

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051319\
 Data File : VX009545.D
 Acq On : 13 May 2019 15:55
 Operator : JC/SP
 Sample : K2834-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-423-425

Quant Time: May 14 04:40:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	189688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	300328	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	261840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107909	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	123242	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.18%		
35) Dibromofluoromethane	5.50	113	91852	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.30%		
50) Toluene-d8	8.71	98	376793	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.86%		
62) 4-Bromofluorobenzene	11.13	95	121379	43.82	ug/l	0.00
Spiked Amount 50.000			Recovery =	87.64%		

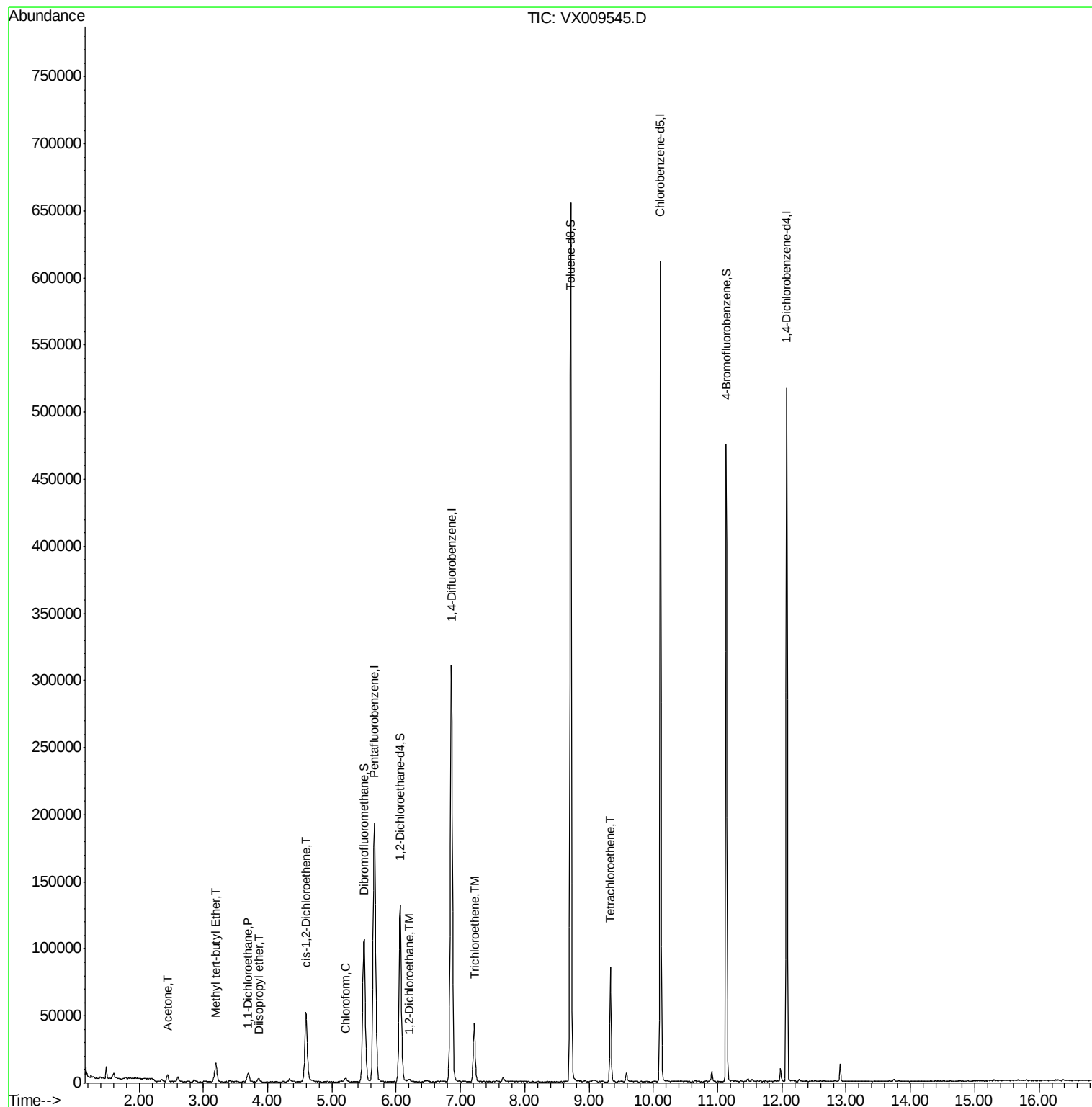
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	5982	4.302	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	15090	2.183	ug/l	97
22) Diisopropyl ether	3.86	45	2842	0.341	ug/l #	81
24) 1,1-Dichloroethane	3.70	63	7378	1.793	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	32514	14.112	ug/l	87
30) Chloroform	5.21	83	2950	0.793	ug/l	98
42) 1,2-Dichloroethane	6.20	62	1963	0.634	ug/l	89
44) Trichloroethene	7.21	130	15798	7.566	ug/l	99
64) Tetrachloroethene	9.34	164	16743	9.322	ug/l	96

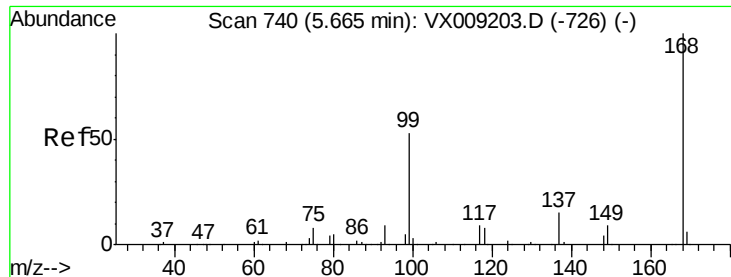
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB202-GW-423-425

