

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030419\
 Data File : VX007813.D
 Acq On : 04 Mar 2019 16:22
 Operator : JC/SP
 Sample : K1719-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-485-487

Quant Time: Mar 04 22:15:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

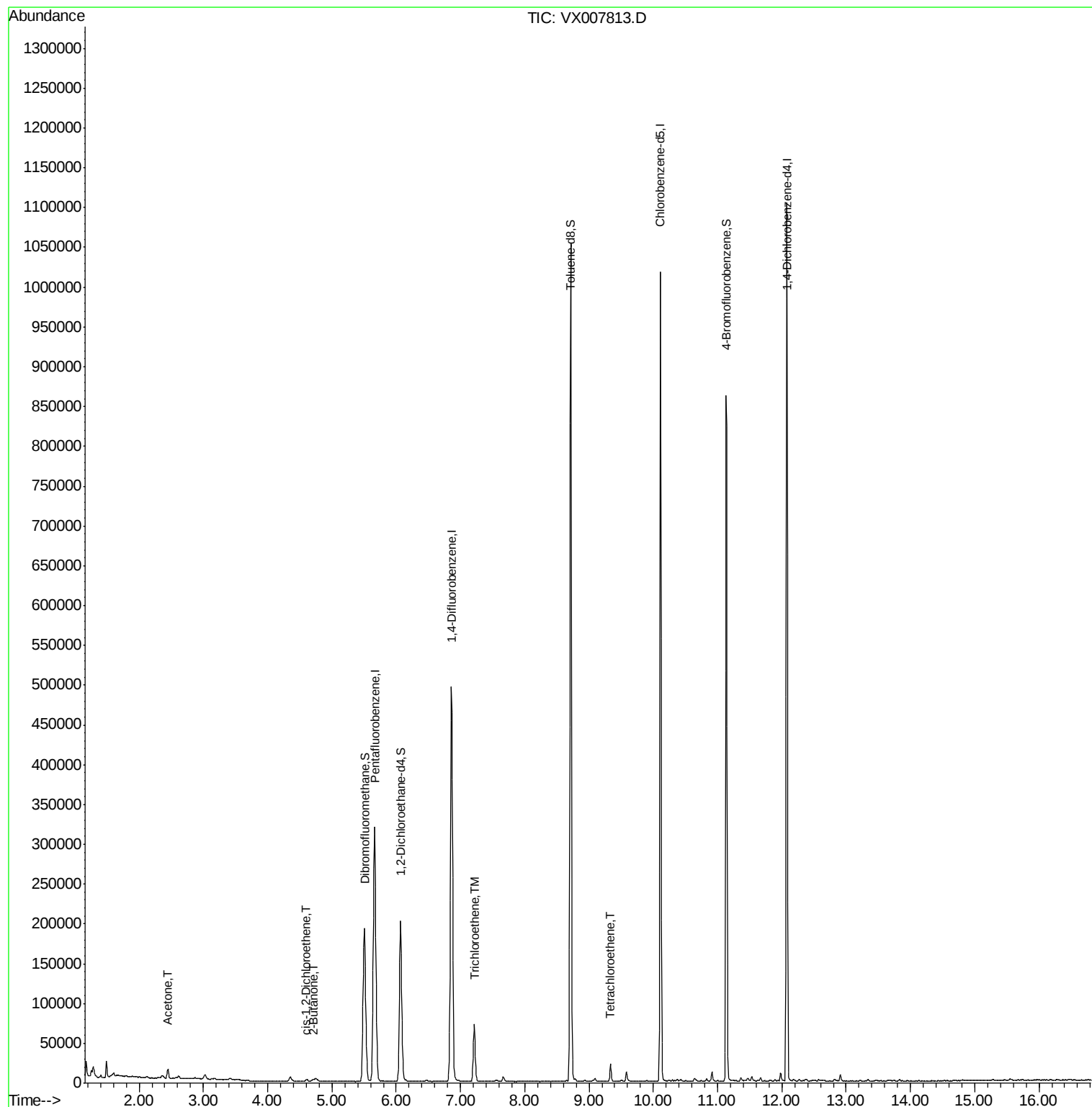
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	337013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	523490	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	489380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236826	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	183687	44.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.00%	
35) Dibromofluoromethane	5.51	113	166667	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
50) Toluene-d8	8.71	98	629735	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	
62) 4-Bromofluorobenzene	11.13	95	232201	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
Target Compounds						
16) Acetone	2.45	43	12235	6.591	ug/l	97
25) 2-Butanone	4.70	43	4882	1.726	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	1522	0.373	ug/l	97
44) Trichloroethene	7.21	130	29223	7.312	ug/l	89
64) Tetrachloroethene	9.34	164	4467	1.124	ug/l	94

