

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072519\
 Data File : VX011073.D
 Acq On : 25 Jul 2019 13:19
 Operator : JC/SP
 Sample : K3973-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-GW-198-200

Quant Time: Jul 26 02:08:14 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

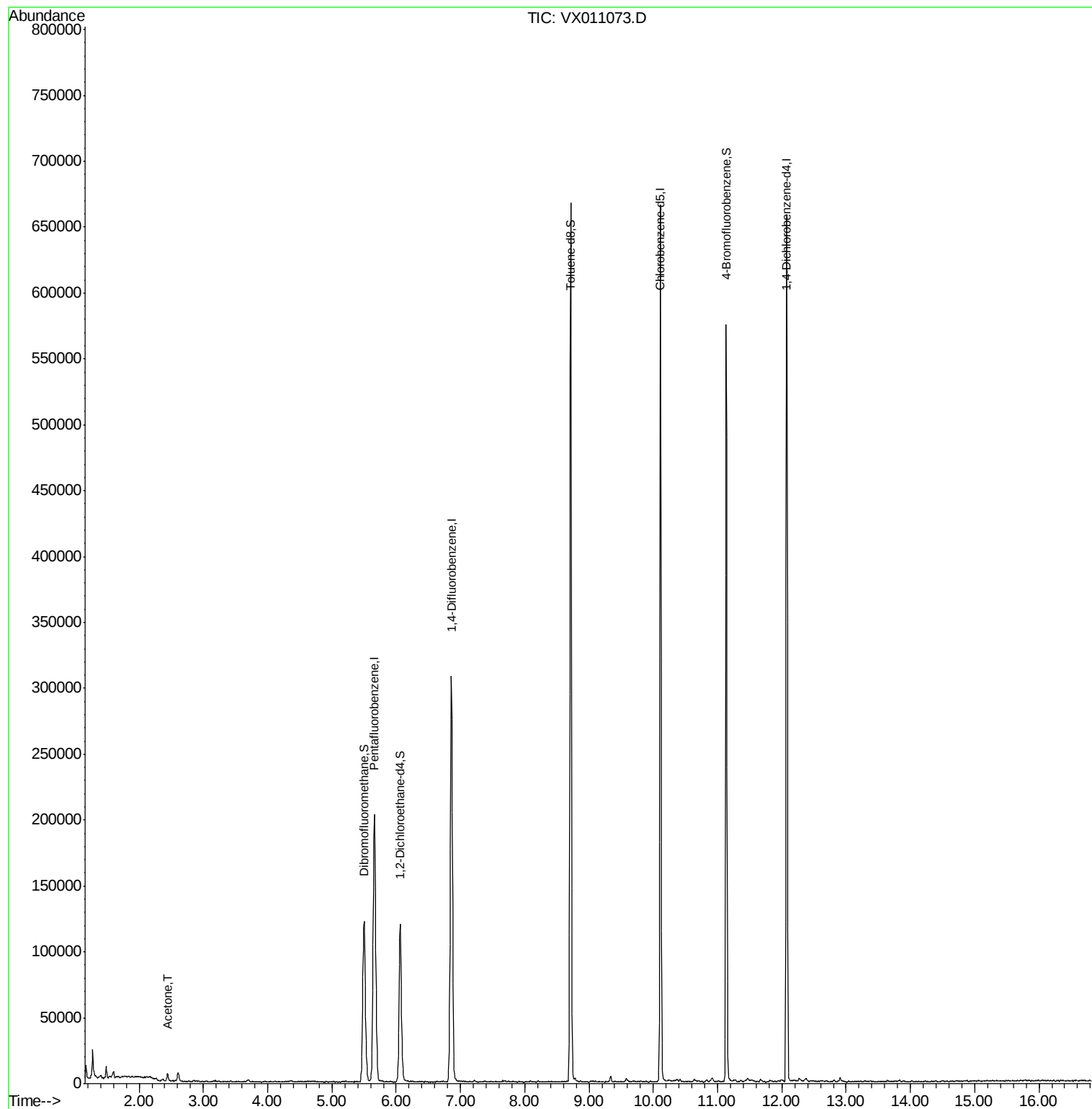
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	204944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	326961	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	306449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143536	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	112144	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
35) Dibromofluoromethane	5.50	113	102611	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
50) Toluene-d8	8.71	98	391702	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.13	95	140406	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
Target Compounds						
16) Acetone	2.44	43	5763	5.852	ug/l	Qvalue 99