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009545.D

Acq: 13 May 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

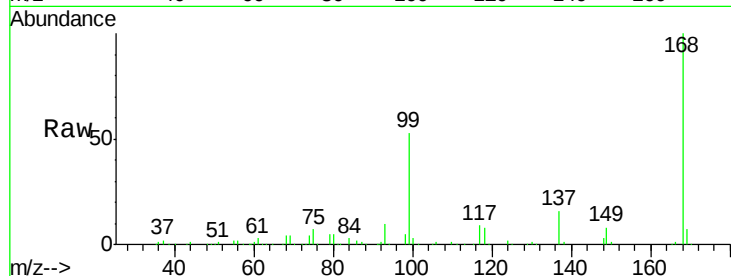
BP-VPB202-GW-423-425

Tot Ion:168 Resp: 189688

Ion Ratio Lower Upper

168 100

99 53.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

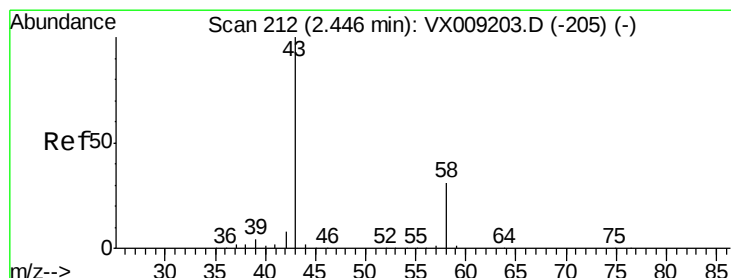
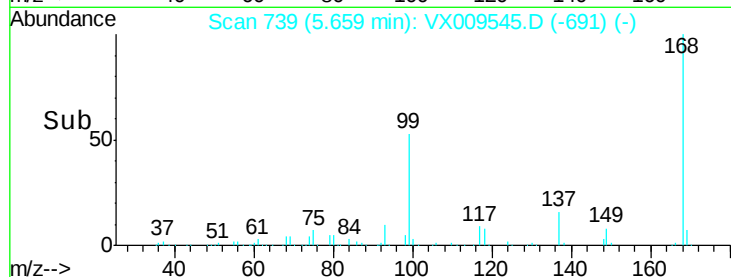
40000

20000

0

5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 4.302 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009545.D

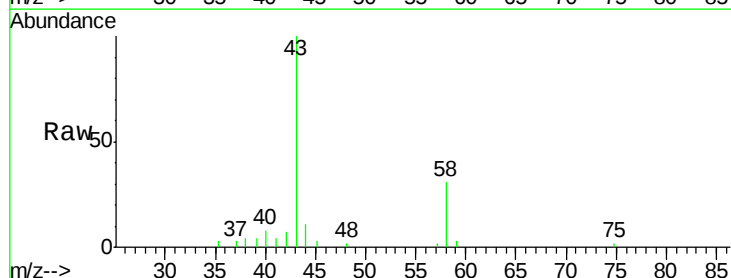
Acq: 13 May 2019 15:55

Tgt Ion: 43 Resp: 5982

Ion Ratio Lower Upper

43 100

58 30.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

3000

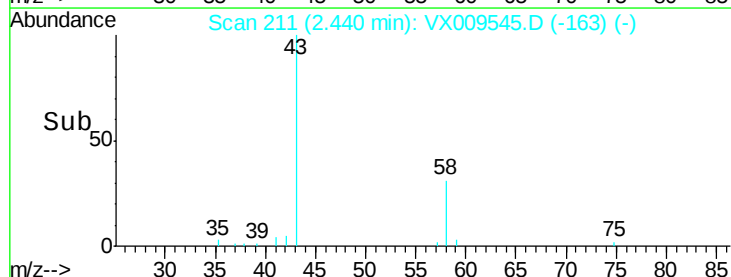
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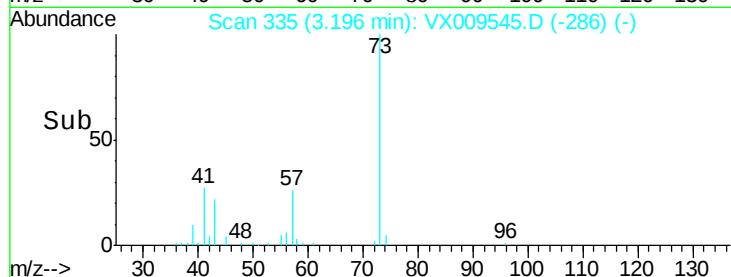
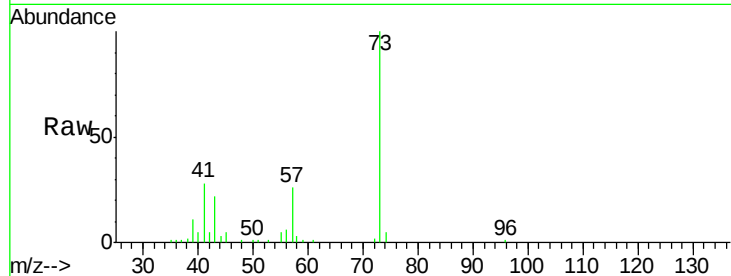
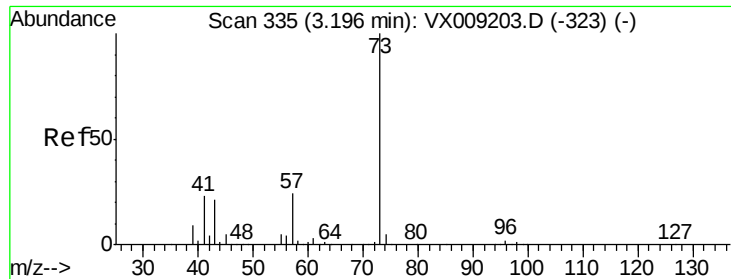
1000

