

Data File : VX011297.D
Acq On : 02 Aug 2019 12:13
Operator : JC/SP
Sample : K4043-14
Misc : 5.10g/10mL/100uL/10mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB203-GW-298-300

Quant Time: Aug 03 05:40:51 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	153300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	244862	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	216091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	102271	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	80089	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
35) Dibromofluoromethane	5.49	113	71773	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	
50) Toluene-d8	8.71	98	292610	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
62) 4-Bromofluorobenzene	11.13	95	91945	42.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.36%	

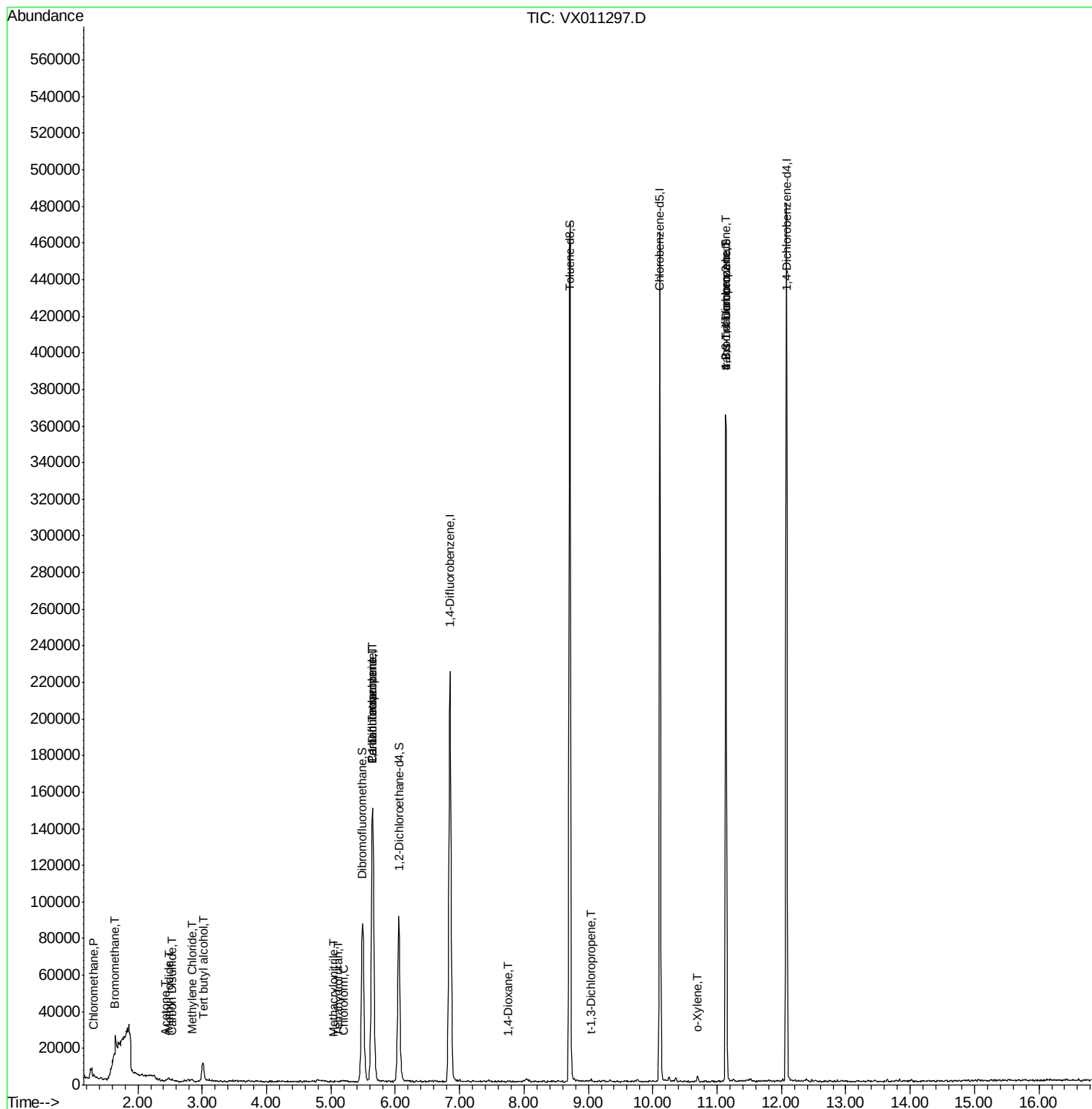
Target Compounds			Qvalue			
3) Chloromethane	1.31	50	612	0.460 ug/l #	87	
5) Bromomethane	1.63	94	876	0.840 ug/l	100	
6) Chloroethane	1.71	64	61	Below Cal #	1	
10) Methyl Iodide	2.48	142	1015	0.572 ug/l #	96	
11) Tert butyl alcohol	3.01	59	5859	19.053 ug/l #	77	
13) Acrolein	2.28	56	80	Below Cal #	1	
16) Acetone	2.43	43	222	0.302 ug/l #	62	
17) Carbon Disulfide	2.53	76	787	0.240 ug/l #	93	
20) Methylene Chloride	2.84	84	419	0.260 ug/l #	84	
29) Tetrahydrofuran	5.12	42	202	0.315 ug/l #	36	
30) Chloroform	5.20	83	578	0.221 ug/l #	76	
36) 1,1-Dichloropropene	5.65	75	9879	4.621 ug/l #	49	
38) Carbon Tetrachloride	5.64	117	13894	6.460 ug/l #	16	
41) Methacrylonitrile	5.04	41	238	0.203 ug/l #	20	
49) 1,4-Dioxane	7.76	88	41	0.877 ug/l #	71	
53) t-1,3-Dichloropropene	9.04	75	128	2.889 ug/l #	43	
69) o-Xylene	10.69	106	689	0.234 ug/l	92	
76) 1,2,3-Trichloropropane	11.13	75	44503	23.895 ug/l #	36	
81) trans-1,4-Dichloro-2-buten	11.13	75	44503	62.555 ug/l #	10	

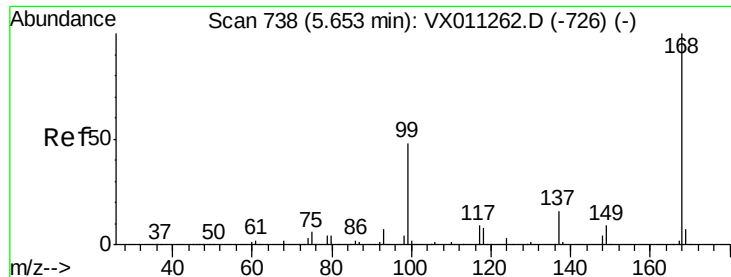
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.01 min

Lab File: VX011297.D

Acq: 02 Aug 2019 12:13

Instrument :

MSVOA_N

ClientSampleId :

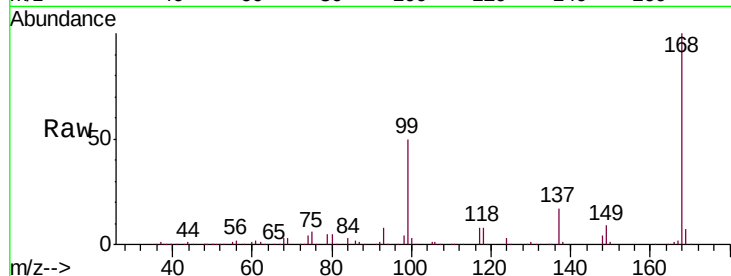
BP-VPB203-GW-298-300

Tgt Ion: 168 Resp: 153300

Ion Ratio Lower Upper

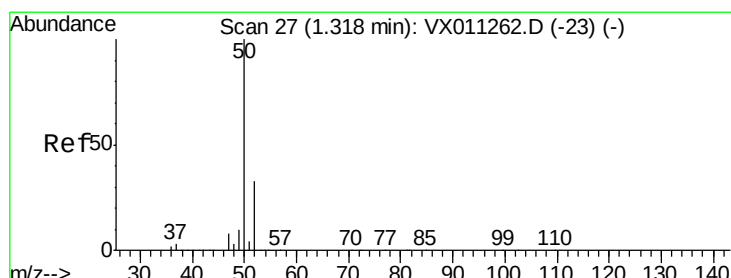
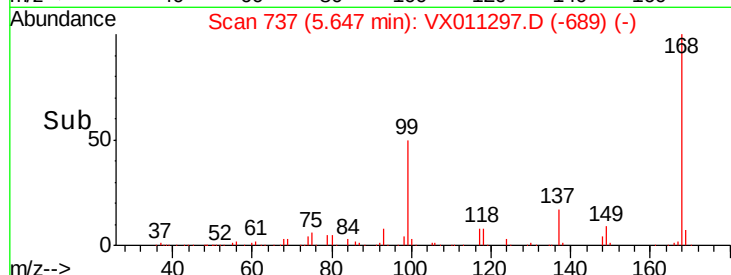
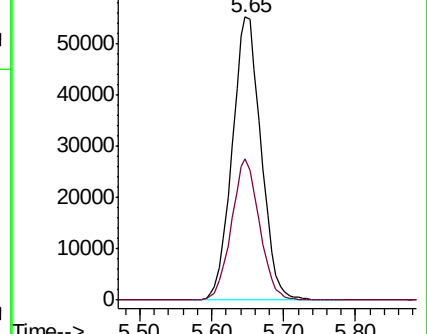
168 100

