

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081920\NOT REVIEWED DATA\
 Data File : VN063009.D
 Acq On : 19 Aug 2020 13:26
 Operator : JC/MD
 Sample : L3718-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-198-200

Quant Time: Aug 19 17:33:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	148901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	249608	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	256409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	96331	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	98353	55.73	ug/l	0.00
Spiked Amount			Recovery	=	111.46%	
35) Dibromofluoromethane	7.55	113	85280	52.43	ug/l	0.00
Spiked Amount			Recovery	=	104.86%	
50) Toluene-d8	10.06	98	320826	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.38	95	108865	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	

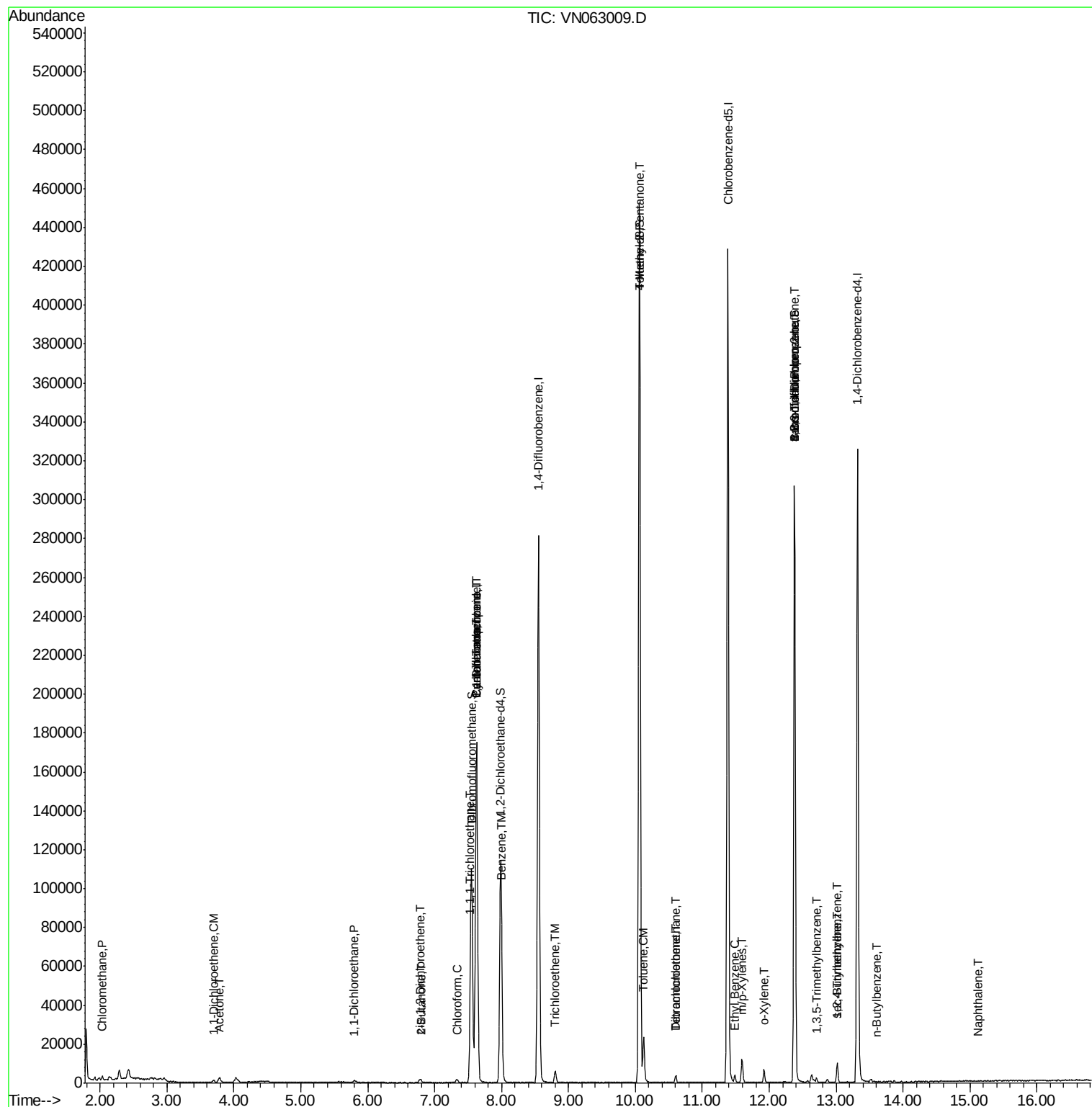
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1284	0.629	ug/l #	74
12) 1,1-Dichloroethene	3.70	96	609	0.482	ug/l	95
16) Acetone	3.79	43	4733	4.752	ug/l	90
20) Methylene Chloride	4.50	84	500	Below Cal	#	63
24) 1,1-Dichloroethane	5.80	63	1365	0.483	ug/l #	85
25) 2-Butanone	6.80	43	283	0.302	ug/l #	48
27) cis-1,2-Dichloroethene	6.78	96	1299	0.784	ug/l	86
30) Chloroform	7.33	83	2046	0.719	ug/l #	71
31) Cyclohexane	7.62	56	2809	1.080	ug/l #	1
32) 1,1,1-Trichloroethane	7.52	97	1036	0.446	ug/l #	38
36) 1,1-Dichloropropene	7.63	75	10402	4.729	ug/l #	49
38) Carbon Tetrachloride	7.63	117	13748	6.191	ug/l #	17
40) Benzene	8.01	78	2284	0.327	ug/l	92
44) Trichloroethene	8.80	130	2552	1.471	ug/l	95
51) 4-Methyl-2-Pentanone	10.06	43	1391	0.644	ug/l #	1
52) Toluene	10.12	92	9859	2.343	ug/l	98
60) Dibromochloromethane	10.60	129	815	0.409	ug/l #	11
64) Tetrachloroethene	10.60	164	1100	0.653	ug/l #	82
67) Ethyl Benzene	11.49	91	3072	0.353	ug/l	96
68) m/p-Xylenes	11.59	106	4267	1.319	ug/l	92
69) o-Xylene	11.92	106	2155	0.694	ug/l	97
71) Bromoform	12.38	173	970	0.608	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	53523	28.584	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	1555	0.285	ug/l	89
81) trans-1,4-Dichloro-2-buten	12.38	75	53523	78.506	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.01	105	5800	1.092	ug/l	98
85) sec-Butylbenzene	13.01	105	5800	0.912	ug/l #	57
89) n-Butylbenzene	13.60	91	101	2.789	ug/l #	34
95) Naphthalene	15.11	128	162	5.680	ug/l #	69

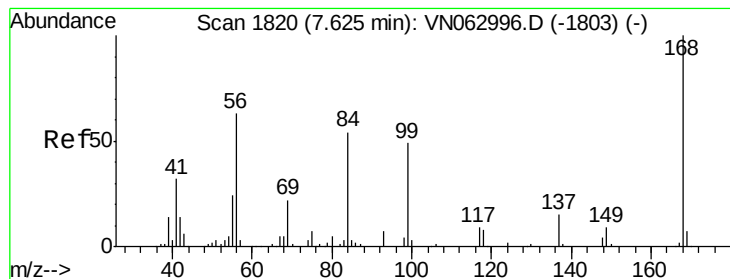
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN063009.D

Acq: 19 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

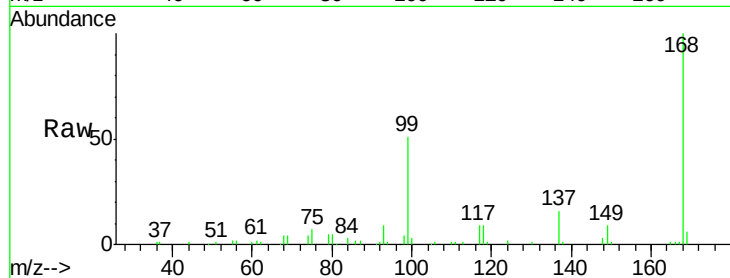
BP-VPB181-GW-198-200

Tgt Ion:168 Resp: 148901

Ion Ratio Lower Upper

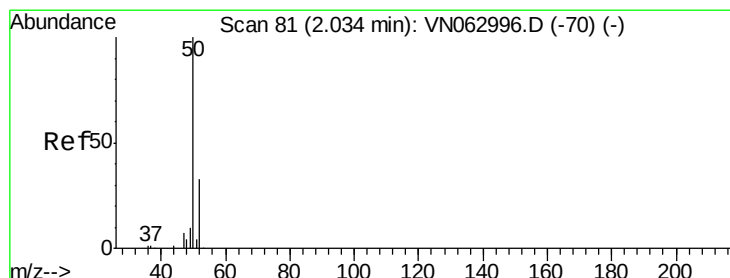
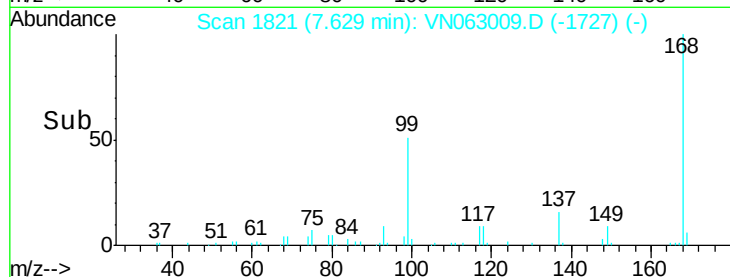
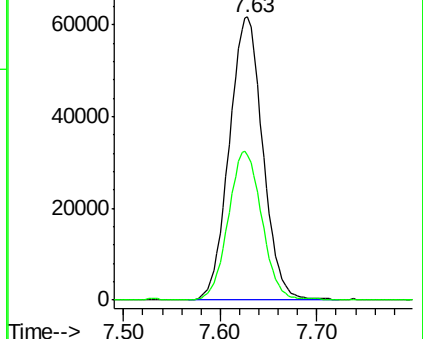
168 100

99 51.4 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VN062996.D (-1803) (-)

Ion 98.90 (98.60 to 99.60): VN062996.D (-1803) (-)



#3

Chloromethane

Concen: 0.629 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN063009.D

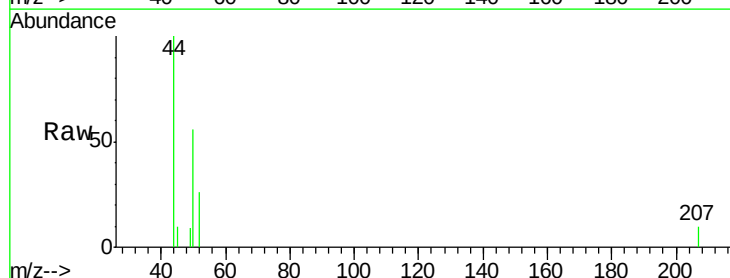
Acq: 19 Aug 2020 13:26

Tgt Ion: 50 Resp: 1284

Ion Ratio Lower Upper

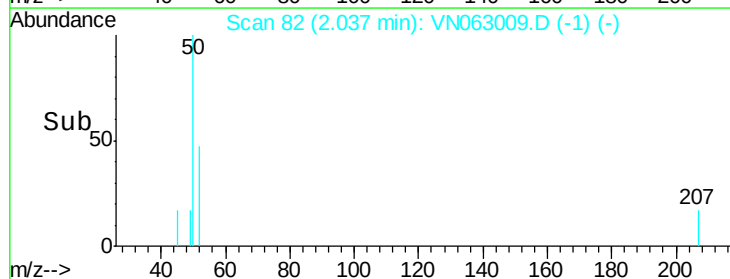
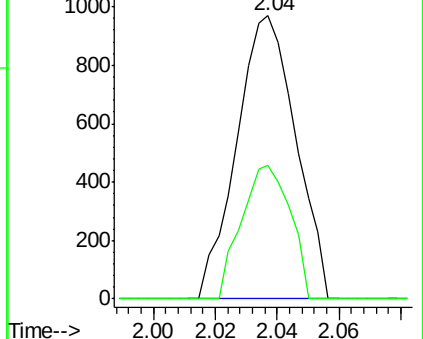
50 100

