

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009440.D
 Acq On : 09 May 2019 20:04
 Operator : JC/SP
 Sample : K2786-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-DUP-20190508

Quant Time: May 10 08:12:17 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

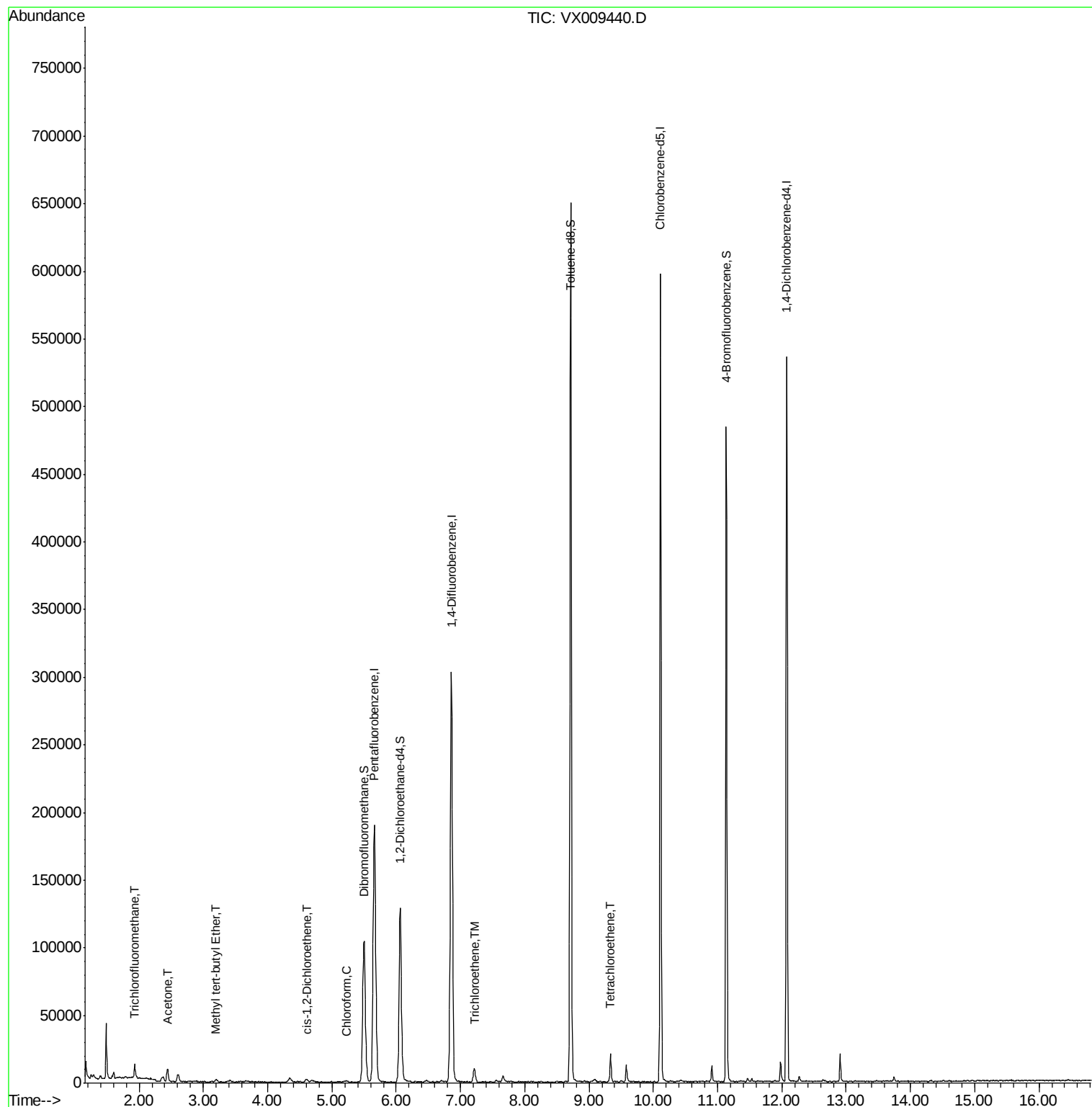
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	186269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	299061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112086	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	121868	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
35) Dibromofluoromethane	5.50	113	89961	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
50) Toluene-d8	8.71	98	371715	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
62) 4-Bromofluorobenzene	11.13	95	122078	44.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.52%	
Target Compounds						
7) Trichlorofluoromethane	1.93	101	6033	2.172	ug/l	92
16) Acetone	2.44	43	10369	7.594	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	1834	0.270	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	1131	0.500	ug/l	87
30) Chloroform	5.21	83	1116	0.305	ug/l	91
44) Trichloroethene	7.21	130	3779	1.817	ug/l	97
64) Tetrachloroethene	9.34	164	4217	2.360	ug/l	94

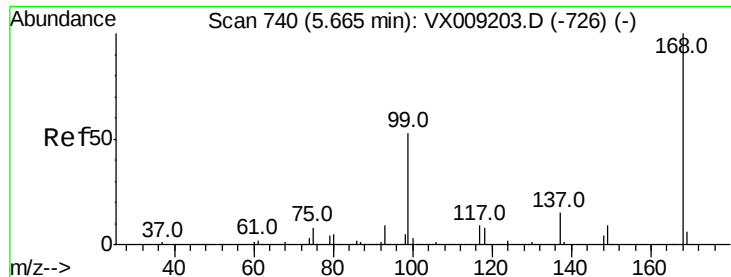
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050919\
Data File : VX009440.D
Acq On : 09 May 2019 20:04
Operator : JC/SP
Sample : K2786-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-DUP-20190508

