

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011197.D
 Acq On : 30 Jul 2019 16:06
 Operator : JC/SP
 Sample : K4043-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-GW-398-400

Quant Time: Jul 31 08:42:45 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

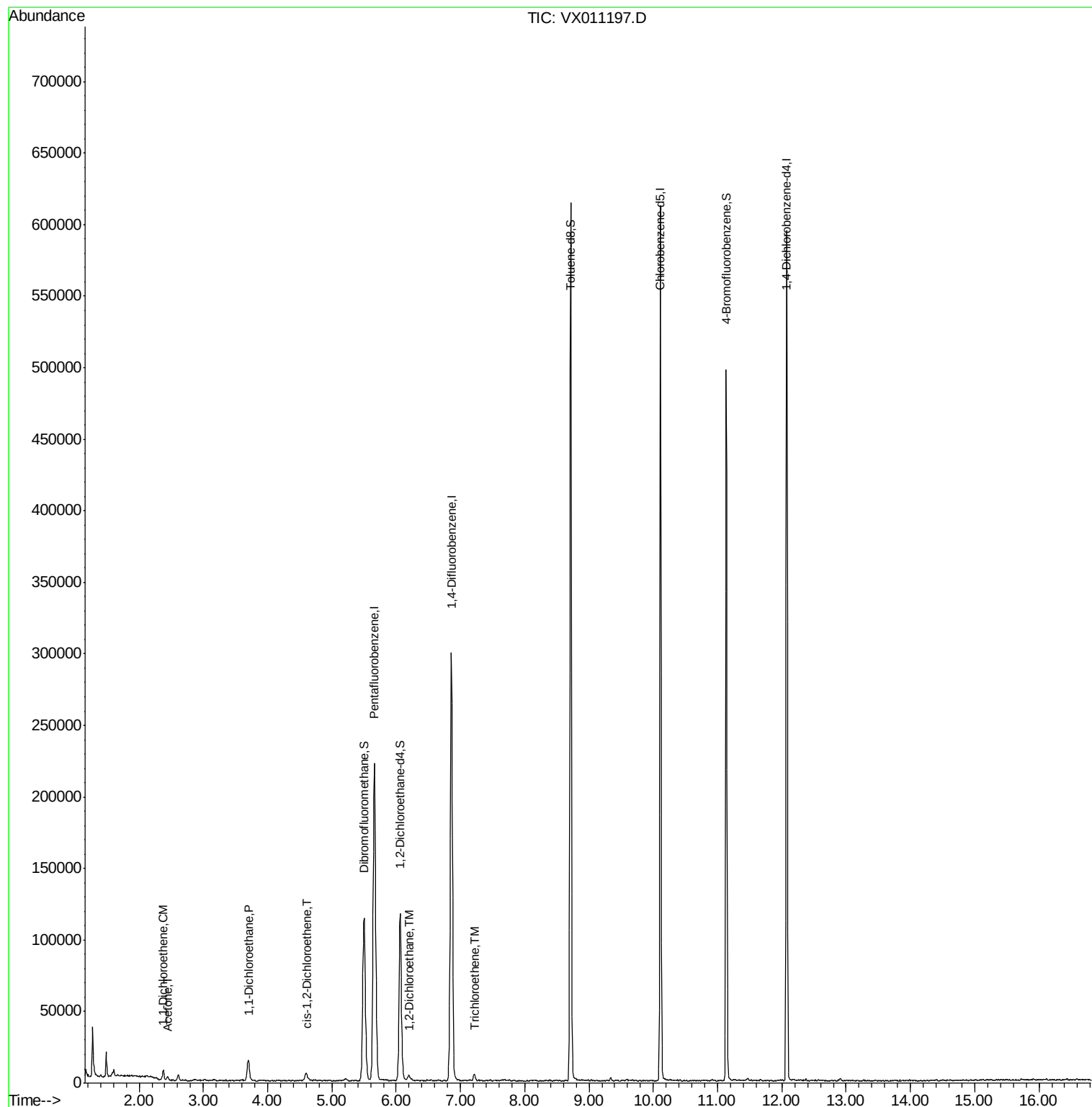
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	219278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	317250	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	130668	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	108990	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
35) Dibromofluoromethane	5.50	113	94288	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
50) Toluene-d8	8.71	98	366242	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
62) 4-Bromofluorobenzene	11.13	95	121586	43.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.60%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.38	96	2740	1.403	ug/l	82
16) Acetone	2.44	43	2905	2.757	ug/l	98
24) 1,1-Dichloroethane	3.70	63	15511	4.464	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	3357	1.400	ug/l	94
42) 1,2-Dichloroethane	6.20	62	4186	1.508	ug/l	89
44) Trichloroethene	7.21	130	1832	0.775	ug/l	98

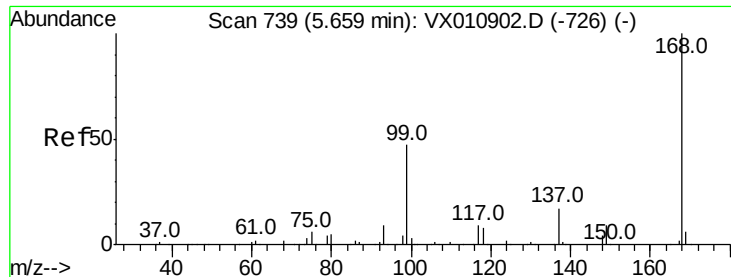
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
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: VX011197.D