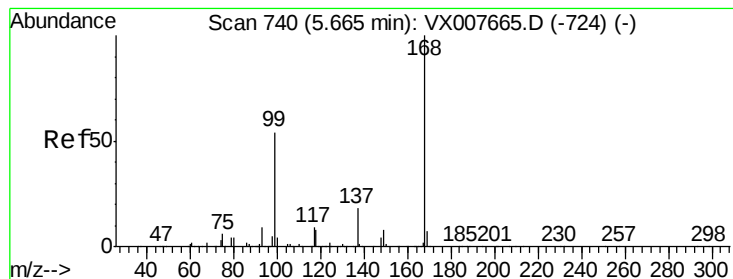
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB201-GW-485-487

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
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: VX007813.D

Acq: 04 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

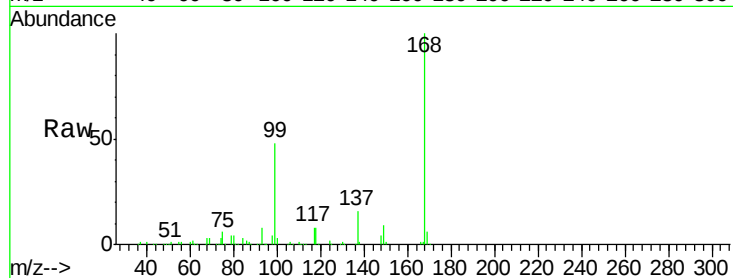
BP-VPB201-GW-485-487

Tot Ion:168 Resp: 337013

Ion Ratio Lower Upper

168 100

99 47.7 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

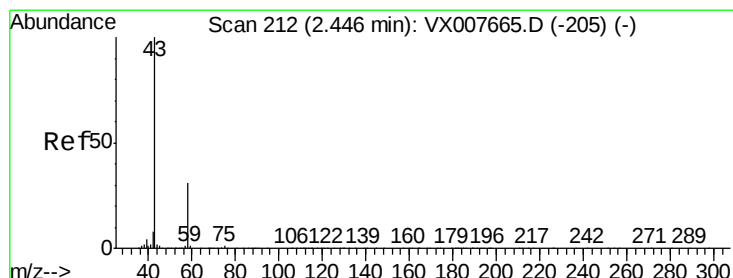
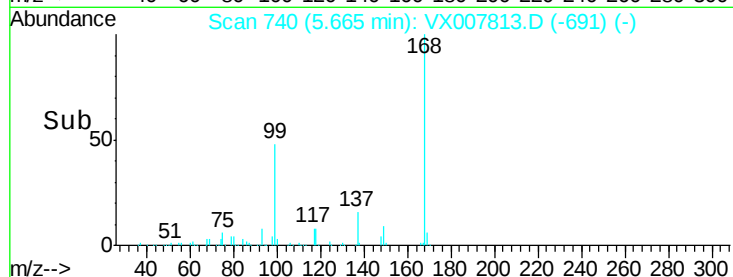
100000

