

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081219\
 Data File : VX011476.D
 Acq On : 12 Aug 2019 12:22
 Operator : JC/SP
 Sample : K4298-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-TB-20190808

Quant Time: Aug 13 07:37:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	194181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	291846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	117024	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	106988	54.71	ug/l	0.00
Spiked Amount						
			Recovery	=	109.42%	
35) Dibromofluoromethane	5.49	113	89927	47.20	ug/l	0.00
Spiked Amount						
			Recovery	=	94.40%	
50) Toluene-d8	8.71	98	340091	47.29	ug/l	0.00
Spiked Amount						
			Recovery	=	94.58%	
62) 4-Bromofluorobenzene	11.13	95	112124	43.66	ug/l	0.00
Spiked Amount						
			Recovery	=	87.32%	

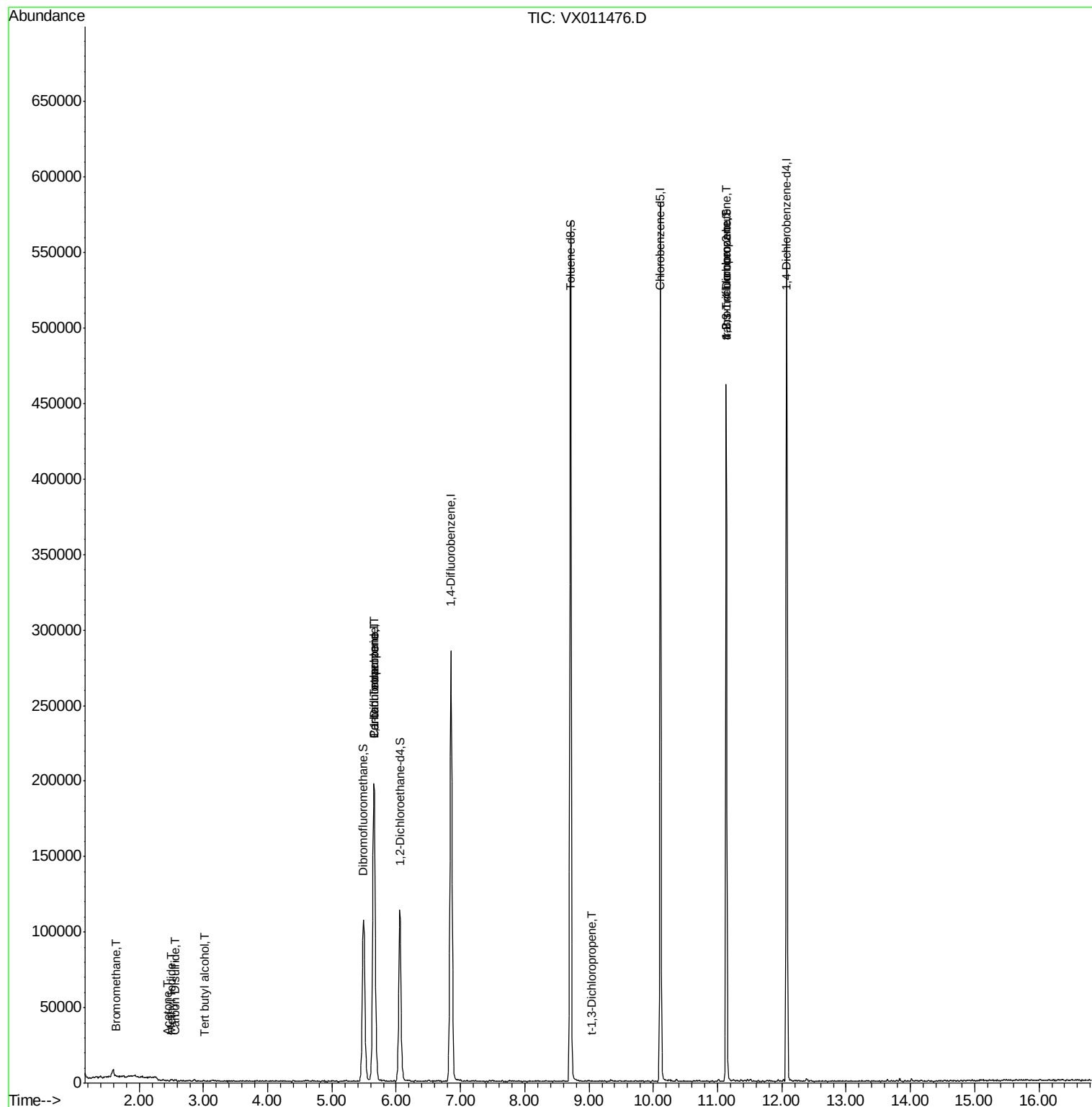
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	616	0.466	ug/l #	78
6) Chloroethane	1.71	64	184	Below Cal	#	43
10) Methyl Iodide	2.51	142	772	0.344	ug/l #	83
11) Tert butyl alcohol	3.02	59	120	0.331	ug/l #	1
13) Acrolein	2.29	56	80	Below Cal	#	15
16) Acetone	2.45	43	230	0.247	ug/l #	86
17) Carbon Disulfide	2.56	76	1002	0.242	ug/l #	75
36) 1,1-Dichloropropene	5.65	75	12801	5.024	ug/l #	49
38) Carbon Tetrachloride	5.65	117	18869	7.360	ug/l #	15
53) t-1,3-Dichloropropene	9.05	75	139	2.885	ug/l #	81
76) 1,2,3-Trichloropropane	11.13	75	57660	27.056	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	57660	70.232	ug/l #	10

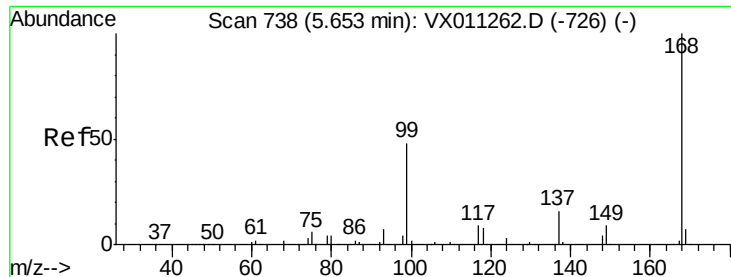
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011476.D