Acq: 30 Jul 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

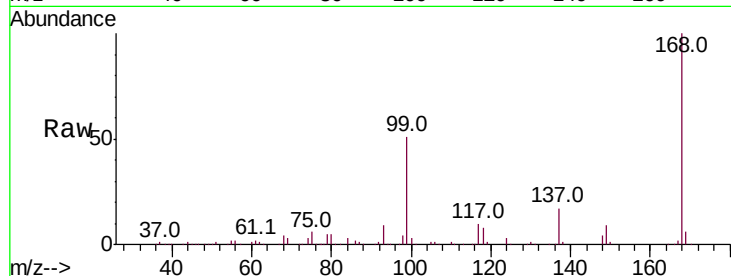
BP-VPB203-GW-398-400

Tot Ion:168 Resp: 219278

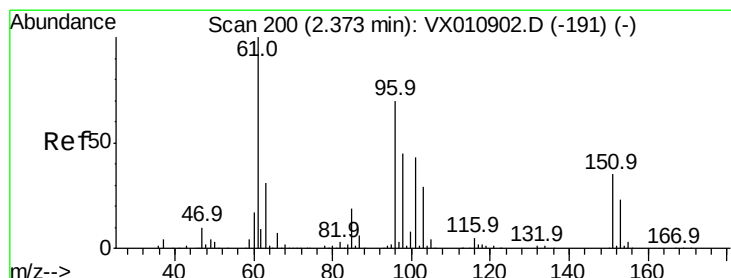
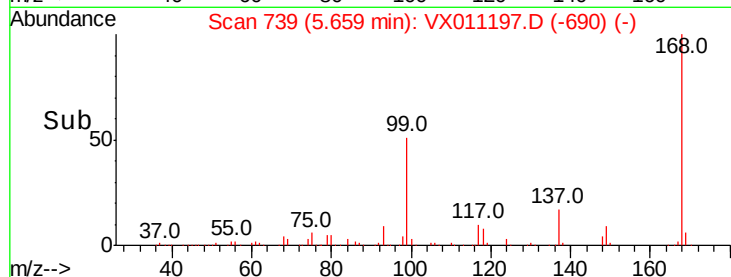
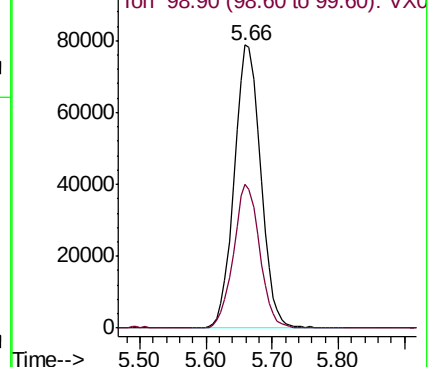
Ion Ratio Lower Upper

168 100

99 50.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V



#12

1,1-Dichloroethene

Concen: 1.403 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011197.D

Acq: 30 Jul 2019 16:06

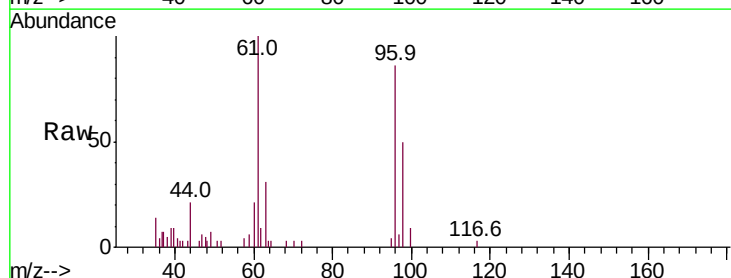
Tgt Ion: 96 Resp: 2740

Ion Ratio Lower Upper

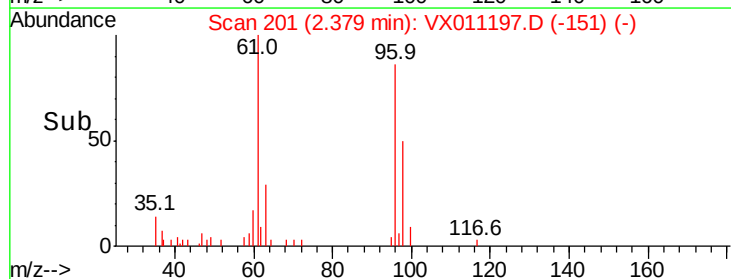
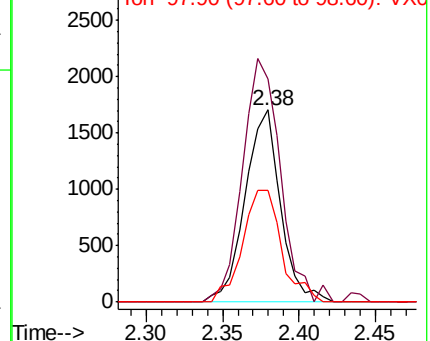
96 100