50000

0

Time-->

5.60 5.70 5.80



#16

Acetone

Concen: 6.591 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007813.D

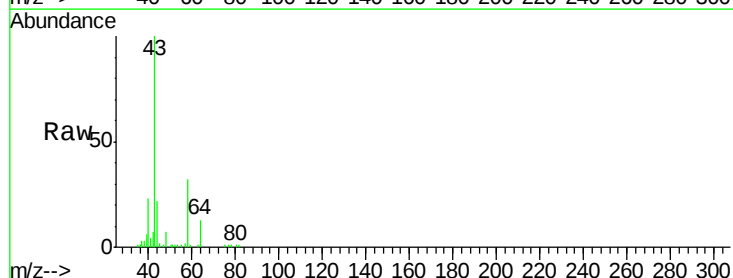
Acq: 04 Mar 2019 16:22

Tgt Ion: 43 Resp: 12235

Ion Ratio Lower Upper

43 100

58 32.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

8000

6000

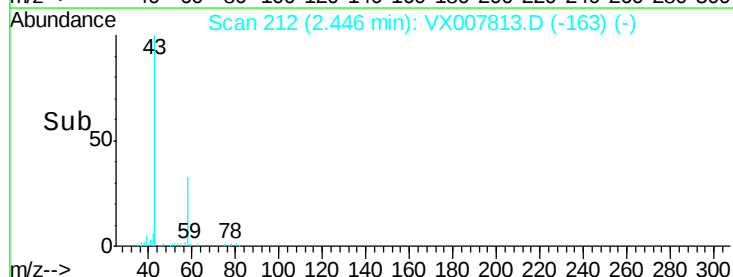
4000

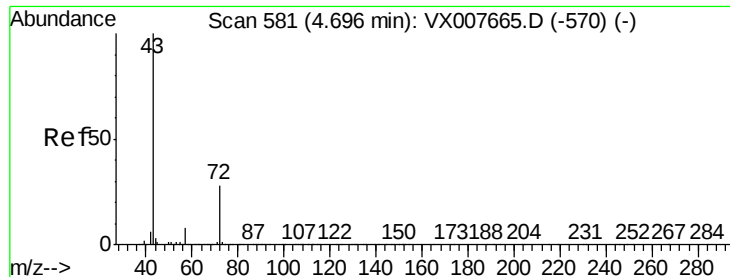
2000

0

Time-->

2.40 2.45 2.50 2.55





#25

2-Butanone

Concen: 1.726 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007813.D

Acq: 04 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

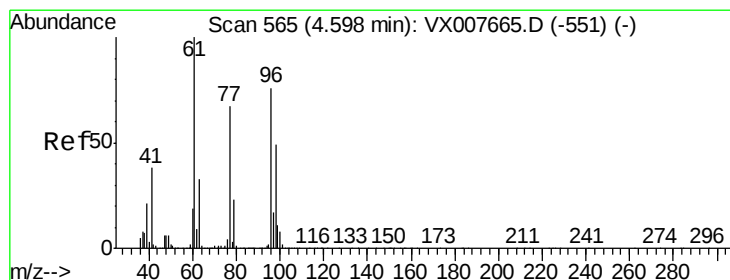
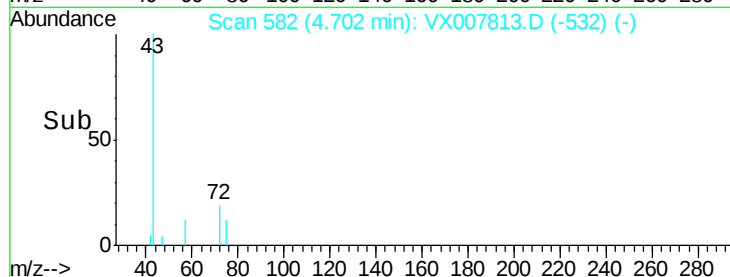
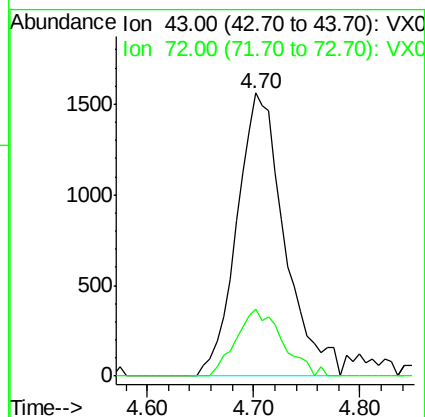
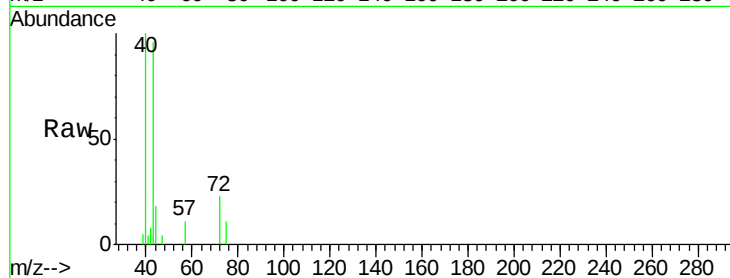
BP-VPB201-GW-485-487

Tot Ion: 43 Resp: 4882

Ion Ratio Lower Upper

43 100

72 23.9 22.2 33.2



#27

cis-1,2-Dichloroethene

Concen: 0.373 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX007813.D

Acq: 04 Mar 2019 16:22

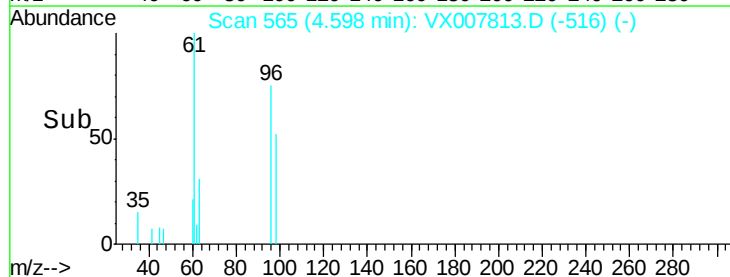
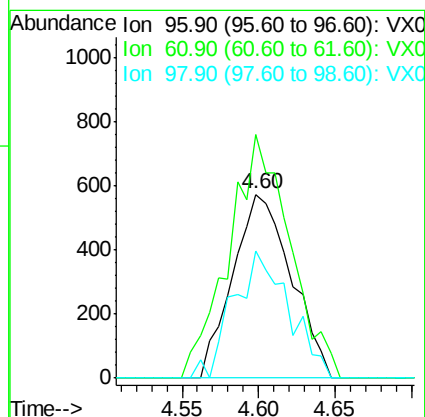
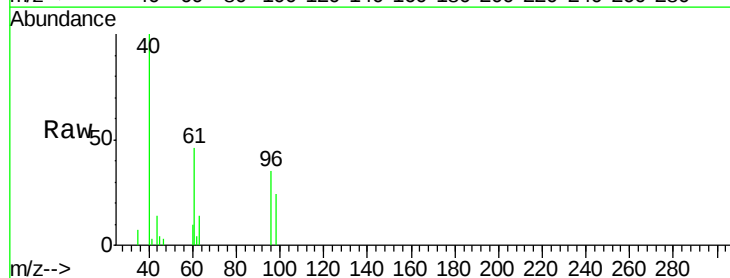
Tgt Ion: 96 Resp: 1522