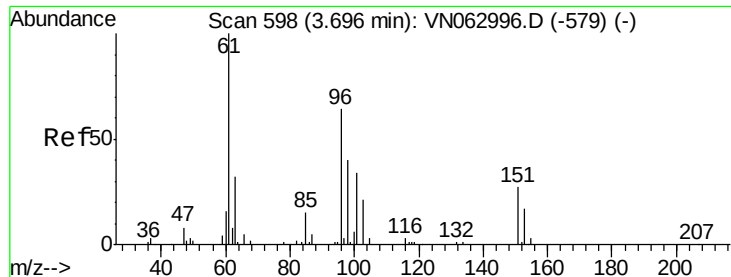
52 47.4 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VN062996.D (-70) (-)

Ion 51.90 (51.60 to 52.60): VN062996.D (-70) (-)

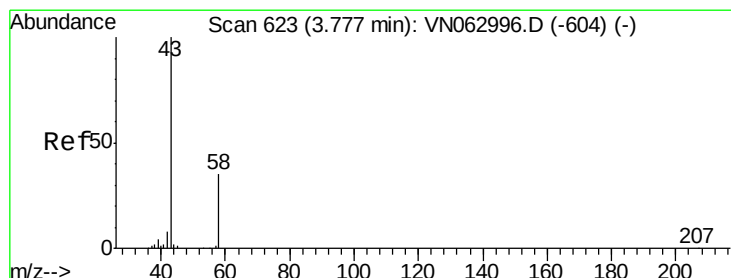
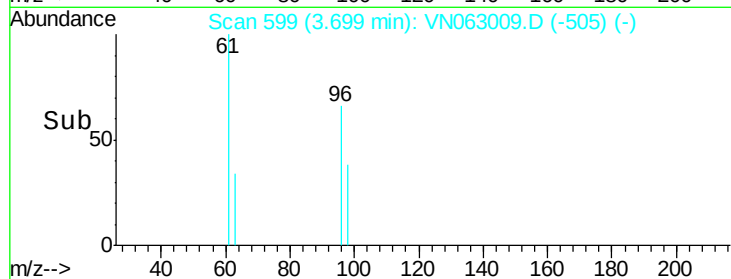
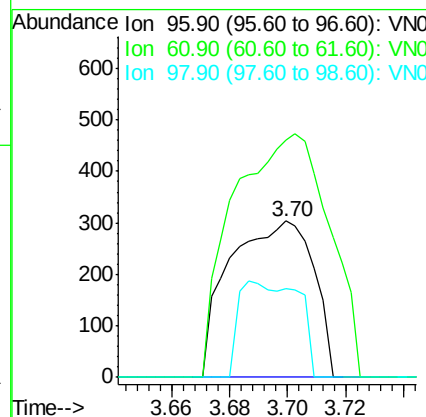
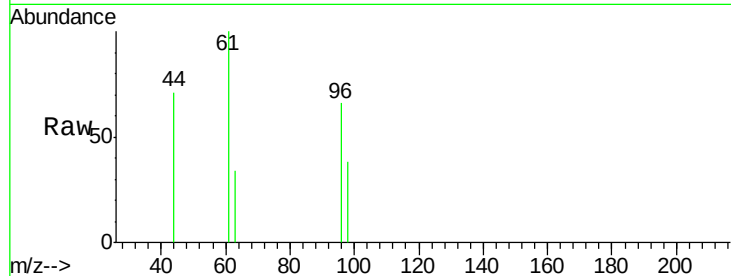




#12
 1,1-Dichloroethene
 Concen: 0.482 ug/l
 RT: 3.70 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: VN063009.D
 Acq: 19 Aug 2020 13:26

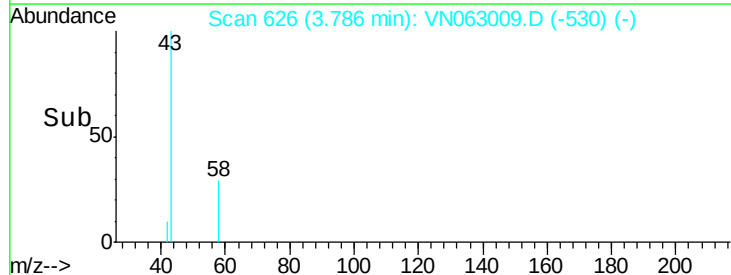
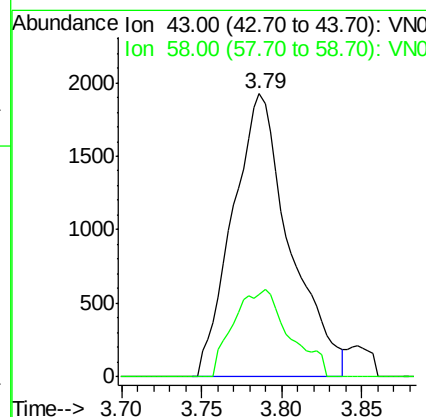
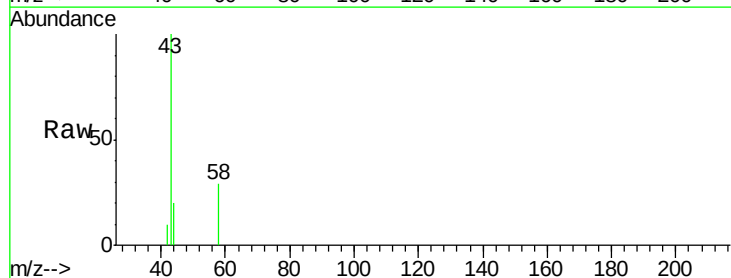
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-198-200

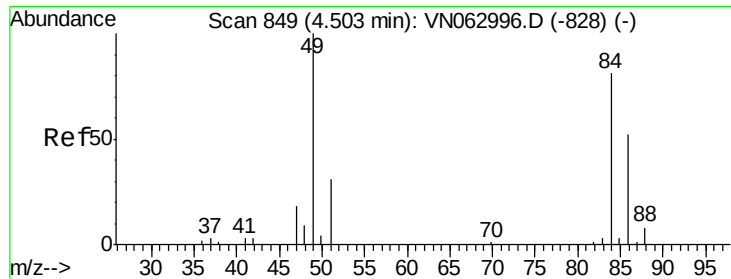
Tgt Ion: 96 Resp: 609
 Ion Ratio Lower Upper
 96 100
 61 151.6 125.5 188.3
 98 56.9 50.4 75.6



#16
 Acetone
 Concen: 4.752 ug/l
 RT: 3.79 min Scan# 626
 Delta R.T. 0.01 min
 Lab File: VN063009.D
 Acq: 19 Aug 2020 13:26

Tgt Ion: 43 Resp: 4733
 Ion Ratio Lower Upper
 43 100
 58 28.9 27.8 41.6

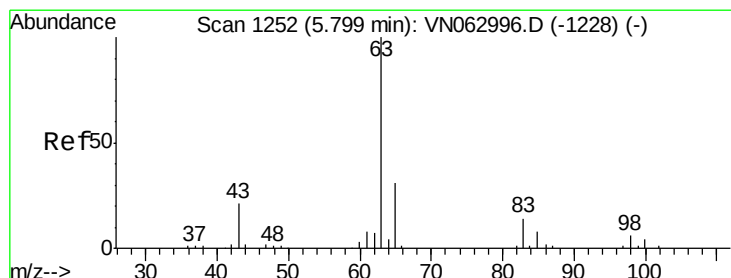
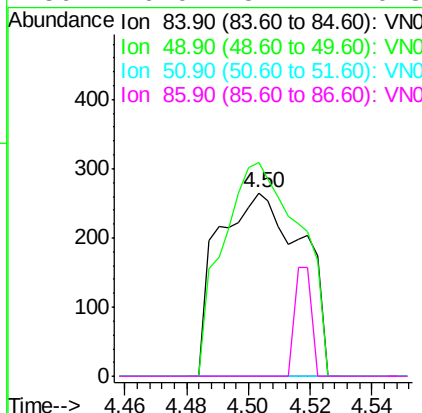
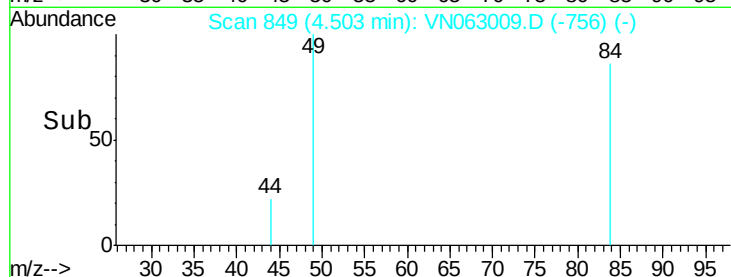
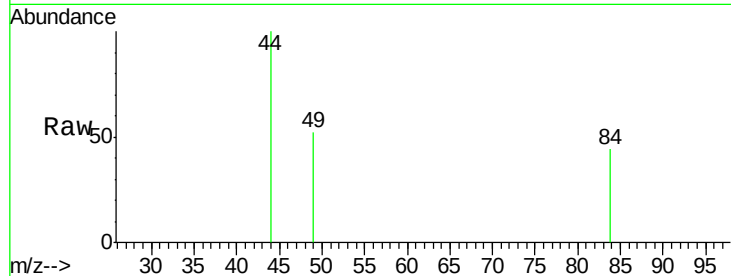




#20
Methylene Chloride
Concen: Below Cal
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN063009.D
Acq: 19 Aug 2020 13:26

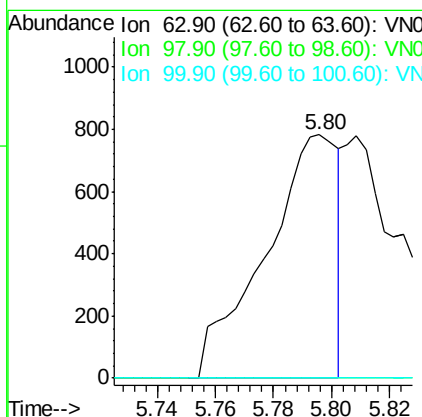
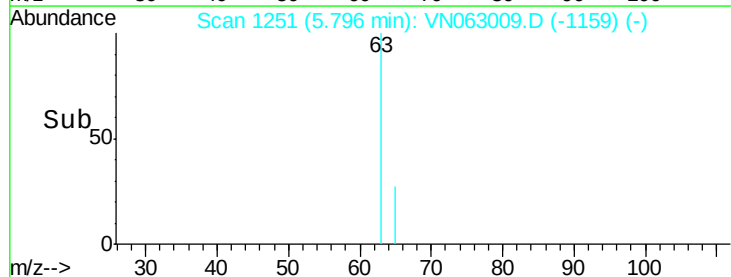
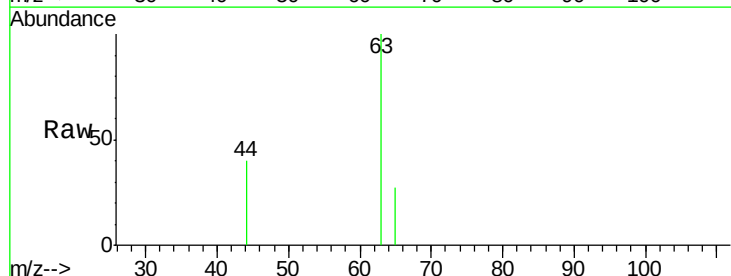
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-198-200