Quant Time: May 10 08:12:17 2019
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: VX009440.D

Acq: 09 May 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

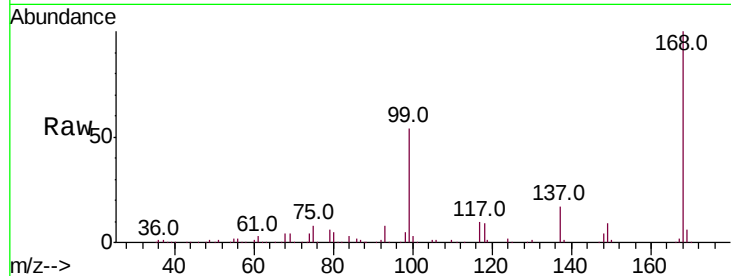
BP-VPB202-DUP-20190508

Tot Ion:168 Resp: 186269

Ion Ratio Lower Upper

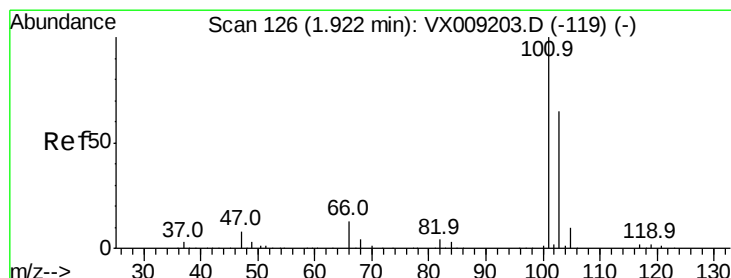
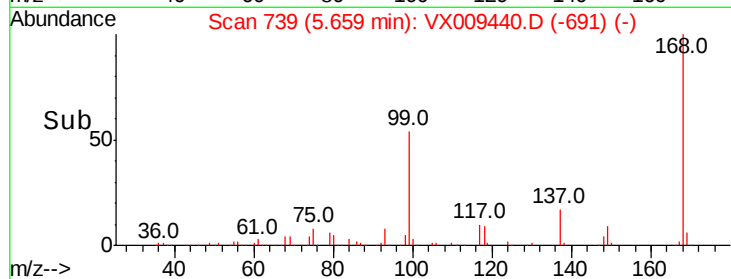
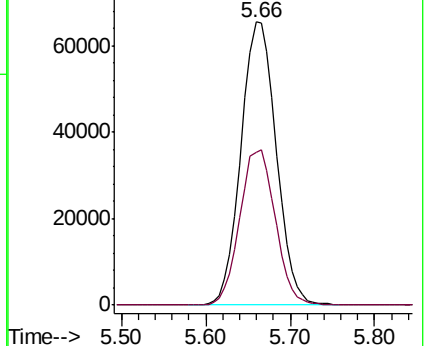
168 100

99 54.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#7

Trichlorofluoromethane

Concen: 2.172 ug/l

RT: 1.93 min Scan# 128

Delta R.T. 0.01 min

Lab File: VX009440.D

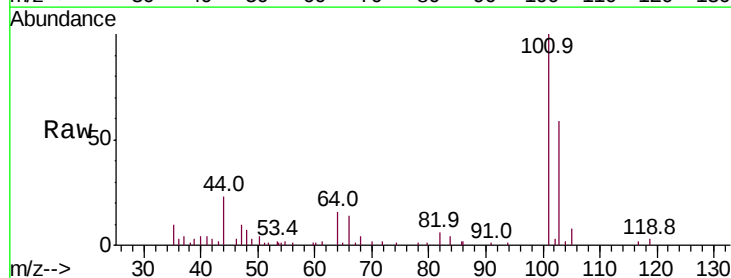
Acq: 09 May 2019 20:04

Tgt Ion:101 Resp: 6033

Ion Ratio Lower Upper

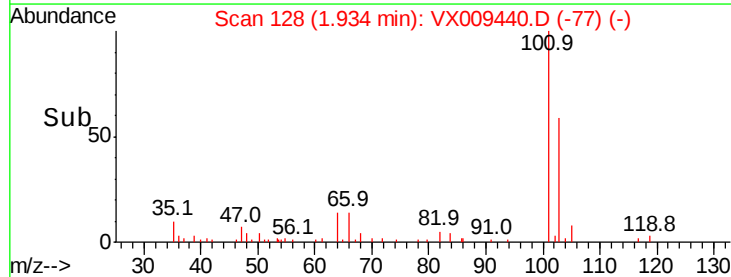
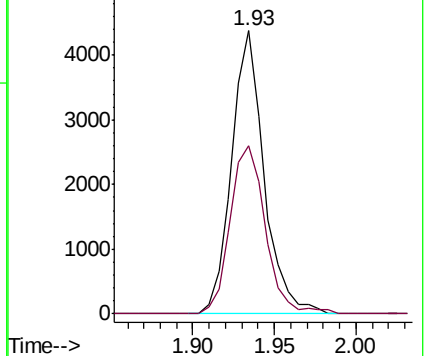
101 100

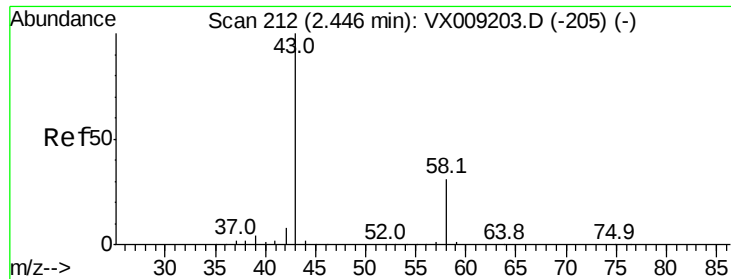
103 59.4 52.4 78.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#16