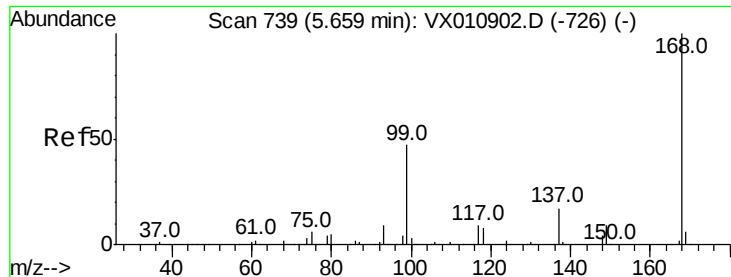
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX011073.D

Acq: 25 Jul 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

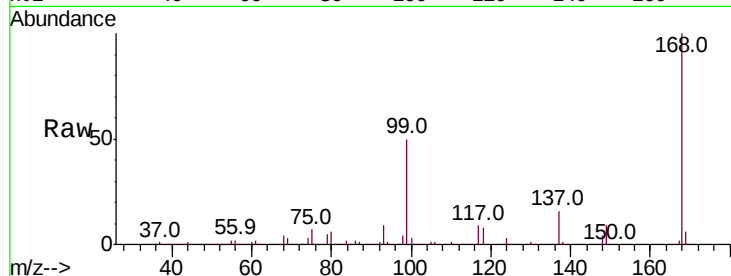
BP-VPB203-GW-198-200

Tot Ion:168 Resp: 204944

Ion Ratio Lower Upper

168 100

99 50.2 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

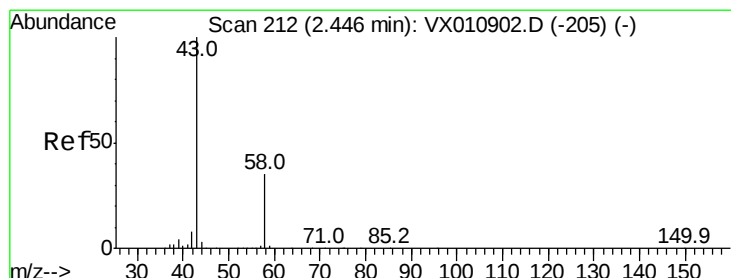
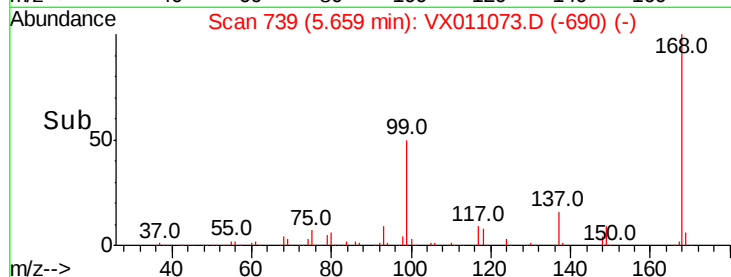
40000