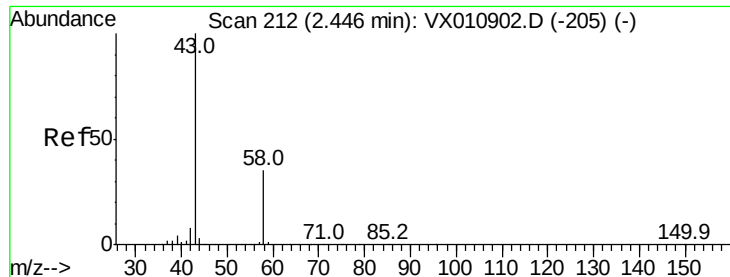
61 116.4 115.0 172.4

98 58.1 52.2 78.2



Abundance Ion 95.90 (95.60 to 96.60): VX0





#16

Acetone

Concen: 2.757 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011197.D

Acq: 30 Jul 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

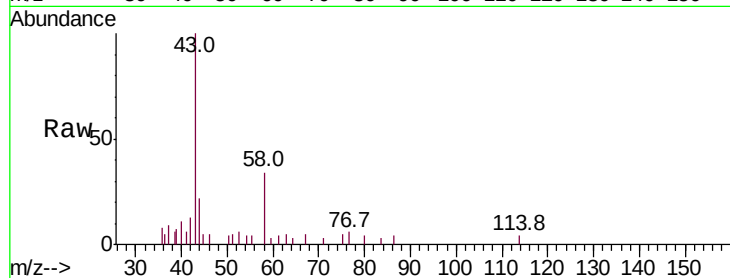
BP-VPB203-GW-398-400

Tot Ion: 43 Resp: 2905

Ion Ratio Lower Upper

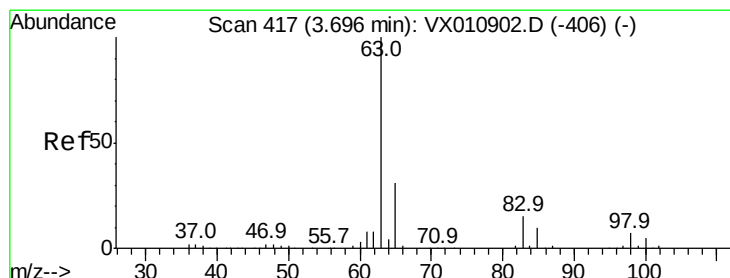
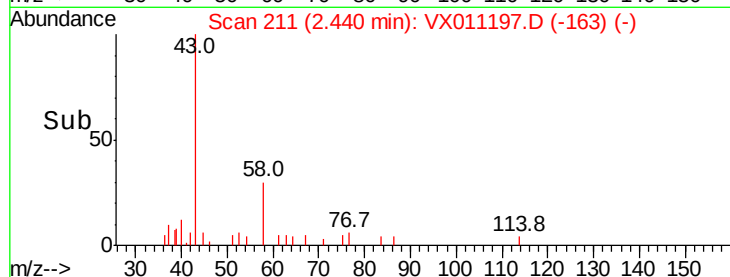
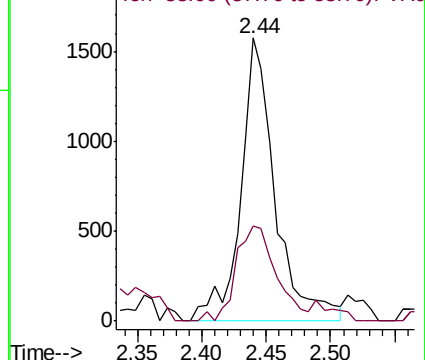
43 100

58 33.7 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#24

1,1-Dichloroethane

Concen: 4.464 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX011197.D

Acq: 30 Jul 2019 16:06

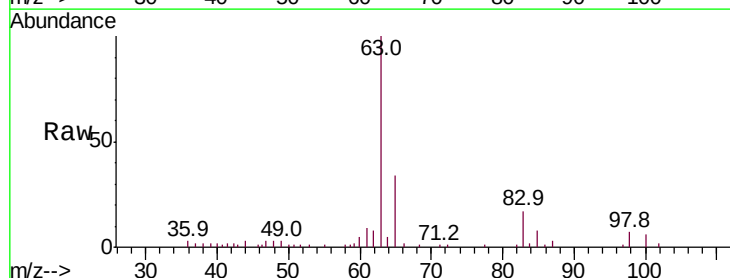
Tgt Ion: 63 Resp: 15511

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

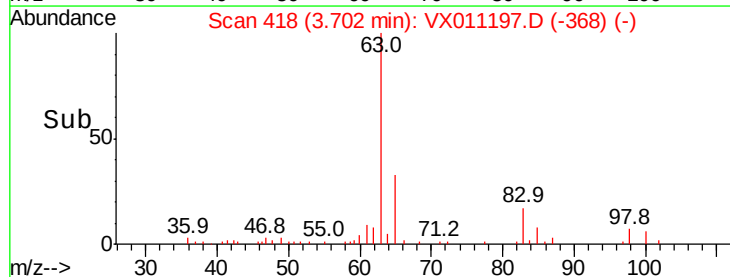
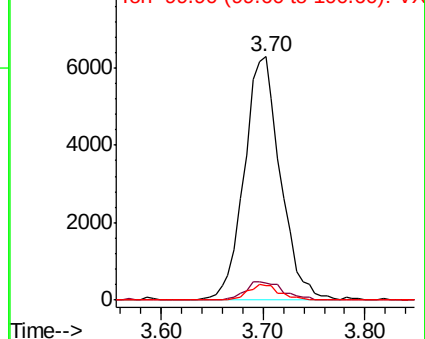
100 5.8 2.4 7.2