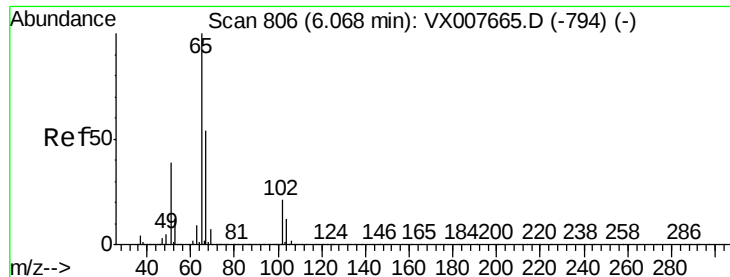
Ion Ratio Lower Upper

96 100

61 138.0 0.0 265.6

98 65.2 0.0 131.6





#33

1,2-Dichloroethane-d4

Concen: 44.002 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007813.D

Acq: 04 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

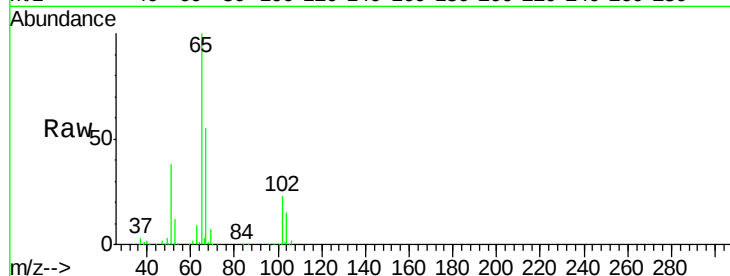
BP-VPB201-GW-485-487

Tot Ion: 65 Resp: 183687

Ion Ratio Lower Upper

65 100

67 54.5 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

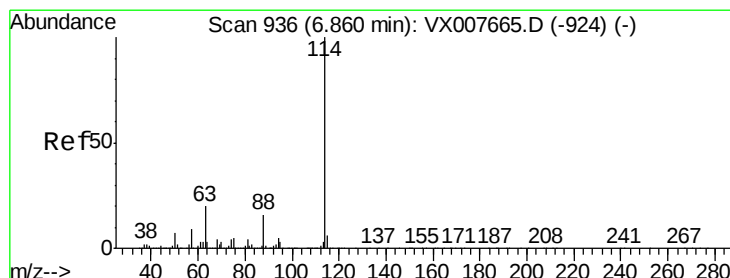
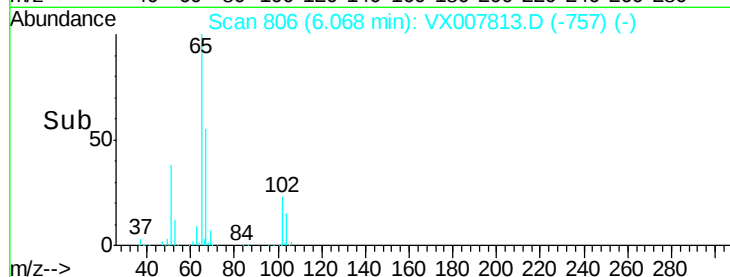
60000