0

2.35 2.40 2.45 2.50 2.55

Time-->

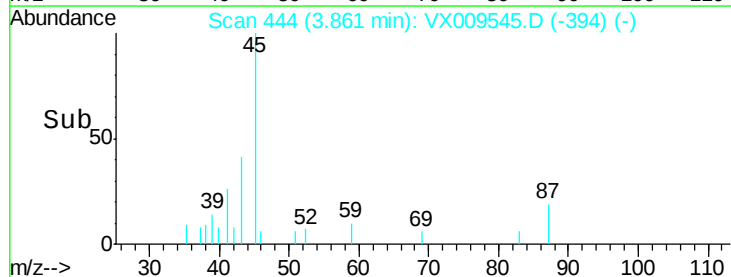
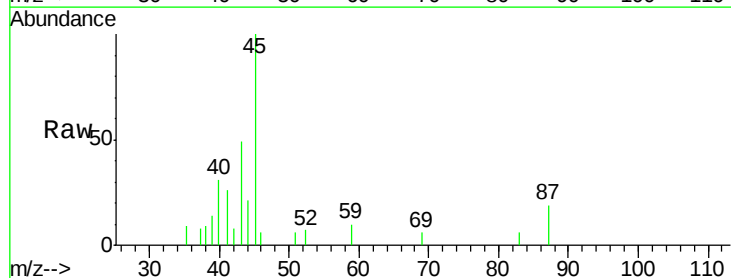
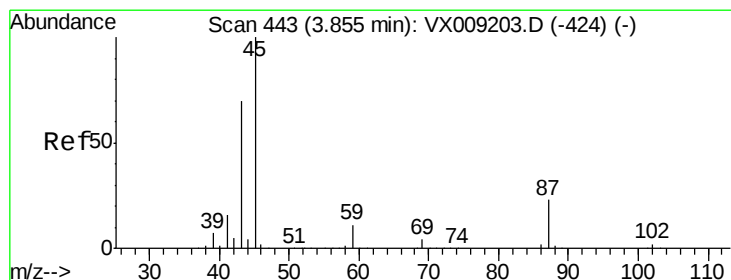
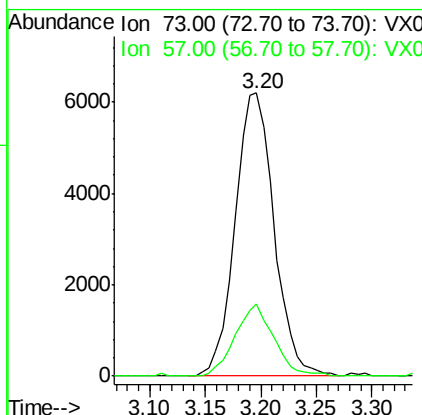




#19
Methvl tert-butvl Ether
Concen: 2.183 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

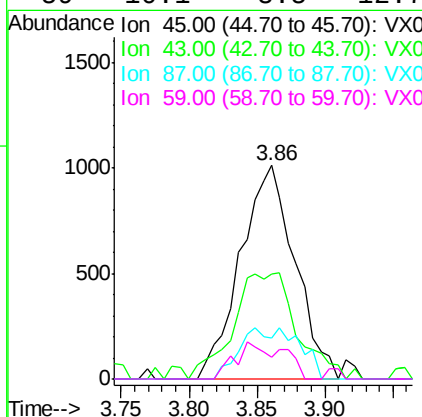
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-423-425

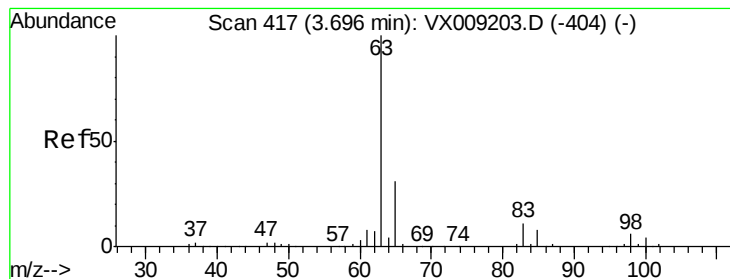
Tot Ion: 73 Resp: 15090
Ion Ratio Lower Upper
73 100
57 25.7 19.3 28.9



#22
Diisopropyl ether
Concen: 0.341 ug/l
RT: 3.86 min Scan# 444
Delta R.T. 0.01 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Tgt Ion: 45 Resp: 2842
Ion Ratio Lower Upper
45 100
43 49.1 56.1 84.1#
87 19.3 18.1 27.1
59 10.1 8.5 12.7





#24

1,1-Dichloroethane

Concen: 1.793 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009545.D

Acq: 13 May 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-423-425

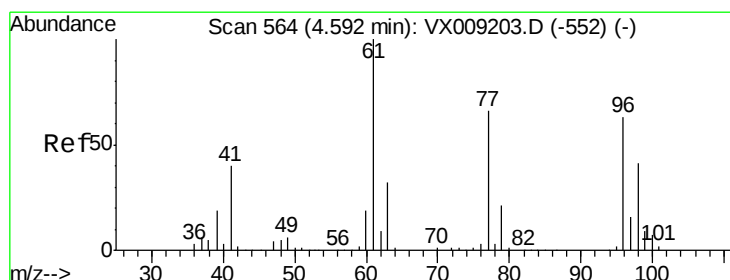
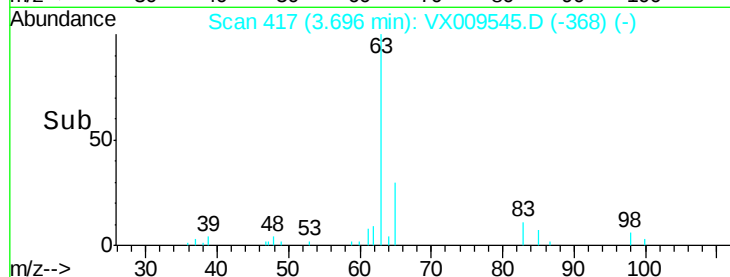
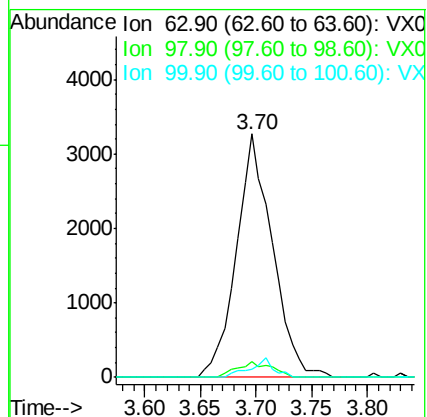
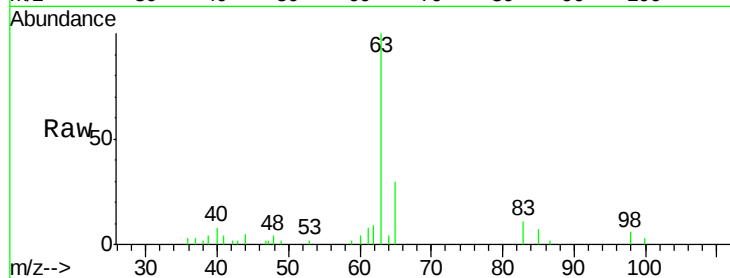
Tot Ion: 63 Resp: 7378