20000

0

Time-->

5.60 5.70



#16

Acetone

Concen: 5.852 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011073.D

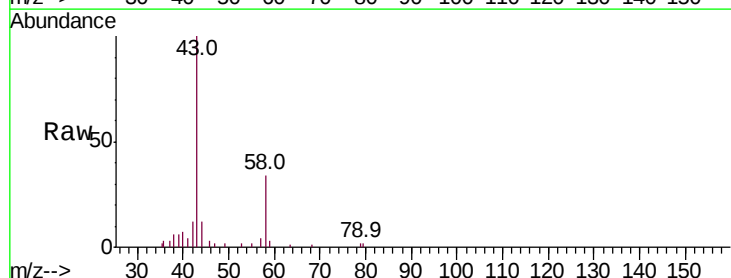
Acq: 25 Jul 2019 13:19

Tgt Ion: 43 Resp: 5763

Ion Ratio Lower Upper

43 100

58 34.2 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

4000

3000

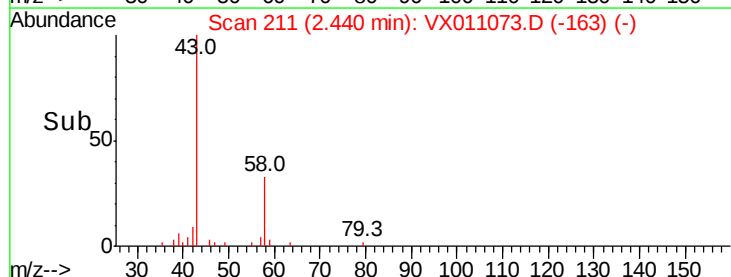
2000

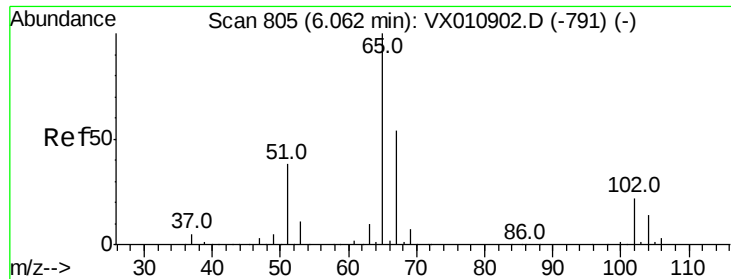
1000

0

Time-->

2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 51.435 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX011073.D

Acq: 25 Jul 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

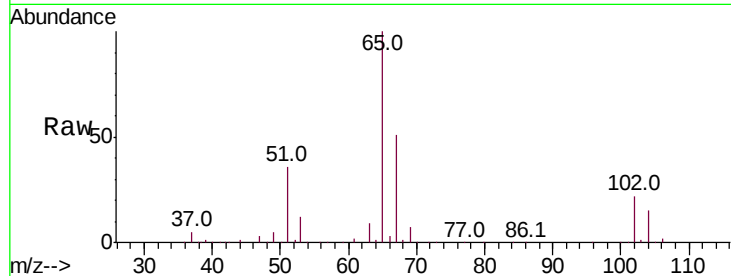
BP-VPB203-GW-198-200

Tot Ion: 65 Resp: 112144

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.8

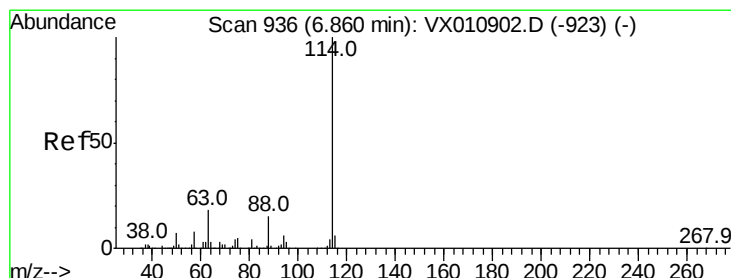
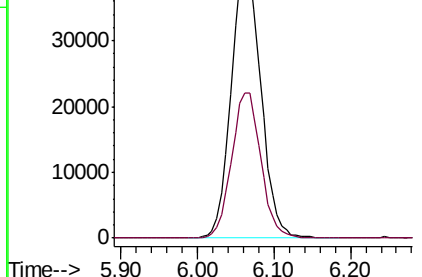
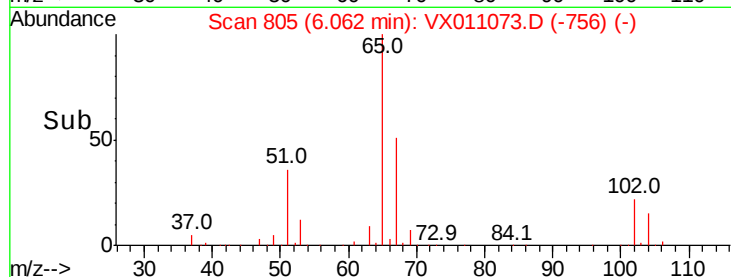