40000

20000

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: VX007813.D

Acq: 04 Mar 2019 16:22

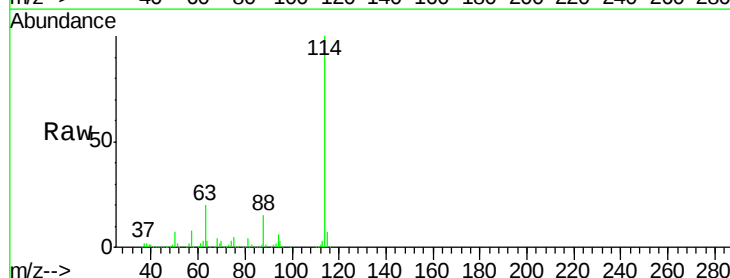
Tgt Ion: 114 Resp: 523490

Ion Ratio Lower Upper

114 100

63 19.7 0.0 35.6

88 15.4 0.0 29.6



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

300000

250000

200000

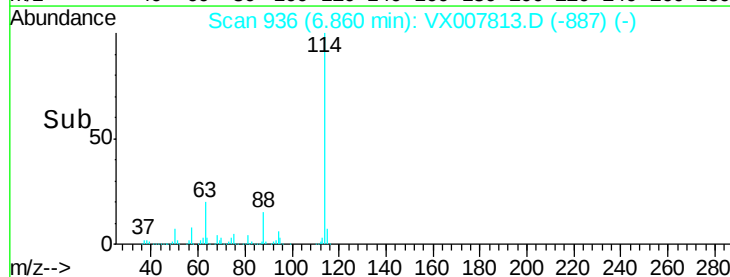
150000

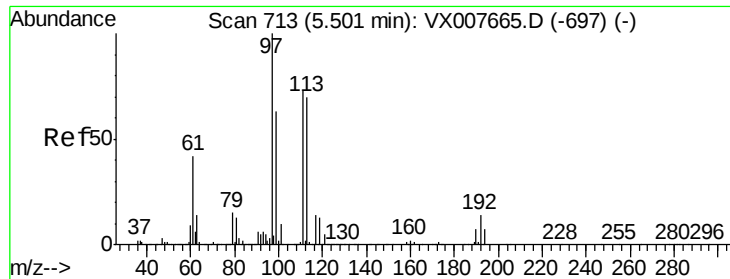
100000

50000

0

Time--> 6.70 6.80 6.90 7.00 7.10

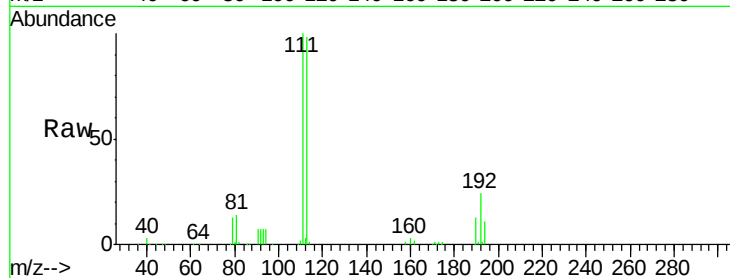




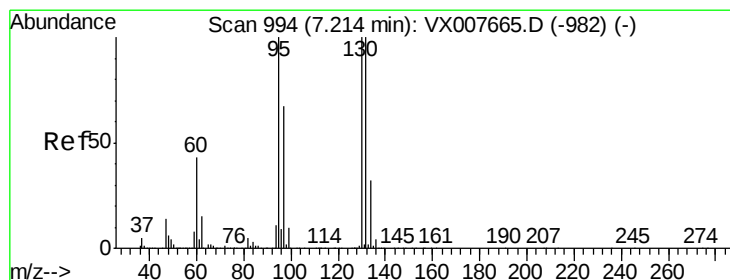
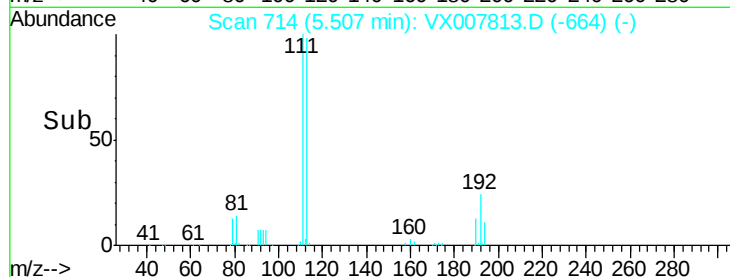
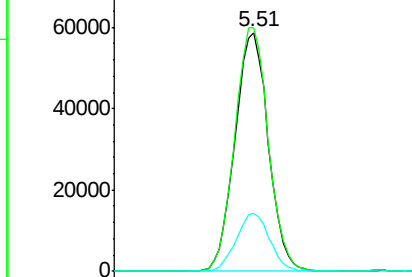
#35
 Dibromofluoromethane
 Concen: 47.628 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX007813.D
 Acq: 04 Mar 2019 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-485-487