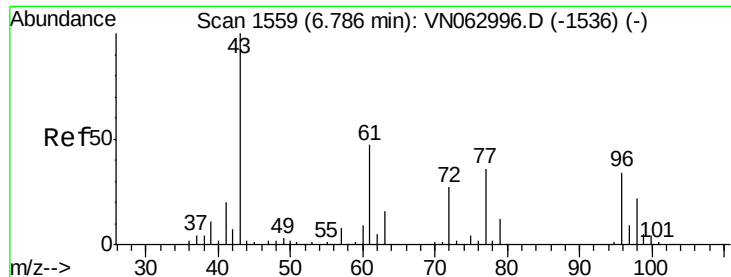
Tgt Ion: 84 Resp: 500
Ion Ratio Lower Upper
84 100
49 116.6 98.7 148.1
51 0.0 30.8 46.2#
86 0.0 51.2 76.8#



#24
1,1-Dichloroethane
Concen: 0.483 ug/l
RT: 5.80 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VN063009.D
Acq: 19 Aug 2020 13:26

Tgt Ion: 63 Resp: 1365
Ion Ratio Lower Upper
63 100
98 0.0 2.9 8.7#
100 0.0 2.0 5.8#





#25

2-Butanone

Concen: 0.302 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.01 min

Lab File: VN063009.D

Acq: 19 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

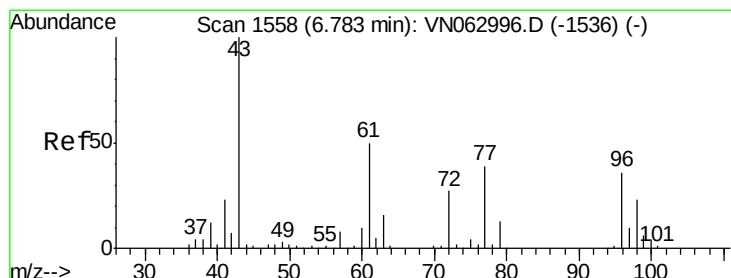
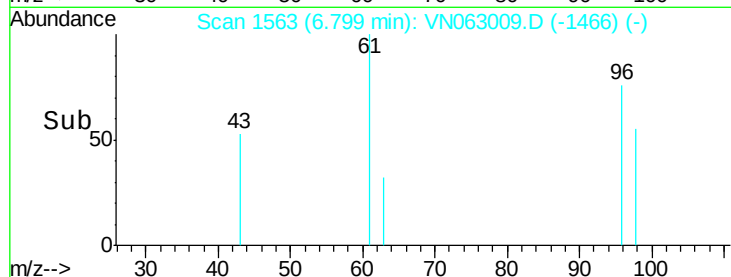
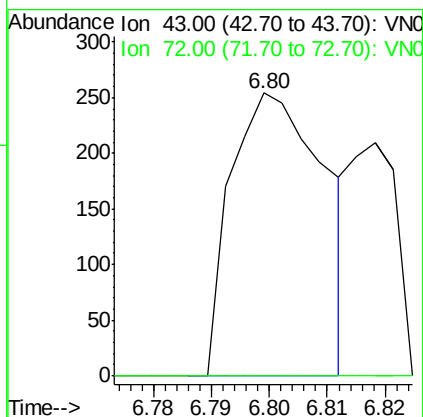
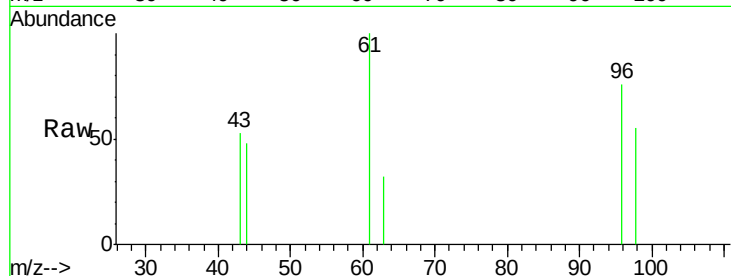
BP-VPB181-GW-198-200

Tgt Ion: 43 Resp: 283

Ion Ratio Lower Upper

43 100

72 0.0 21.8 32.6#



#27

cis-1,2-Dichloroethene

Concen: 0.784 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN063009.D

Acq: 19 Aug 2020 13:26

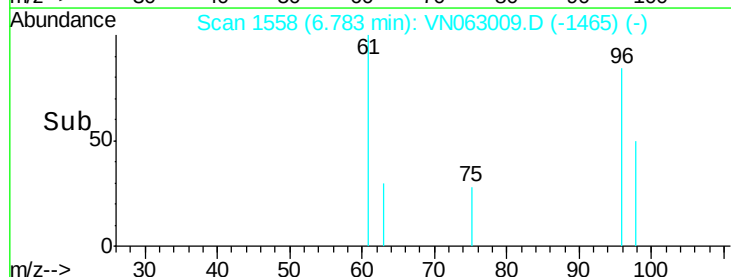
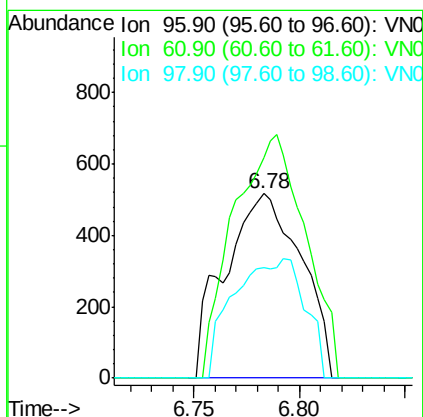
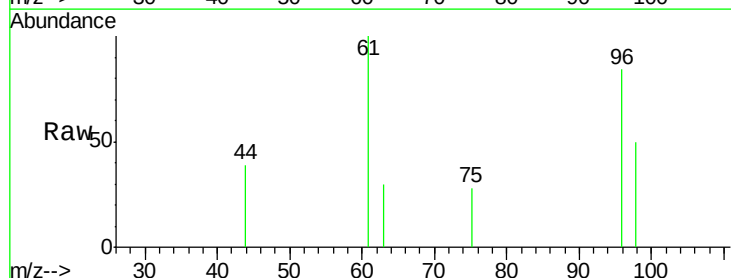
Tgt Ion: 96 Resp: 1299

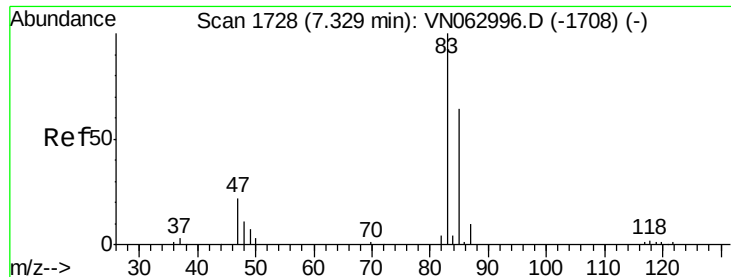
Ion Ratio Lower Upper

96 100

61 123.9 0.0 292.8

98 60.3 0.0 130.6

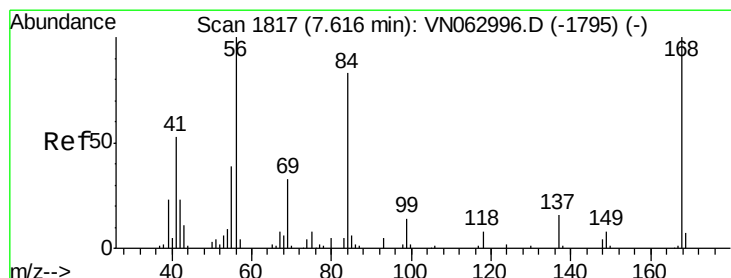
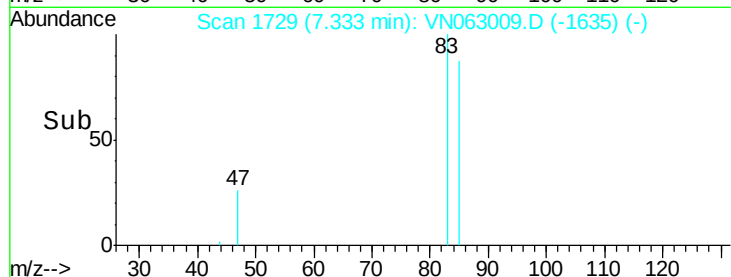
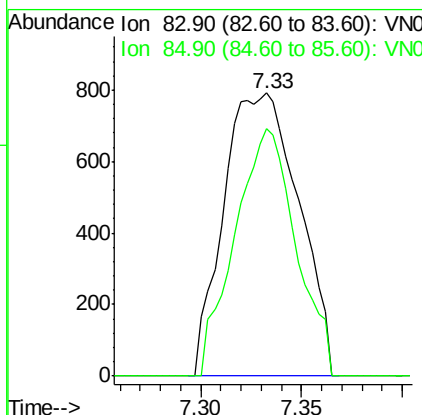
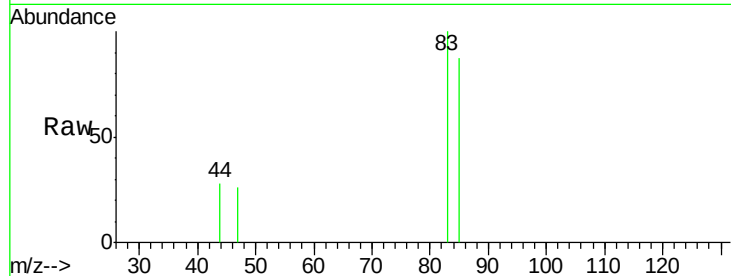




#30
Chloroform
Concen: 0.719 ug/l
RT: 7.33 min Scan# 1729
Delta R.T. 0.00 min
Lab File: VN063009.D
Acq: 19 Aug 2020 13:26