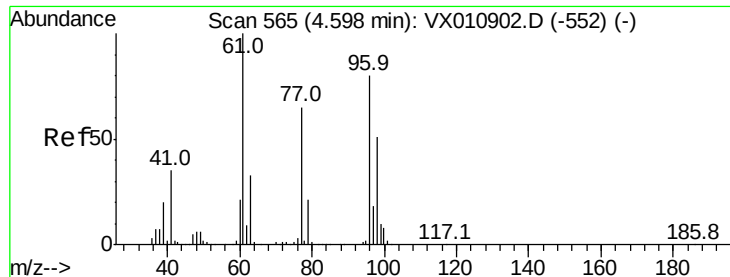


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



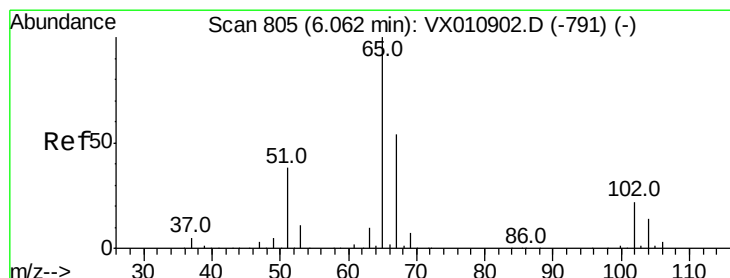
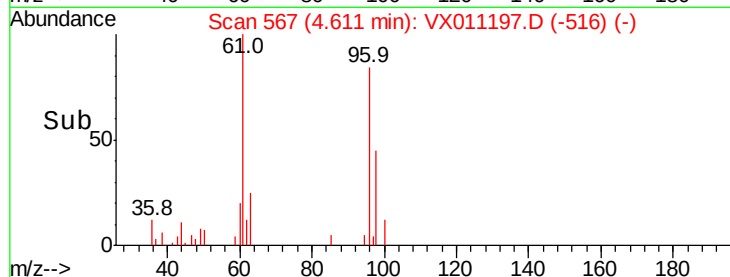
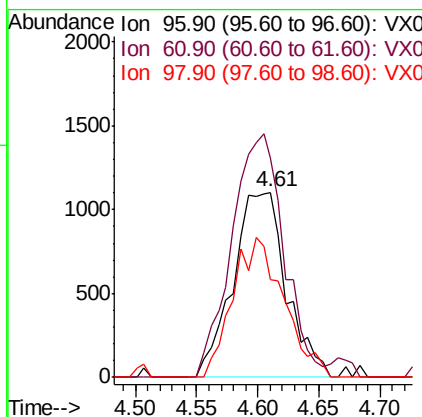
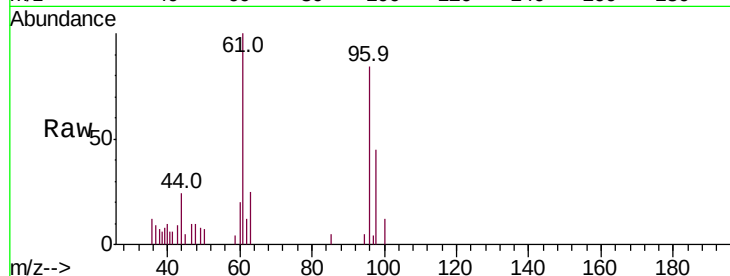


#27

cis-1,2-Dichloroethene
Concen: 1.400 ug/l
RT: 4.61 min Scan# 567
Delta R.T. 0.01 min
Lab File: VX011197.D
Acq: 30 Jul 2019 16:06

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB203-GW-398-400

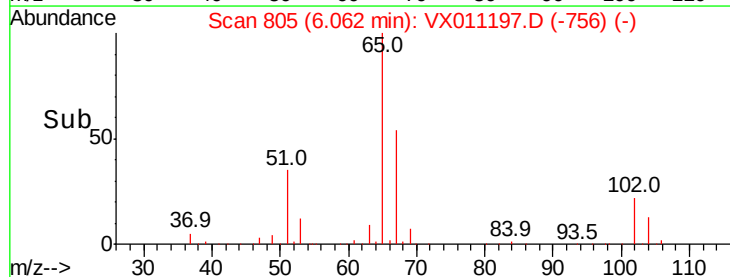
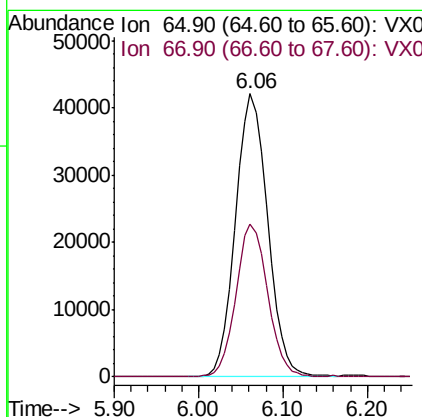
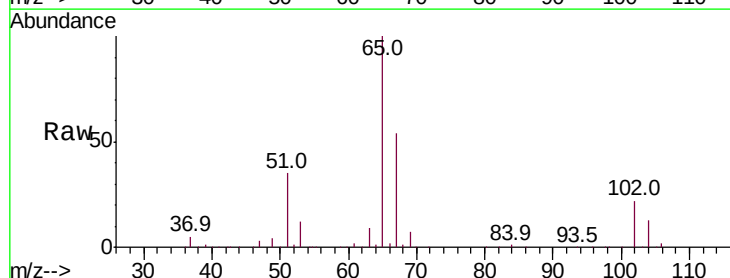
Tot Ion: 96 Resp: 3357
Ion Ratio Lower Upper
96 100
61 128.3 0.0 269.0
98 72.1 0.0 131.4