Acq: 12 Aug 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

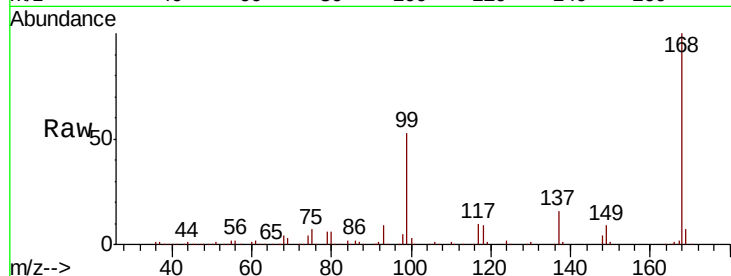
BP-VPB203-TB-20190808

Tgt Ion:168 Resp: 194181

Ion Ratio Lower Upper

168 100

99 53.3 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

40000

20000

0

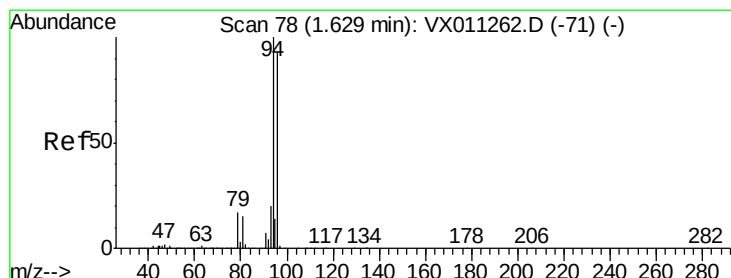
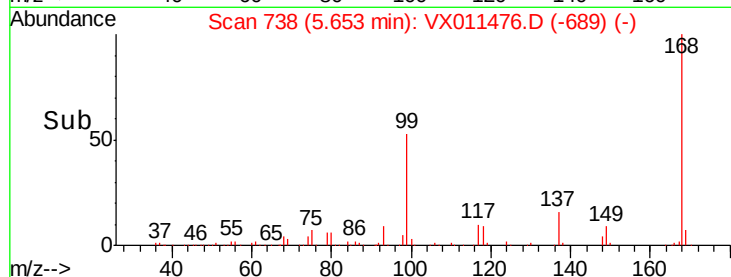
Time-->

5.50

5.60

5.70

5.80



#5

Bromomethane

Concen: 0.466 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.02 min

Lab File: VX011476.D

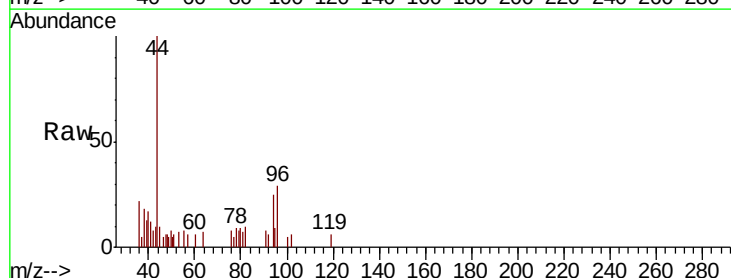
Acq: 12 Aug 2019 12:22

Tgt Ion: 94 Resp: 616

Ion Ratio Lower Upper

94 100

96 114.4 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

300

200

100

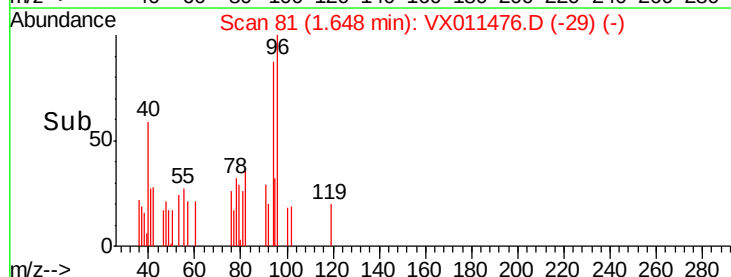
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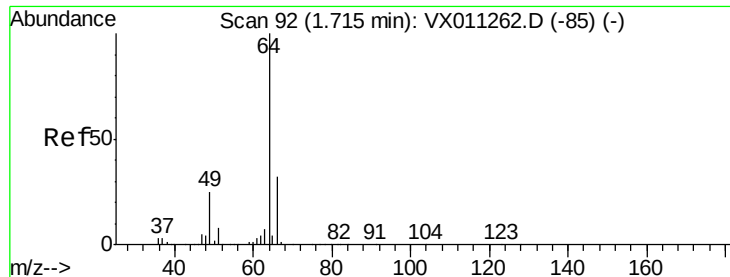
Time-->

1.60

1.65

1.70





#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011476.D

Acq: 12 Aug 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

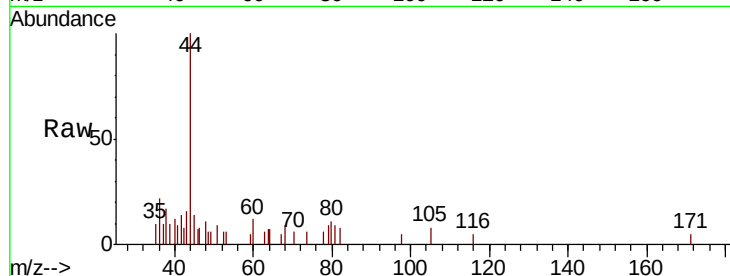
BP-VPB203-TB-20190808

Tgt Ion: 64 Resp: 184

Ion Ratio Lower Upper

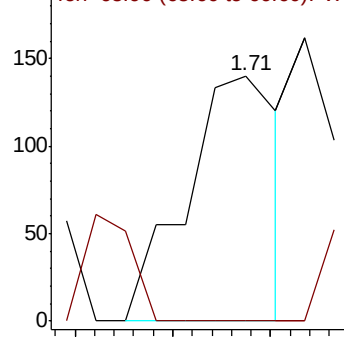
64 100

66 0.0 25.1 37.7#

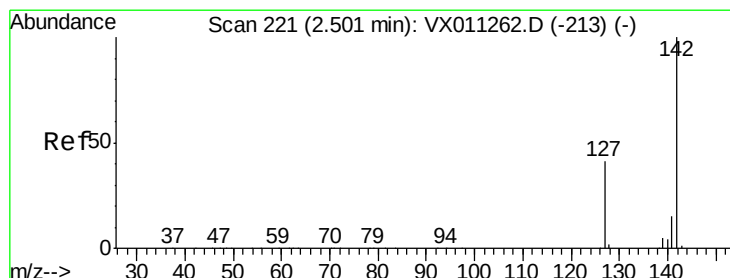
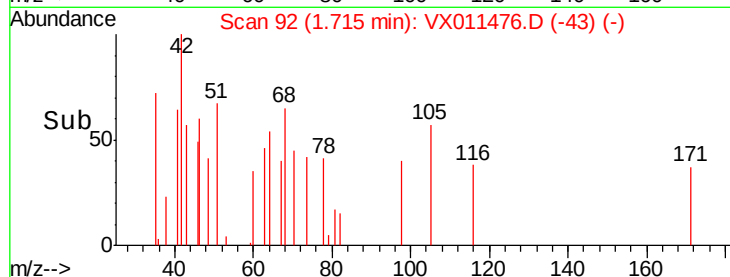


