

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011192.D
 Acq On : 30 Jul 2019 14:10
 Operator : JC/SP
 Sample : K4043-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-DUP-20190724

Quant Time: Jul 31 08:20:26 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

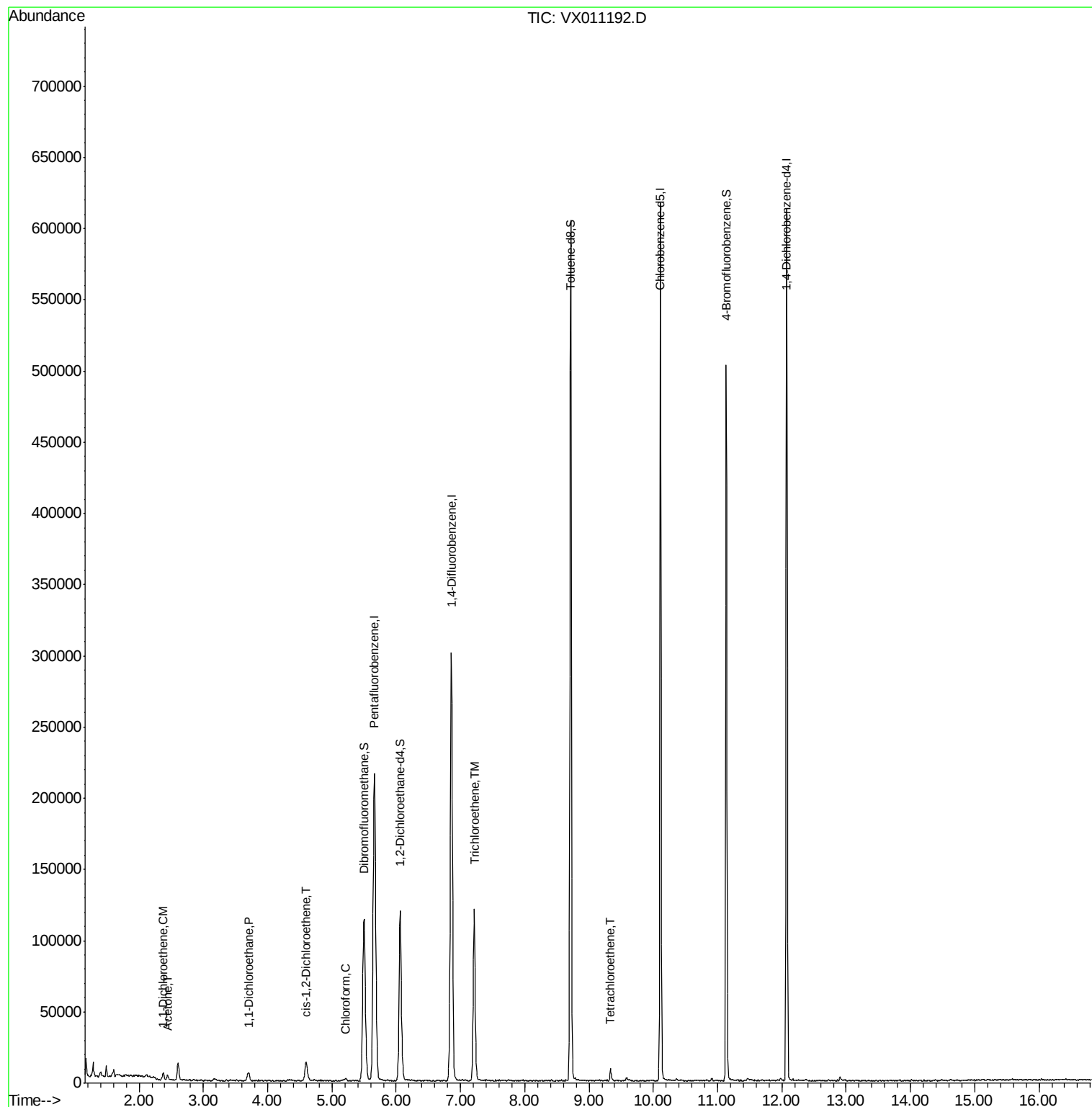
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	218794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	317898	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	278178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	130056	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	108622	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.34%	
35) Dibromofluoromethane	5.50	113	95287	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
50) Toluene-d8	8.71	98	367658	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	11.13	95	120100	43.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.34%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.37	96	1877	0.963	ug/l #	86
16) Acetone	2.44	43	3656	3.478	ug/l	93
24) 1,1-Dichloroethane	3.70	63	5897	1.701	ug/l #	91
27) cis-1,2-Dichloroethene	4.60	96	8987	3.755	ug/l	89
30) Chloroform	5.21	83	1630	0.435	ug/l #	73
44) Trichloroethene	7.21	130	47412	20.025	ug/l	95
64) Tetrachloroethene	9.34	164	1417	0.648	ug/l	88

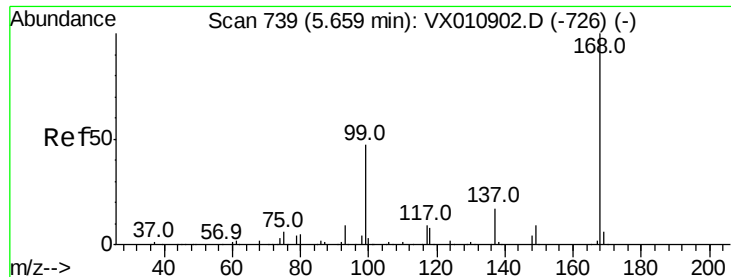
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011192.D