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX011073.D

Acq: 25 Jul 2019 13:19

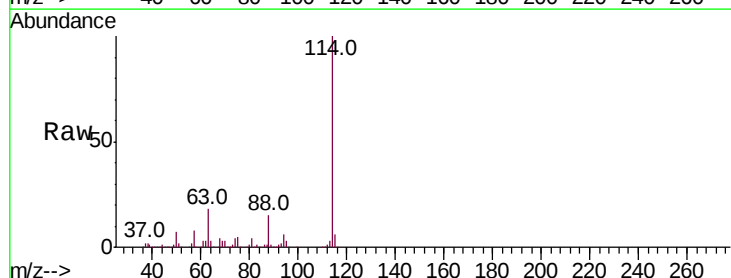
Tgt Ion:114 Resp: 326961

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.6

88 14.8 0.0 29.8



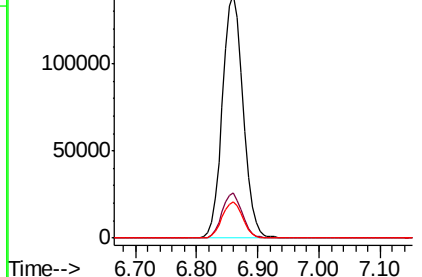
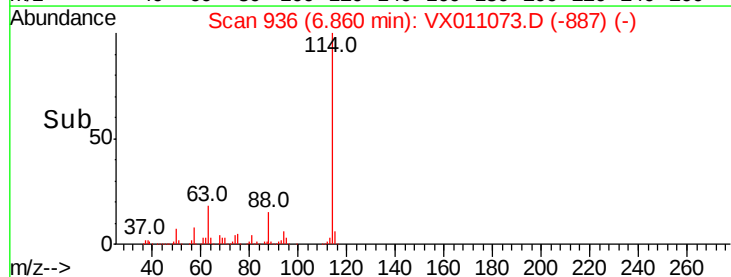
Abundance Ion 113.90 (113.60 to 114.60): V

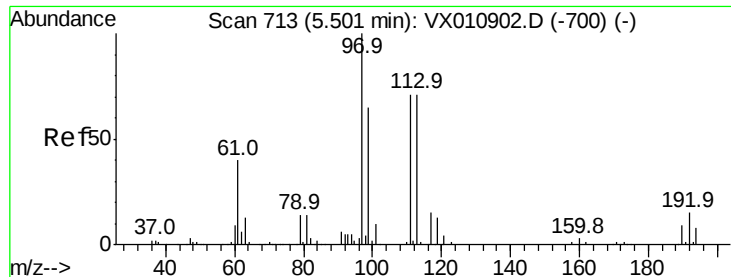
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