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.8
192	24.3	18.5	27.7

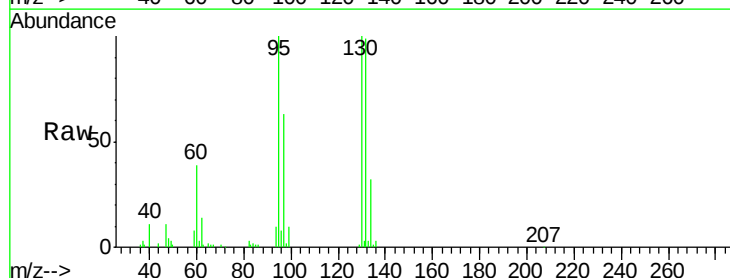


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

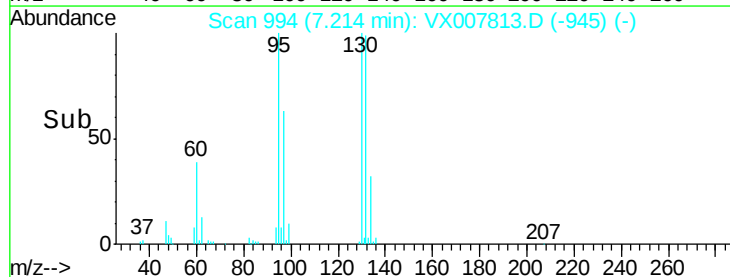
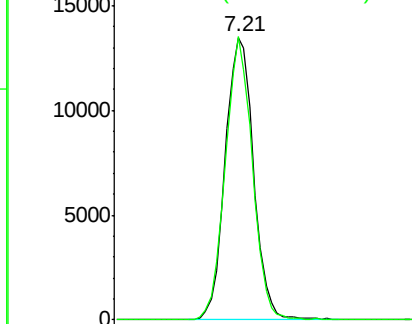


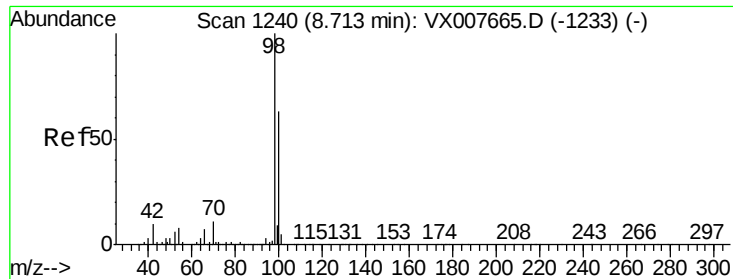
#44
 Trichloroethene
 Concen: 7.312 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007813.D
 Acq: 04 Mar 2019 16:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	180.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

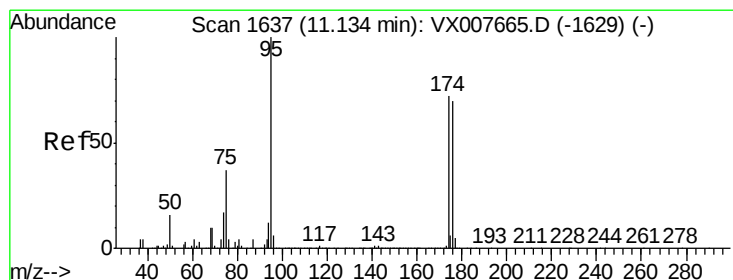
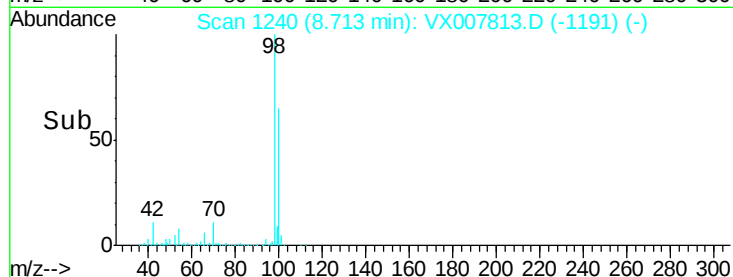
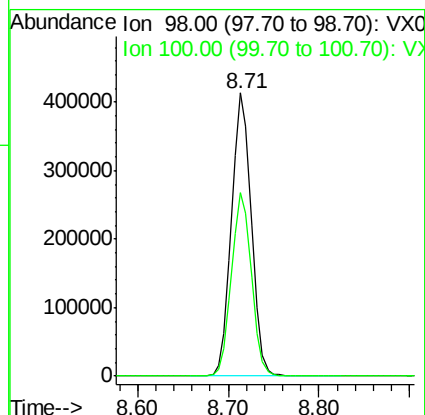
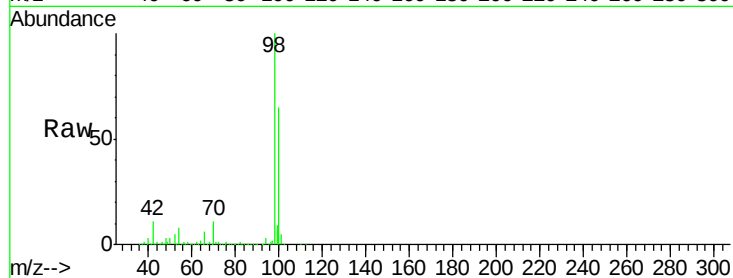




#50
Toluene-d8
Concen: 47.006 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007813.D
Acq: 04 Mar 2019 16:22