Acetone

Concen: 7.594 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009440.D

Acq: 09 May 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

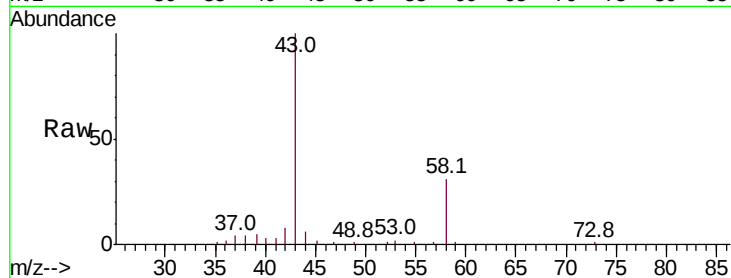
BP-VPB202-DUP-20190508

Tot Ion: 43 Resp: 10369

Ion Ratio Lower Upper

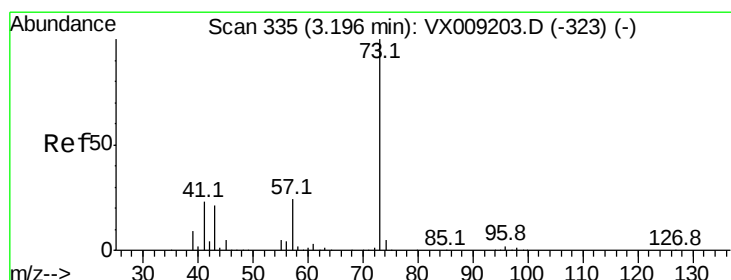
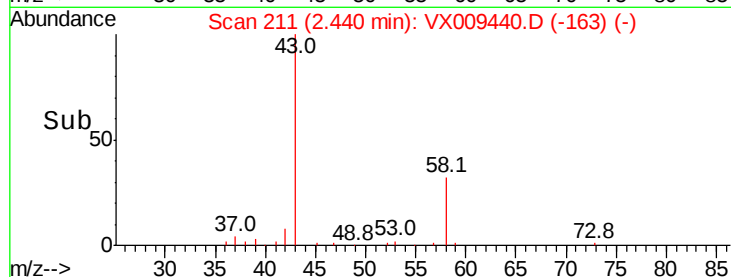
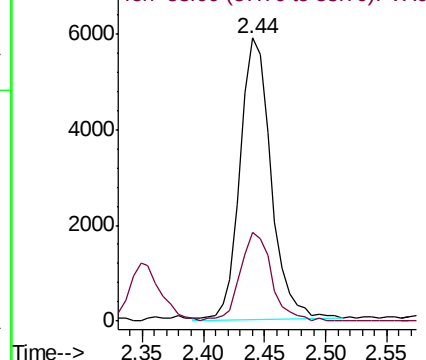
43 100

58 31.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#19

Methyl tert-butyl Ether

Concen: 0.270 ug/l

RT: 3.20 min Scan# 335

Delta R.T. -0.00 min

Lab File: VX009440.D

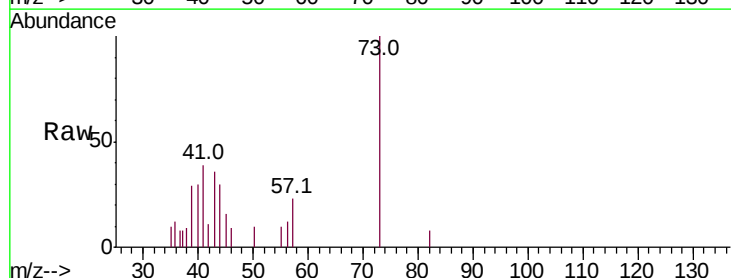
Acq: 09 May 2019 20:04

Tgt Ion: 73 Resp: 1834

Ion Ratio Lower Upper

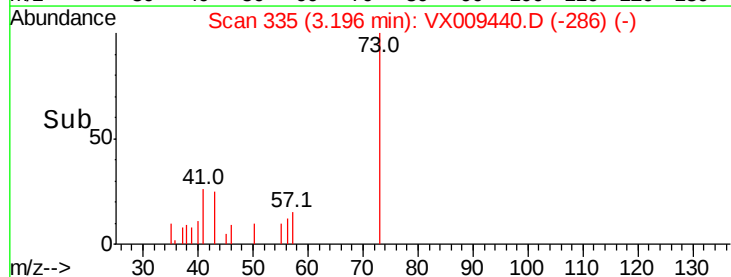
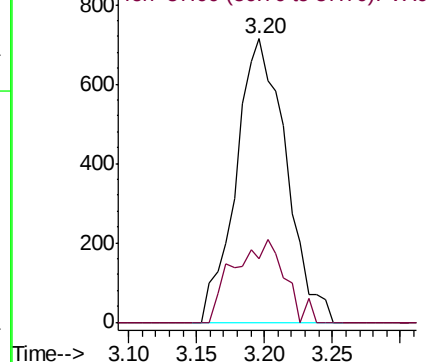
73 100