99 49.8 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.460 ug/l

RT: 1.31 min Scan# 26

Delta R.T. -0.01 min

Lab File: VX011297.D

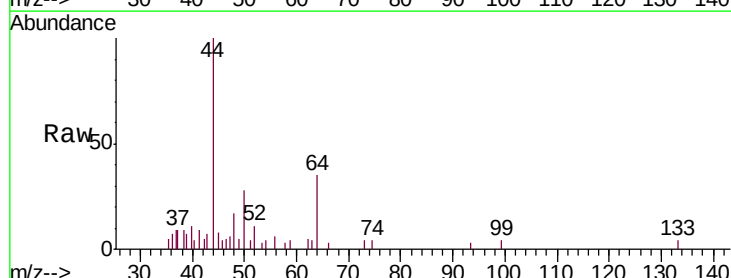
Acq: 02 Aug 2019 12:13

Tgt Ion: 50 Resp: 612

Ion Ratio Lower Upper

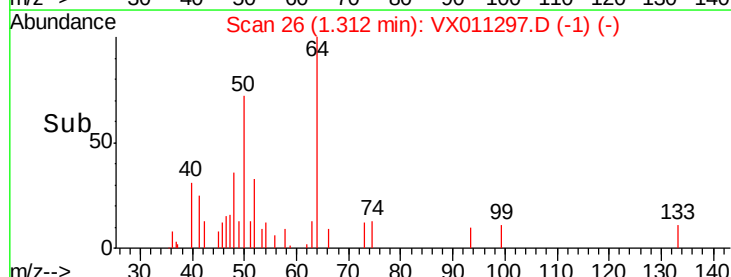
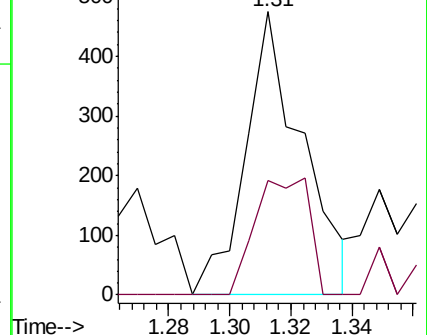
50 100

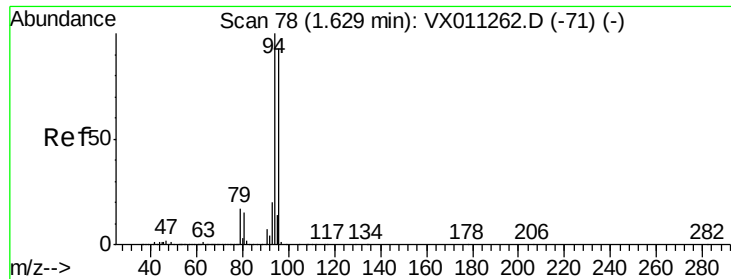
52 40.3 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.840 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011297.D

Acq: 02 Aug 2019 12:13

Instrument :

MSVOA_N

ClientSampleId :

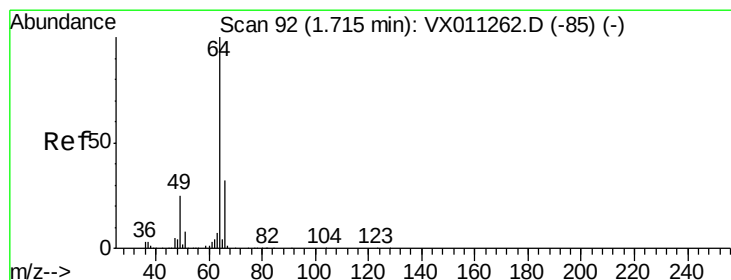
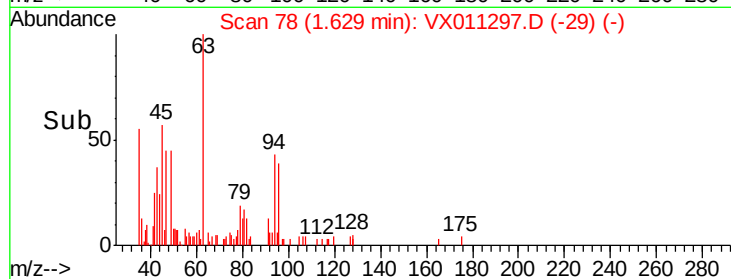
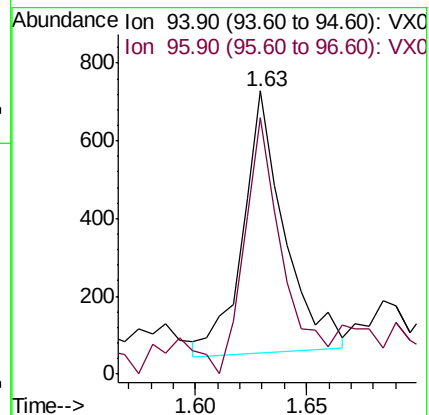
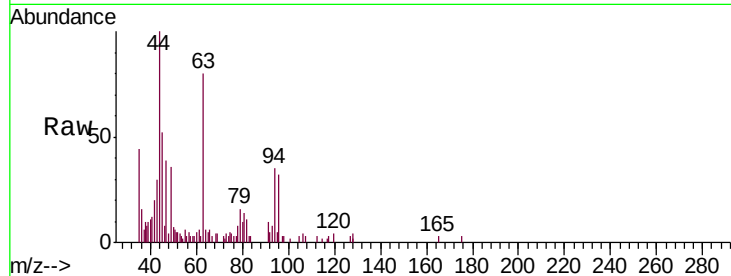
BP-VPB203-GW-298-300

Tgt Ion: 94 Resp: 876

Ion Ratio Lower Upper

94 100

96 93.0 74.6 112.0



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011297.D

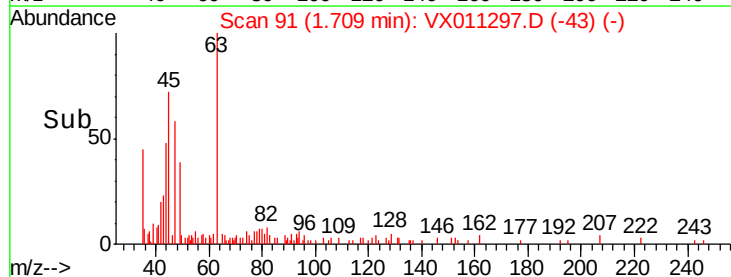
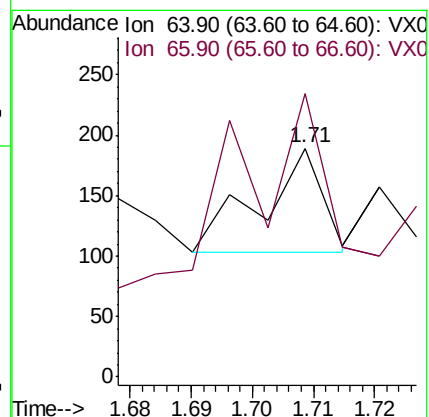
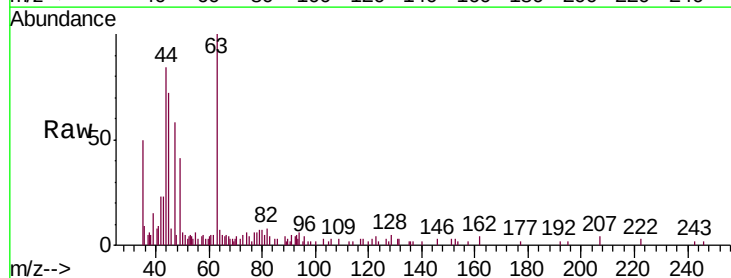
Acq: 02 Aug 2019 12:13