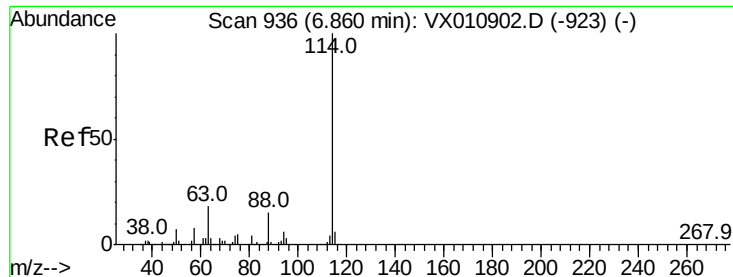


#33

1,2-Dichloroethane-d4
Concen: 46.721 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011197.D
Acq: 30 Jul 2019 16:06

Tgt Ion: 65 Resp: 108990
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.8

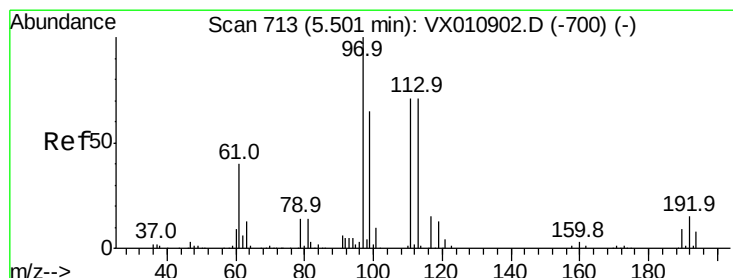
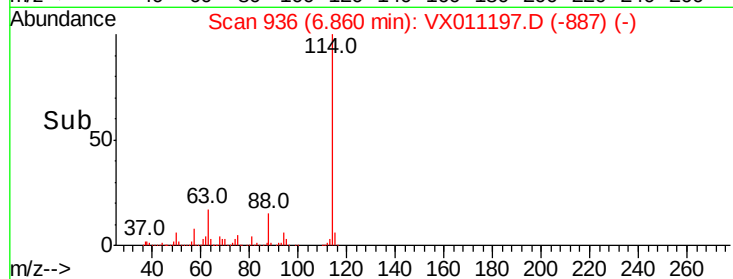
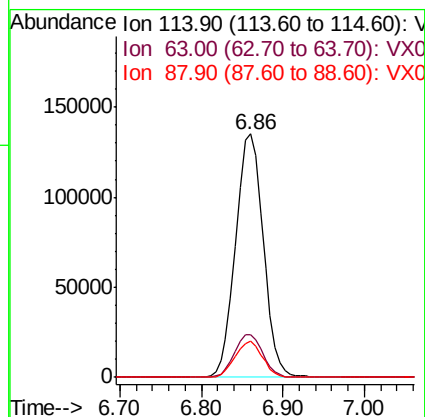
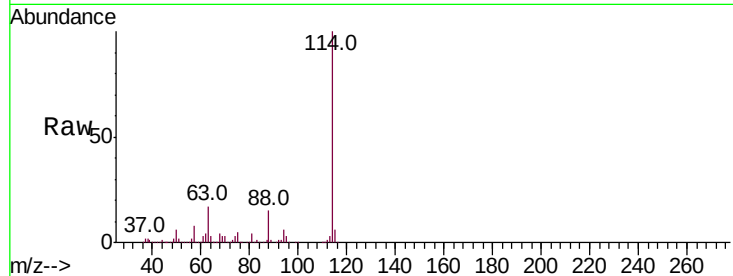




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX011197.D
Acq: 30 Jul 2019 16:06