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->



#10

Methyl Iodide

Concen: 0.344 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.01 min

Lab File: VX011476.D

Acq: 12 Aug 2019 12:22

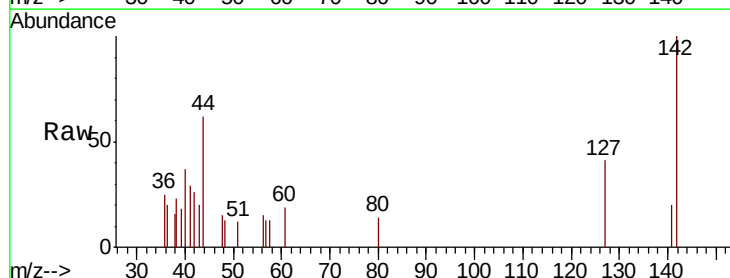
Tgt Ion: 142 Resp: 772

Ion Ratio Lower Upper

142 100

127 51.6 33.8 50.8#

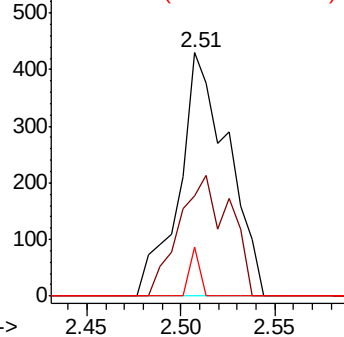
141 4.1 11.4 17.2#



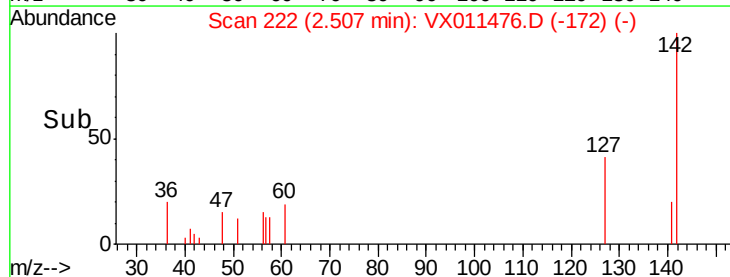
Abundance Ion 141.80 (141.50 to 142.50): V

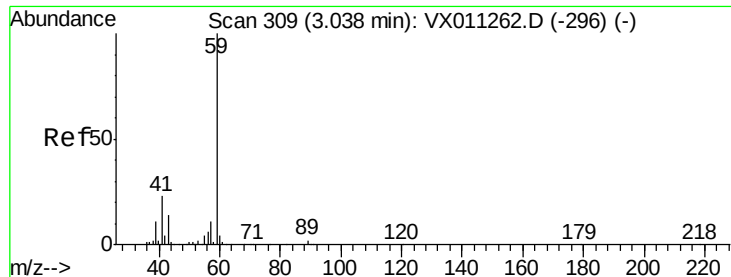
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->

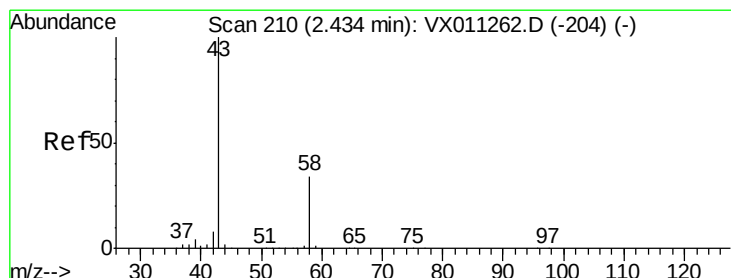
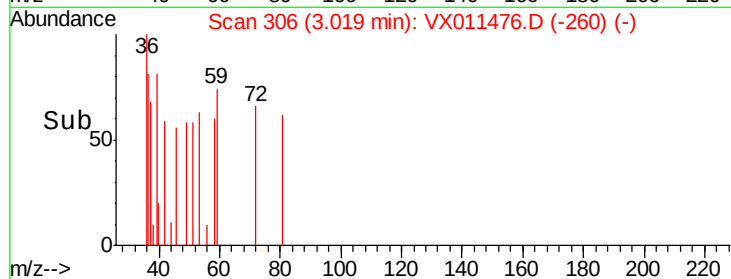
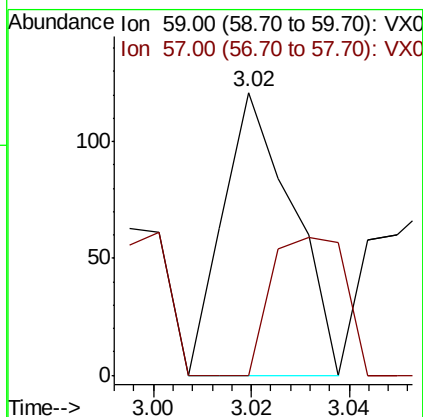
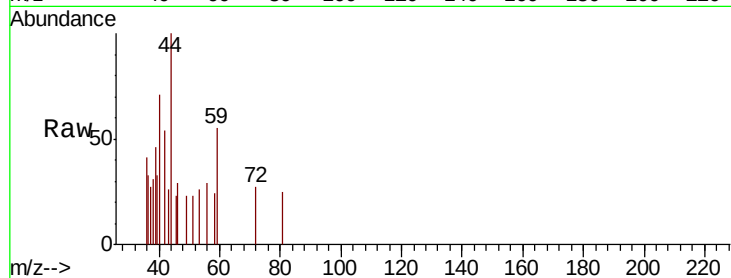




#11
Tert butyl alcohol
Concen: 0.331 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.02 min
Lab File: VX011476.D
Acq: 12 Aug 2019 12:22

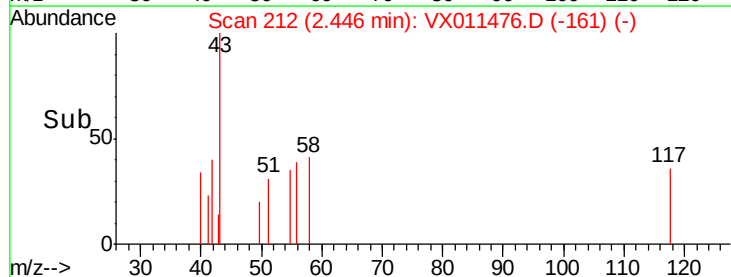
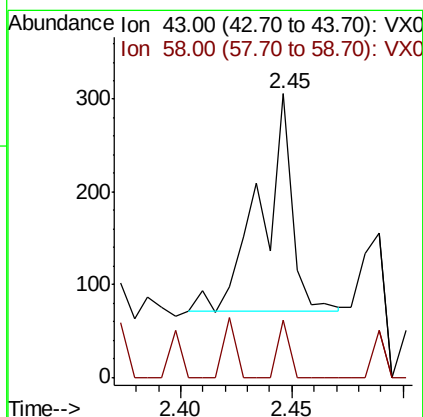
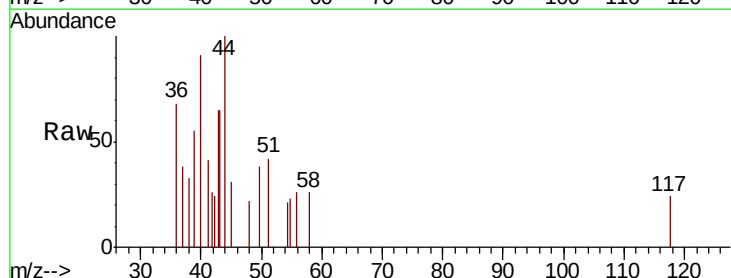
Instrument :
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BP-VPB203-TB-20190808