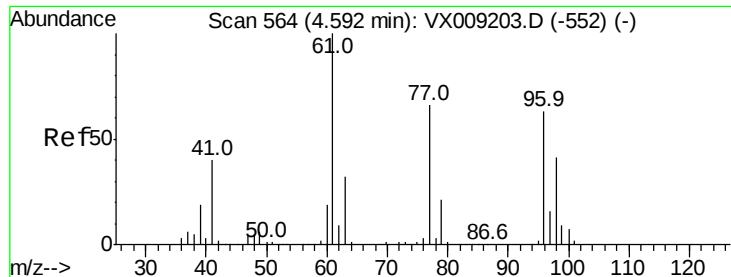
57 22.5 19.3 28.9



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



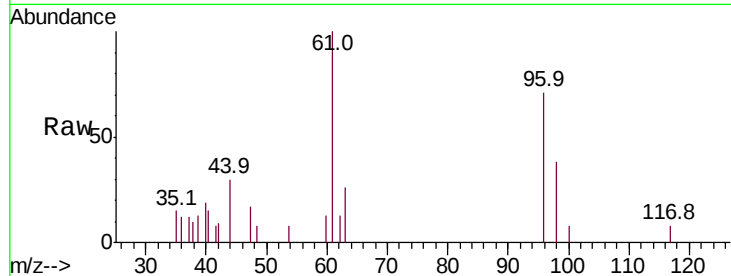


#27

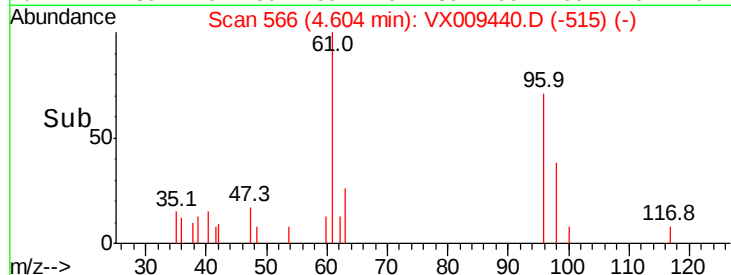
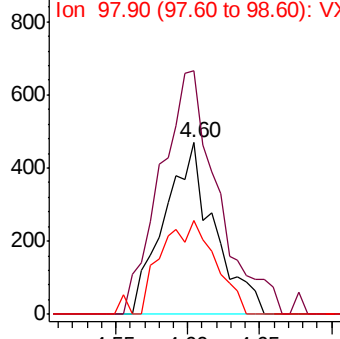
cis-1,2-Dichloroethene
 Concen: 0.500 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX009440.D
 Acq: 09 May 2019 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-DUP-20190508

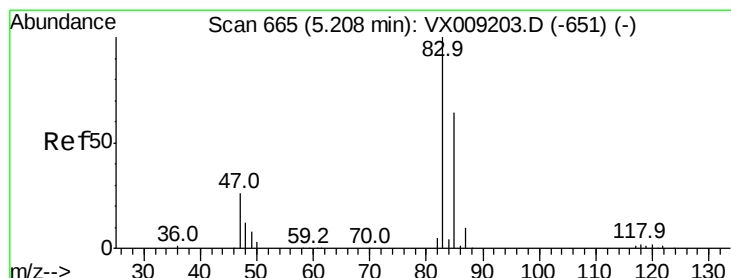
Tot Ion: 96 Resp: 1131
 Ion Ratio Lower Upper
 96 100
 61 163.0 0.0 324.0
 98 31.8 0.0 130.4



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



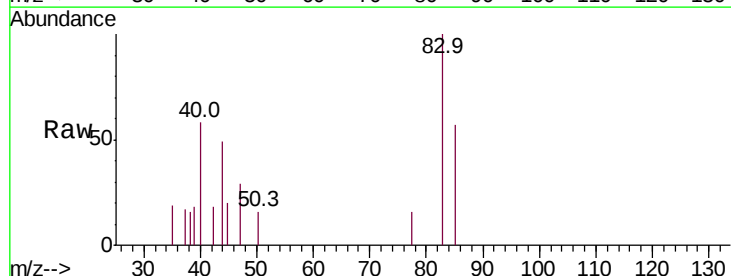
Time-->



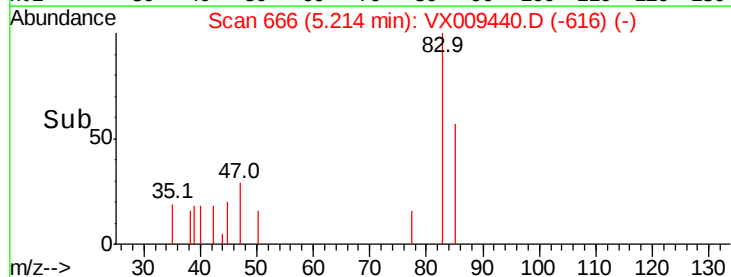
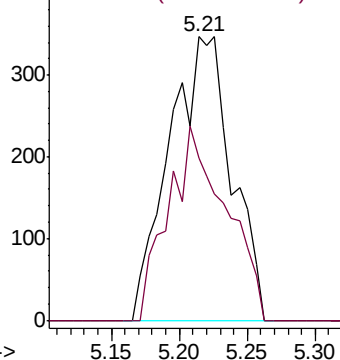
#30

Chloroform
 Concen: 0.305 ug/l
 RT: 5.21 min Scan# 666
 Delta R.T. 0.01 min
 Lab File: VX009440.D
 Acq: 09 May 2019 20:04

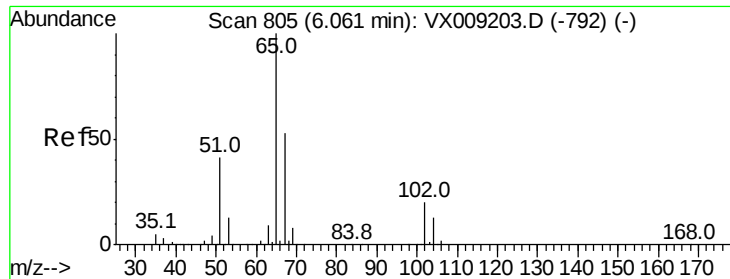
Tgt Ion: 83 Resp: 1116
 Ion Ratio Lower Upper
 83 100
 85 57.3 51.5 77.3