Ion Ratio Lower Upper

63 100

98 6.3 3.0 9.2

100 3.2 2.0 6.0



#27

cis-1,2-Dichloroethene

Concen: 14.112 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VX009545.D

Acq: 13 May 2019 15:55

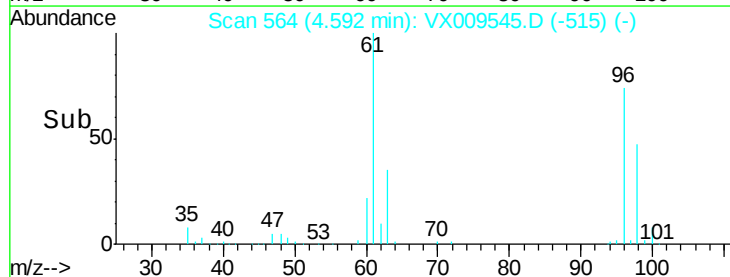
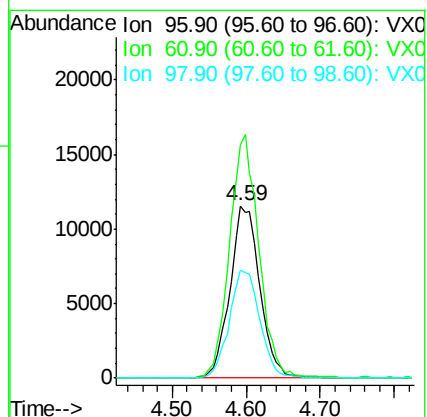
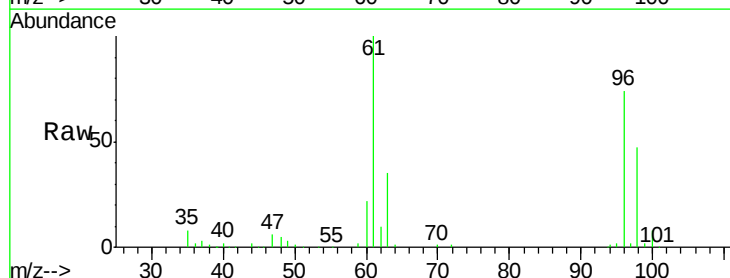
Tgt Ion: 96 Resp: 32514

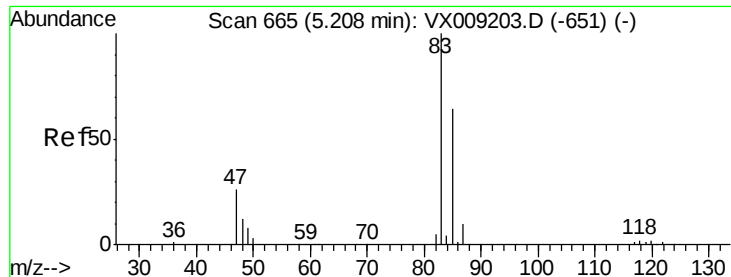
Ion Ratio Lower Upper

96 100

61 138.2 0.0 324.0

98 64.0 0.0 130.4

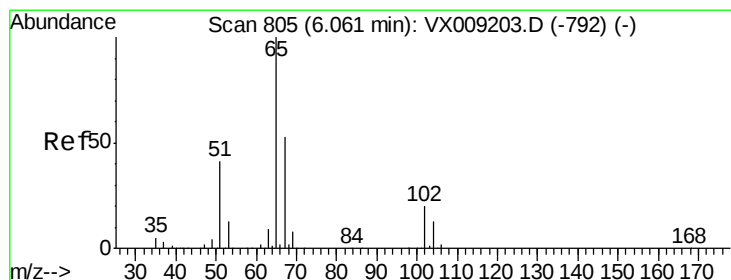
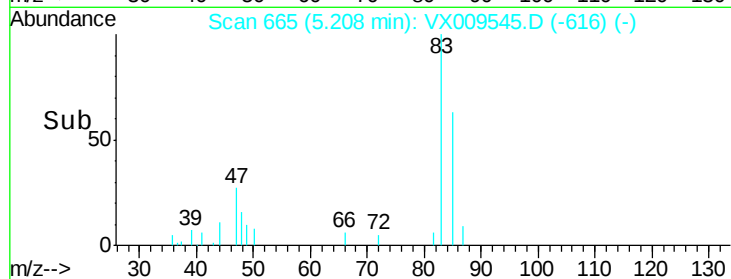
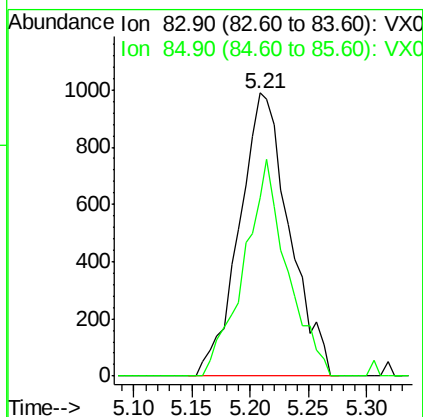
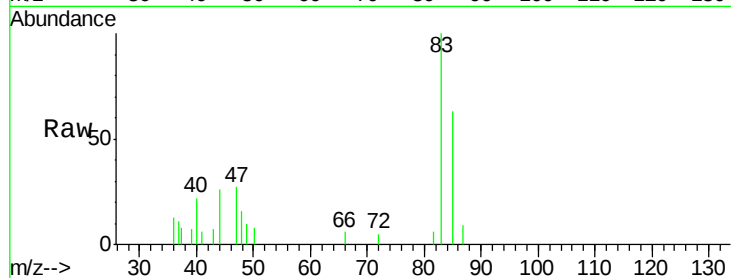




#30
Chloroform
Concen: 0.793 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