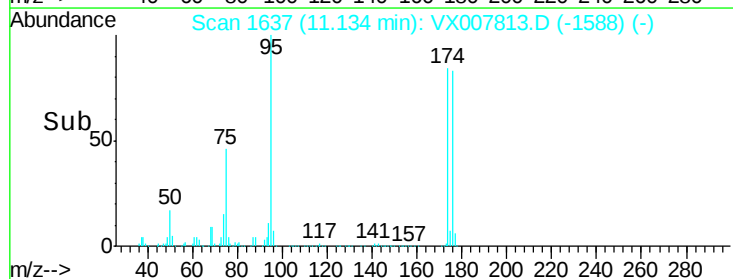
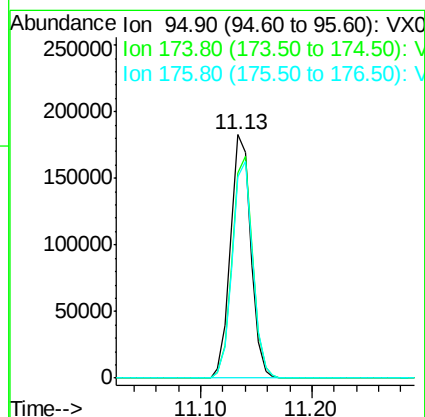
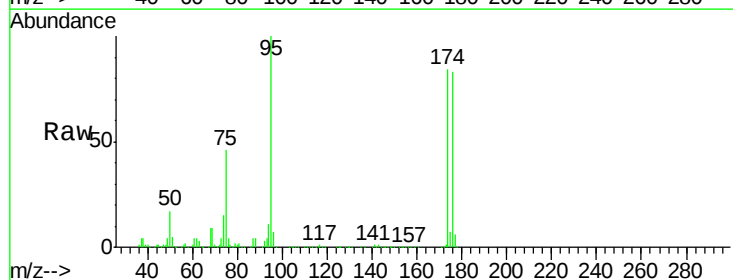
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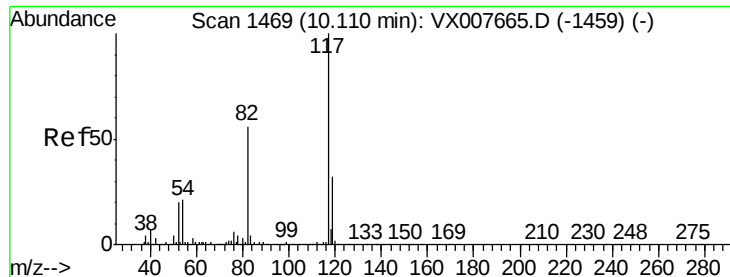
Tot Ion: 98 Resp: 629735
Ion Ratio Lower Upper
98 100
100 65.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 47.223 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007813.D
Acq: 04 Mar 2019 16:22

Tgt Ion: 95 Resp: 232201
Ion Ratio Lower Upper
95 100
174 91.0 0.0 189.2
176 89.1 0.0 186.2

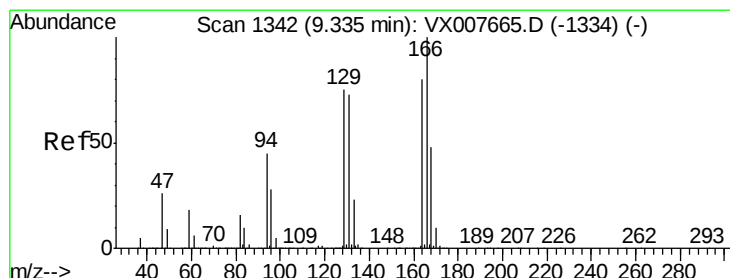
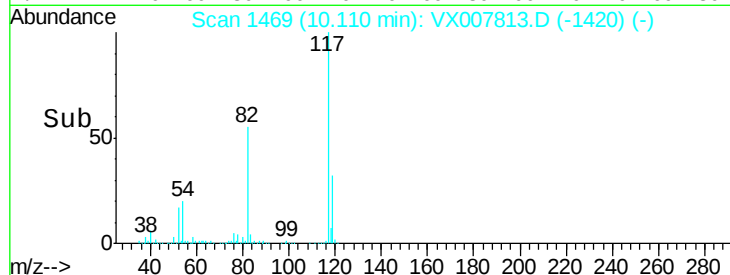
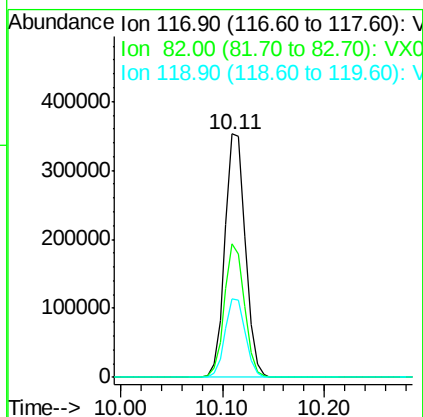
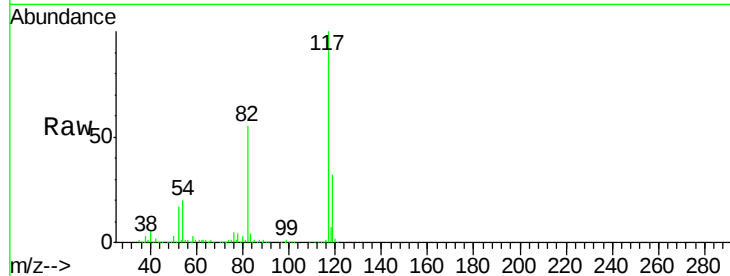