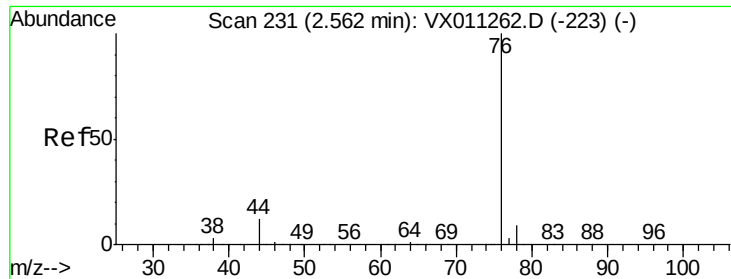
Tgt Ion: 59 Resp: 120
Ion Ratio Lower Upper
59 100
57 51.7 8.3 12.5#



#16
Acetone
Concen: 0.247 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX011476.D
Acq: 12 Aug 2019 12:22

Tgt Ion: 43 Resp: 230
Ion Ratio Lower Upper
43 100
58 26.4 27.4 41.0#

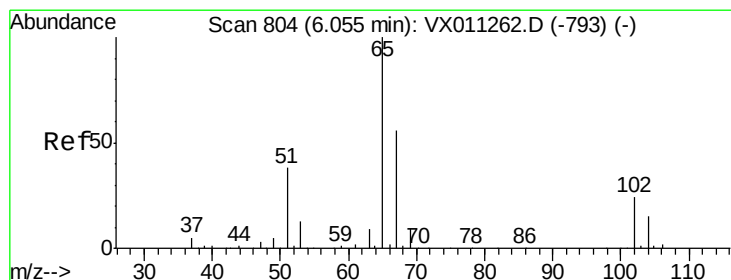
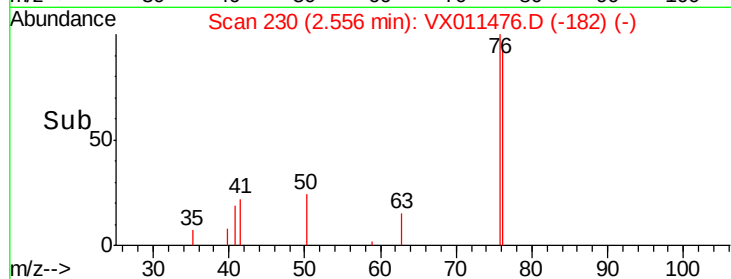
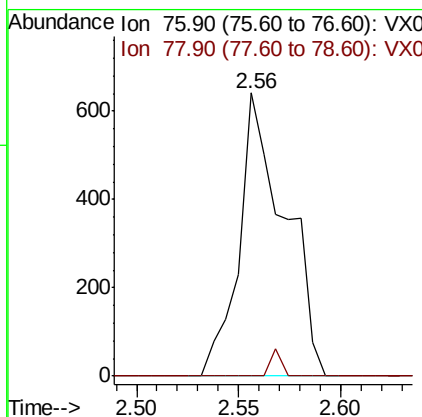
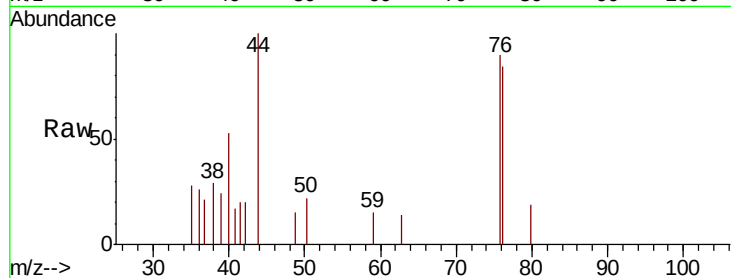




#17
Carbon Disulfide
Concen: 0.242 ug/l
RT: 2.56 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX011476.D
Acq: 12 Aug 2019 12:22

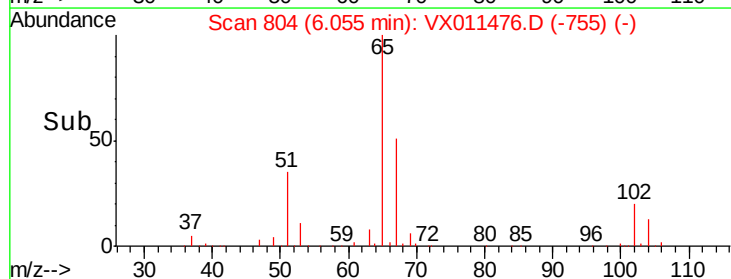
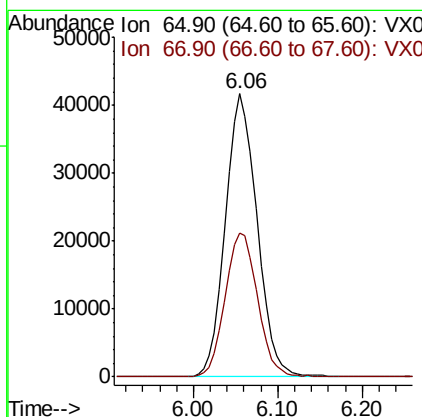
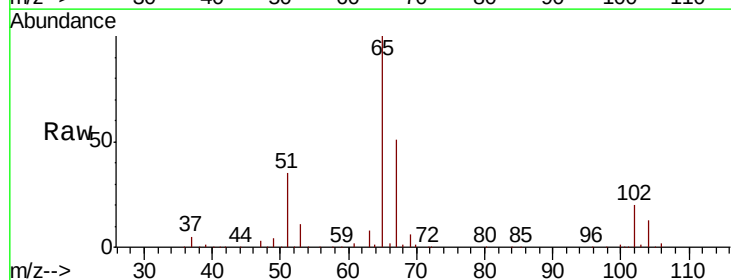
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB203-TB-20190808

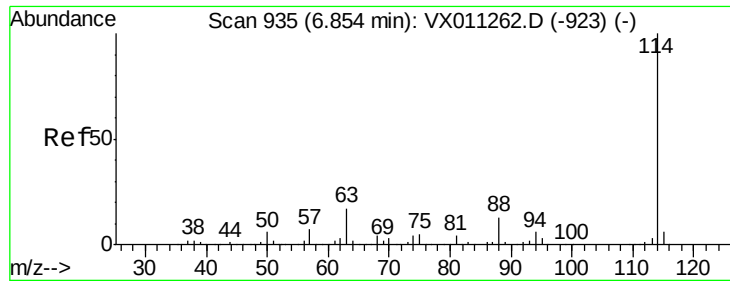
Tgt Ion: 76 Resp: 1002
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#33
1,2-Dichloroethane-d4
Concen: 54.711 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011476.D
Acq: 12 Aug 2019 12:22