Acq: 30 Jul 2019 14:10

Instrument :

MSVOA_X

ClientSampleId :

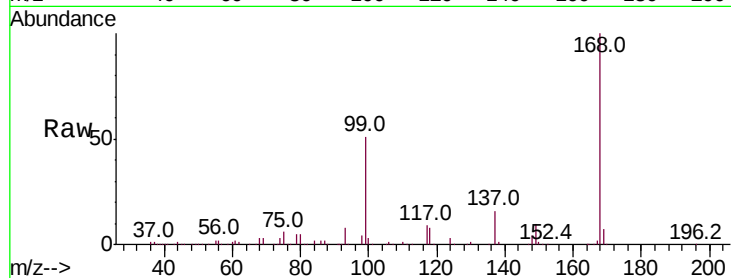
BP-VPB203-DUP-20190724

Tot Ion:168 Resp: 218794

Ion Ratio Lower Upper

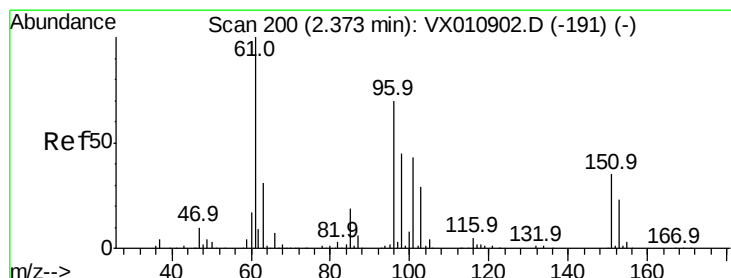
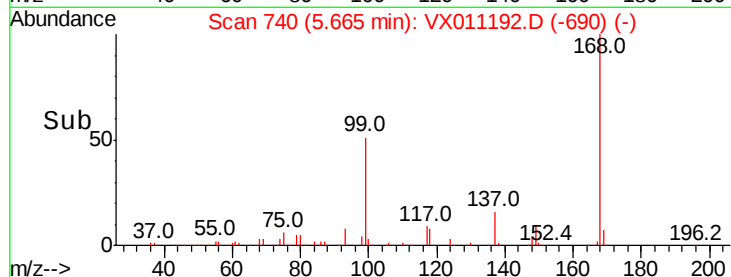
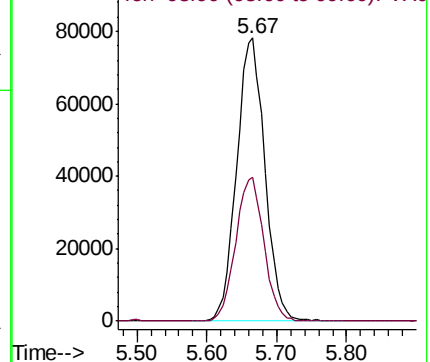
168 100

99 50.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#12

1,1-Dichloroethene

Concen: 0.963 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011192.D

Acq: 30 Jul 2019 14:10

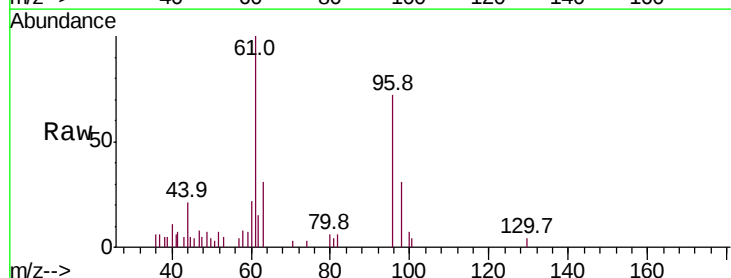
Tgt Ion: 96 Resp: 1877

Ion Ratio Lower Upper

96 100

61 135.2 115.0 172.4

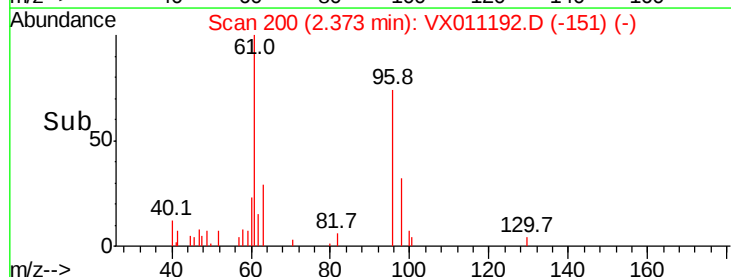
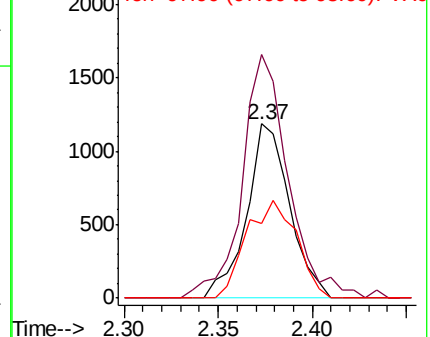
98 43.0 52.2 78.2#

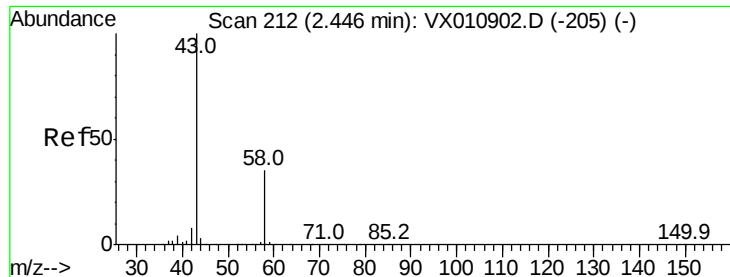


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#16

Acetone

Concen: 3.478 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011192.D

Acq: 30 Jul 2019 14:10

Instrument :