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



Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.927 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009440.D

Acq: 09 May 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

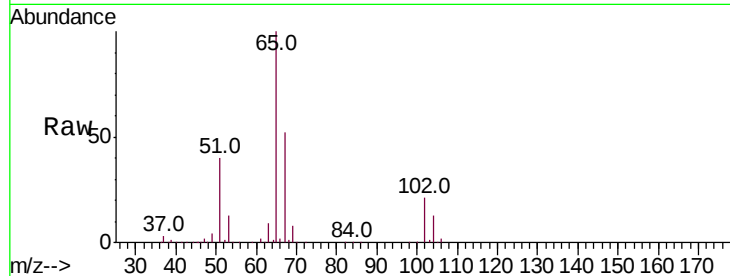
BP-VPB202-DUP-20190508

Tot Ion: 65 Resp: 121868

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

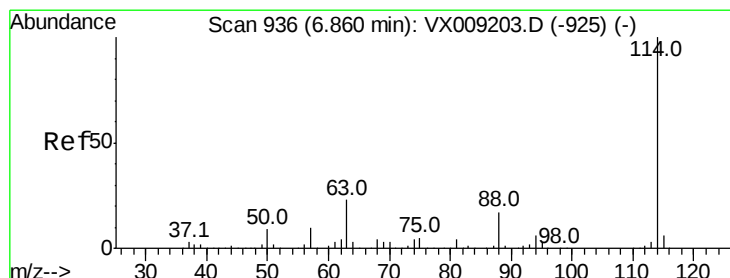
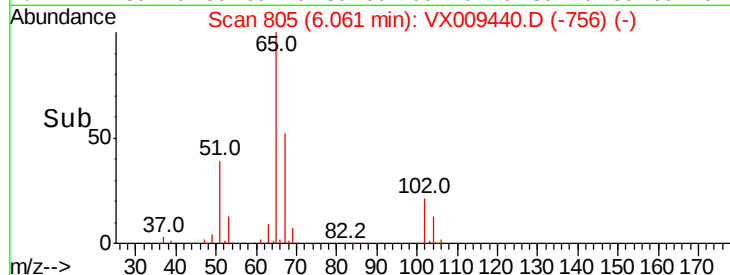
20000

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: VX009440.D

Acq: 09 May 2019 20:04

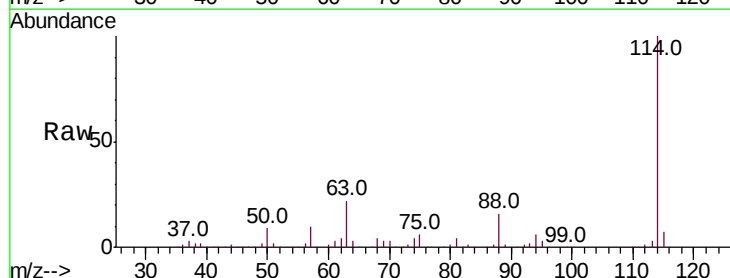
Tgt Ion:114 Resp: 299061

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.6

88 15.7 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

150000

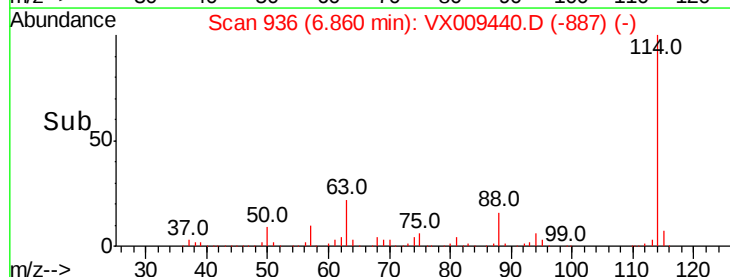
100000

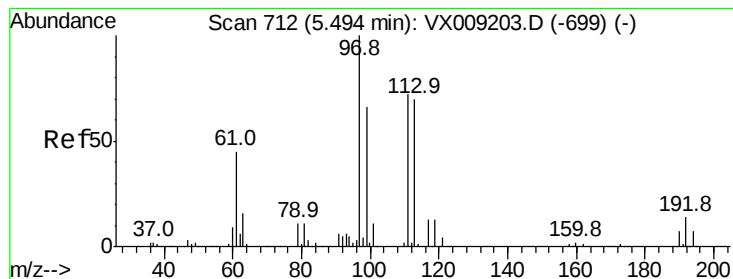
50000

0

Time-->

6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 47.851 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009440.D