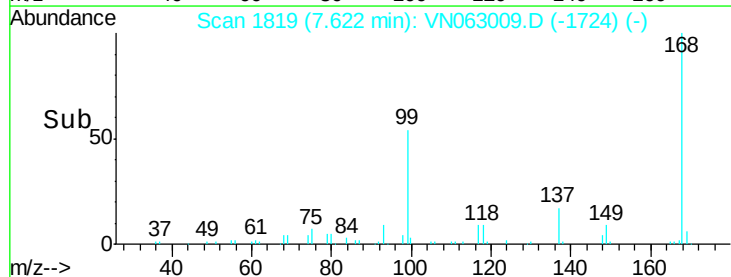
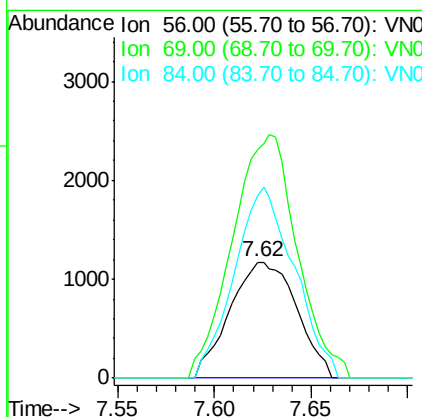
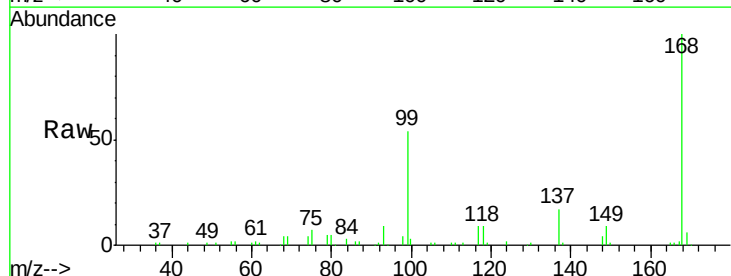
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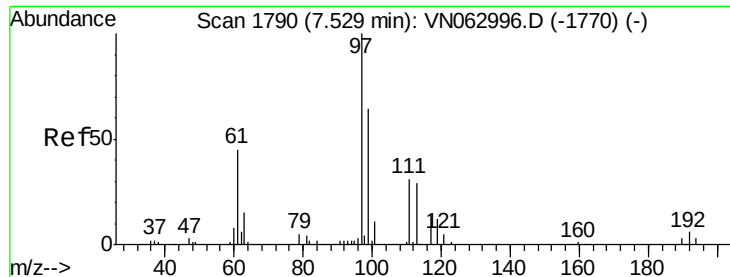
Tgt Ion: 83 Resp: 2046
Ion Ratio Lower Upper
83 100
85 87.4 51.5 77.3#



#31
Cyclohexane
Concen: 1.080 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN063009.D
Acq: 19 Aug 2020 13:26

Tgt Ion: 56 Resp: 2809
Ion Ratio Lower Upper
56 100
69 196.7 26.6 40.0#
84 156.9 66.4 99.6#





#32

1,1,1-Trichloroethane

Concen: 0.446 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN063009.D

Acq: 19 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-198-200

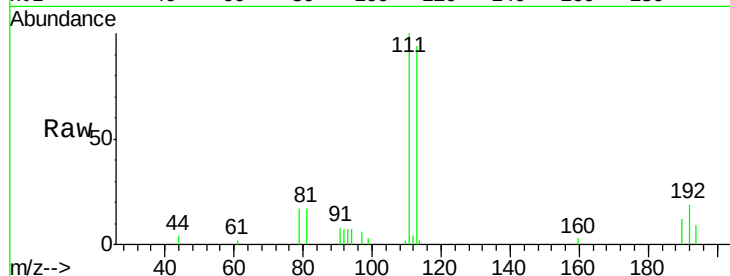
Tgt Ion: 97 Resp: 1036

Ion Ratio Lower Upper

97 100

99 0.0 52.0 78.0#

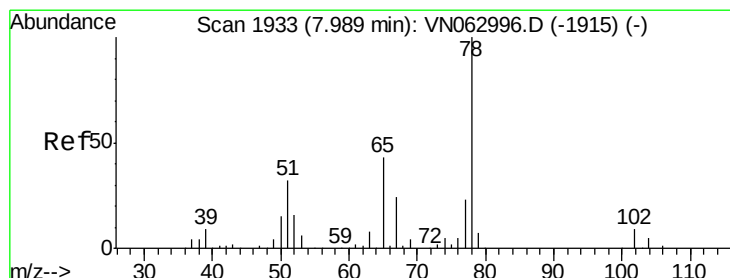
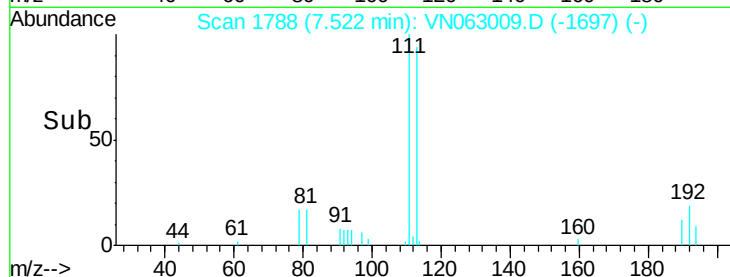
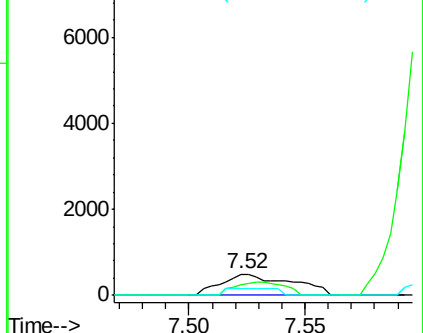
61 23.4 36.2 54.4#



Abundance Ion 96.90 (96.60 to 97.60): VN062996.D (-1770) (-)

Ion 98.90 (98.60 to 99.60): VN062996.D (-1770) (-)

Ion 60.90 (60.60 to 61.60): VN062996.D (-1770) (-)



#33

1,2-Dichloroethane-d4

Concen: 55.732 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN063009.D

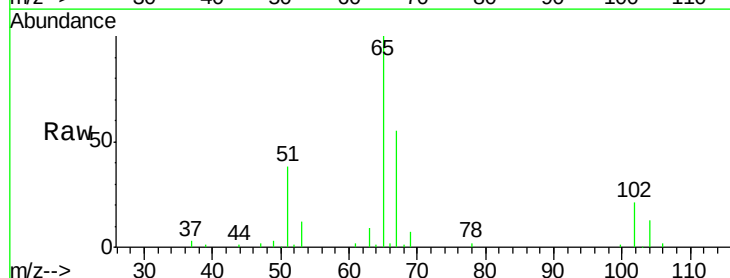
Acq: 19 Aug 2020 13:26

Tgt Ion: 65 Resp: 98353

Ion Ratio Lower Upper

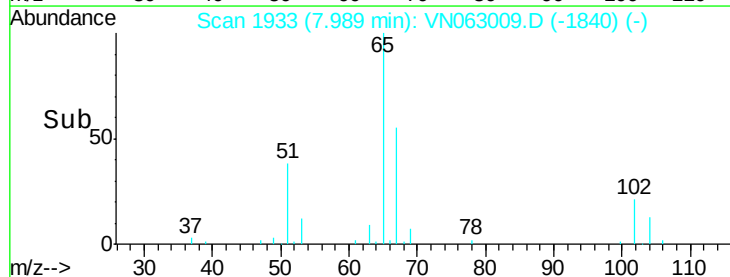
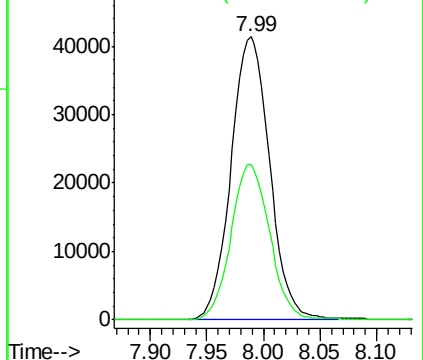
65 100

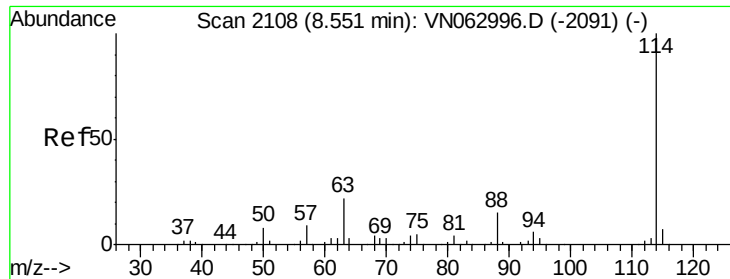
67 54.9 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN062996.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN062996.D (-1915) (-)

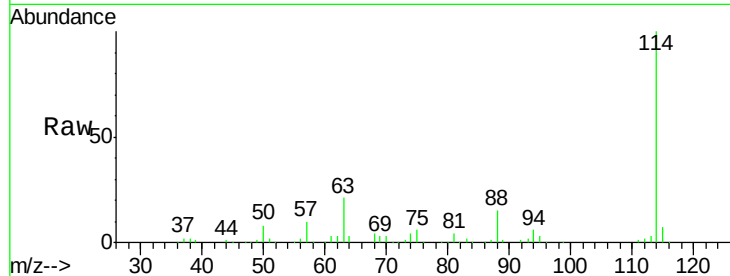




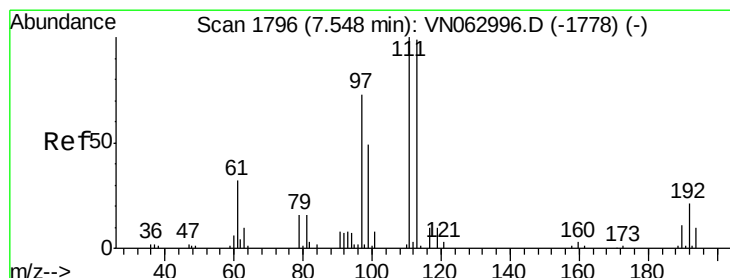
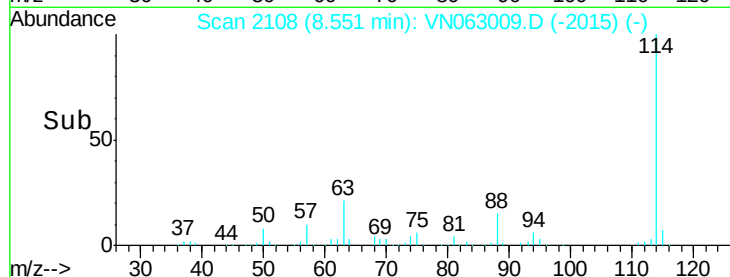
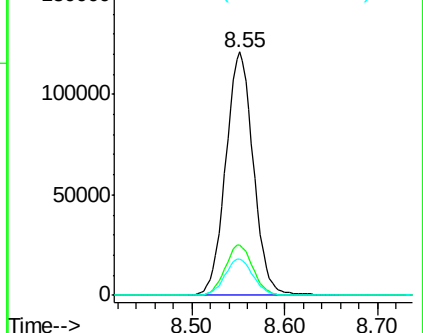
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN063009.D
 Acq: 19 Aug 2020 13:26

Instrument :
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 BP-VPB181-GW-198-200