Time-->





#35

Dibromofluoromethane

Concen: 49.444 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011073.D

Acq: 25 Jul 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-GW-198-200

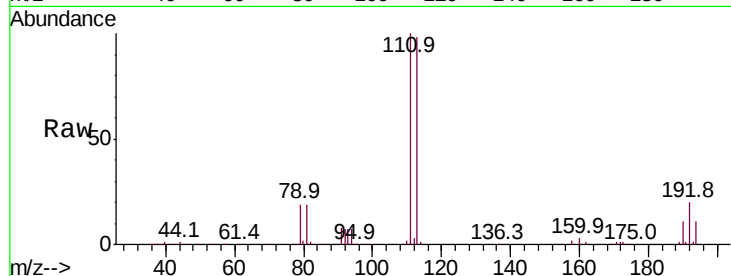
Tot Ion:113 Resp: 102611

Ion Ratio Lower Upper

113 100

111 101.4 82.3 123.5

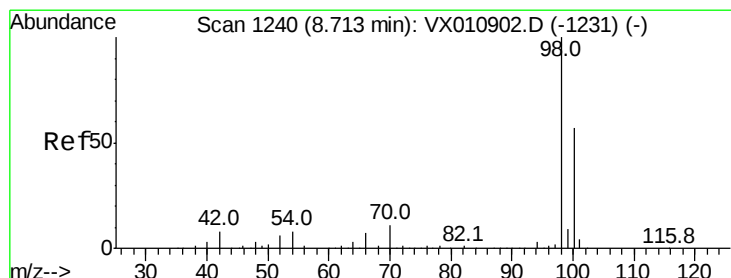
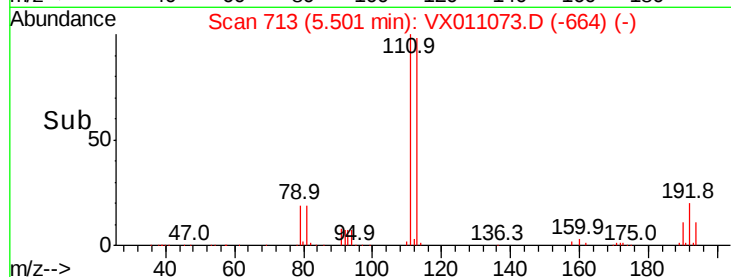
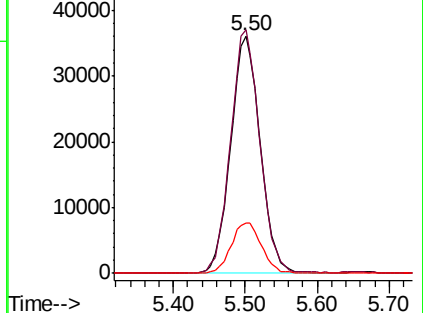
192 21.9 17.4 26.2



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: 50.324 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011073.D

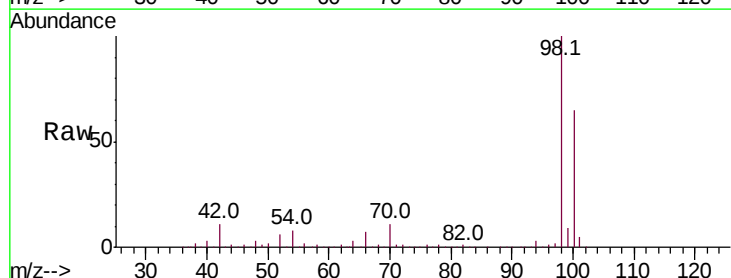
Acq: 25 Jul 2019 13:19

Tgt Ion: 98 Resp: 391702

Ion Ratio Lower Upper

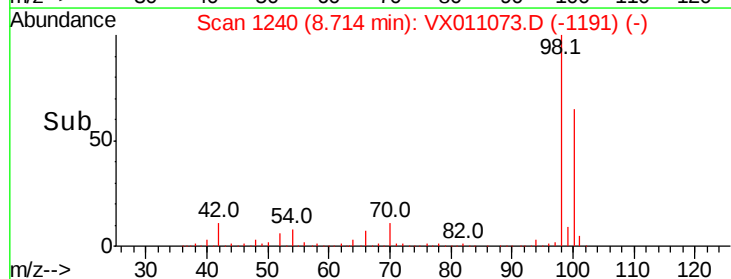
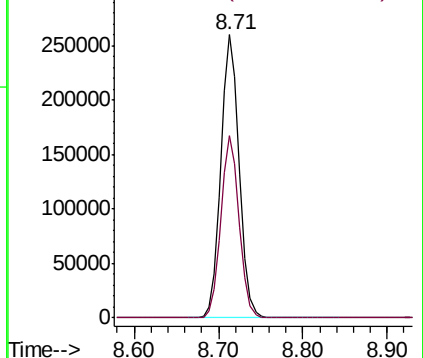
98 100