Tgt Ion: 65 Resp: 106988
Ion Ratio Lower Upper
65 100
67 51.8 0.0 110.6

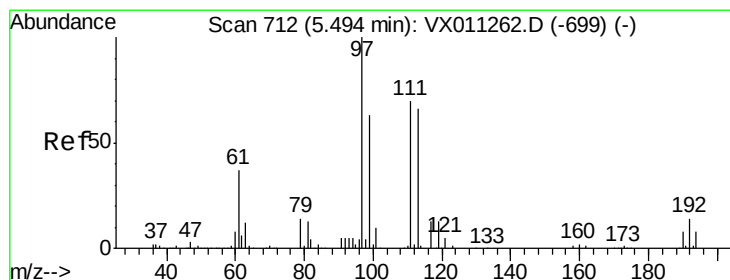
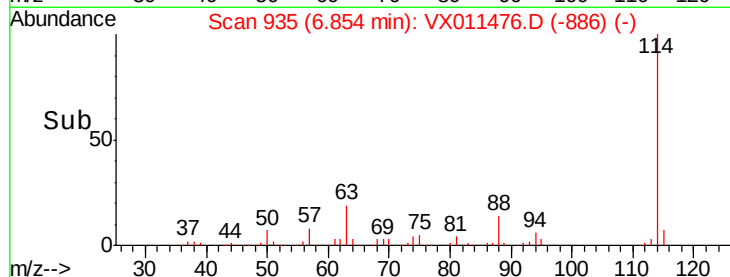
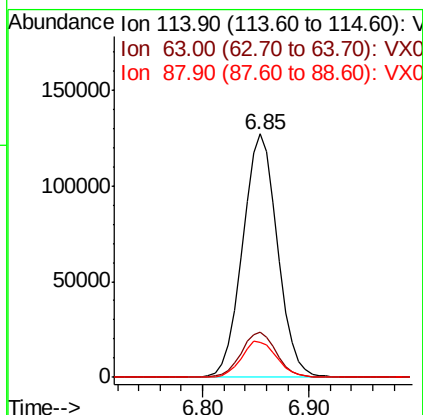
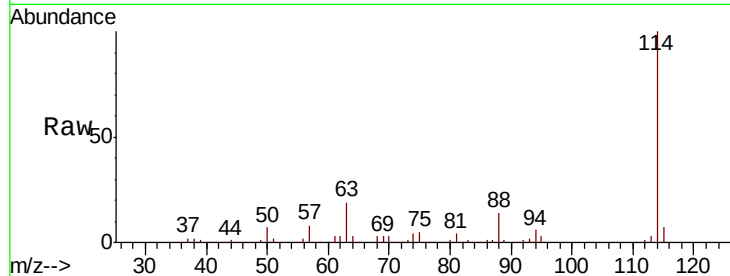




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011476.D
 Acq: 12 Aug 2019 12:22

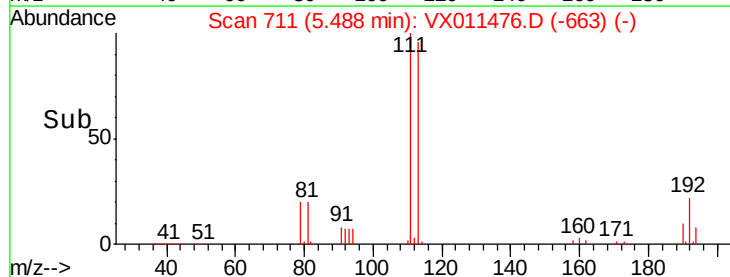
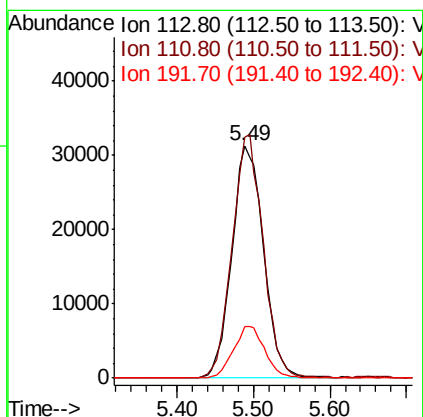
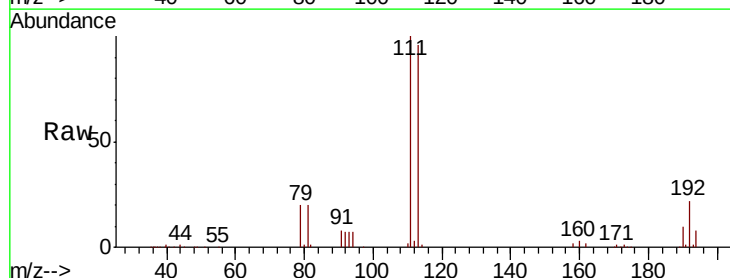
Instrument :
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 BP-VPB203-TB-20190808

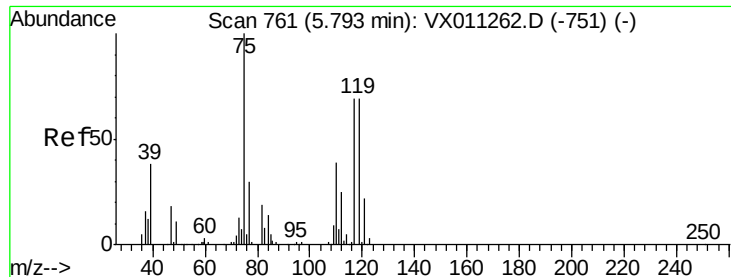
Tgt Ion:114 Resp: 291846
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 34.0
 88 14.3 0.0 26.4



#35
 Dibromofluoromethane
 Concen: 47.196 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011476.D
 Acq: 12 Aug 2019 12:22

Tgt Ion:113 Resp: 89927
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.9 122.9
 192 21.9 17.8 26.8

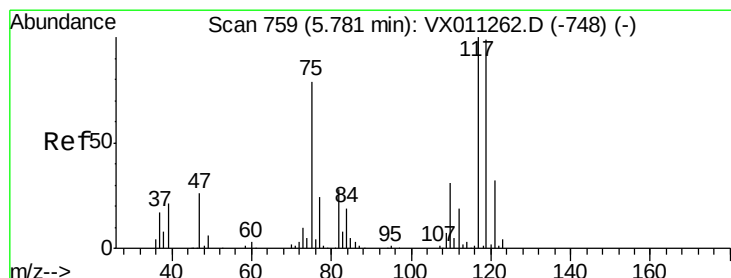
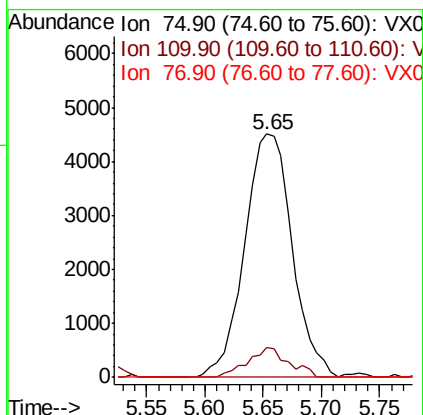
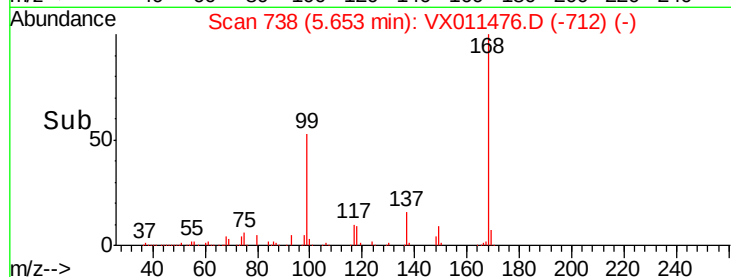
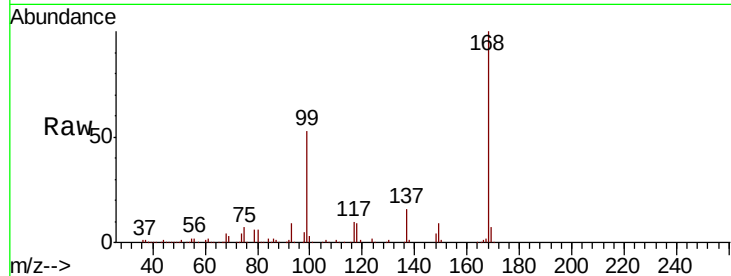