Acq: 09 May 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-DUP-20190508

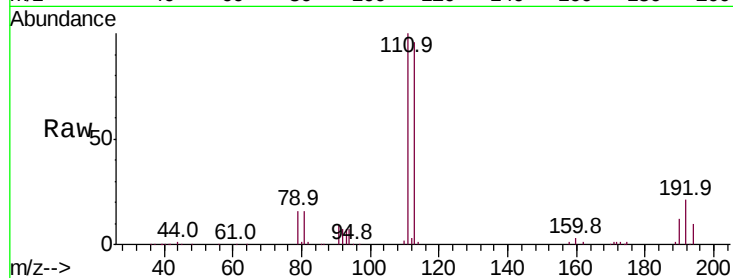
Tot Ion:113 Resp: 89961

Ion Ratio Lower Upper

113 100

111 103.4 82.8 124.2

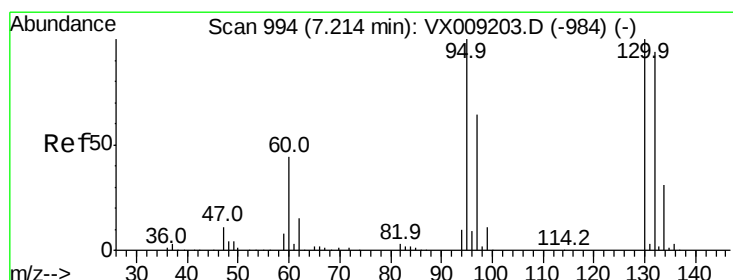
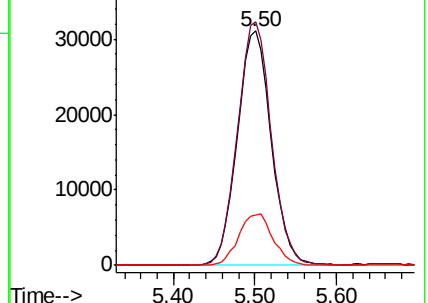
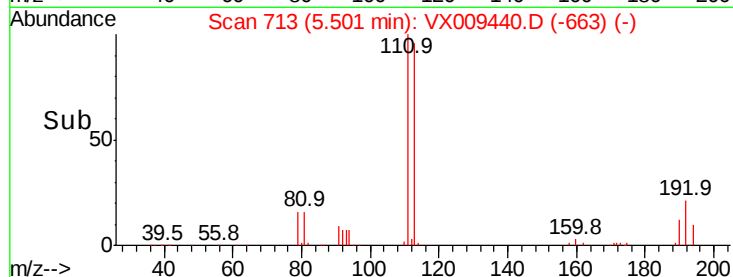
192 22.2 17.0 25.6



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



#44

Trichloroethene

Concen: 1.817 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009440.D

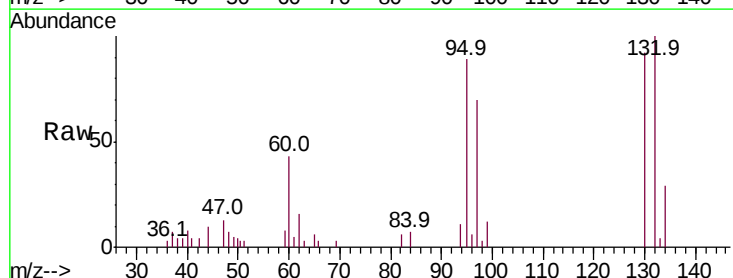
Acq: 09 May 2019 20:04

Tgt Ion:130 Resp: 3779

Ion Ratio Lower Upper

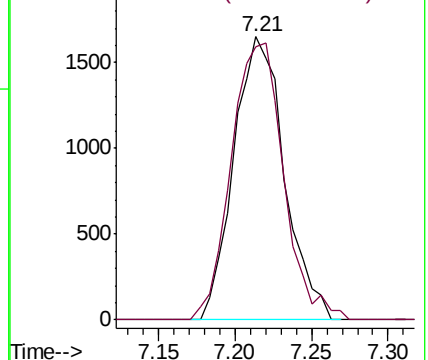
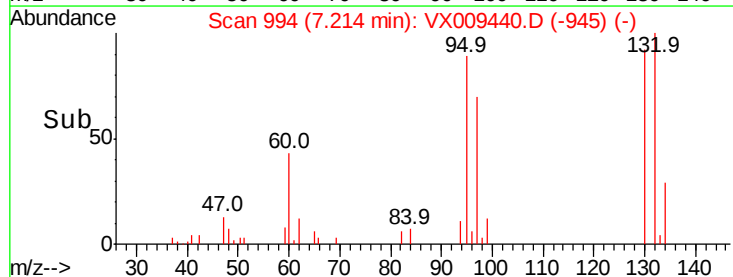
130 100

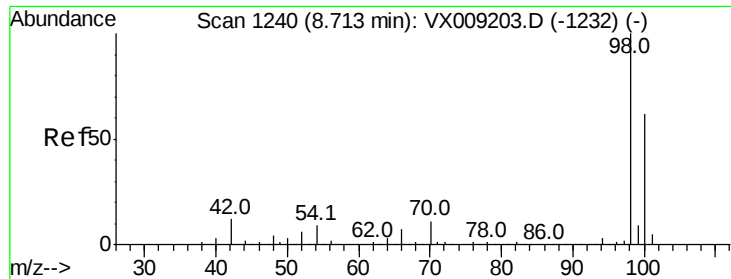
95 96.5 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