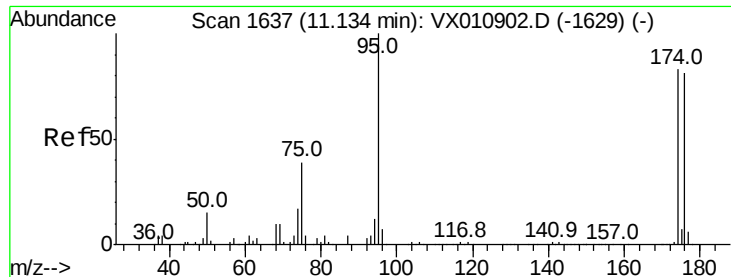
100 64.1 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 49.075 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011073.D

Acq: 25 Jul 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-GW-198-200

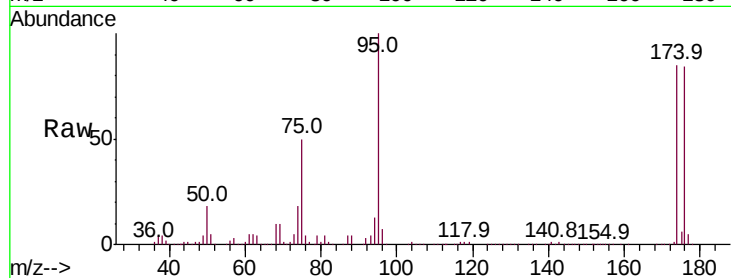
Tot Ion: 95 Resp: 140406

Ion Ratio Lower Upper

95 100

174 90.1 0.0 180.6

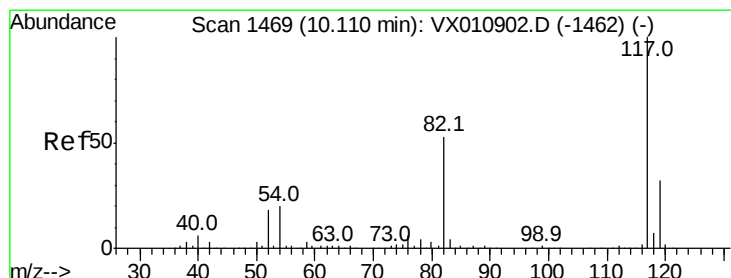
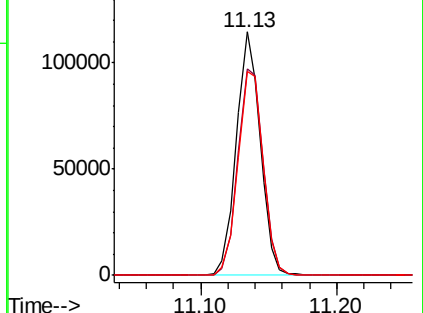
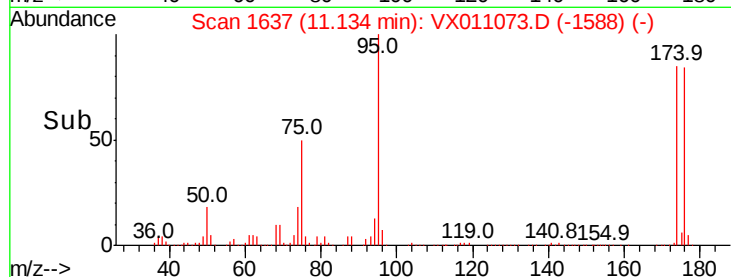
176 88.5 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011073.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011073.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011073.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011073.D