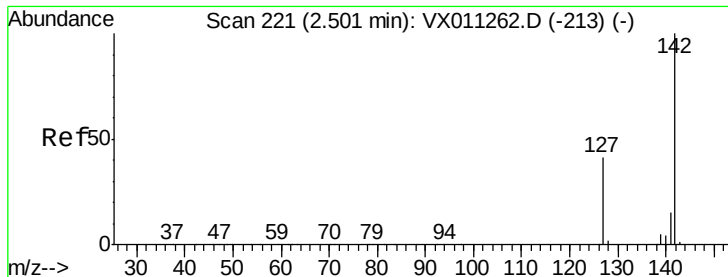
Tgt Ion: 64 Resp: 61

Ion Ratio Lower Upper

64 100

66 169.8 25.1 37.7#

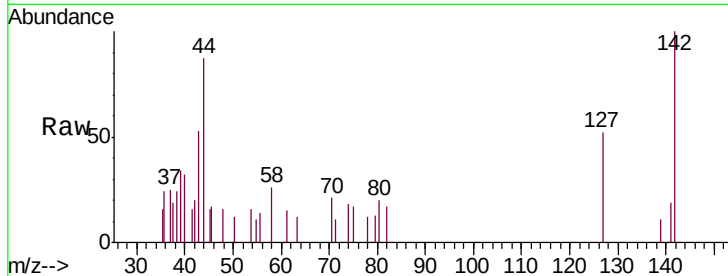




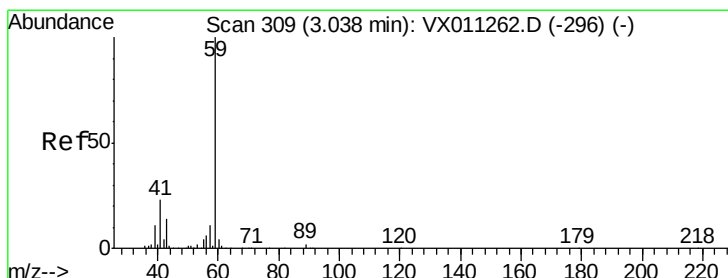
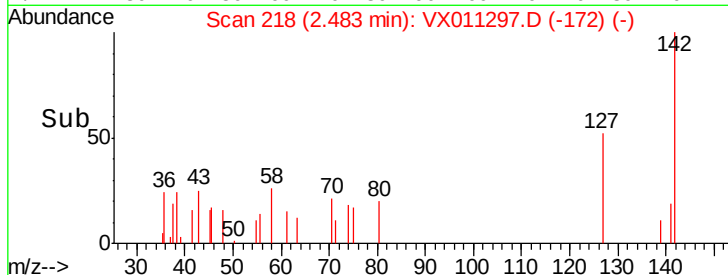
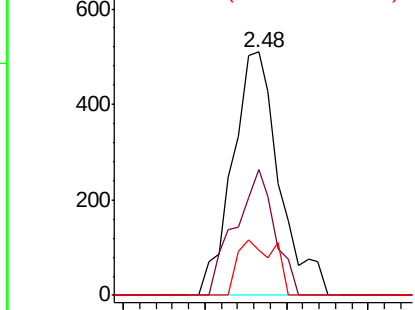
#10
Methyl Iodide
Concen: 0.572 ug/l
RT: 2.48 min Scan# 218
Delta R.T. -0.02 min
Lab File: VX011297.D
Acq: 02 Aug 2019 12:13

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB203-GW-298-300

Tgt Ion:142 Resp: 1015
Ion Ratio Lower Upper
142 100
127 43.9 33.8 50.8
141 17.7 11.4 17.2#

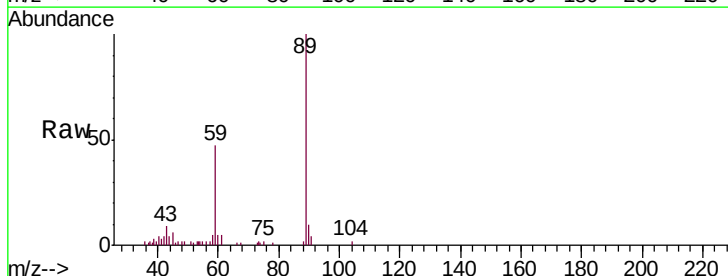


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

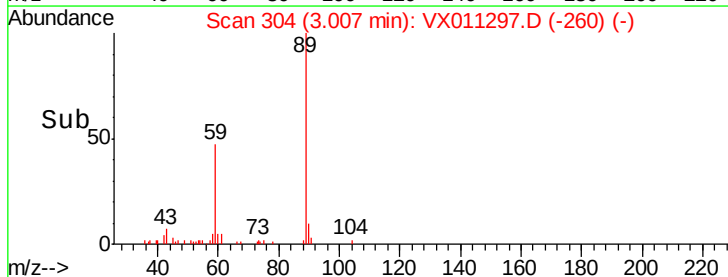
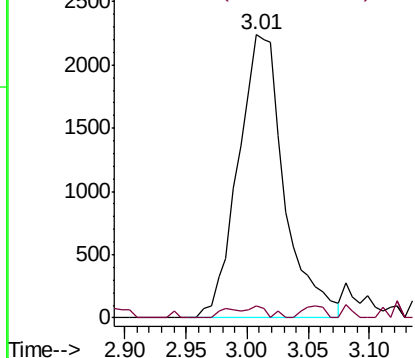


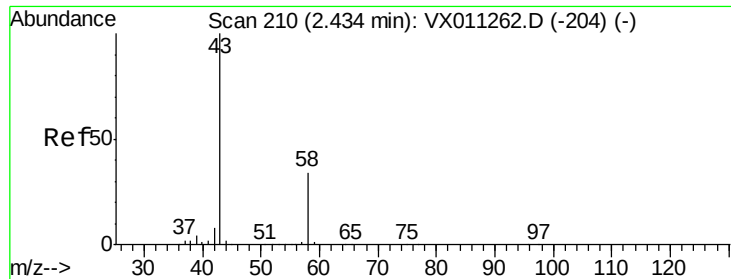
#11
Tert butyl alcohol
Concen: 19.053 ug/l
RT: 3.01 min Scan# 304
Delta R.T. -0.03 min
Lab File: VX011297.D
Acq: 02 Aug 2019 12:13

Tgt Ion: 59 Resp: 5859
Ion Ratio Lower Upper
59 100
57 1.8 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 0.302 ug/l

RT: 2.43 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX011297.D

Acq: 02 Aug 2019 12:13

Instrument :

MSVOA_N

ClientSampleId :

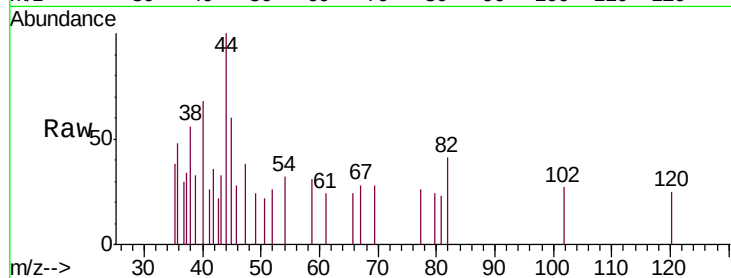
BP-VPB203-GW-298-300

Tgt Ion: 43 Resp: 222

Ion Ratio Lower Upper

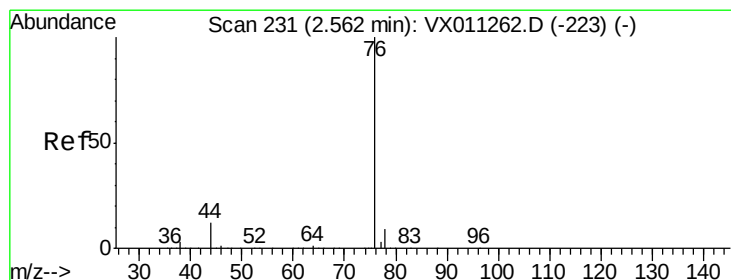
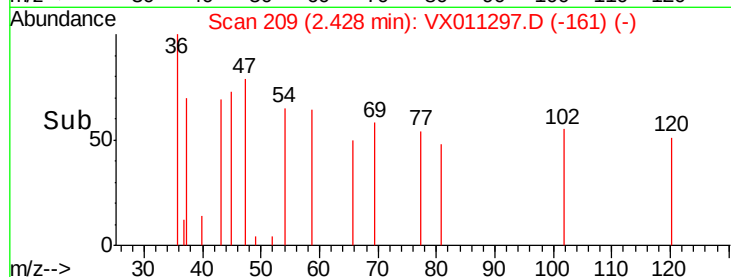
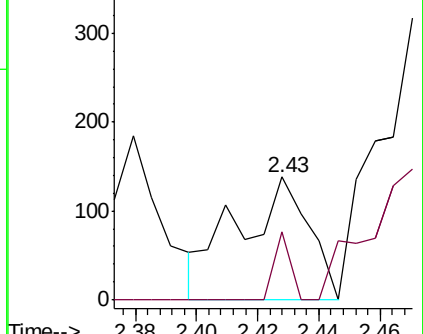
43 100

58 55.8 27.4 41.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.240 ug/l

RT: 2.53 min Scan# 225

Delta R.T. -0.04 min

Lab File: VX011297.D

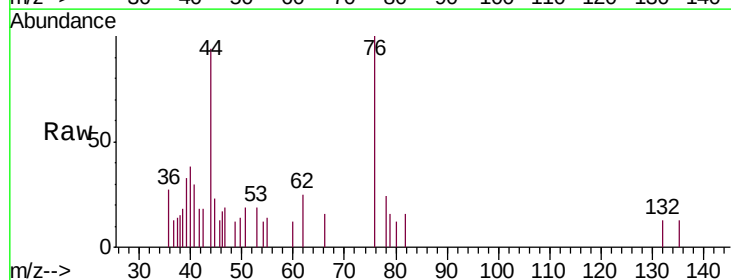
Acq: 02 Aug 2019 12:13

Tgt Ion: 76 Resp: 787

Ion Ratio Lower Upper

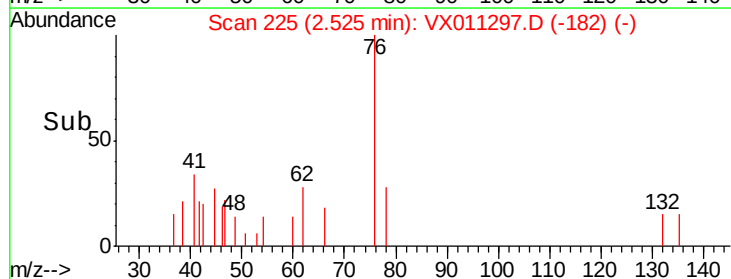
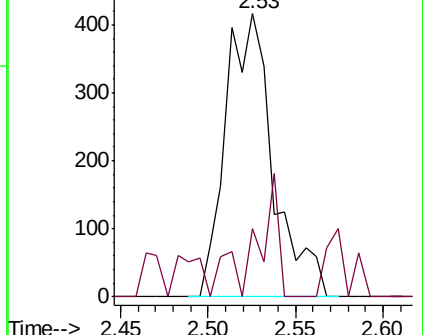
76 100