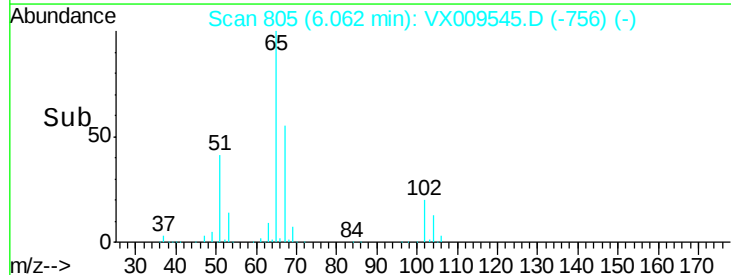
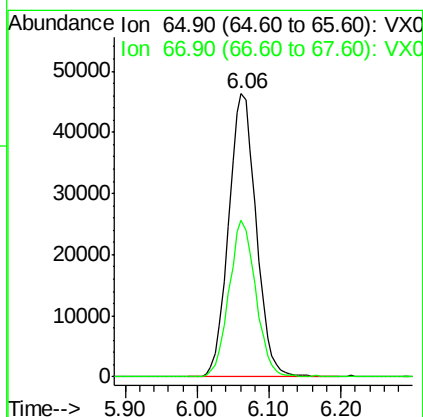
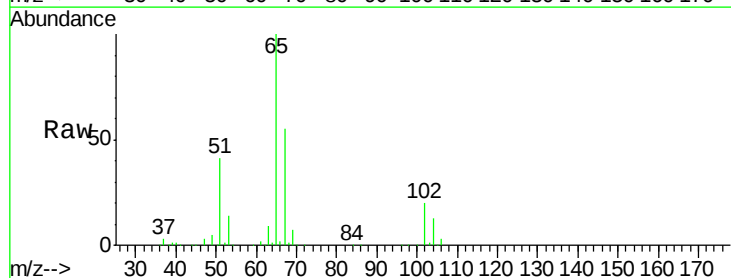
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-423-425

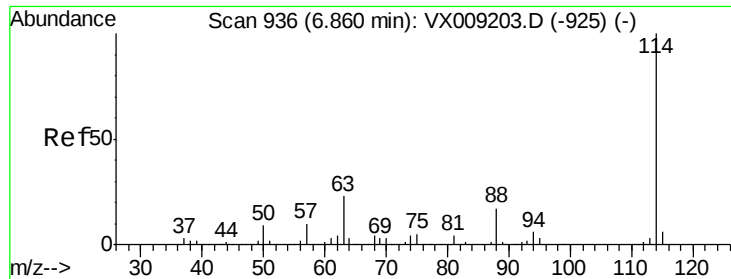
Tot Ion: 83 Resp: 2950
Ion Ratio Lower Upper
83 100
85 63.2 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 47.594 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Tgt Ion: 65 Resp: 123242
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.6

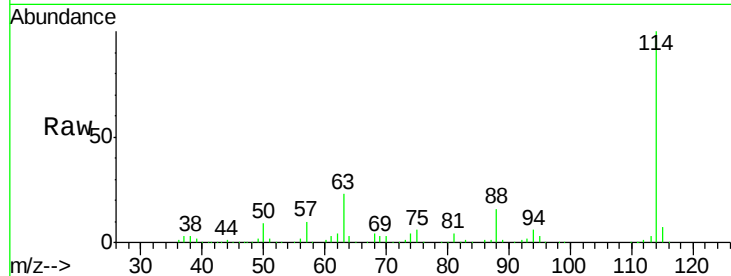




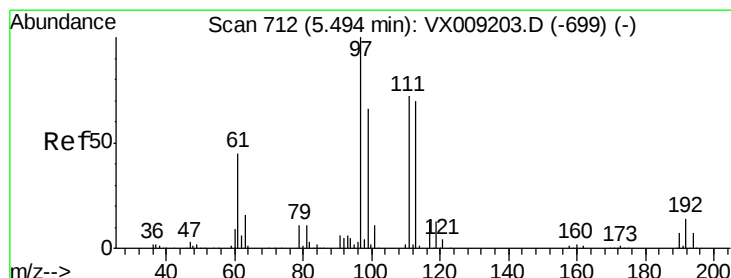
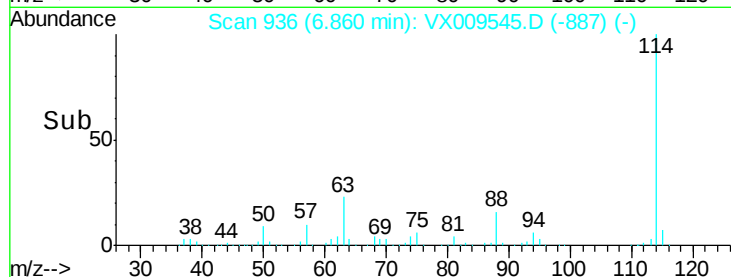
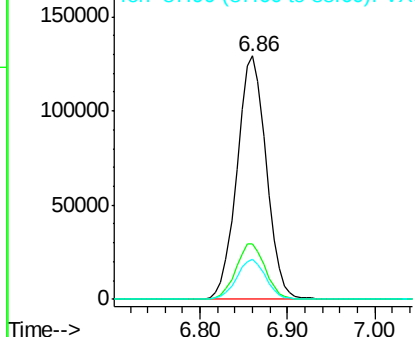
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009545.D
 Acq: 13 May 2019 15:55

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-423-425

Tot Ion:114 Resp: 300328
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.6
 88 16.5 0.0 33.2