Acq: 25 Jul 2019 13:19

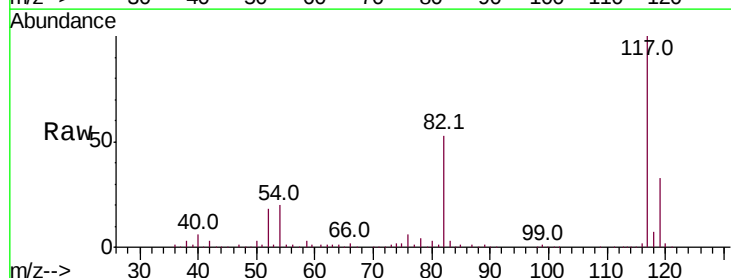
Tgt Ion: 117 Resp: 306449

Ion Ratio Lower Upper

117 100

82 53.0 42.6 63.8

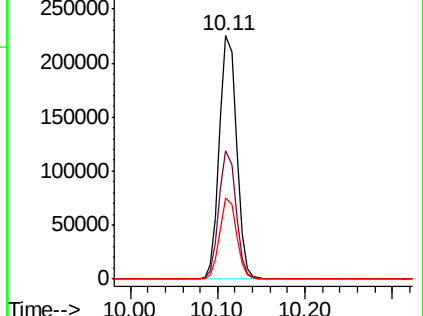
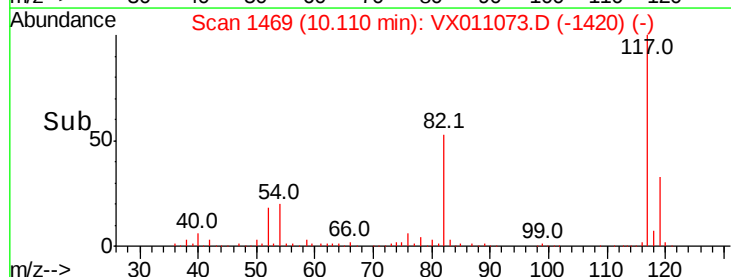
119 33.1 25.9 38.9

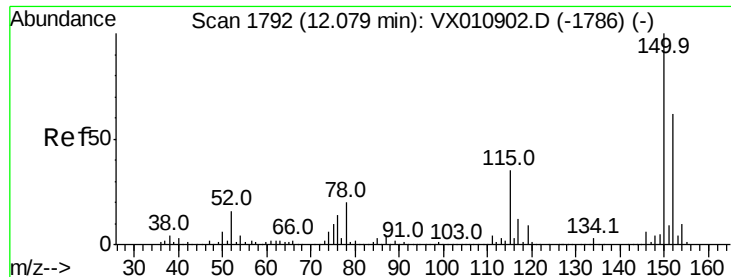


Abundance Ion 116.90 (116.60 to 117.60): VX011073.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011073.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011073.D (-1420) (-)

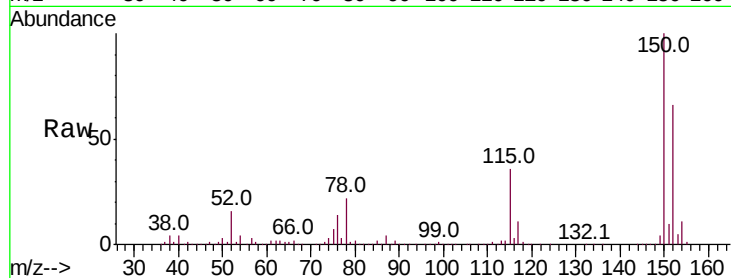




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX011073.D
 Acq: 25 Jul 2019 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-GW-198-200

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.3	39.7	119.1
150	154.6	0.0	345.6



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