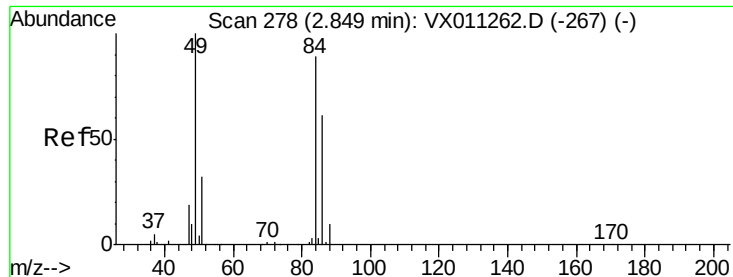
78 11.8 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

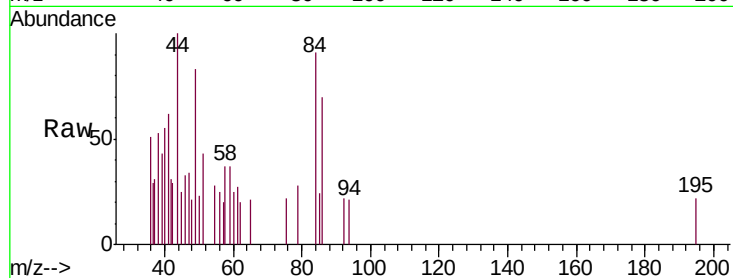




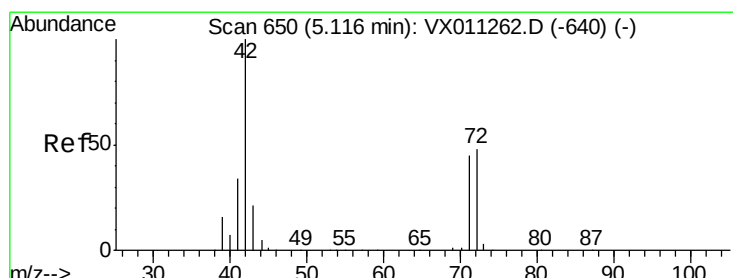
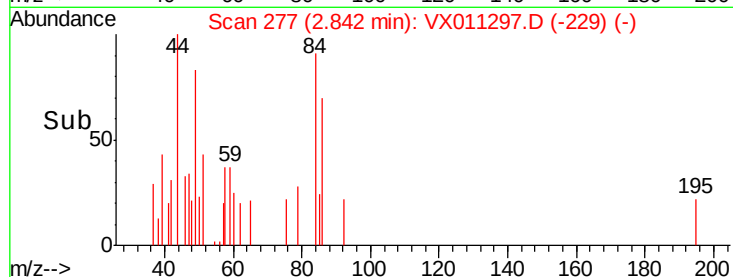
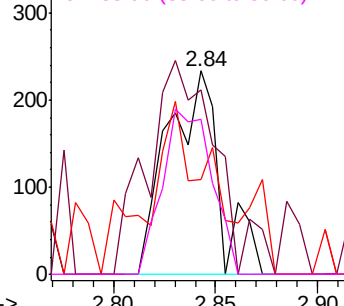
#20
Methylene Chloride
Concen: 0.260 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX011297.D
Acq: 02 Aug 2019 12:13

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB203-GW-298-300

Tgt Ion: 84 Resp: 419
Ion Ratio Lower Upper
84 100
49 91.0 89.3 133.9
51 46.8 28.3 42.5#
86 76.4 54.5 81.7

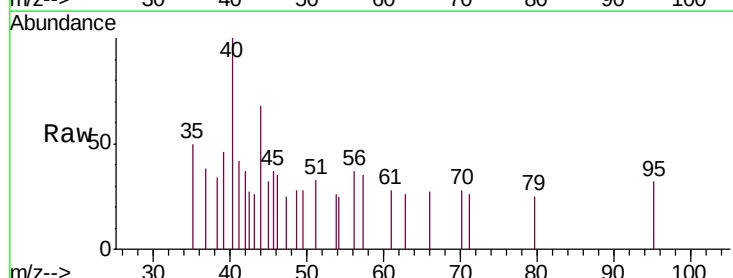


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

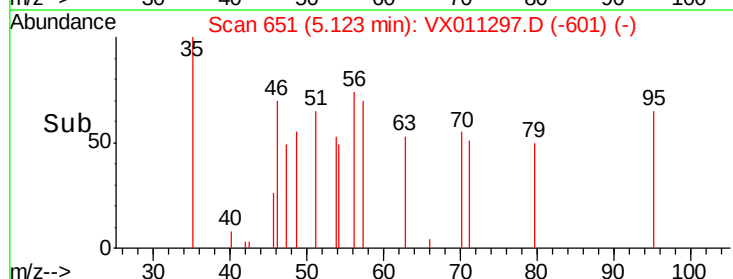
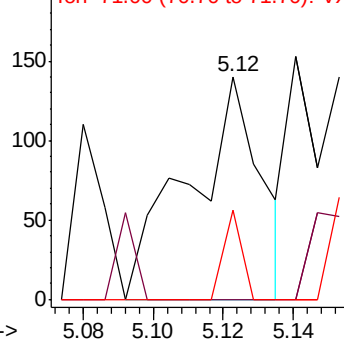


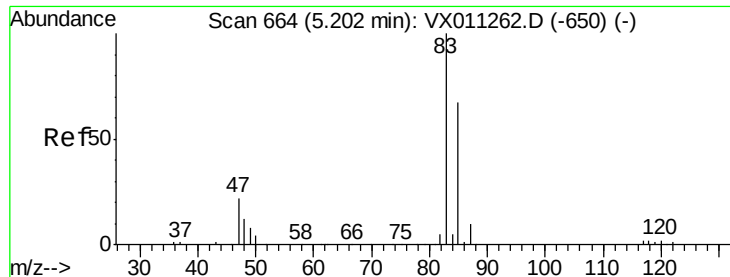
#29
Tetrahydrofuran
Concen: 0.315 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.01 min
Lab File: VX011297.D
Acq: 02 Aug 2019 12:13

Tgt Ion: 42 Resp: 202
Ion Ratio Lower Upper
42 100
72 0.0 39.9 59.9#
71 9.9 36.9 55.3#



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0





#30

Chloroform

Concen: 0.221 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.00 min

Lab File: VX011297.D

Acq: 02 Aug 2019 12:13

Instrument :

MSVOA_N

ClientSampleId :

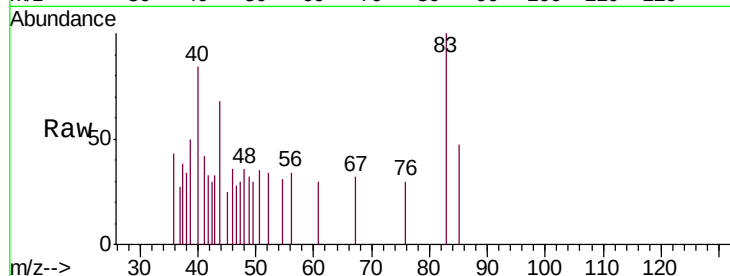
BP-VPB203-GW-298-300

Tgt Ion: 83 Resp: 578

Ion Ratio Lower Upper

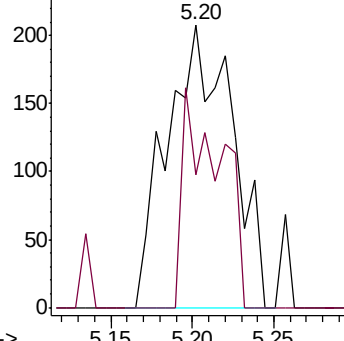
83 100

85 47.1 53.4 80.0#

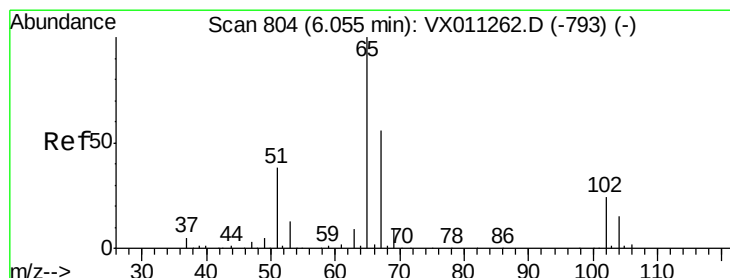
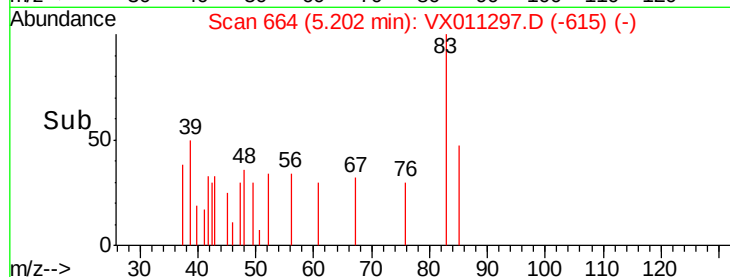


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.877 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011297.D