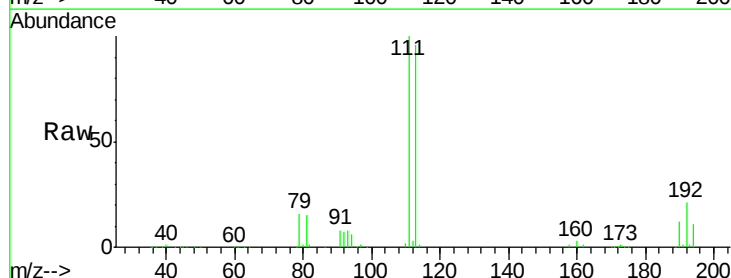


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

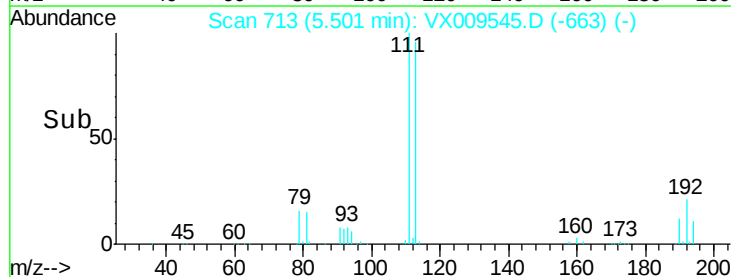
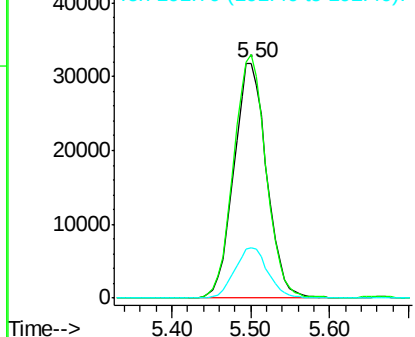


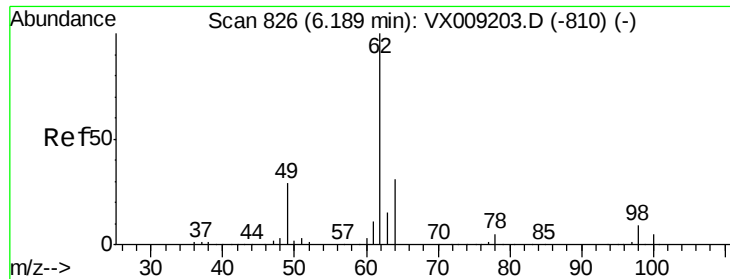
#35
 Dibromofluoromethane
 Concen: 48.651 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009545.D
 Acq: 13 May 2019 15:55

Tgt Ion:113 Resp: 91852
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.8 124.2
 192 21.6 17.0 25.6



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

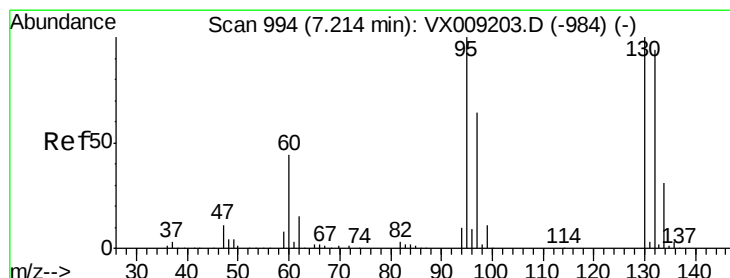
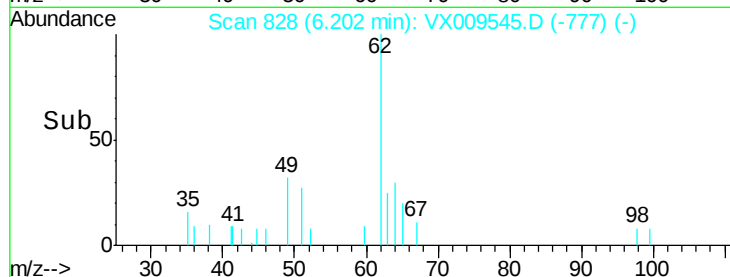
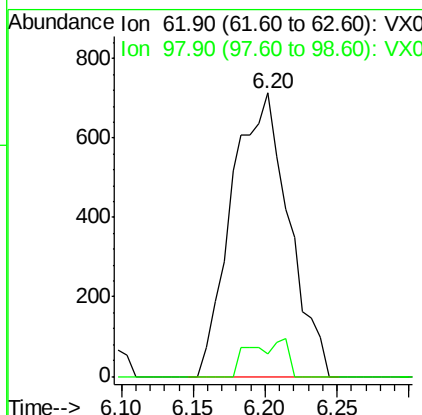
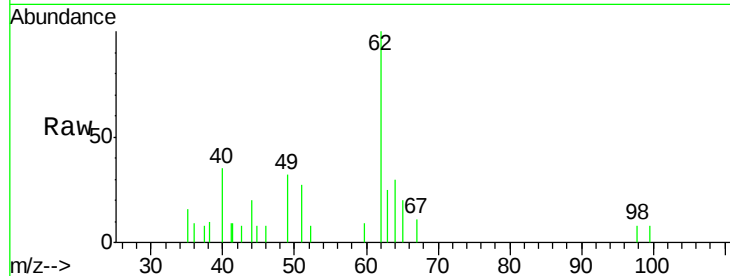




#42
 1,2-Dichloroethane
 Concen: 0.634 ug/l
 RT: 6.20 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: VX009545.D
 Acq: 13 May 2019 15:55

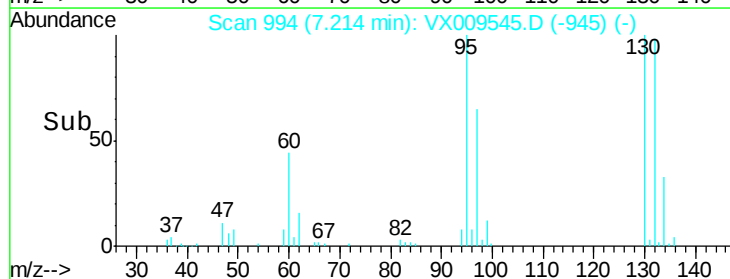
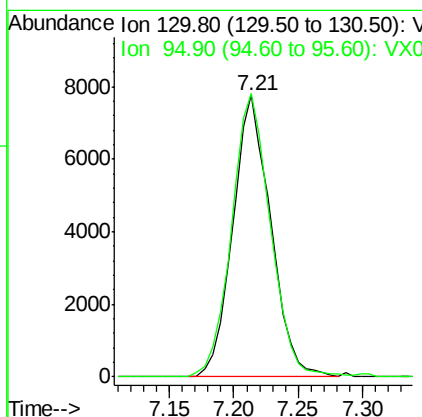
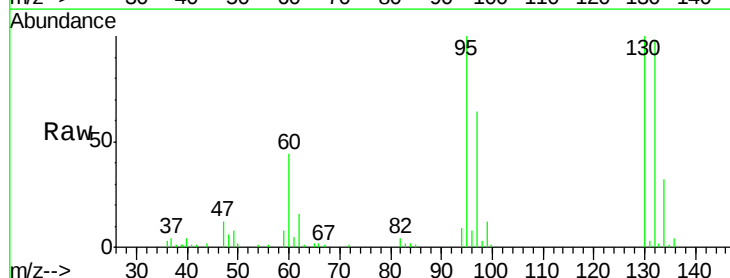
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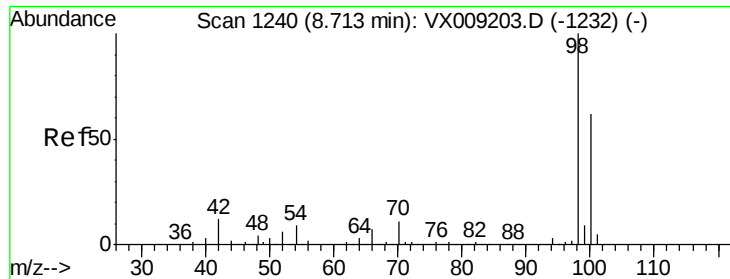
Tot Ion: 62 Resp: 1963
 Ion Ratio Lower Upper
 62 100
 98 5.0 0.0 18.2