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.2
88	15.0	0.0	30.6

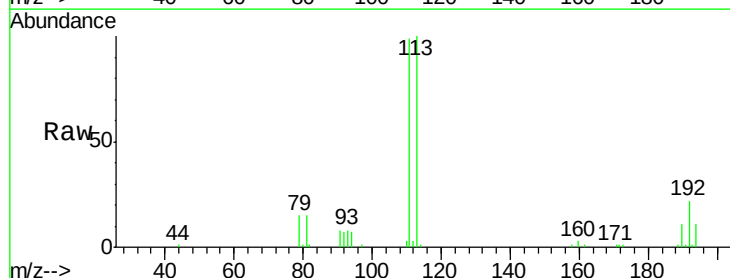


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

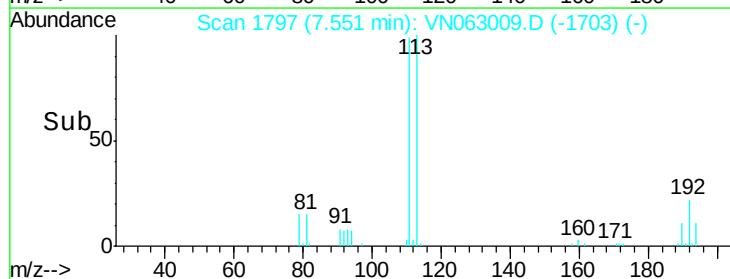
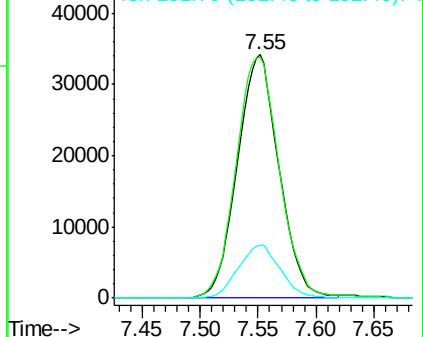


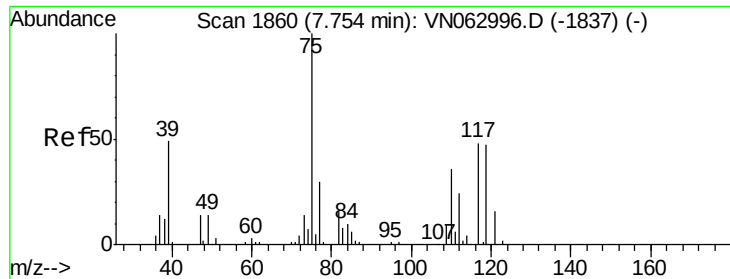
#35
 Dibromofluoromethane
 Concen: 52.434 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063009.D
 Acq: 19 Aug 2020 13:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.7	122.5
192	21.8	17.5	26.3



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

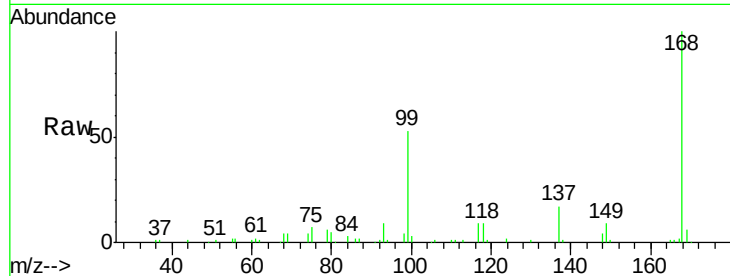




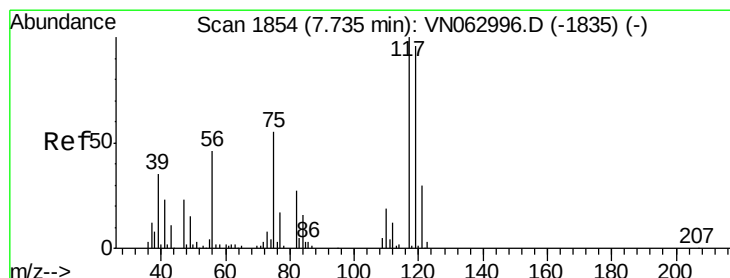
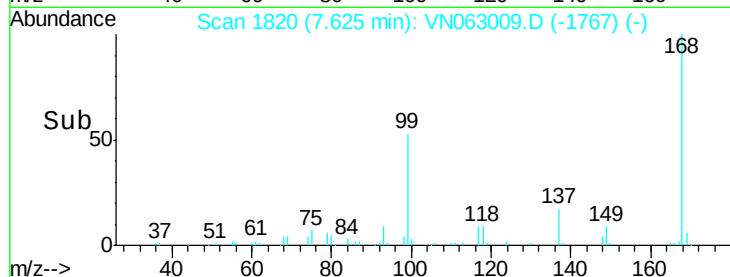
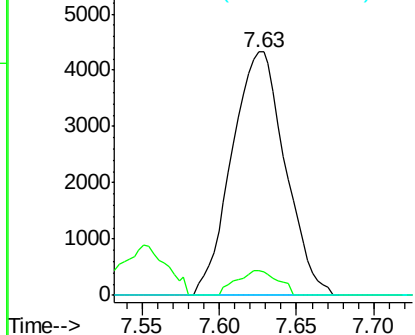
#36
 1,1-Dichloropropene
 Concen: 4.729 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN063009.D
 Acq: 19 Aug 2020 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-198-200

Tgt Ion: 75 Resp: 10402
 Ion Ratio Lower Upper
 75 100
 110 7.7 17.5 52.6#
 77 0.0 24.2 36.4#

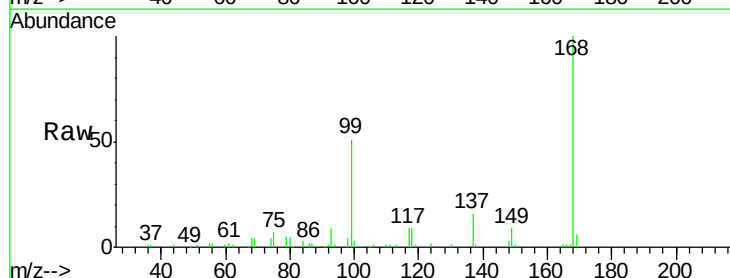


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

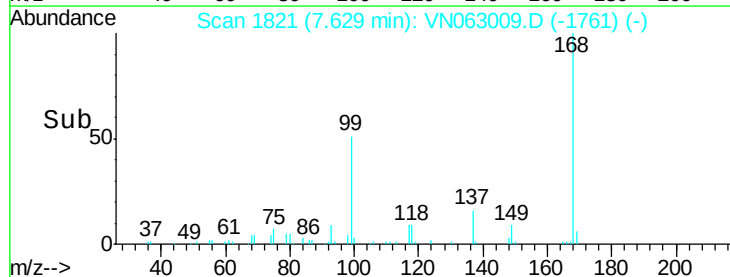
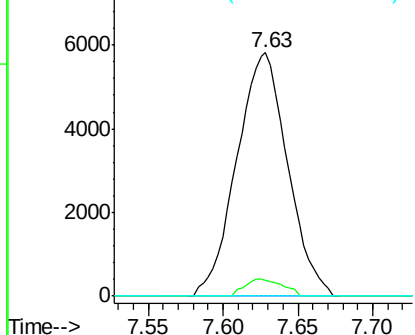


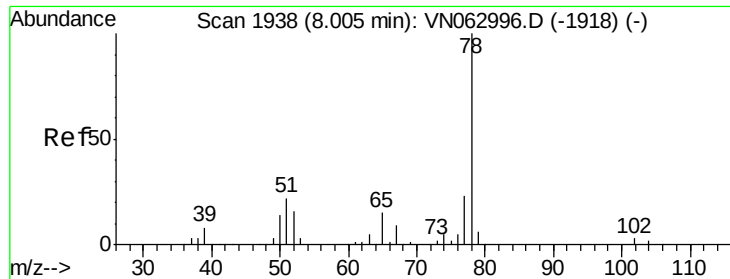
#38
 Carbon Tetrachloride
 Concen: 6.191 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. -0.11 min
 Lab File: VN063009.D
 Acq: 19 Aug 2020 13:26

Tgt Ion: 117 Resp: 13748
 Ion Ratio Lower Upper
 117 100
 119 6.6 76.2 114.4#
 121 0.0 24.2 36.2#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 0.327 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.01 min

Lab File: VN063009.D

Acq: 19 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

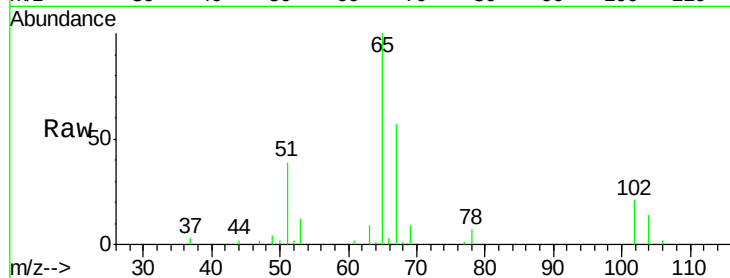
BP-VPB181-GW-198-200

Tgt Ion: 78 Resp: 2284

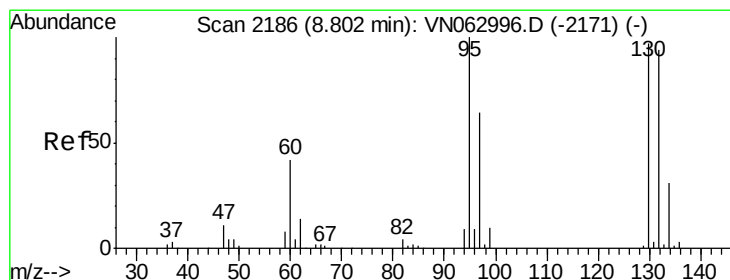
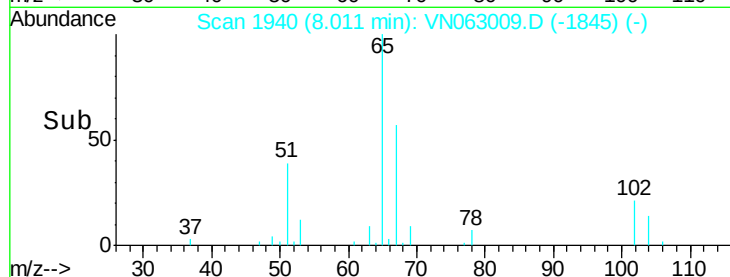
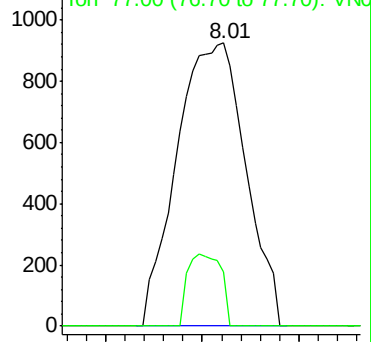
Ion Ratio Lower Upper

78 100

77 19.4 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN062996.D (-1918) (-)