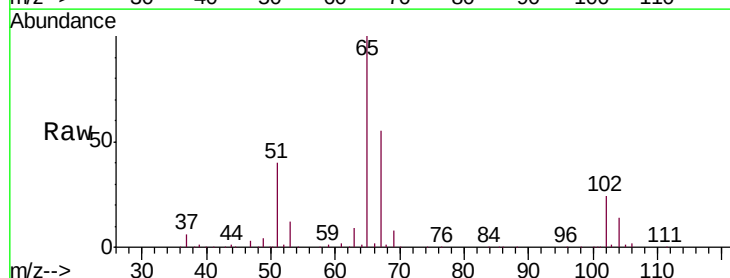
Acq: 02 Aug 2019 12:13

Tgt Ion: 65 Resp: 80089

Ion Ratio Lower Upper

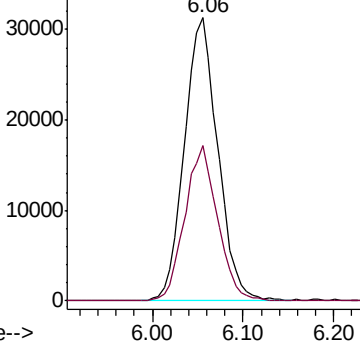
65 100

67 53.7 0.0 110.6

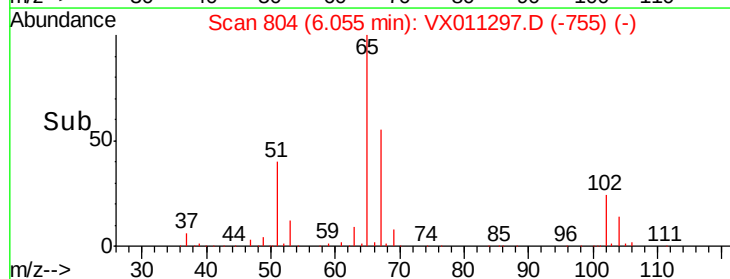


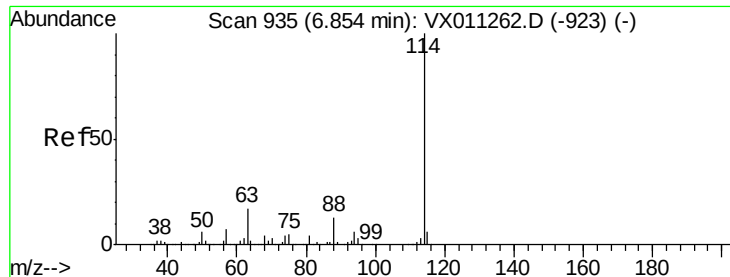
Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. -0.01 min

Lab File: VX011297.D

Acq: 02 Aug 2019 12:13

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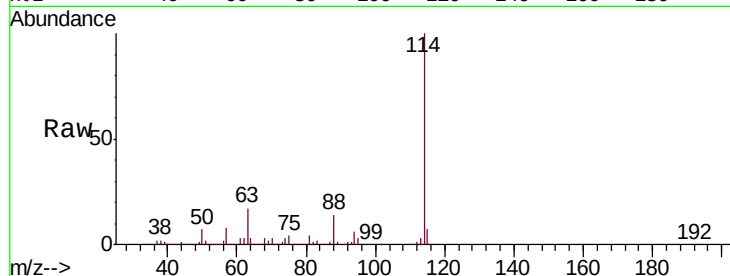
Tgt Ion:114 Resp: 244862

Ion Ratio Lower Upper

114 100

63 16.9 0.0 34.0

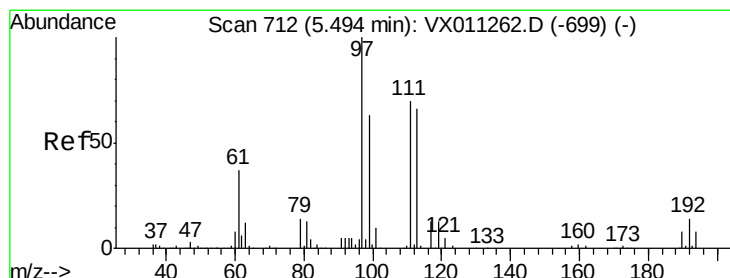
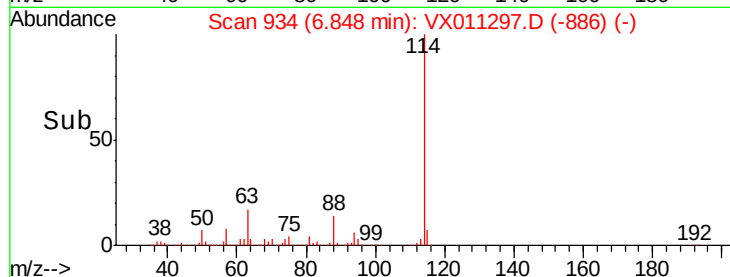
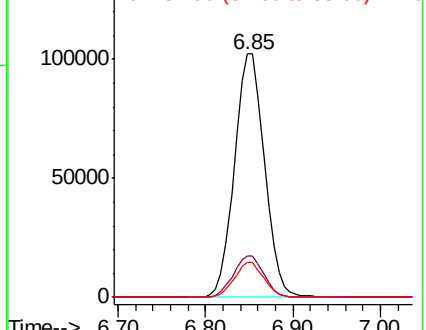
88 14.5 0.0 26.4



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: 44.896 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011297.D

Acq: 02 Aug 2019 12:13

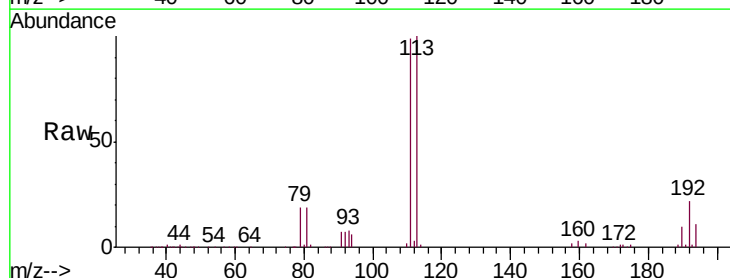
Tgt Ion:113 Resp: 71773

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

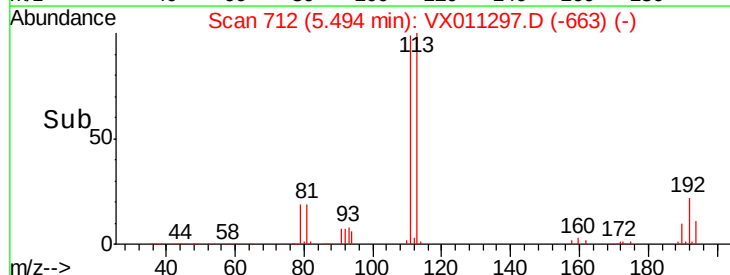
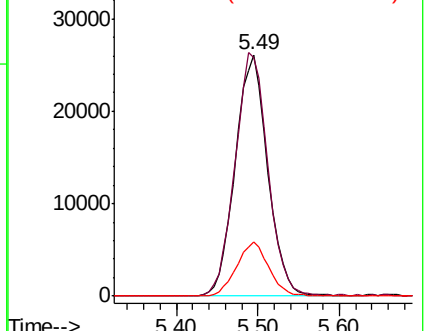
192 22.2 17.8 26.8

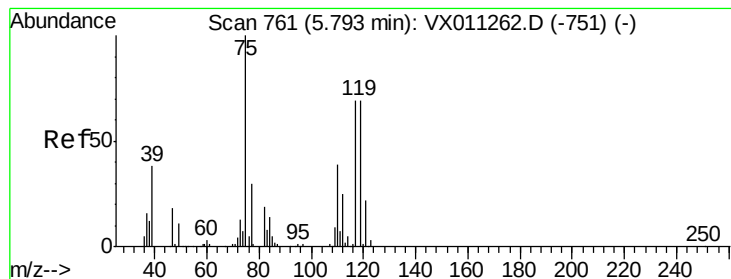


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.621 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.14 min

Lab File: VX011297.D

Acq: 02 Aug 2019 12:13

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB203-GW-298-300

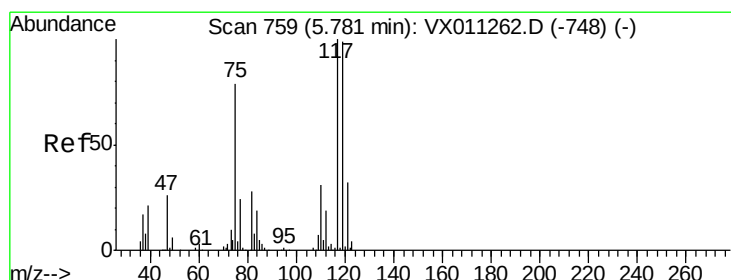
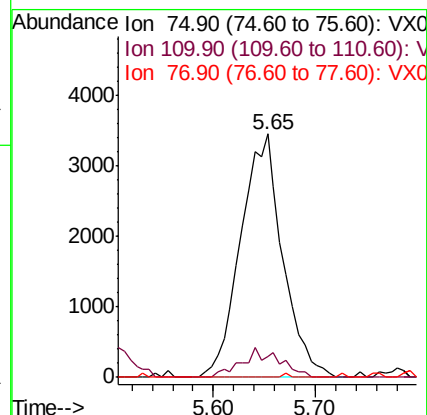
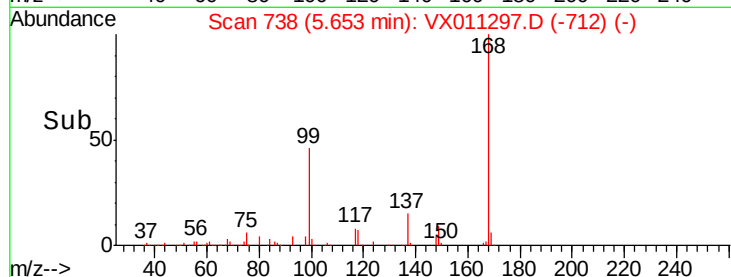
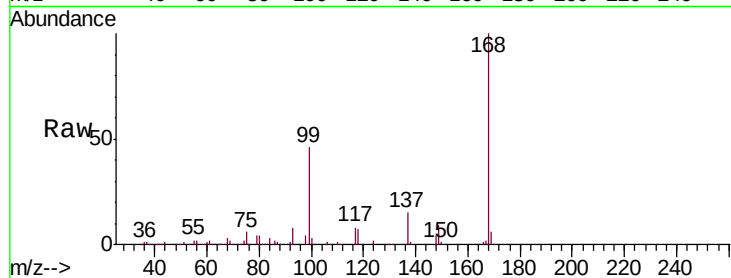
Tgt Ion: 75 Resp: 9879