#44
 Trichloroethene
 Concen: 7.566 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009545.D
 Acq: 13 May 2019 15:55

Tgt Ion:130 Resp: 15798
 Ion Ratio Lower Upper
 130 100
 95 100.4 0.0 199.2





#50

Toluene-d8

Concen: 49.433 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009545.D

Acq: 13 May 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

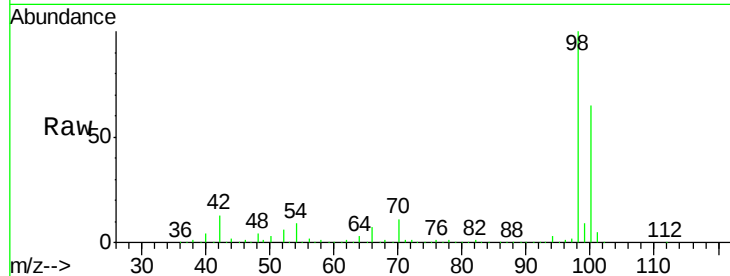
BP-VPB202-GW-423-425

Tot Ion: 98 Resp: 376793

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

100000

50000

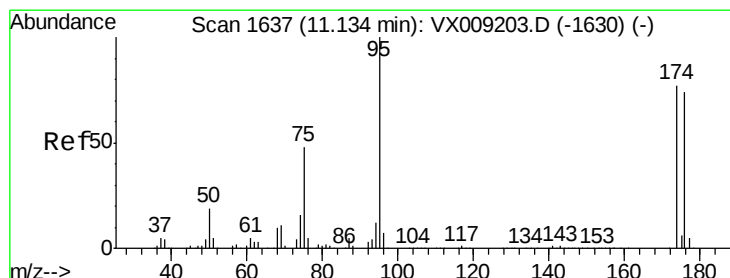
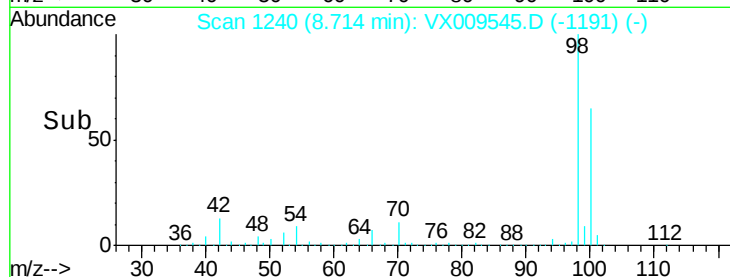
0

8.60

8.70

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 43.825 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009545.D

Acq: 13 May 2019 15:55

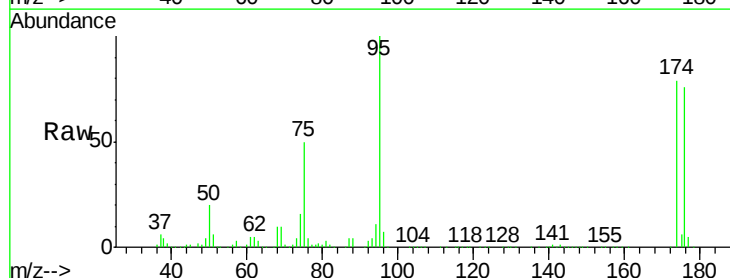
Tgt Ion: 95 Resp: 121379

Ion Ratio Lower Upper

95 100

174 82.6 0.0 161.6

176 80.6 0.0 159.2



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

100000

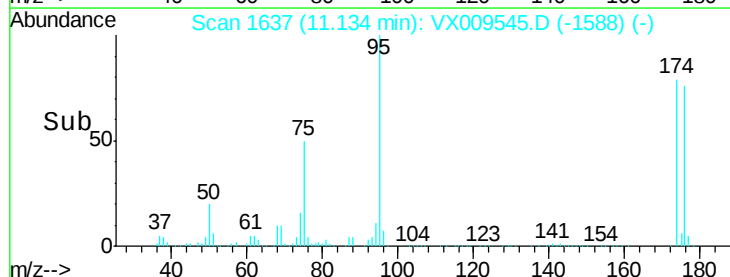
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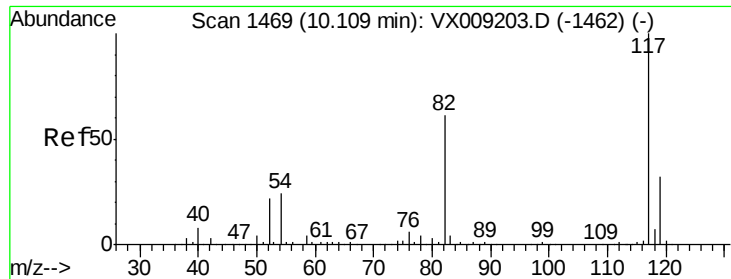
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11.10