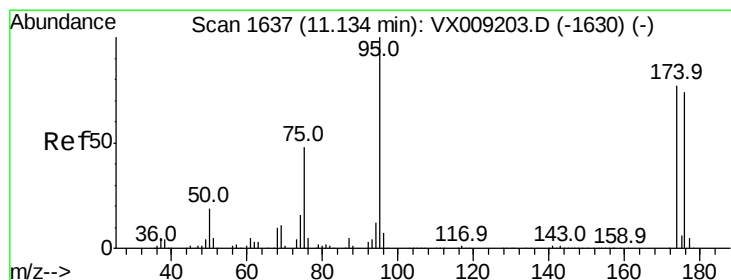
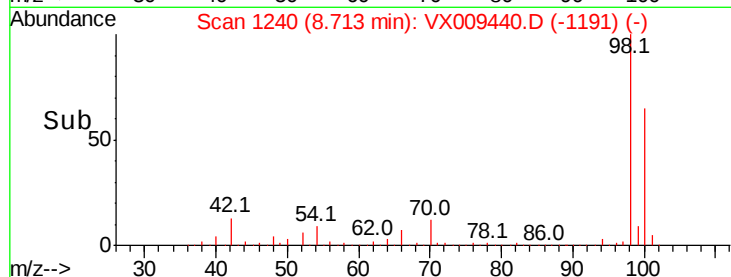
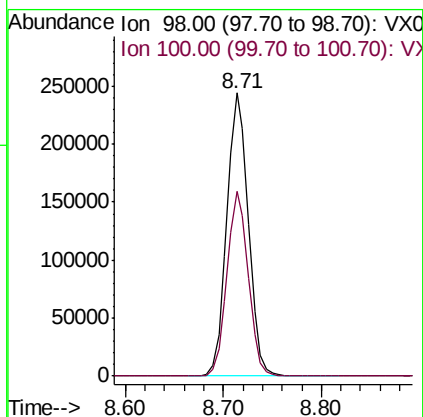
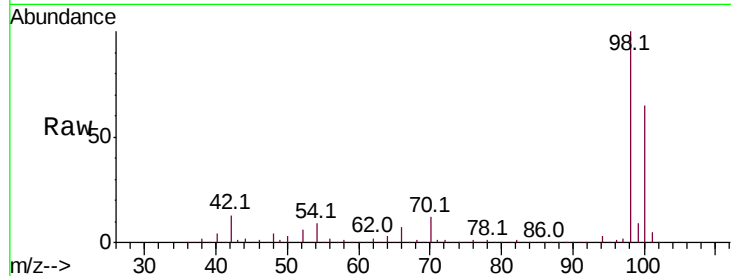




#50
Toluene-d8
Concen: 48.974 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009440.D
Acq: 09 May 2019 20:04

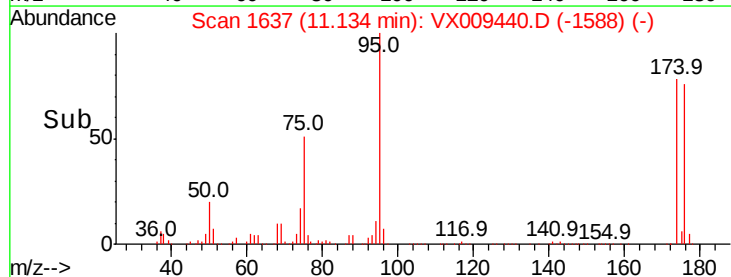
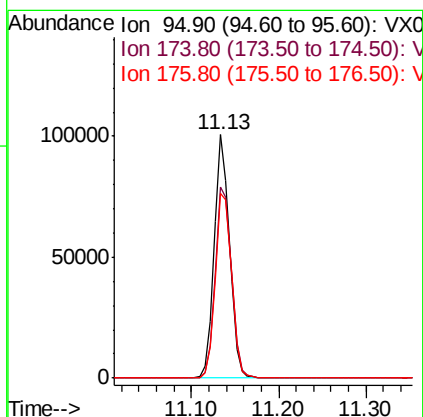
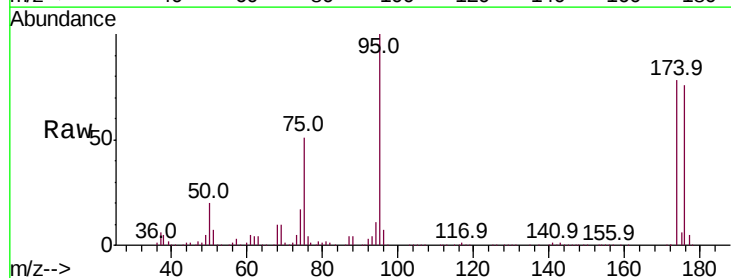
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-DUP-20190508

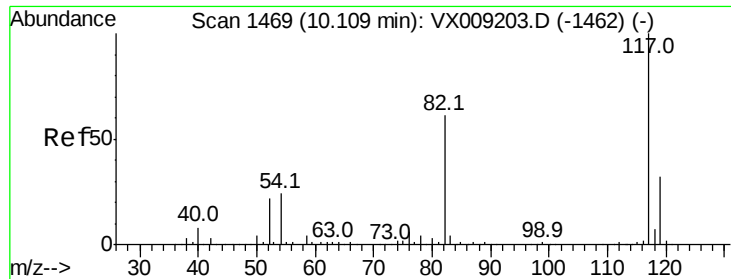
Tot Ion: 98 Resp: 371715
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 44.264 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009440.D
Acq: 09 May 2019 20:04

Tgt Ion: 95 Resp: 122078
Ion Ratio Lower Upper
95 100
174 82.5 0.0 161.6
176 80.2 0.0 159.2