#44

Trichloroethene

Concen: 1.471 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN063009.D

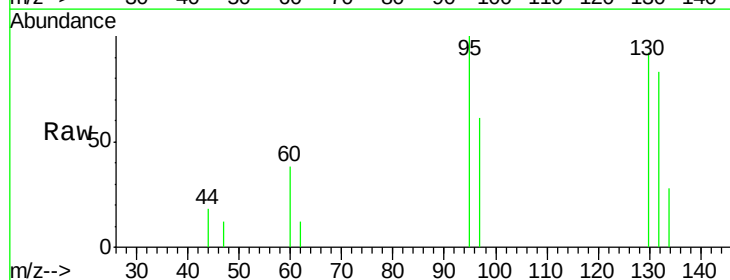
Acq: 19 Aug 2020 13:26

Tgt Ion: 130 Resp: 2552

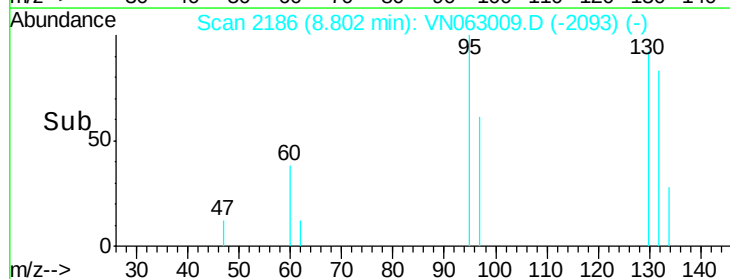
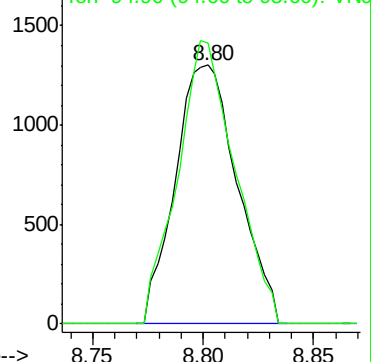
Ion Ratio Lower Upper

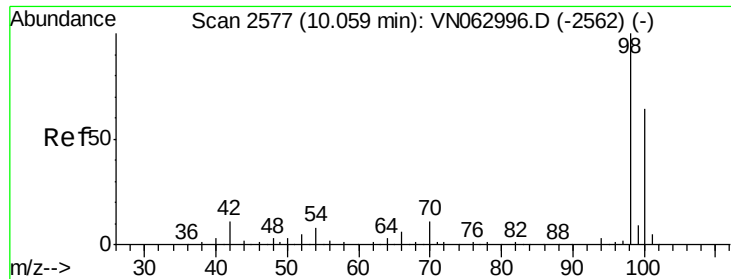
130 100

95 108.2 0.0 205.6



Abundance Ion 129.80 (129.50 to 130.50): VN062996.D (-2171) (-)





#50

Toluene-d8

Concen: 51.355 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN063009.D

Acq: 19 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

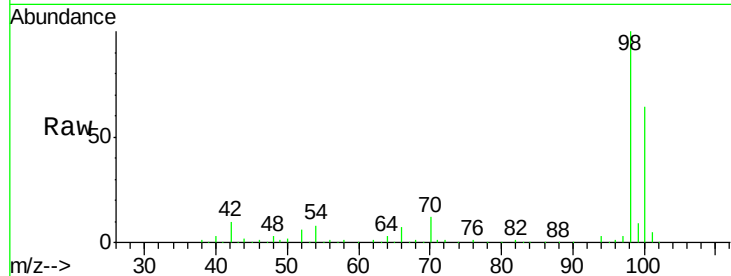
BP-VPB181-GW-198-200

Tgt Ion: 98 Resp: 320826

Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062996.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062996.D (-2562) (-)

10.06

150000

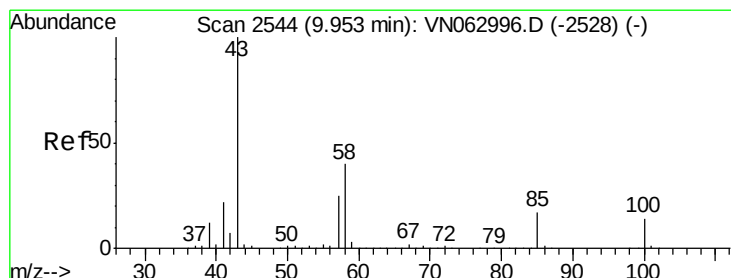
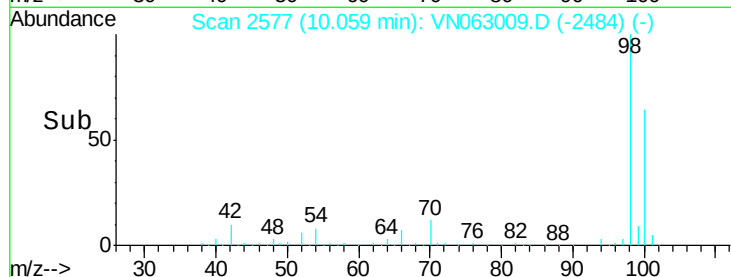
100000

50000

0

10.00 10.10 10.20

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.644 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.11 min

Lab File: VN063009.D

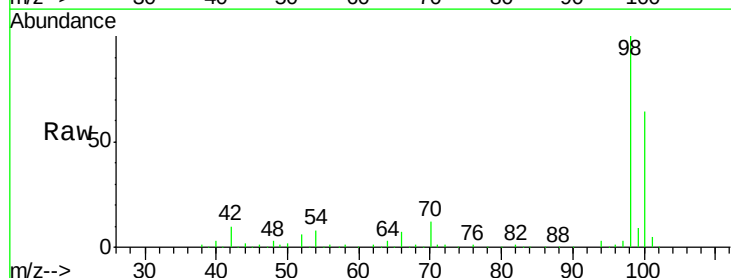
Acq: 19 Aug 2020 13:26

Tgt Ion: 43 Resp: 1391

Ion Ratio Lower Upper

43 100

58 177.7 32.2 48.2#



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN062996.D (-2528) (-)

10.06

1500

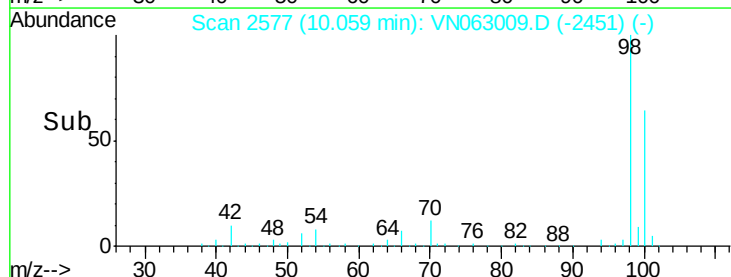
1000

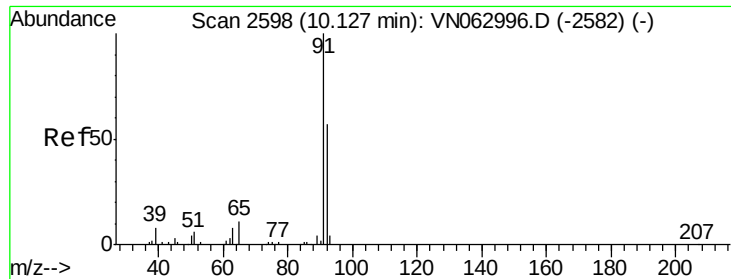
500

0

10.05 10.10

Time-->





#52

Toluene

Concen: 2.343 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN063009.D

Acq: 19 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

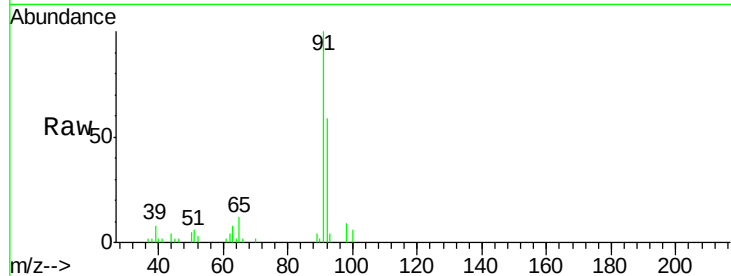
BP-VPB181-GW-198-200

Tgt Ion: 92 Resp: 9859

Ion Ratio Lower Upper

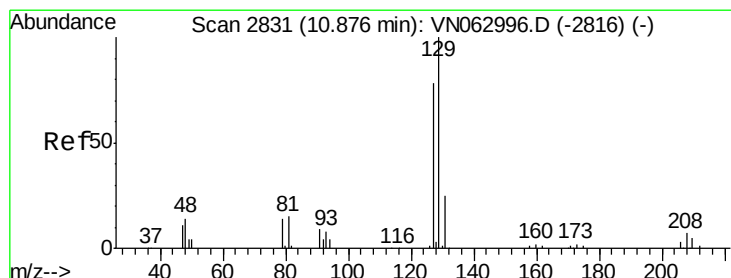
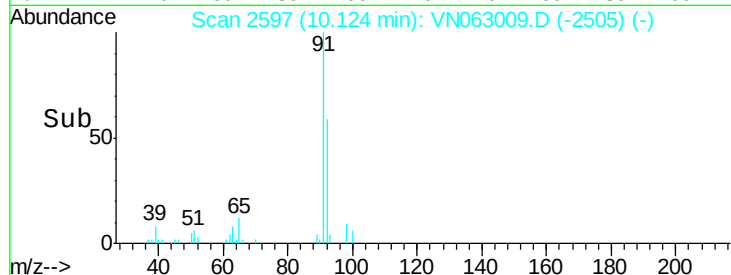
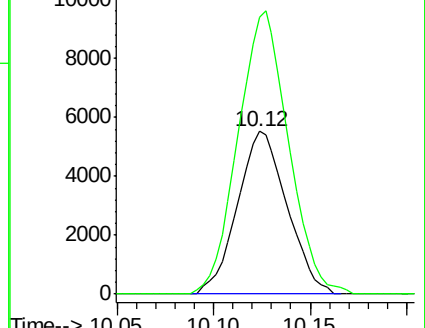
92 100

91 176.5 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VN062996.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN062996.D (-2582) (-)



#60

Dibromochloromethane

Concen: 0.409 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.27 min

Lab File: VN063009.D

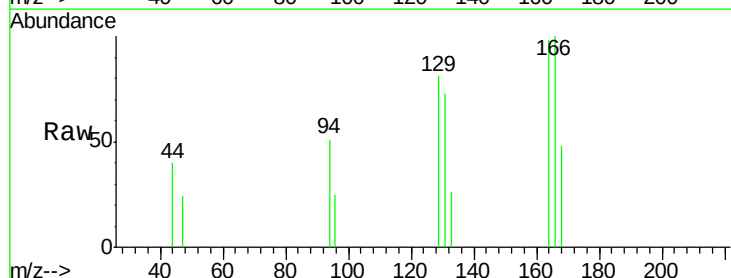
Acq: 19 Aug 2020 13:26

Tgt Ion: 129 Resp: 815

Ion Ratio Lower Upper

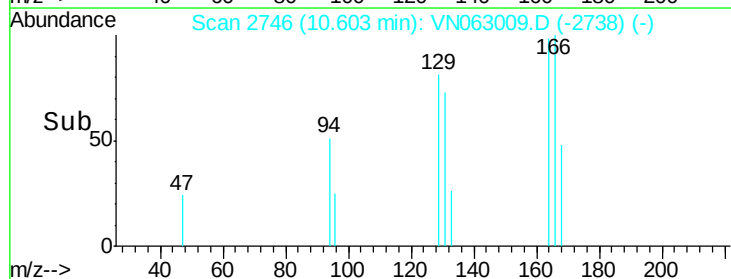
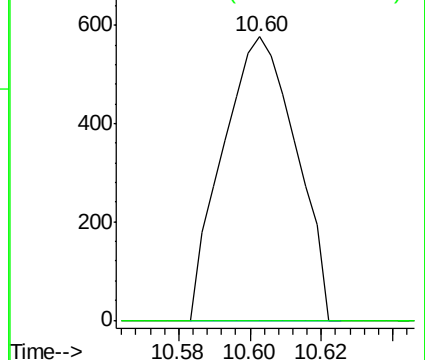
129 100