Ion Ratio Lower Upper

75 100

110 10.8 20.0 59.9#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.460 ug/l

RT: 5.64 min Scan# 736

Delta R.T. -0.14 min

Lab File: VX011297.D

Acq: 02 Aug 2019 12:13

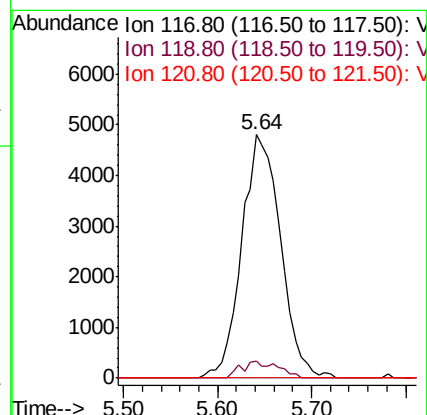
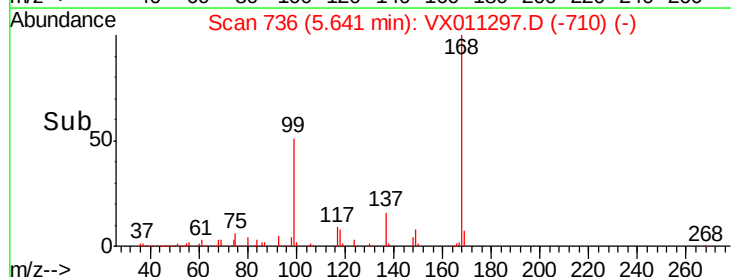
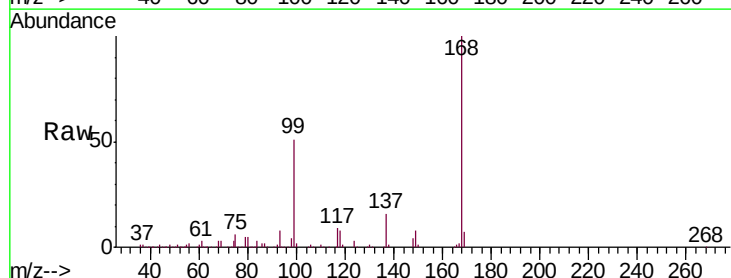
Tgt Ion: 117 Resp: 13894

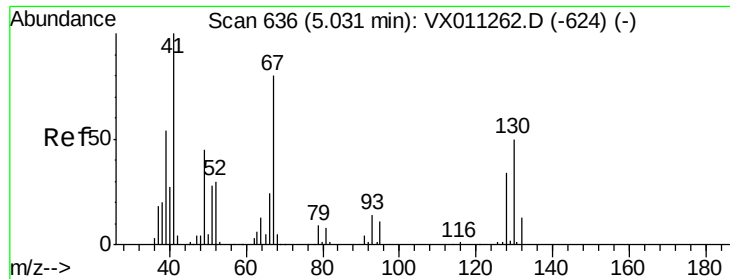
Ion Ratio Lower Upper

117 100

119 6.8 79.0 118.4#

121 0.0 25.9 38.9#





#41

Methacrylonitrile

Concen: 0.203 ug/l

RT: 5.04 min Scan# 637

Delta R.T. 0.01 min

Lab File: VX011297.D

Acq: 02 Aug 2019 12:13

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB203-GW-298-300

Tgt Ion: 41 Resp: 238

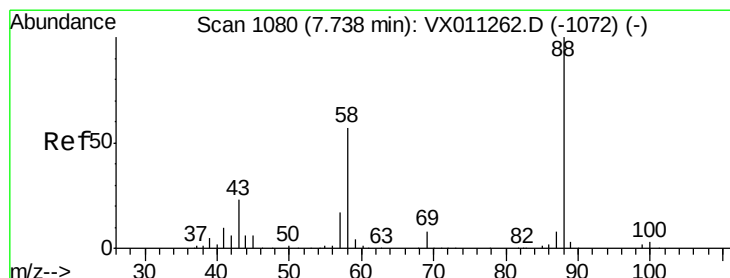
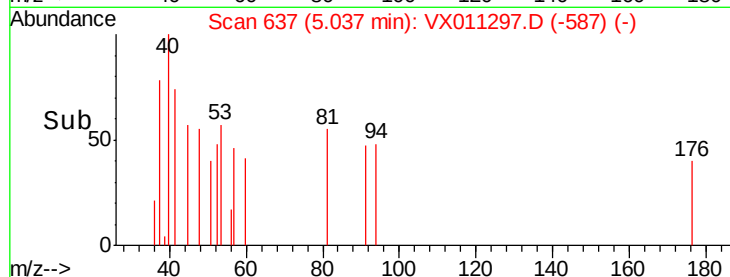
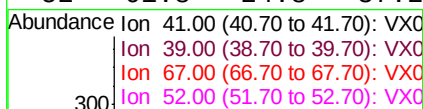
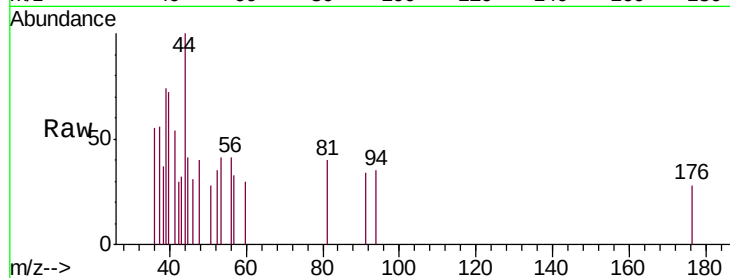
Ion Ratio Lower Upper

41 100

39 0.0 43.0 64.6#

67 0.0 65.1 97.7#

52 61.8 24.8 37.2#



#49

1,4-Dioxane

Concen: 0.877 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.02 min

Lab File: VX011297.D

Acq: 02 Aug 2019 12:13

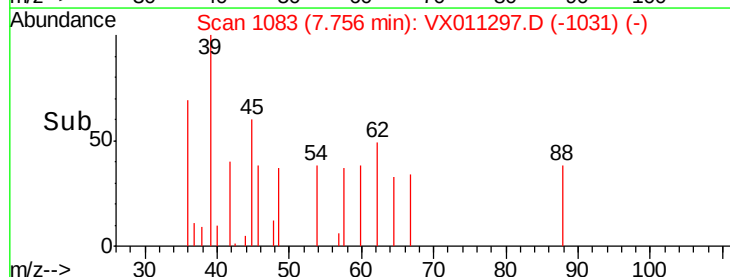
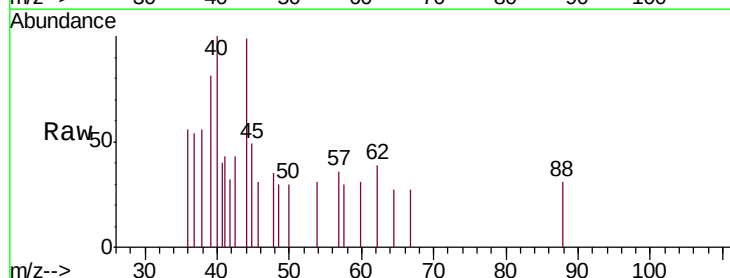
Tgt Ion: 88 Resp: 41

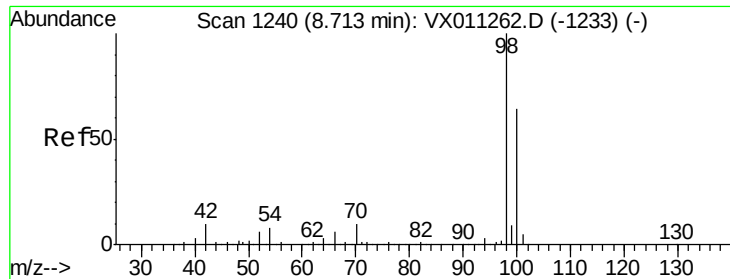
Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.2#

58 46.3 47.8 71.8#





#50

Toluene-d8

Concen: 48.490 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011297.D

Acq: 02 Aug 2019 12:13

Instrument :

MSVOA_N

ClientSampleId :