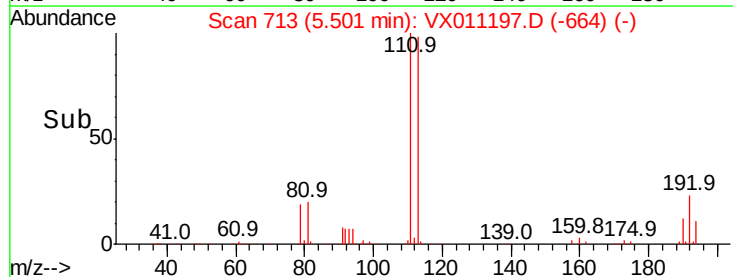
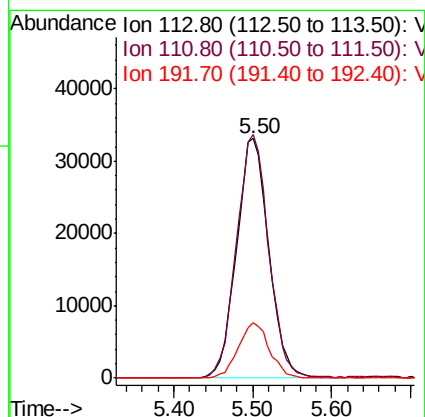
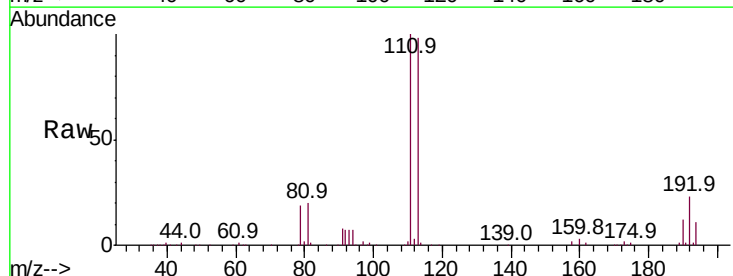
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB203-GW-398-400

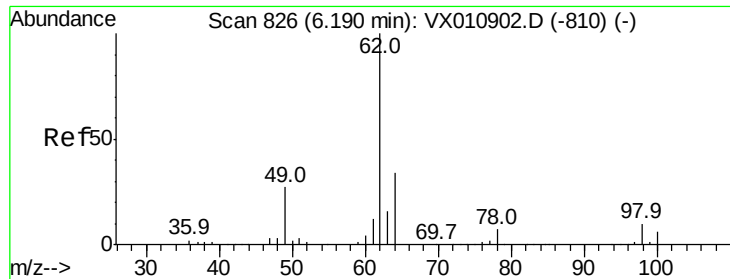
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	35.6
88	14.8	0.0	29.8



#35
Dibromofluoromethane
Concen: 46.824 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX011197.D
Acq: 30 Jul 2019 16:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.3	123.5
192	22.2	17.4	26.2

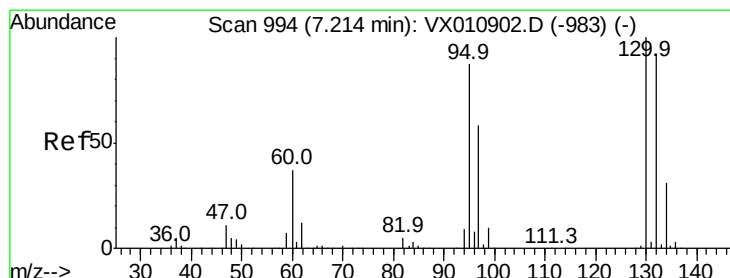
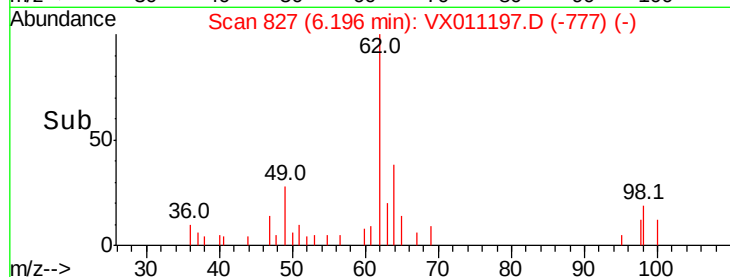
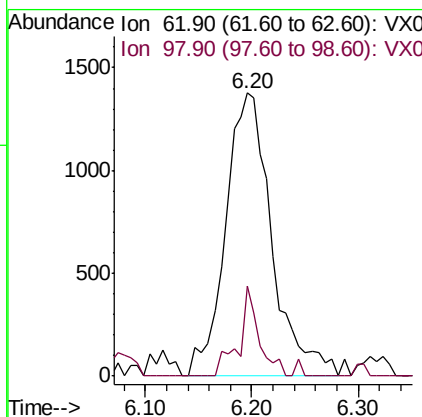
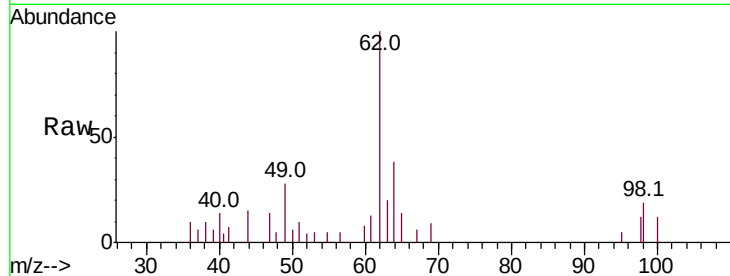




#42
 1,2-Dichloroethane
 Concen: 1.508 ug/l
 RT: 6.20 min Scan# 827
 Delta R.T. 0.01 min
 Lab File: VX011197.D
 Acq: 30 Jul 2019 16:06