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007813.D
Acq: 04 Mar 2019 16:22

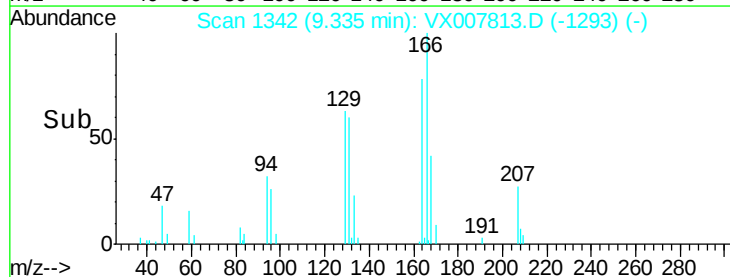
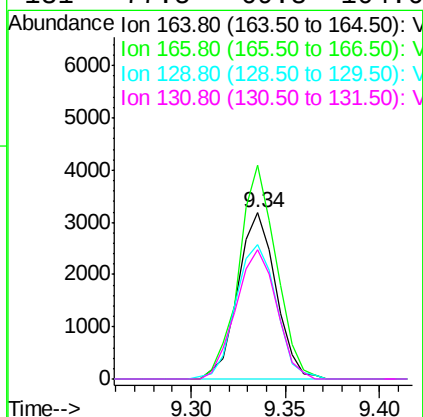
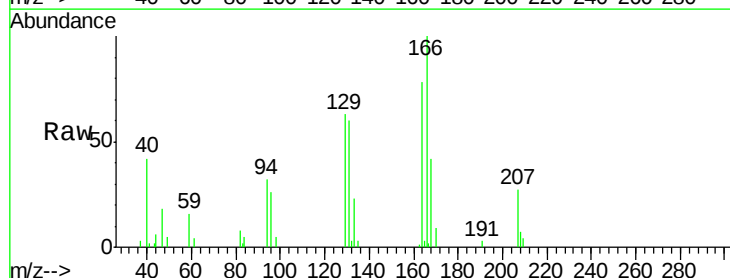
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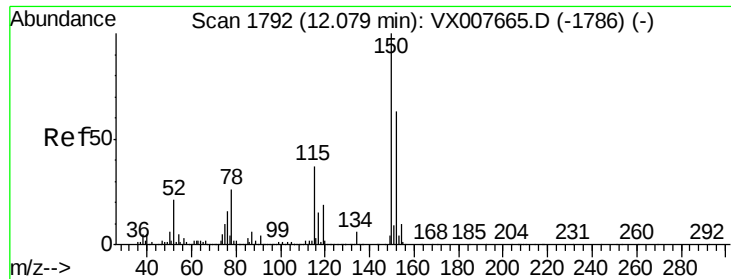
Tot Ion:117 Resp: 489380
Ion Ratio Lower Upper
117 100
82 54.8 42.1 63.1
119 32.0 26.5 39.7



#64
Tetrachloroethene
Concen: 1.124 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007813.D
Acq: 04 Mar 2019 16:22

Tgt Ion:164 Resp: 4467
Ion Ratio Lower Upper
164 100
166 128.5 101.0 151.4
129 81.1 70.5 105.7
131 77.5 69.8 104.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007813.D

Acq: 04 Mar 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-485-487

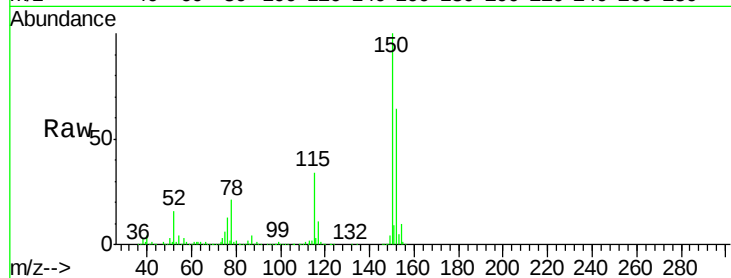
Tot Ion:152 Resp: 236826

Ion Ratio Lower Upper

152 100

115 54.9 38.0 114.0

150 157.9 0.0 346.4



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