#36
 1,1-Dichloropropene
 Concen: 5.024 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.14 min
 Lab File: VX011476.D
 Acq: 12 Aug 2019 12:22

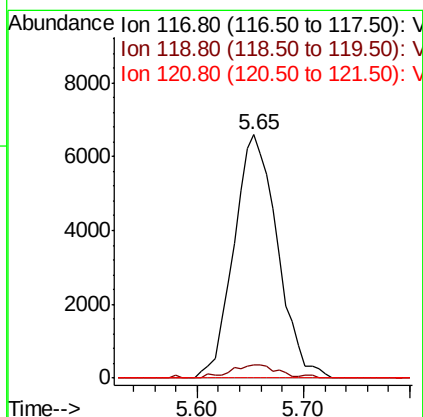
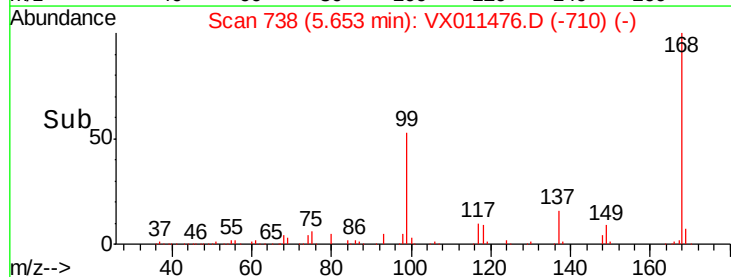
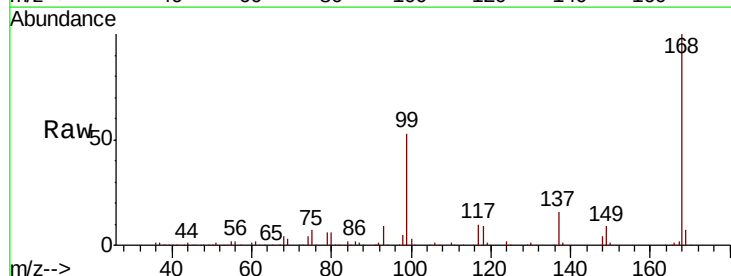
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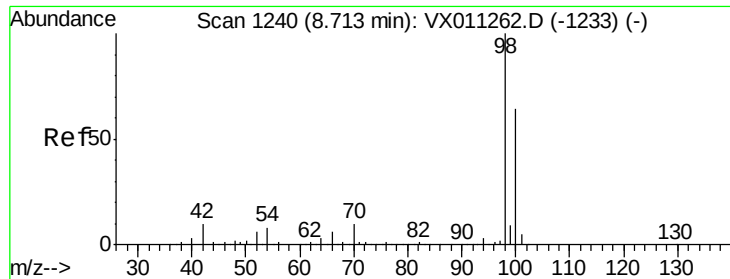
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.5	20.0	59.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 7.360 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.13 min
 Lab File: VX011476.D
 Acq: 12 Aug 2019 12:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	79.0	118.4#
121	0.0	25.9	38.9#

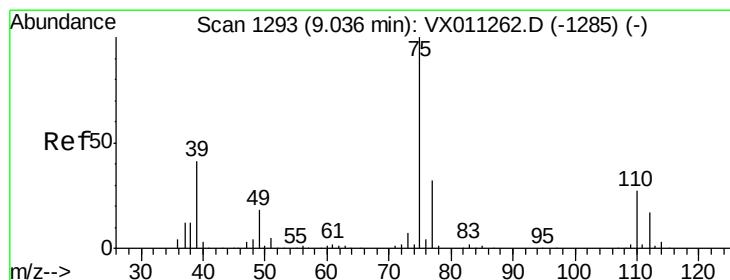
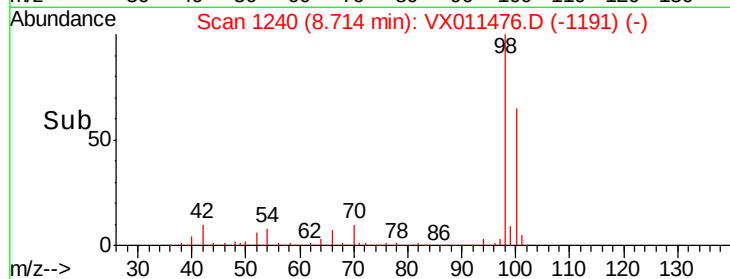
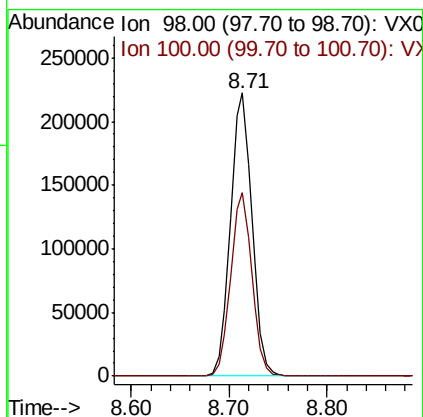
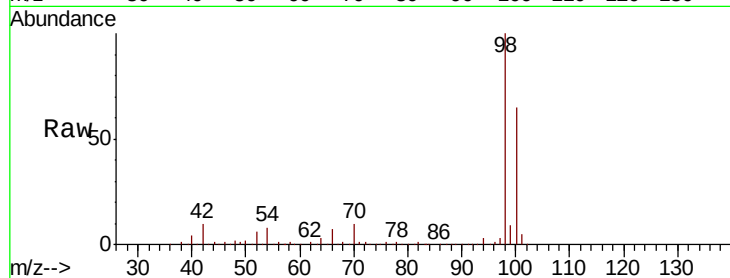




#50
Toluene-d8
Concen: 47.285 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011476.D
Acq: 12 Aug 2019 12:22