11.20

Time-->

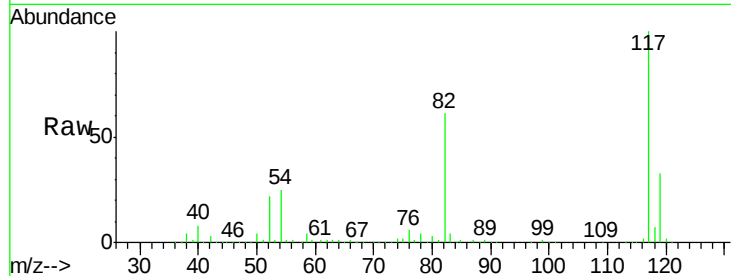




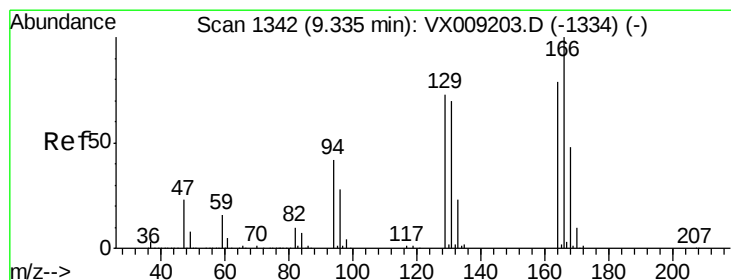
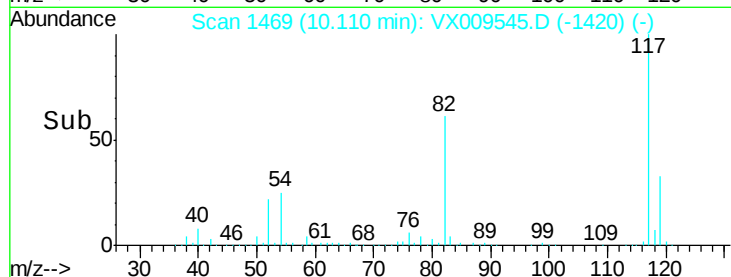
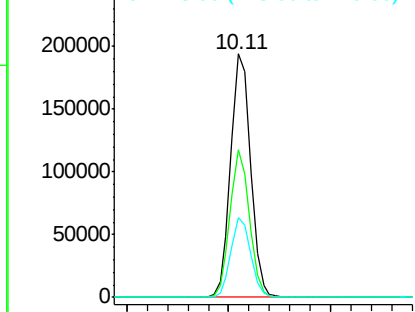
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-423-425

Tot Ion:117 Resp: 261840
Ion Ratio Lower Upper
117 100
82 60.6 48.8 73.2
119 32.6 25.8 38.6

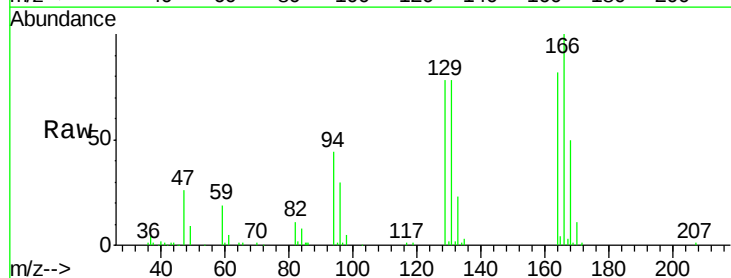


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

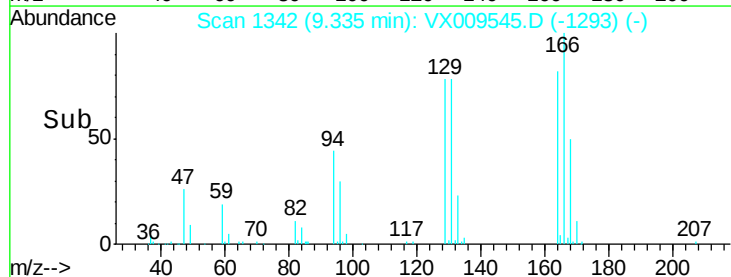
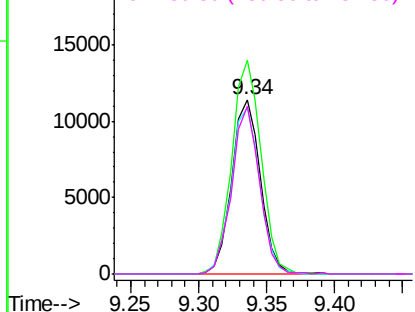


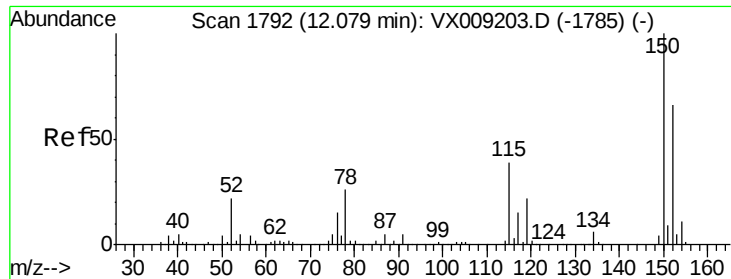
#64
Tetrachloroethene
Concen: 9.322 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Tgt Ion:164 Resp: 16743
Ion Ratio Lower Upper
164 100
166 122.5 101.2 151.8
129 95.4 74.3 111.5
131 95.9 71.0 106.6



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

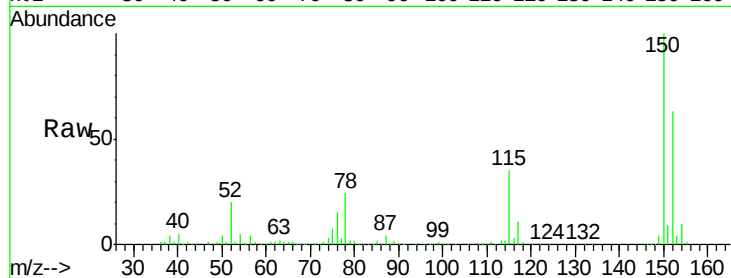




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009545.D
 Acq: 13 May 2019 15:55

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-423-425

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.3	41.2	123.6
150	157.0	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