MSVOA_X

ClientSampleId :

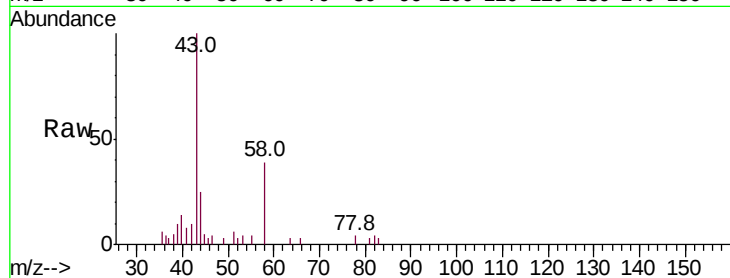
BP-VPB203-DUP-20190724

Tot Ion: 43 Resp: 3656

Ion Ratio Lower Upper

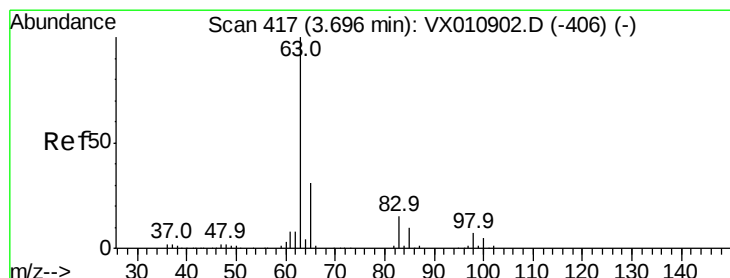
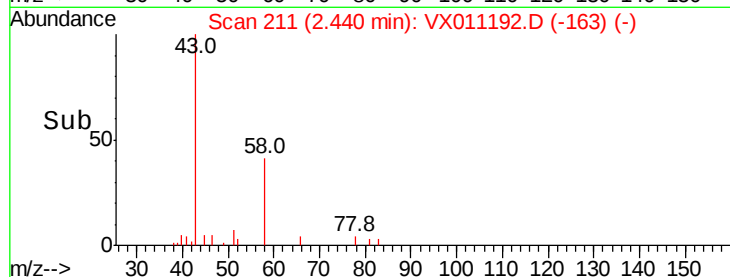
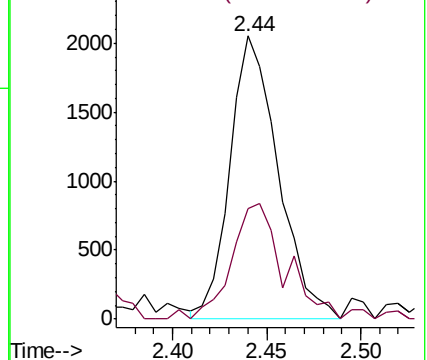
43 100

58 38.9 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: 1.701 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX011192.D

Acq: 30 Jul 2019 14:10

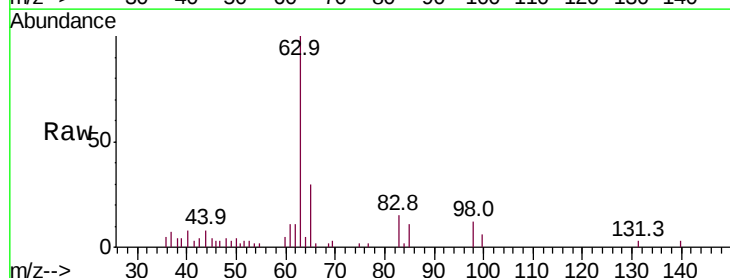
Tgt Ion: 63 Resp: 5897

Ion Ratio Lower Upper

63 100

98 11.9 3.6 10.9#

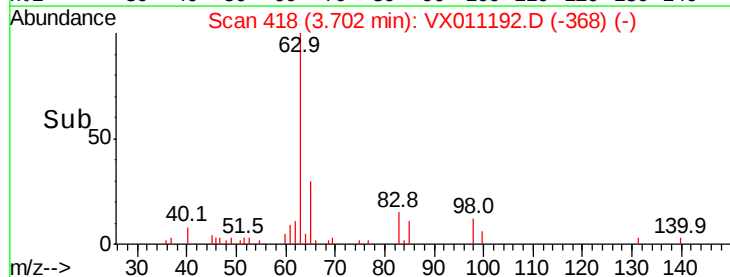
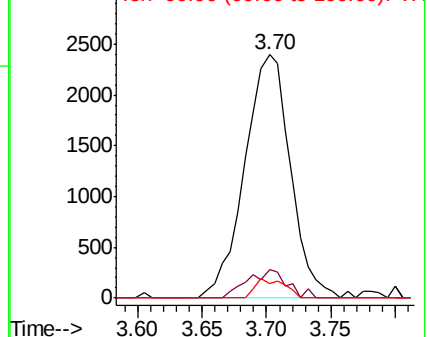
100 5.8 2.4 7.2