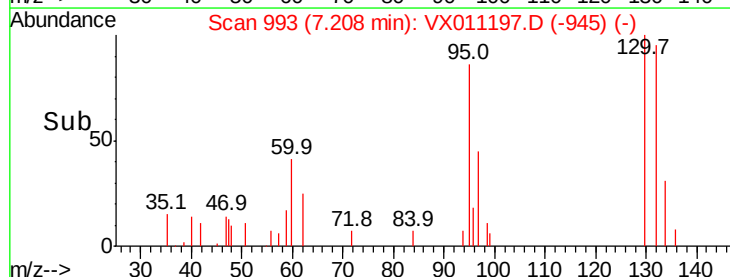
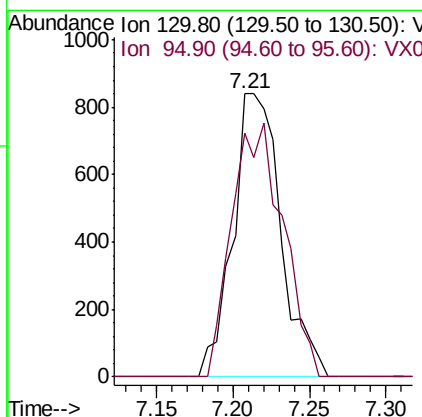
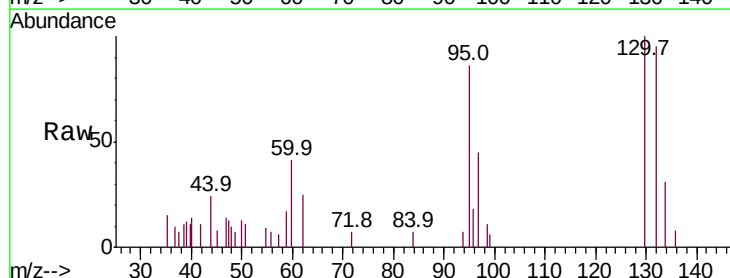
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-GW-398-400

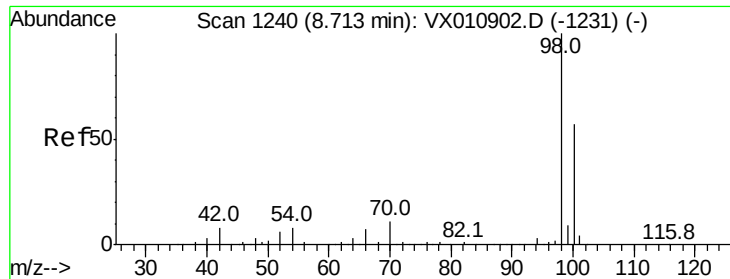
Tot Ion: 62 Resp: 4186
 Ion Ratio Lower Upper
 62 100
 98 13.9 0.0 20.0



#44
 Trichloroethene
 Concen: 0.775 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX011197.D
 Acq: 30 Jul 2019 16:06

Tgt Ion:130 Resp: 1832
 Ion Ratio Lower Upper
 130 100
 95 85.9 0.0 174.8





#50

Toluene-d8

Concen: 48.493 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011197.D

Acq: 30 Jul 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

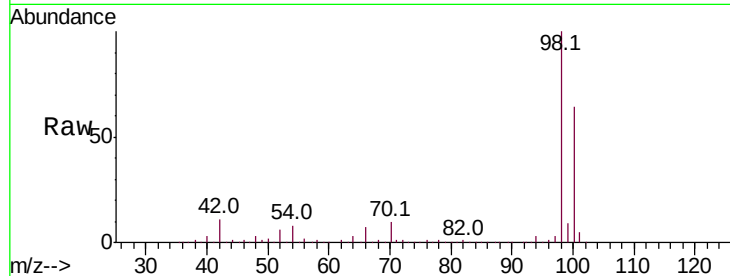
BP-VPB203-GW-398-400

Tot Ion: 98 Resp: 366242

Ion Ratio Lower Upper

98 100

100 63.6 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

150000

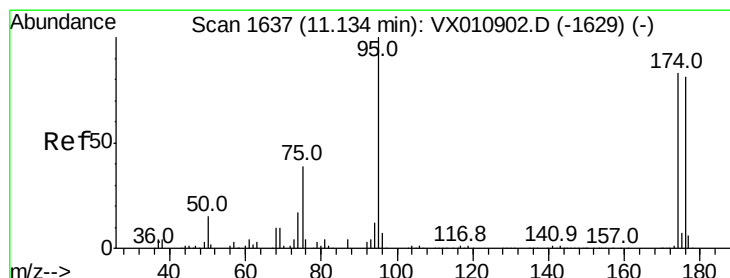
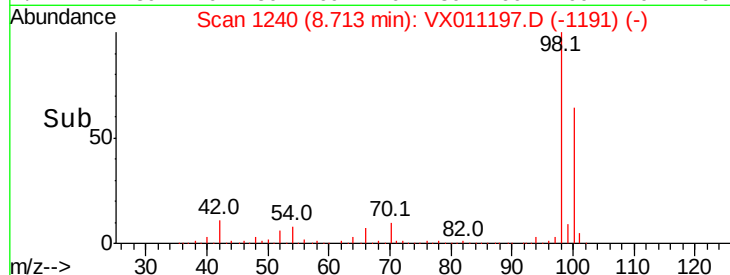
100000

50000

0

8.65 8.70 8.75 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 43.798 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011197.D