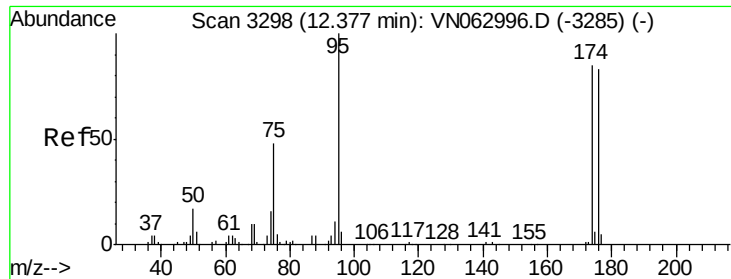
127 0.0 38.4 115.2#



Abundance Ion 128.80 (128.50 to 129.50): VN062996.D (-2816) (-)

Ion 126.80 (126.50 to 127.50): VN062996.D (-2816) (-)





#62

4-Bromofluorobenzene

Concen: 49.382 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN063009.D

Acq: 19 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-198-200

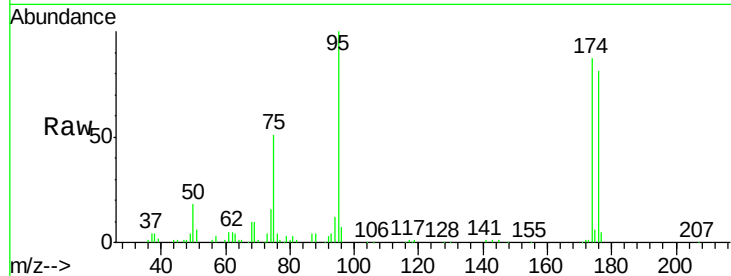
Tgt Ion: 95 Resp: 108865

Ion Ratio Lower Upper

95 100

174 87.3 0.0 170.8

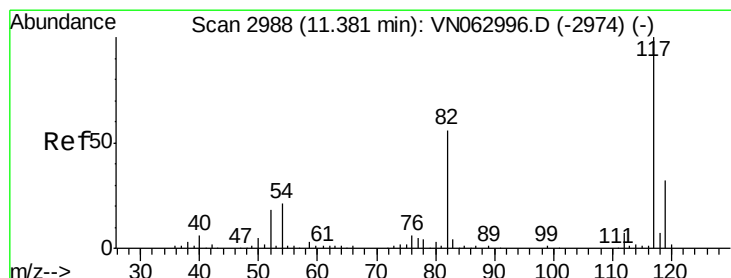
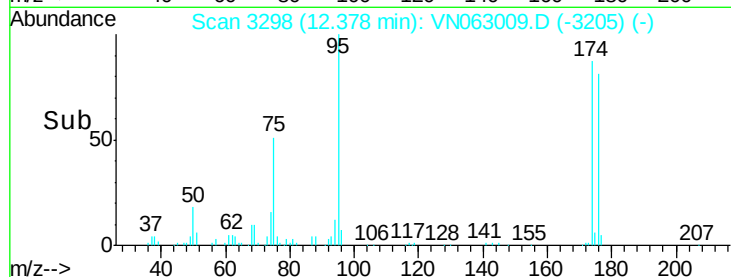
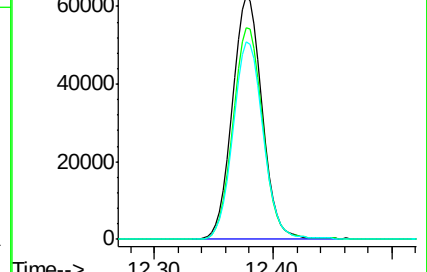
176 82.0 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN062996.D (-3285) (-)

Ion 173.80 (173.50 to 174.50): VN062996.D (-3285) (-)

Ion 175.80 (175.50 to 176.50): VN062996.D (-3285) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN063009.D

Acq: 19 Aug 2020 13:26

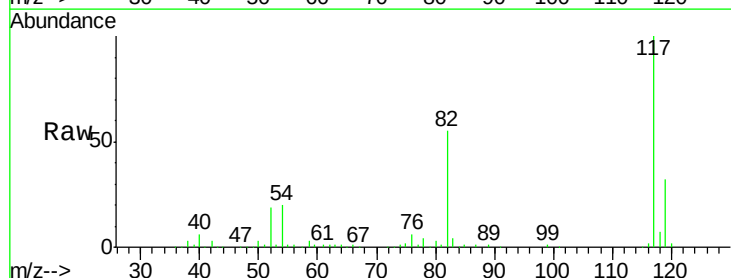
Tgt Ion: 117 Resp: 256409

Ion Ratio Lower Upper

117 100

82 55.3 44.5 66.7

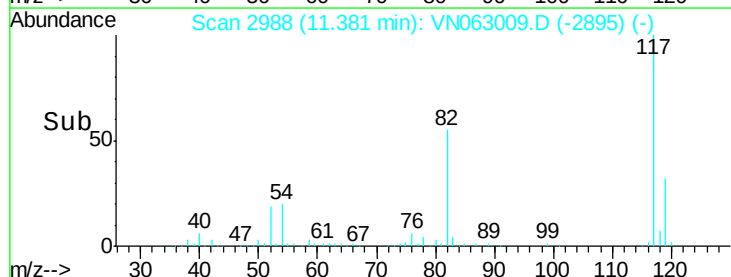
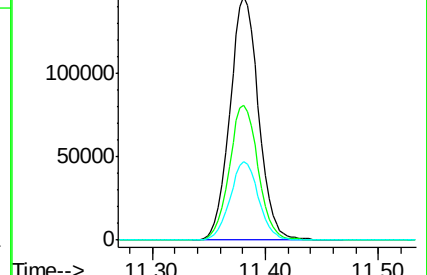
119 32.1 25.5 38.3

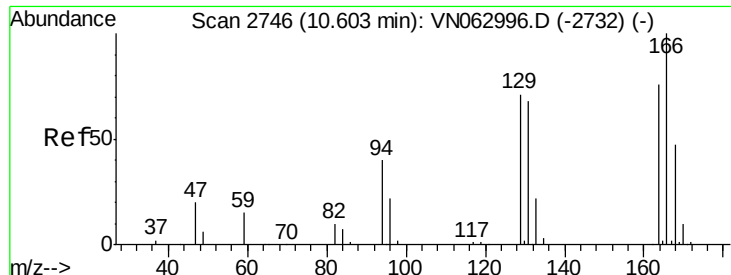


Abundance Ion 116.90 (116.60 to 117.60): VN062996.D (-2974) (-)

Ion 82.00 (81.70 to 82.70): VN062996.D (-2974) (-)

Ion 118.90 (118.60 to 119.60): VN062996.D (-2974) (-)





#64

Tetrachloroethene

Concen: 0.653 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. 0.00 min

Lab File: VN063009.D

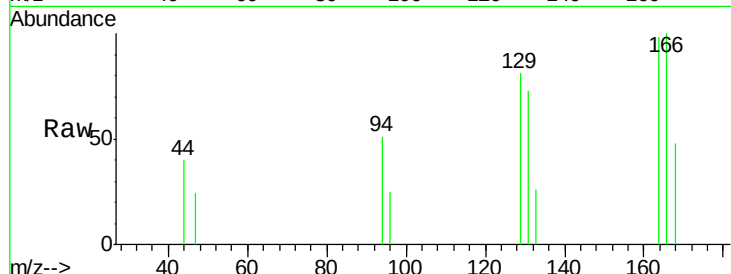
Acq: 19 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-198-200



Tgt Ion: 164 Resp: 1100

Ion Ratio Lower Upper

164 100

166 102.0 105.0 157.6#

129 82.5 74.7 112.1

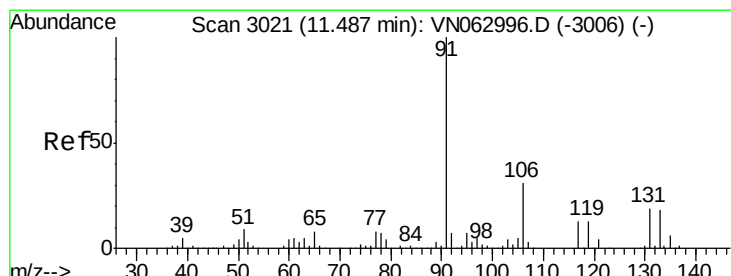
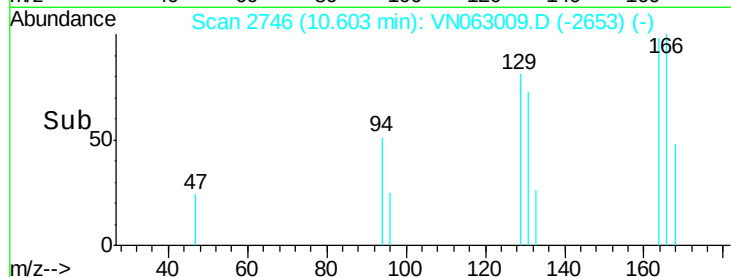
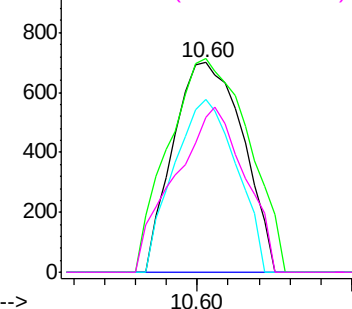
131 74.0 71.0 106.4

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



#67

Ethyl Benzene

Concen: 0.353 ug/l

RT: 11.49 min Scan# 3021

Delta R.T. 0.00 min

Lab File: VN063009.D

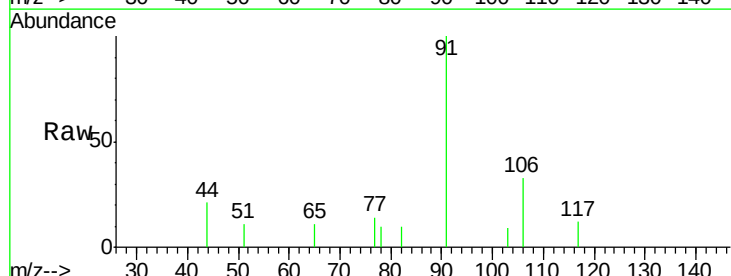
Acq: 19 Aug 2020 13:26

Tgt Ion: 91 Resp: 3072

Ion Ratio Lower Upper

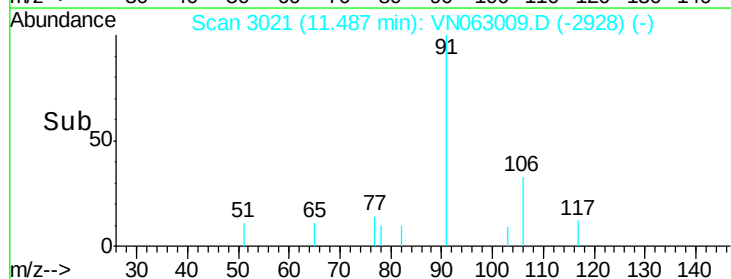
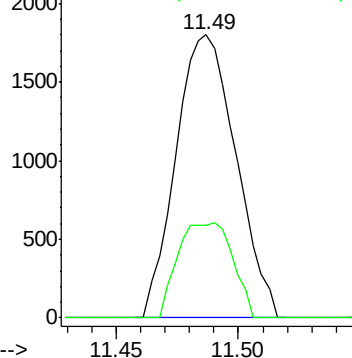
91 100