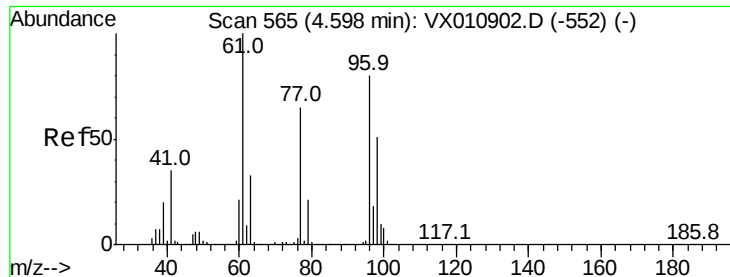


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



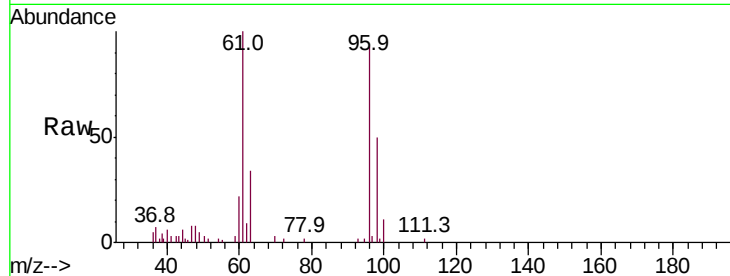


#27

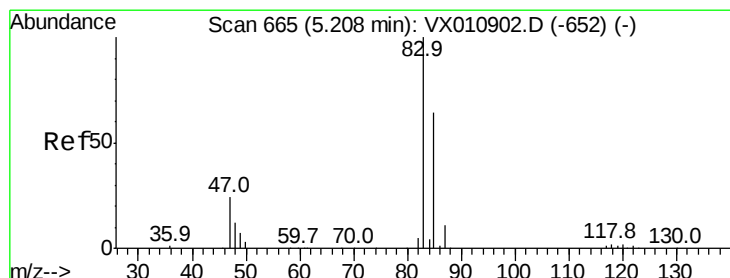
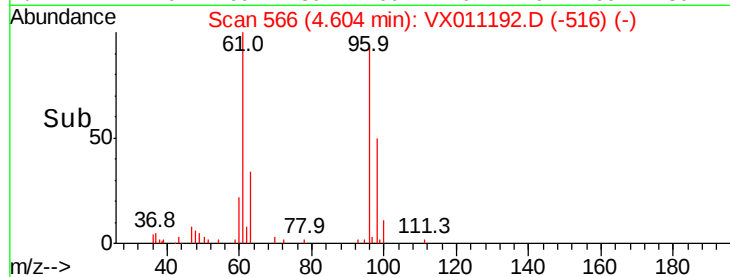
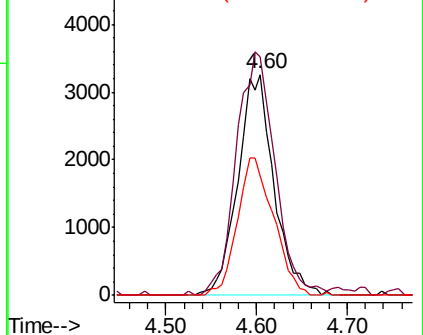
cis-1,2-Dichloroethene
Concen: 3.755 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX011192.D
Acq: 30 Jul 2019 14:10

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB203-DUP-20190724

Tot Ion	96	Resp	8987
Ion	Ratio	Lower	Upper
96	100		
61	118.0	0.0	269.0
98	62.5	0.0	131.4



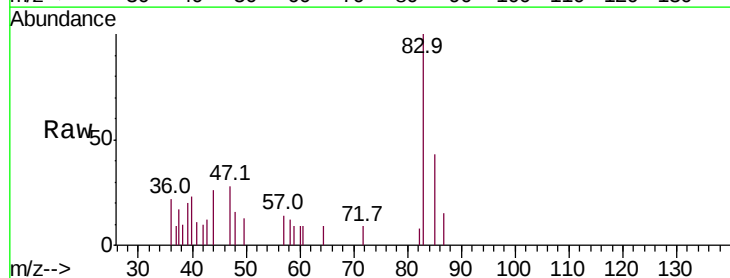
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



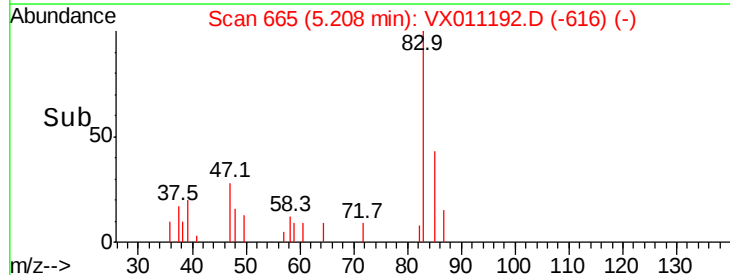
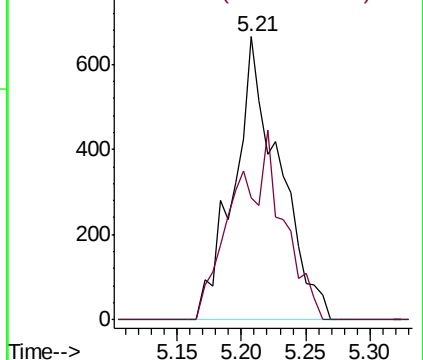
#30

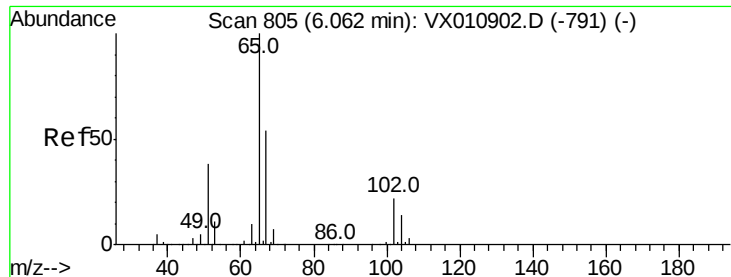
Chloroform
Concen: 0.435 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX011192.D
Acq: 30 Jul 2019 14:10