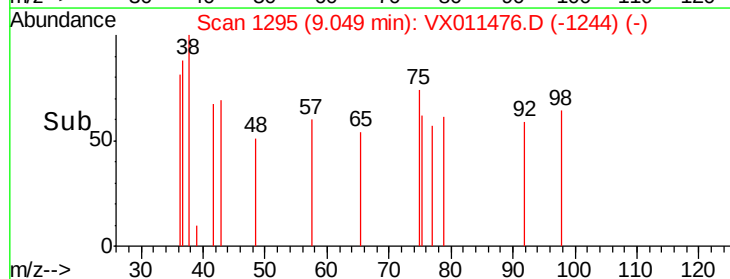
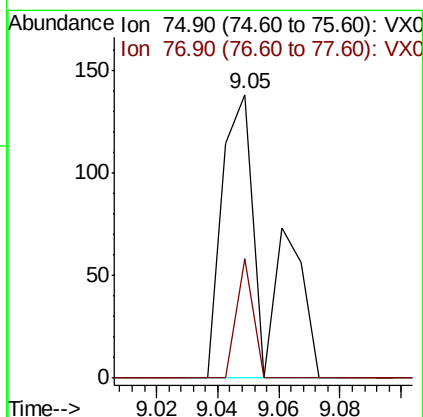
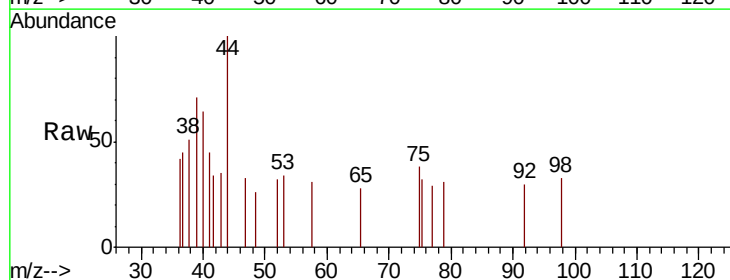
Instrument :
MSVOA_X
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BP-VPB203-TB-20190808

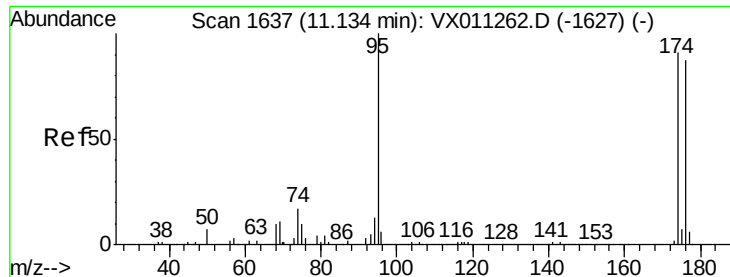
Tgt Ion: 98 Resp: 340091
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



#53
t-1,3-Dichloropropene
Concen: 2.885 ug/l
RT: 9.05 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX011476.D
Acq: 12 Aug 2019 12:22

Tgt Ion: 75 Resp: 139
Ion Ratio Lower Upper
75 100
77 42.0 25.4 38.0#

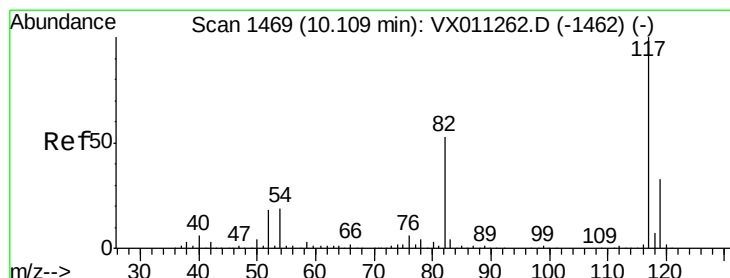
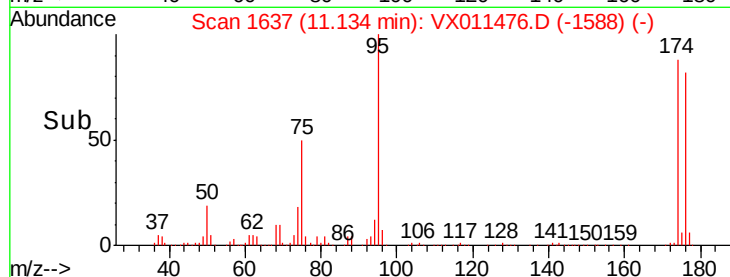
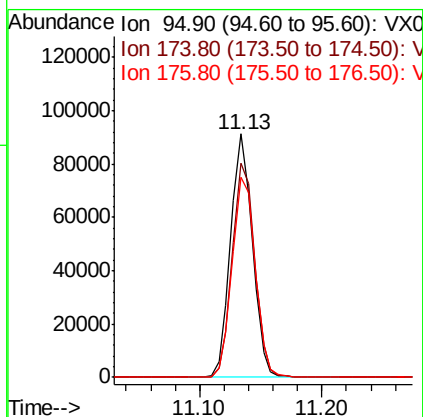
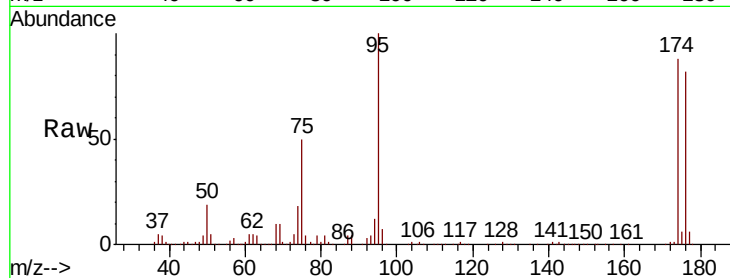




#62
4-Bromofluorobenzene
Concen: 43.665 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011476.D
Acq: 12 Aug 2019 12:22

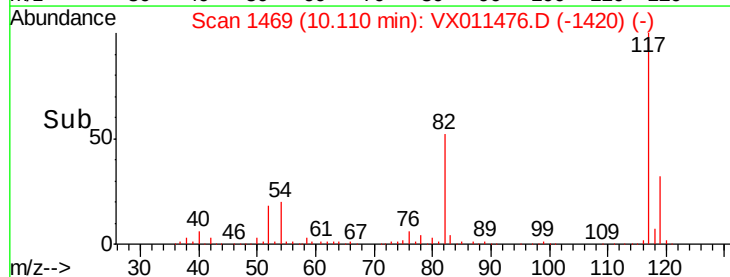
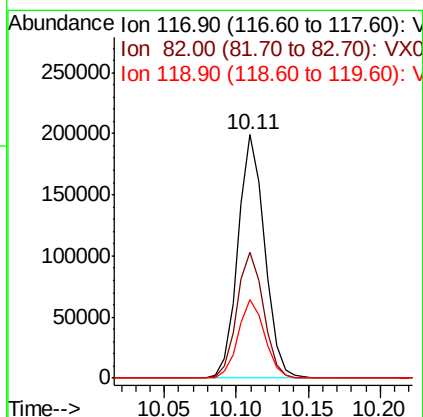
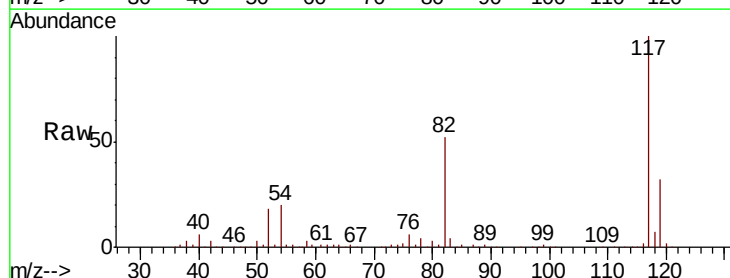
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB203-TB-20190808