Acq: 30 Jul 2019 16:06

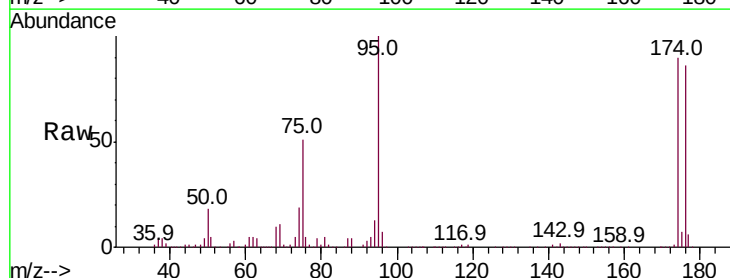
Tgt Ion: 95 Resp: 121586

Ion Ratio Lower Upper

95 100

174 93.2 0.0 180.6

176 90.0 0.0 173.8



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

11.13

120000

100000

80000

60000

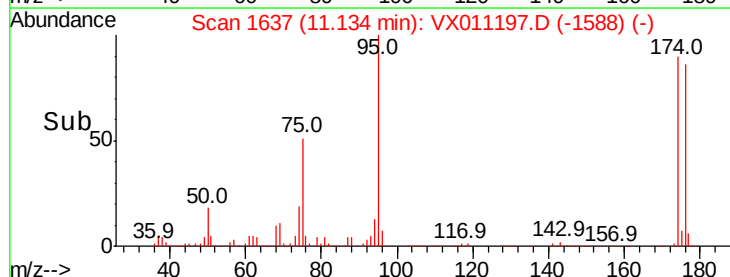
40000

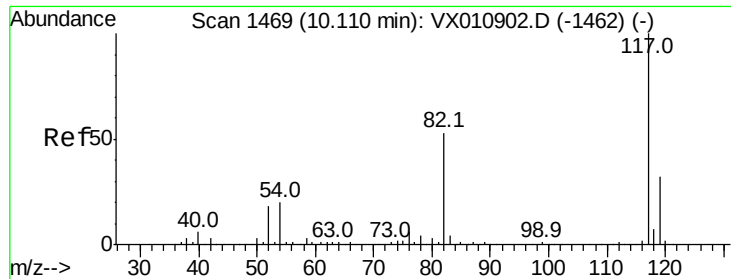
20000

0

11.10 11.20

Time-->

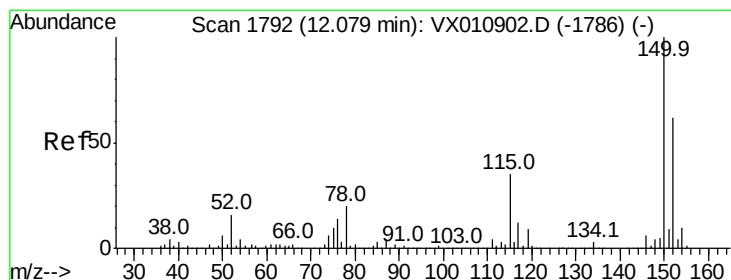
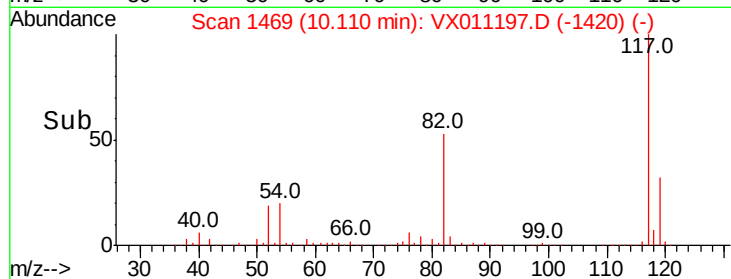
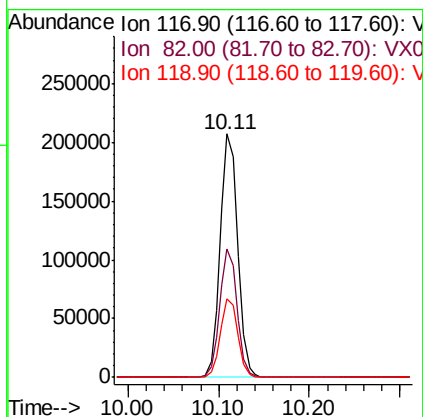
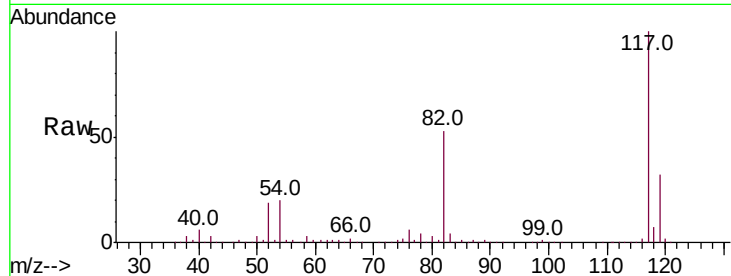




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011197.D
Acq: 30 Jul 2019 16:06

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB203-GW-398-400

Tot Ion:117 Resp: 279985
Ion Ratio Lower Upper
117 100
82 52.8 42.6 63.8
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011197.D
Acq: 30 Jul 2019 16:06

Tgt Ion:152 Resp: 130668
Ion Ratio Lower Upper
152 100
115 56.0 39.7 119.1
150 157.3 0.0 345.6