Tgt Ion	83	Resp	1630
Ion	Ratio	Lower	Upper
83	100		
85	43.1	51.4	77.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.666 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011192.D

Acq: 30 Jul 2019 14:10

Instrument :

MSVOA_X

ClientSampleId :

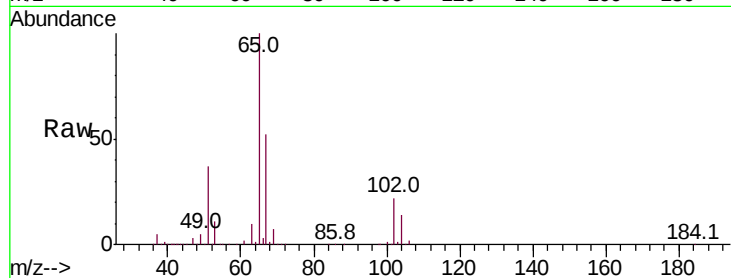
BP-VPB203-DUP-20190724

Tot Ion: 65 Resp: 108622

Ion Ratio Lower Upper

65 100

67 52.8 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

40000

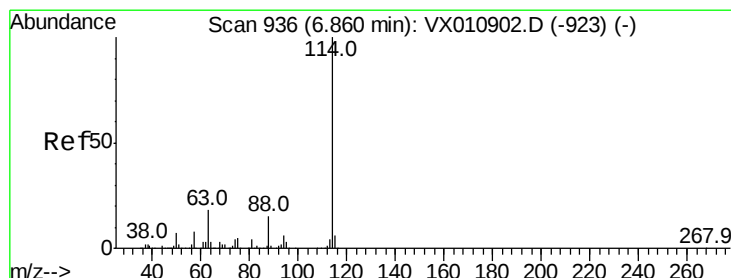
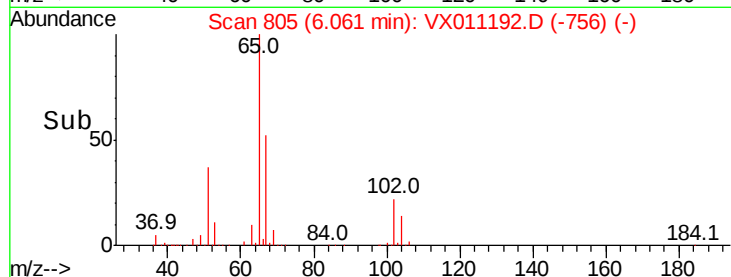
30000

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: VX011192.D

Acq: 30 Jul 2019 14:10

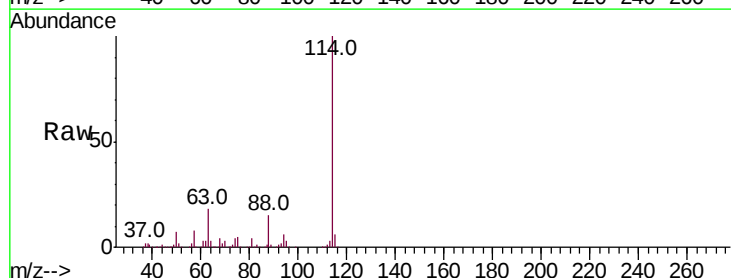
Tgt Ion: 114 Resp: 317898

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

88 14.6 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

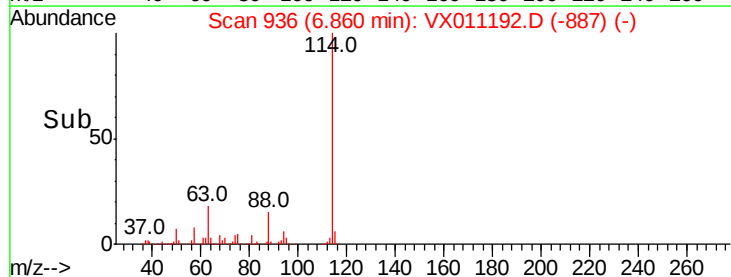
150000

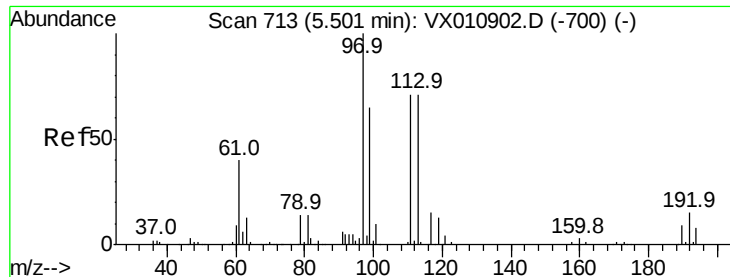
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