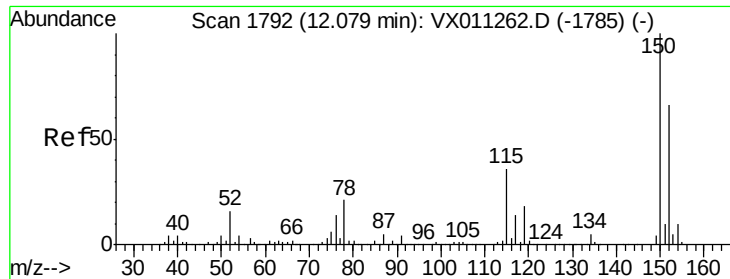
Tgt Ion: 95 Resp: 112124
Ion Ratio Lower Upper
95 100
174 91.0 0.0 191.2
176 86.8 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011476.D
Acq: 12 Aug 2019 12:22

Tgt Ion: 117 Resp: 256889
Ion Ratio Lower Upper
117 100
82 51.8 42.2 63.2
119 32.5 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011476.D

Acq: 12 Aug 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-TB-20190808

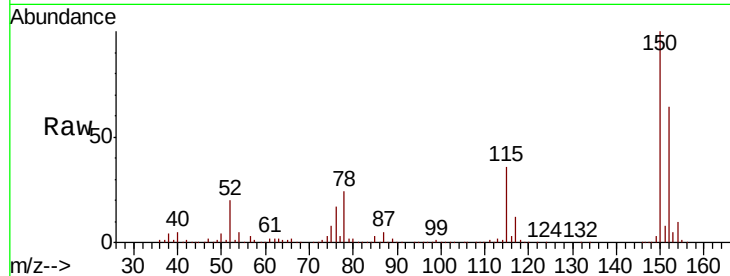
Tgt Ion:152 Resp: 117024

Ion Ratio Lower Upper

152 100

115 55.6 40.0 119.9

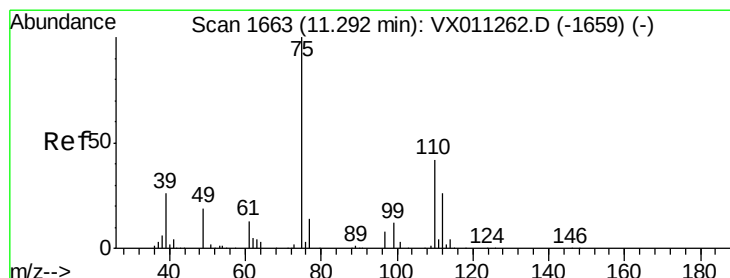
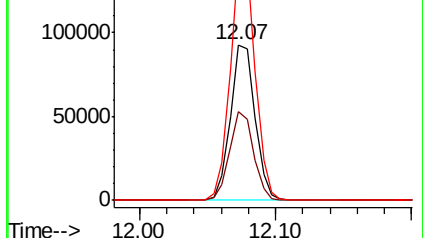
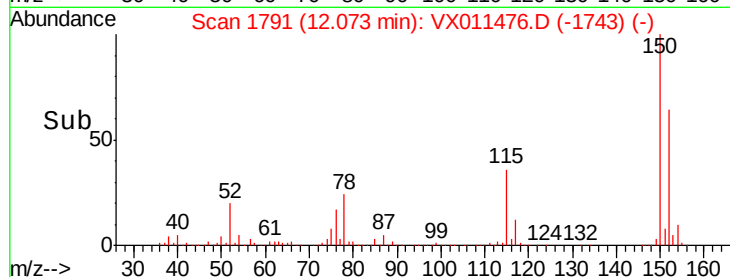
150 157.1 0.0 350.4



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



#76

1,2,3-Trichloropropane

Concen: 27.056 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011476.D

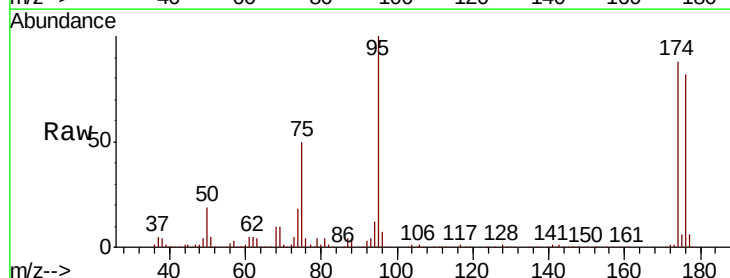
Acq: 12 Aug 2019 12:22

Tgt Ion: 75 Resp: 57660

Ion Ratio Lower Upper

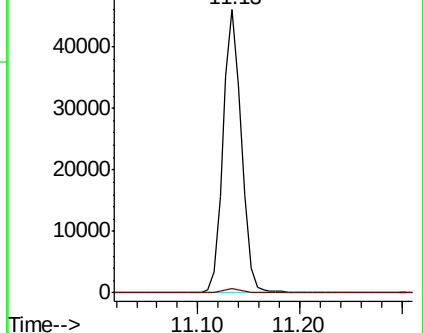
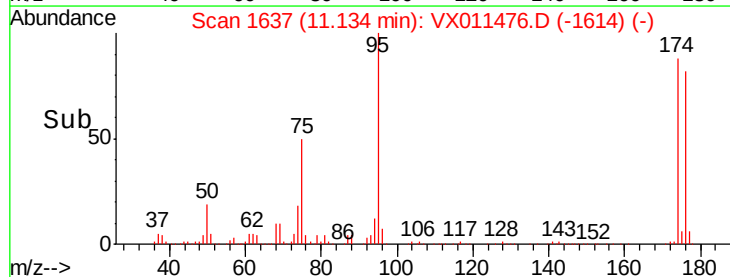
75 100

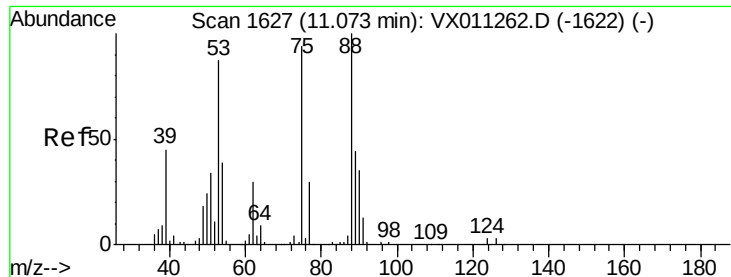
77 1.4 21.1 63.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 70.232 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011476.D

Acq: 12 Aug 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-TB-20190808

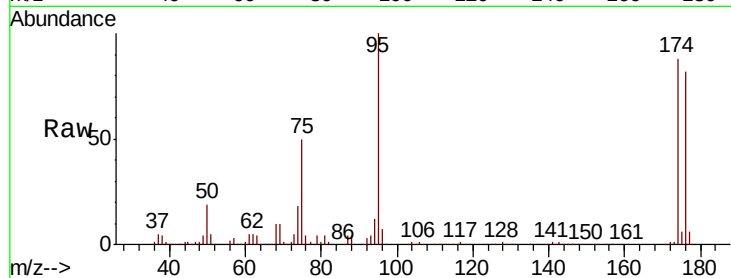
Tgt Ion: 75 Resp: 57660

Ion Ratio Lower Upper

75 100

53 0.1 78.2 117.4#

89 0.0 37.9 56.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