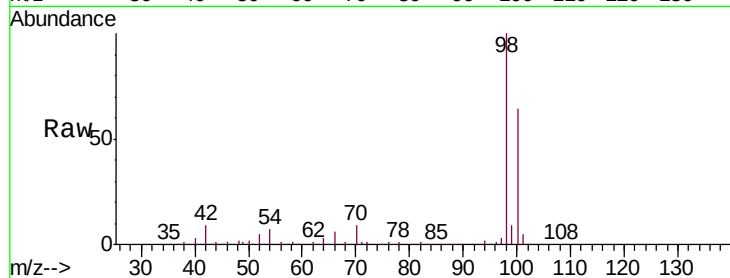
BP-VPB203-GW-298-300

Tgt Ion: 98 Resp: 292610

Ion Ratio Lower Upper

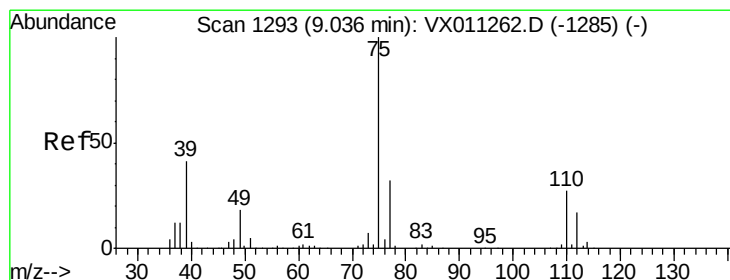
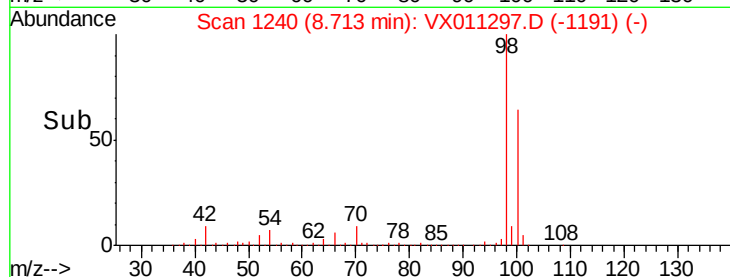
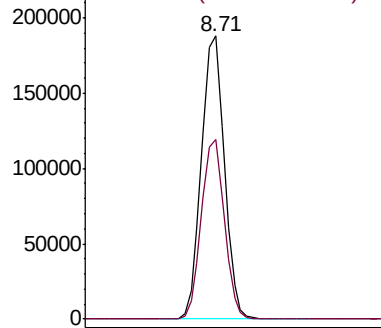
98 100

100 63.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#53

t-1,3-Dichloropropene

Concen: 2.889 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX011297.D

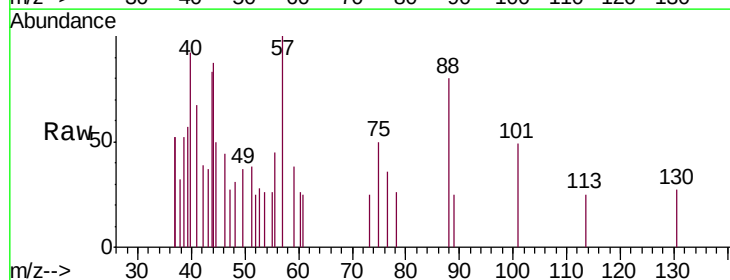
Acq: 02 Aug 2019 12:13

Tgt Ion: 75 Resp: 128

Ion Ratio Lower Upper

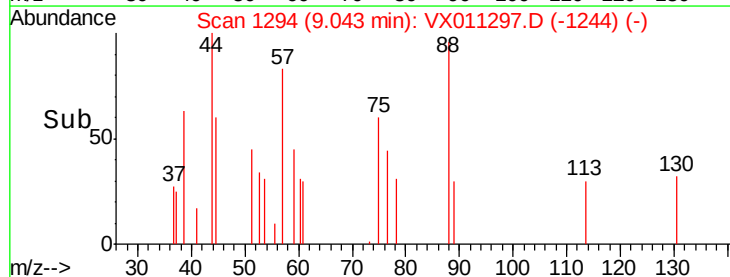
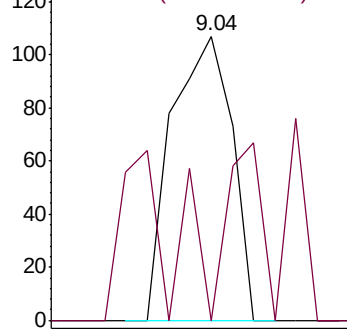
75 100

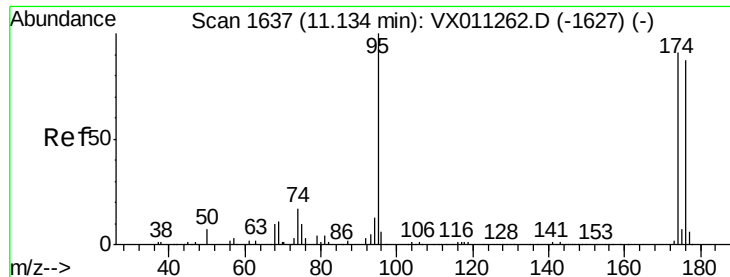
77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

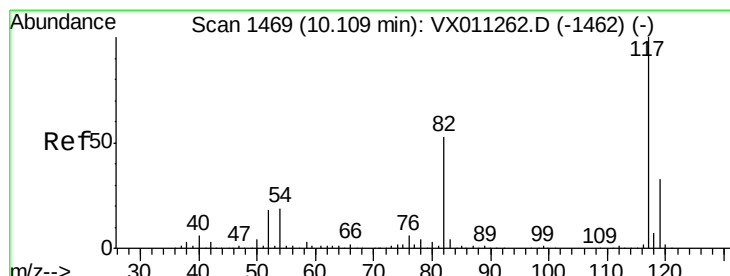
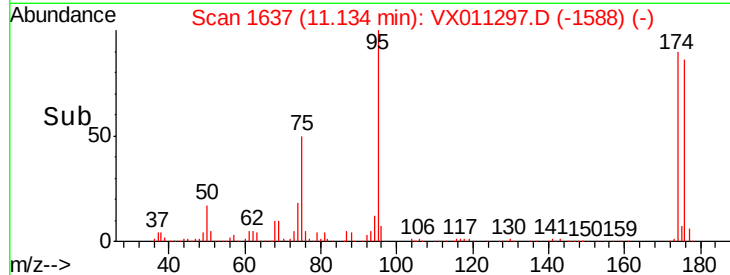
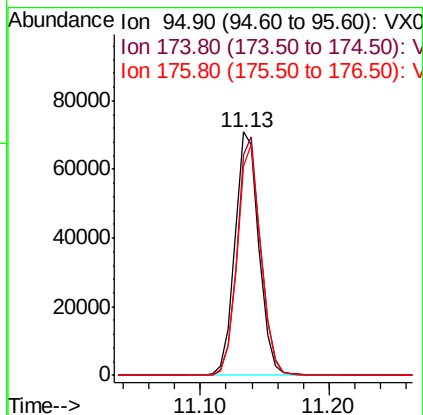
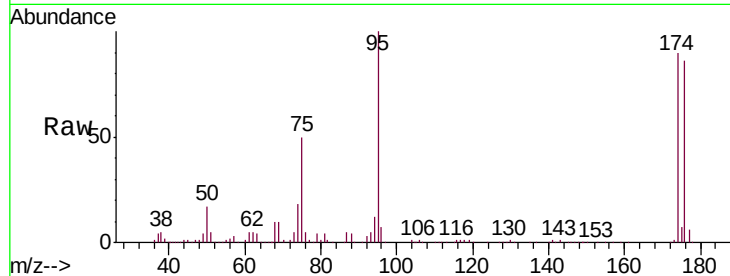




#62
4-Bromofluorobenzene
Concen: 42.677 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011297.D
Acq: 02 Aug 2019 12:13

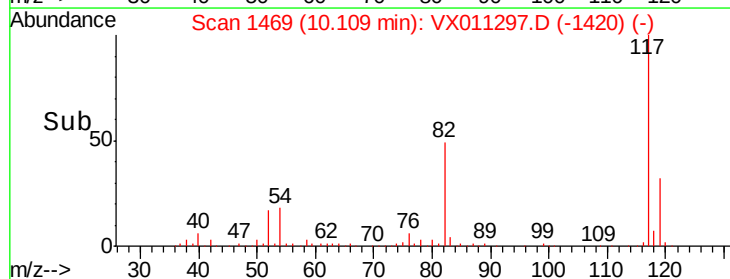
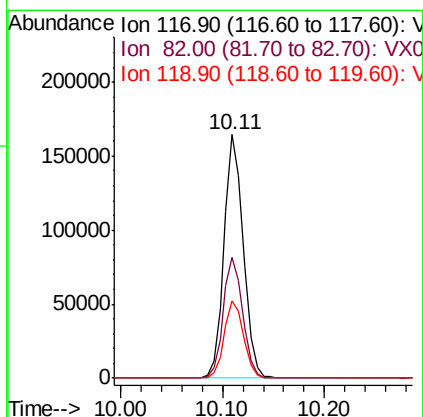
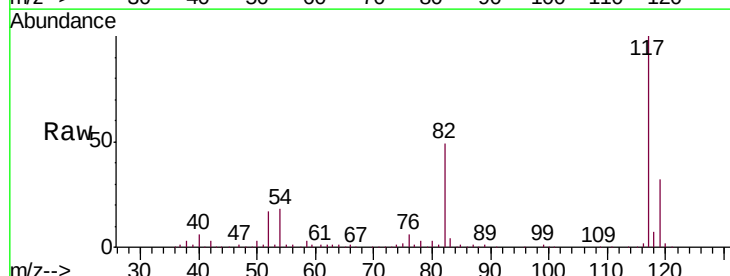
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB203-GW-298-300