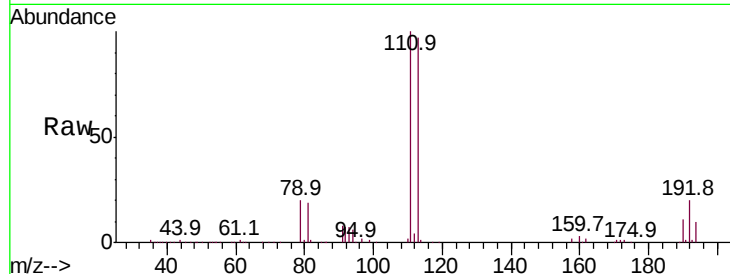




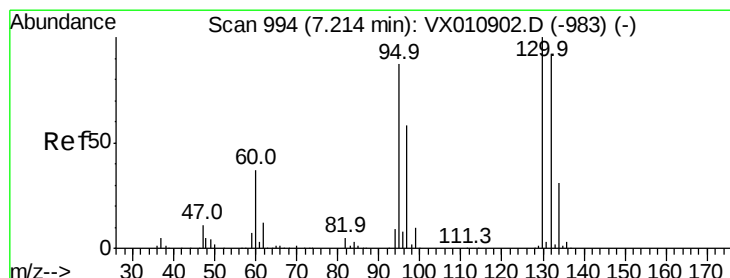
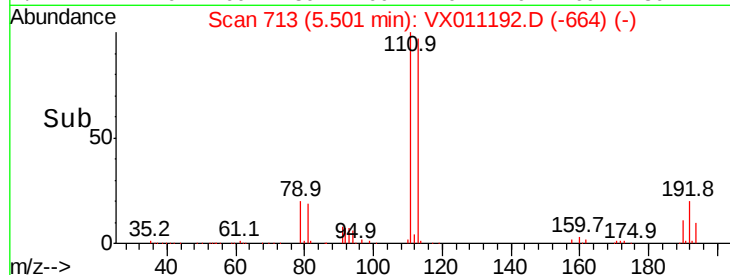
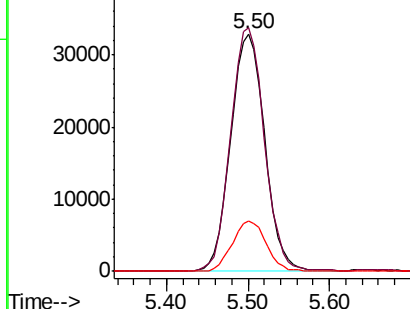
#35
 Dibromofluoromethane
 Concen: 47.224 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX011192.D
 Acq: 30 Jul 2019 14:10

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-DUP-20190724

Tot Ion:113 Resp: 95287
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.3 123.5
 192 21.0 17.4 26.2

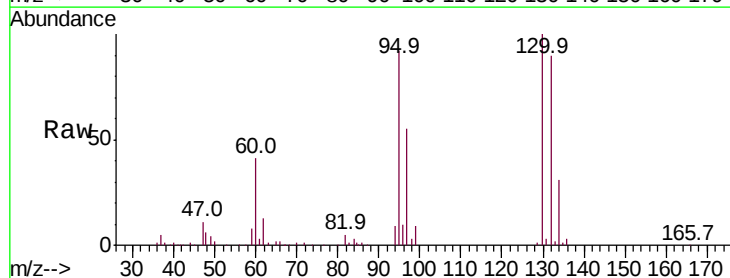


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

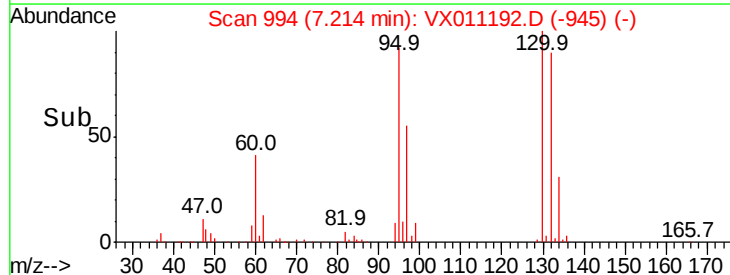
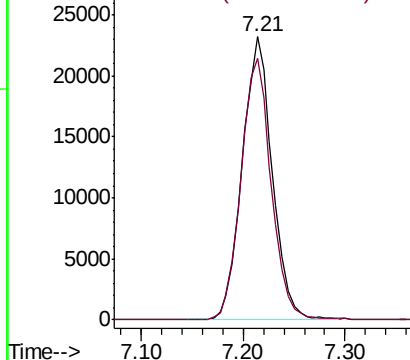


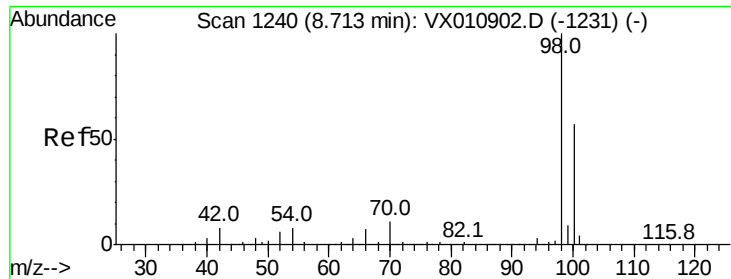
#44
 Trichloroethene
 Concen: 20.025 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX011192.D
 Acq: 30 Jul 2019 14:10

