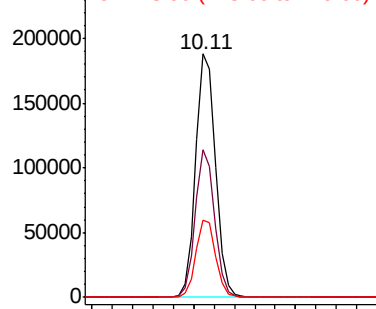
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010072.D
Acq: 05 Jun 2019 13:21

Instrument :
MSVOA_X
ClientSampleId :
BP-EB01-20190604

Tot Ion:117 Resp: 253944
Ion Ratio Lower Upper
117 100
82 60.4 49.2 73.8
119 31.9 25.2 37.8

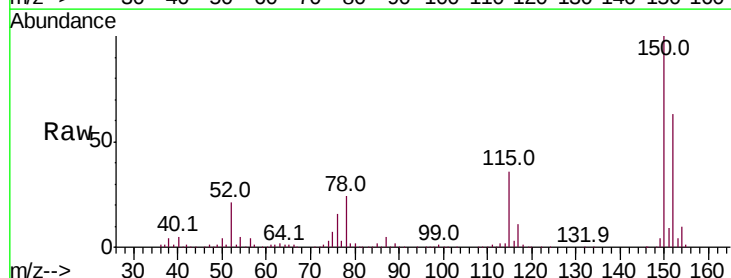


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010072.D
Acq: 05 Jun 2019 13:21

Tgt Ion:152 Resp: 113506
Ion Ratio Lower Upper
152 100
115 57.5 41.4 124.2
150 157.0 0.0 345.2



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