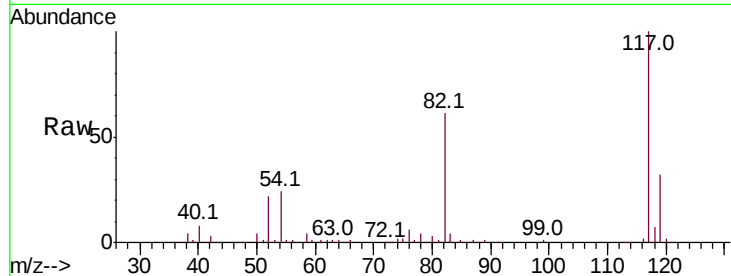




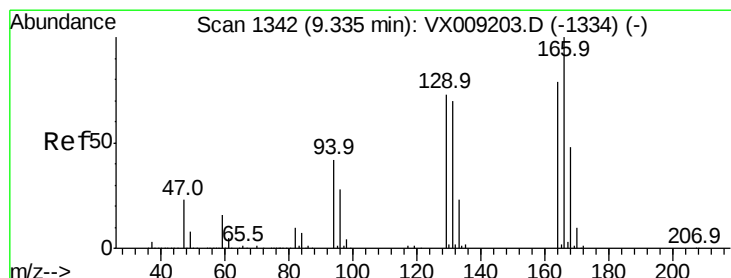
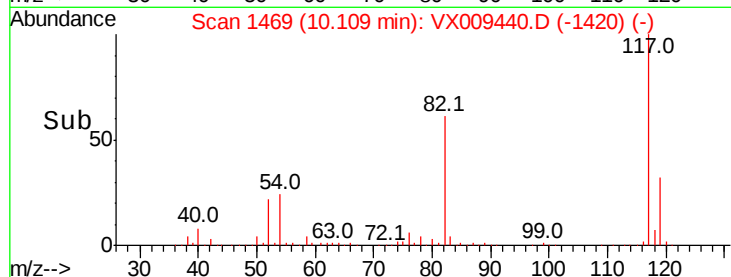
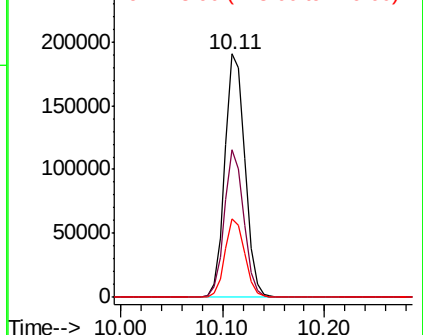
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009440.D
Acq: 09 May 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-DUP-20190508

Tot Ion:117 Resp: 260470
Ion Ratio Lower Upper
117 100
82 60.7 48.8 73.2
119 32.2 25.8 38.6

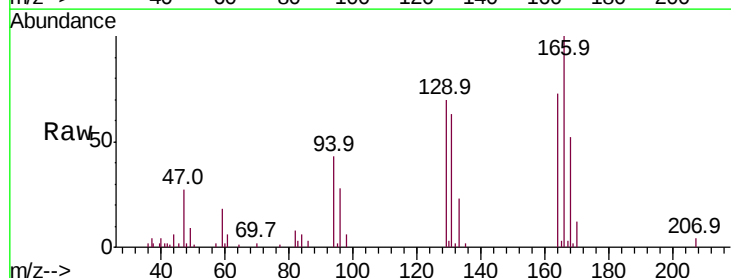


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

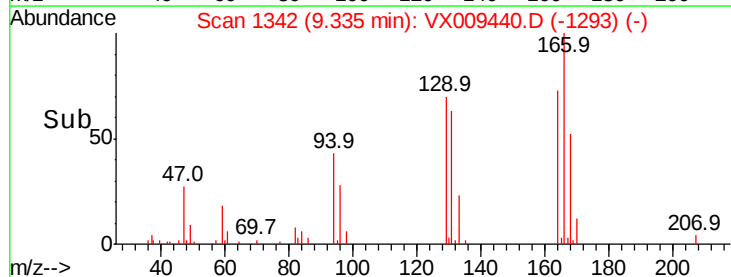
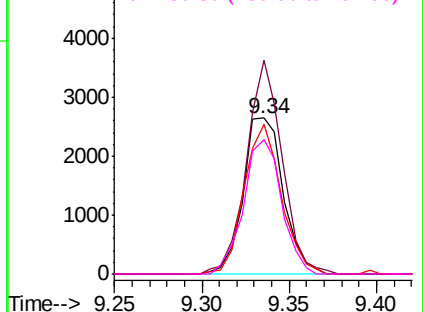


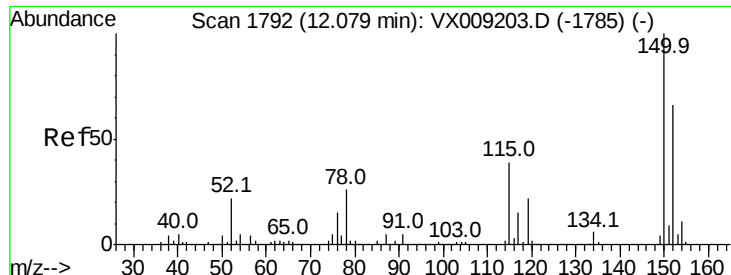
#64
Tetrachloroethene
Concen: 2.360 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009440.D
Acq: 09 May 2019 20:04

Tgt Ion:164 Resp: 4217
Ion Ratio Lower Upper
164 100
166 136.9 101.2 151.8
129 96.0 74.3 111.5
131 85.9 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

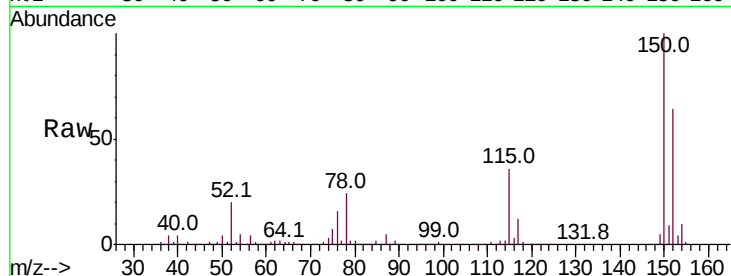




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009440.D
 Acq: 09 May 2019 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-DUP-20190508

Tot Ion:	152	Resp:	112086
Ion	Ratio	Lower	Upper
152	100		
115	58.7	41.2	123.6
150	156.7	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