Tgt Ion:130 Resp: 47412
 Ion Ratio Lower Upper
 130 100
 95 92.4 0.0 174.8



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

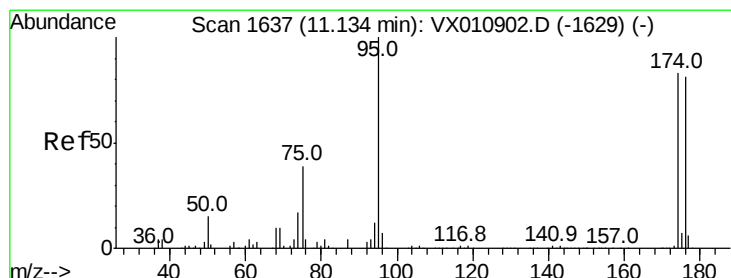
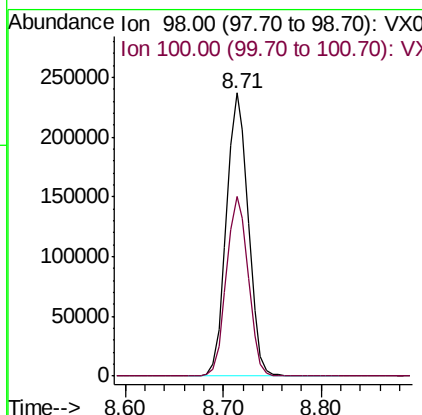
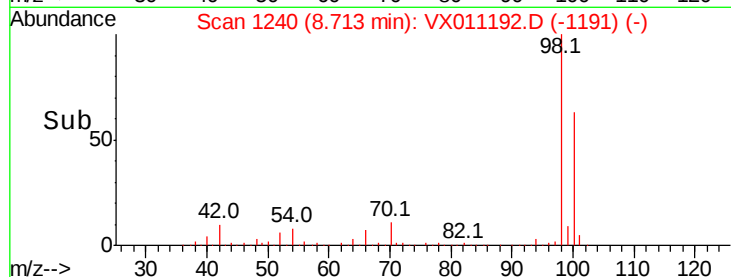
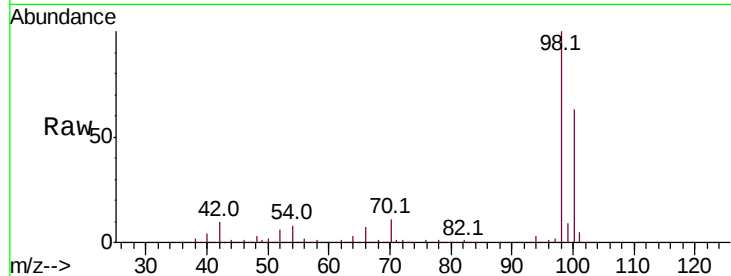




#50
Toluene-d8
Concen: 48.581 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011192.D
Acq: 30 Jul 2019 14:10

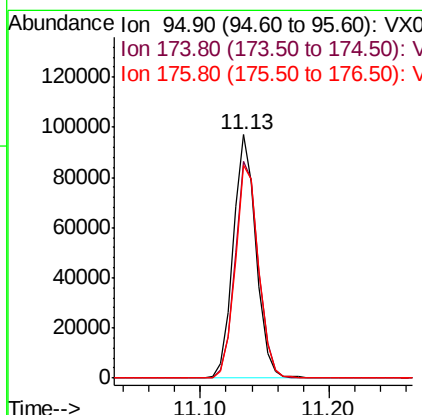
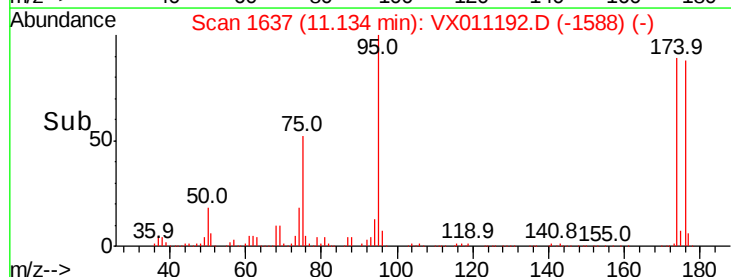
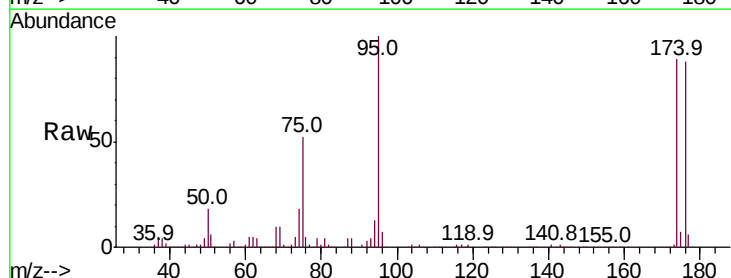
Instrument :
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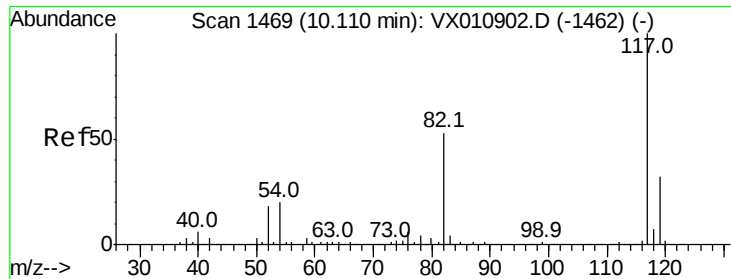
Tot Ion: 98 Resp: 367658
Ion Ratio Lower Upper
98 100
100 63.6 50.6 75.8



#62
4-Bromofluorobenzene
Concen: 43.175 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011192.D
Acq: 30 Jul 2019 14:10

Tgt Ion: 95 Resp: 120100
Ion Ratio Lower Upper
95 100
174 90.9 0.0 180.6
176 89.4 0.0 173.8