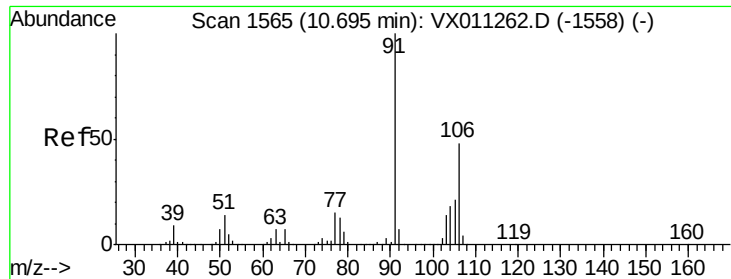
Tgt Ion: 95 Resp: 91945
Ion Ratio Lower Upper
95 100
174 95.2 0.0 191.2
176 92.6 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011297.D
Acq: 02 Aug 2019 12:13

Tgt Ion: 117 Resp: 216091
Ion Ratio Lower Upper
117 100
82 49.4 42.2 63.2
119 31.6 26.6 39.8

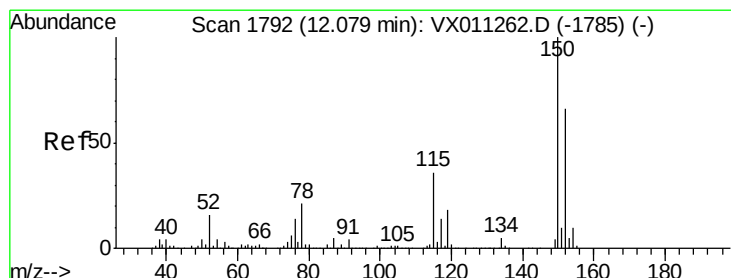
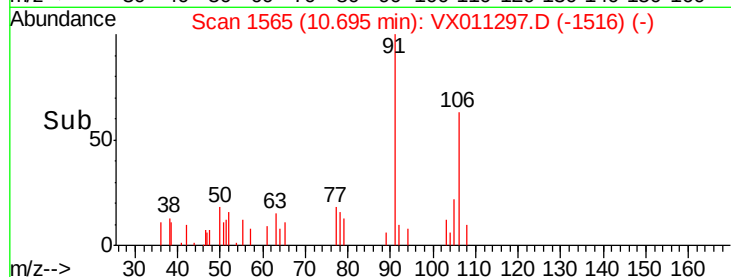
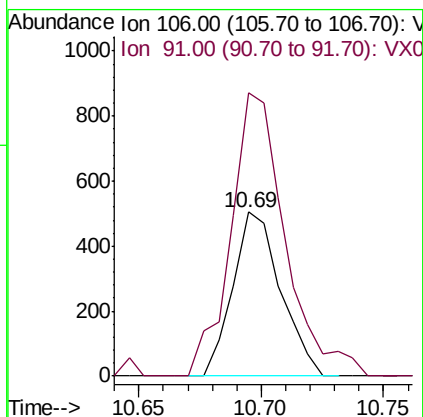
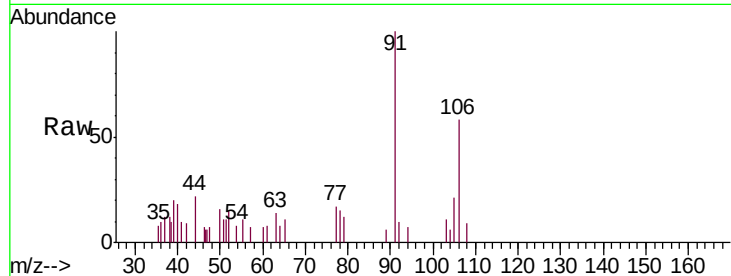




#69
o-Xylene
Concen: 0.234 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011297.D
Acq: 02 Aug 2019 12:13

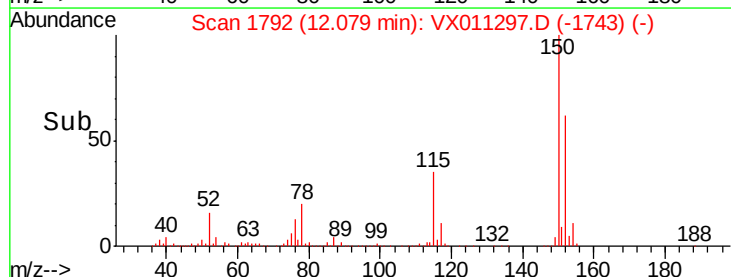
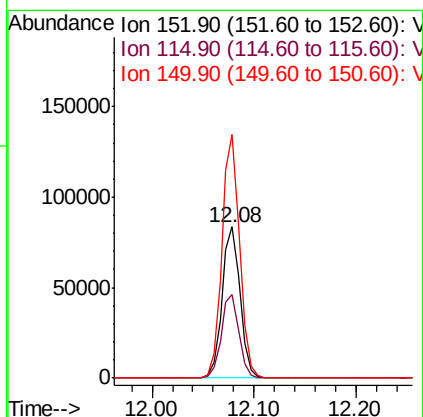
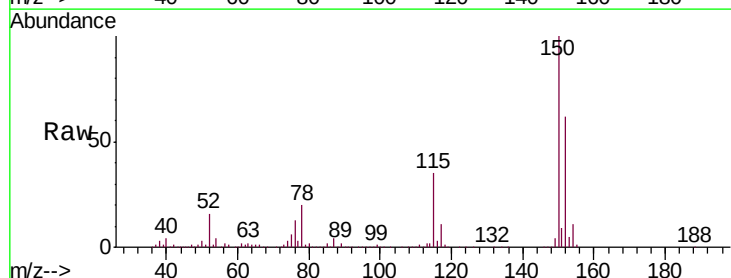
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB203-GW-298-300

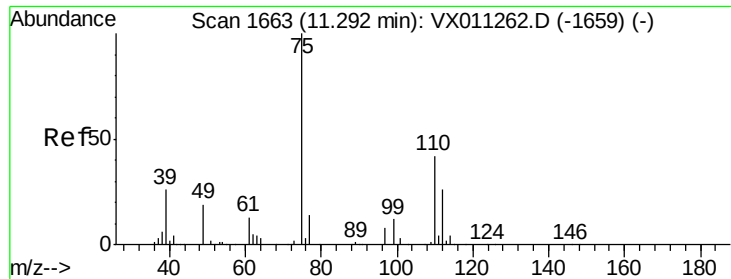
Tgt Ion:106 Resp: 689
Ion Ratio Lower Upper
106 100
91 195.8 103.8 311.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011297.D
Acq: 02 Aug 2019 12:13

Tgt Ion:152 Resp: 102271
Ion Ratio Lower Upper
152 100
115 55.1 40.0 119.9
150 158.6 0.0 350.4

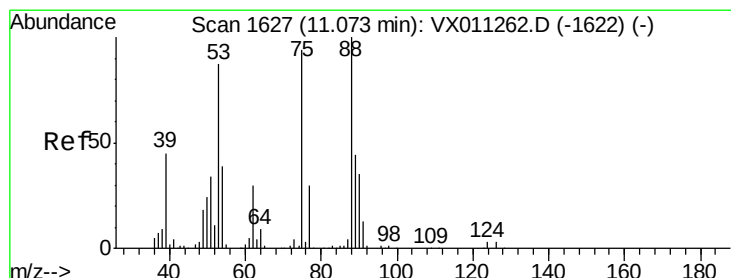
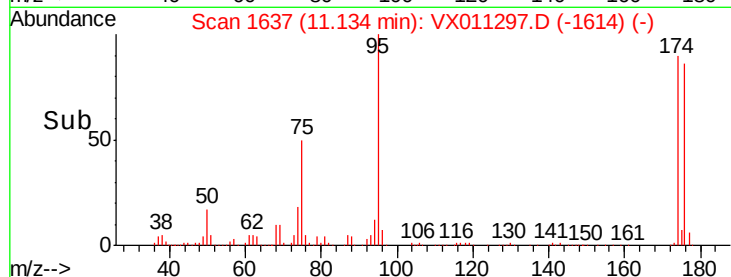
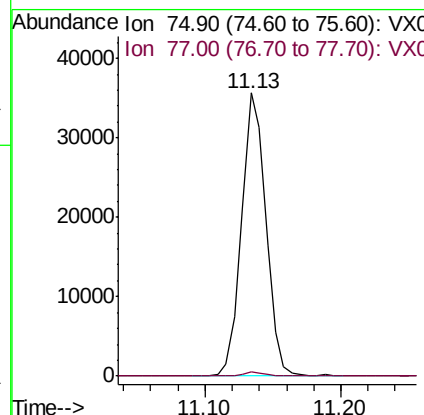
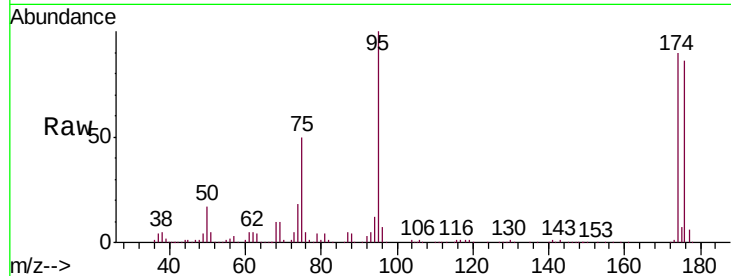




#76
 1,2,3-Trichloropropane
 Concen: 23.895 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX011297.D
 Acq: 02 Aug 2019 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB203-GW-298-300

Tgt Ion: 75 Resp: 44503
 Ion Ratio Lower Upper
 75 100
 77 1.4 21.1 63.4#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.555 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX011297.D
 Acq: 02 Aug 2019 12:13

Tgt Ion: 75 Resp: 44503
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.2 117.4#
 89 0.1 37.9 56.9#