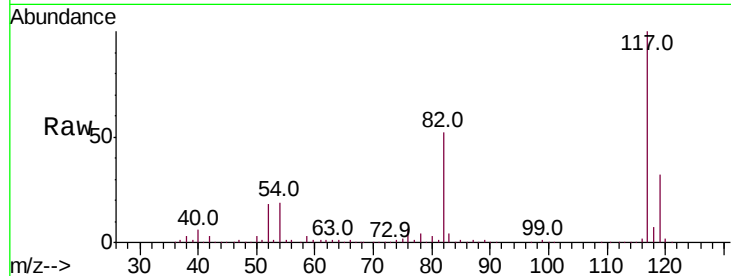




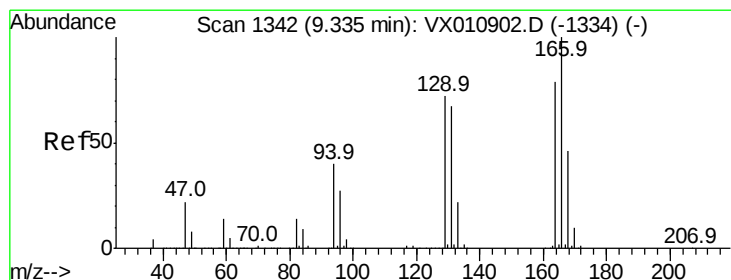
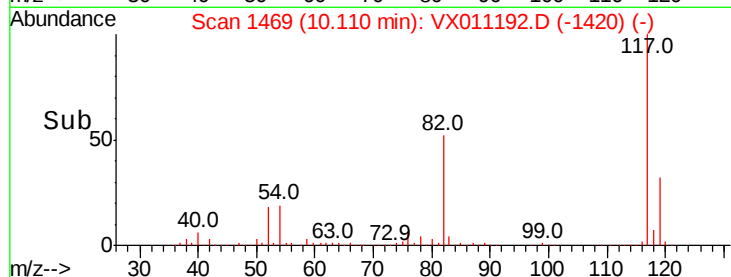
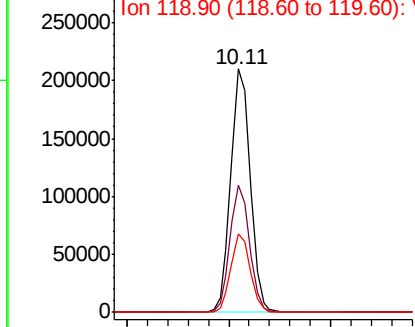
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011192.D
Acq: 30 Jul 2019 14:10

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB203-DUP-20190724

Tot Ion:117 Resp: 278178
Ion Ratio Lower Upper
117 100
82 52.2 42.6 63.8
119 32.0 25.9 38.9

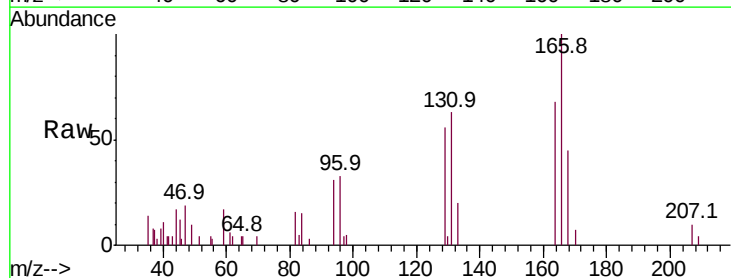


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

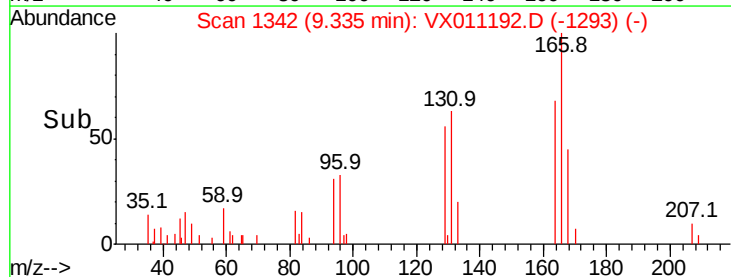
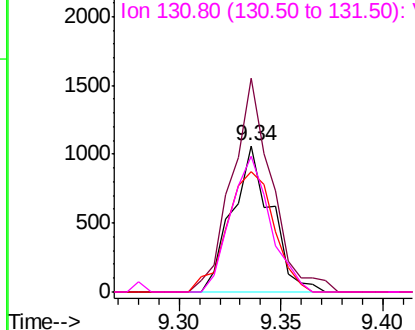


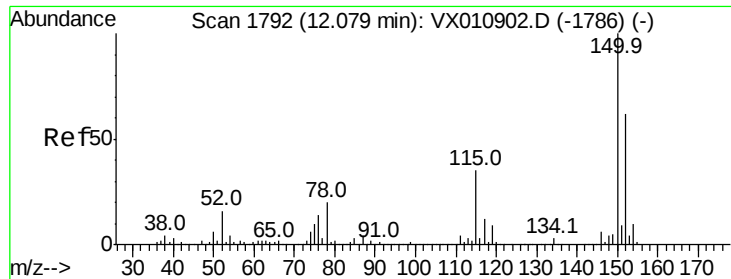
#64
Tetrachloroethene
Concen: 0.648 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011192.D
Acq: 30 Jul 2019 14:10

Tgt Ion:164 Resp: 1417
Ion Ratio Lower Upper
164 100
166 146.1 100.8 151.2
129 82.5 72.6 109.0
131 92.5 67.7 101.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011192.D

Acq: 30 Jul 2019 14:10

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-DUP-20190724

Tot Ion:152 Resp: 130056

Ion Ratio Lower Upper

152 100

115 55.8 39.7 119.1

150 154.1 0.0 345.6