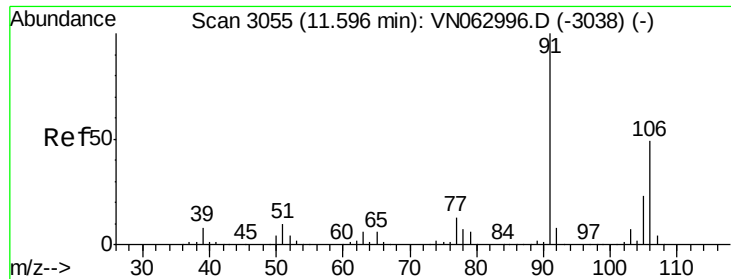
106 32.8 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

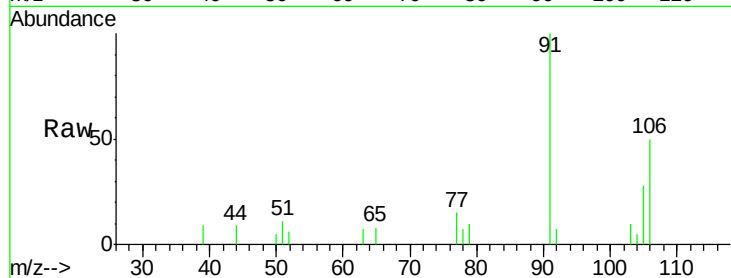




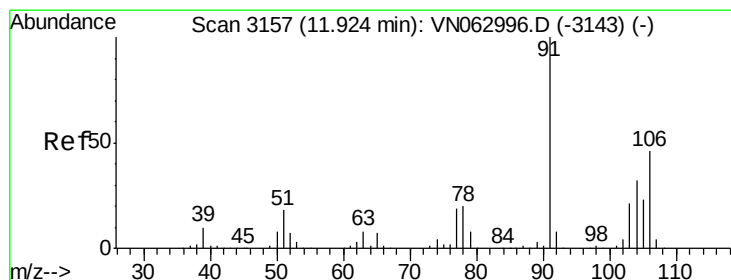
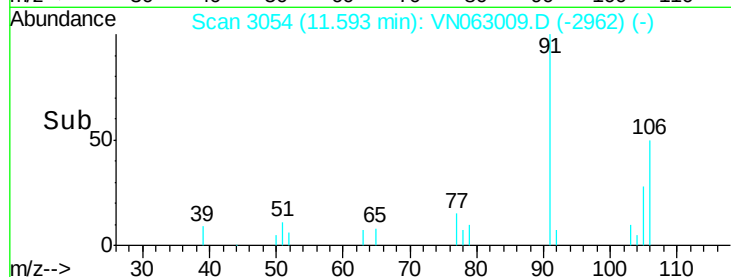
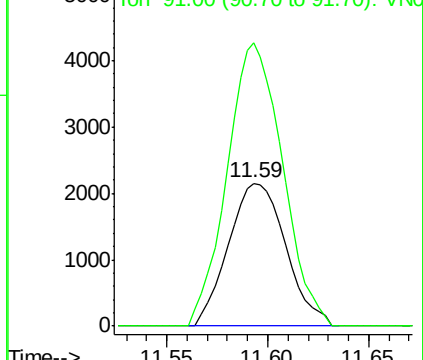
#68
m/p-Xylenes
Concen: 1.319 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN063009.D
Acq: 19 Aug 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-198-200

Tgt Ion:106 Resp: 4267
Ion Ratio Lower Upper
106 100
91 191.7 163.0 244.4

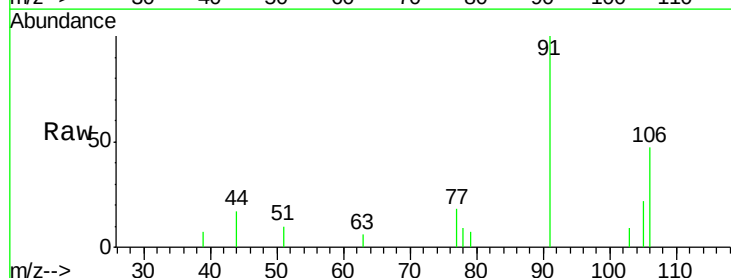


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

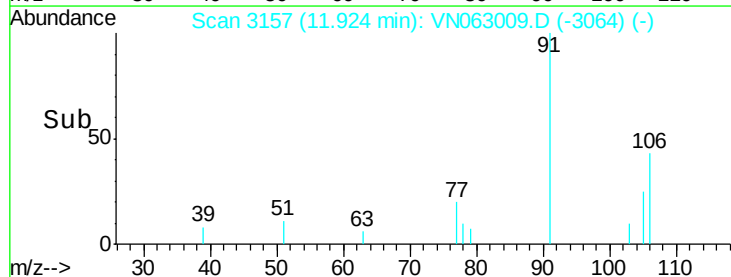
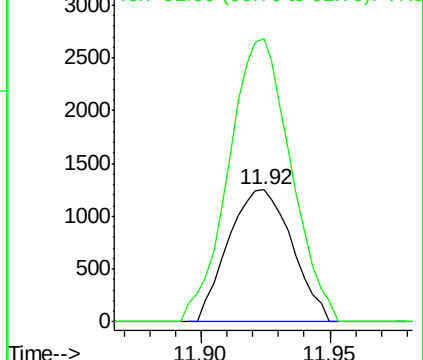


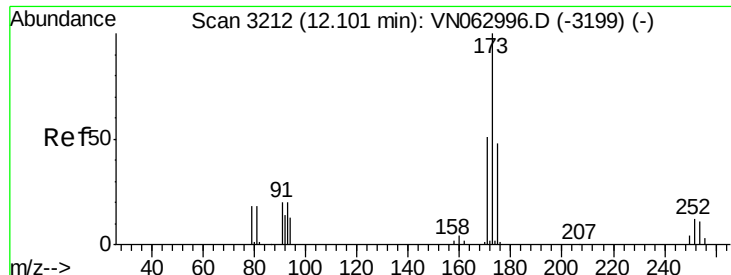
#69
o-Xylene
Concen: 0.694 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN063009.D
Acq: 19 Aug 2020 13:26

Tgt Ion:106 Resp: 2155
Ion Ratio Lower Upper
106 100
91 209.1 107.3 321.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#71

Bromoform

Concen: 0.608 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN063009.D

Acq: 19 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-198-200

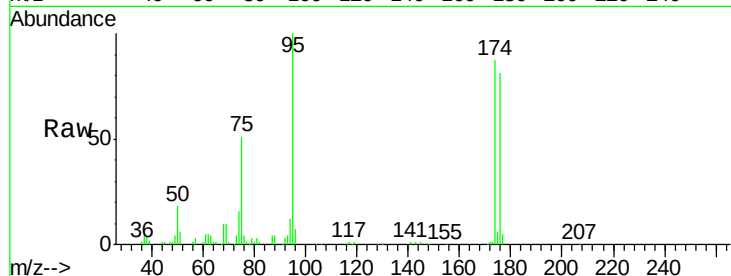
Tgt Ion:173 Resp: 970

Ion Ratio Lower Upper

173 100

175 574.4 24.3 72.8#

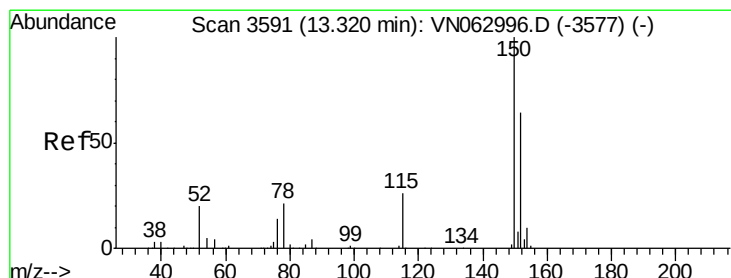
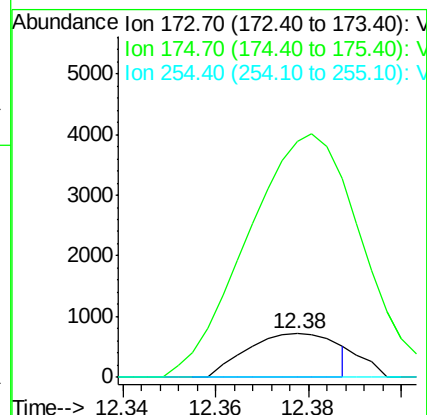
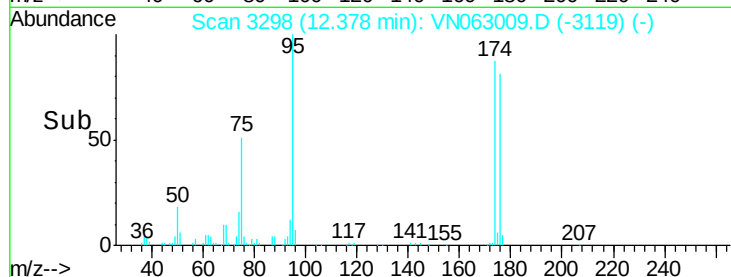
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN063009.D

Acq: 19 Aug 2020 13:26

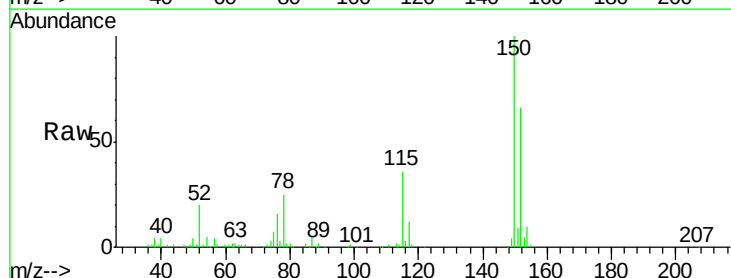
Tgt Ion:152 Resp: 96331

Ion Ratio Lower Upper

152 100

115 56.4 28.7 86.3

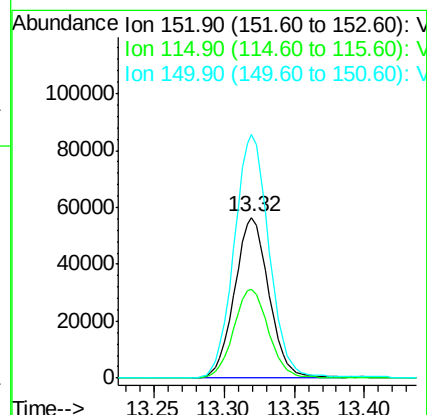
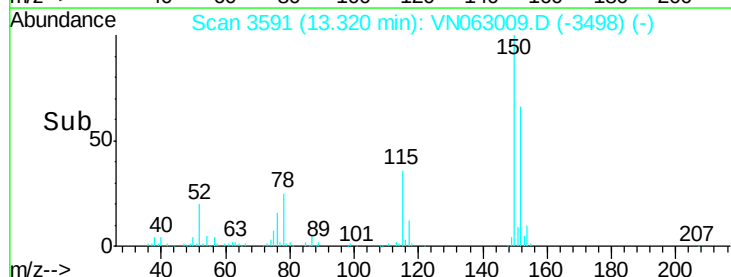
150 154.2 0.0 348.8

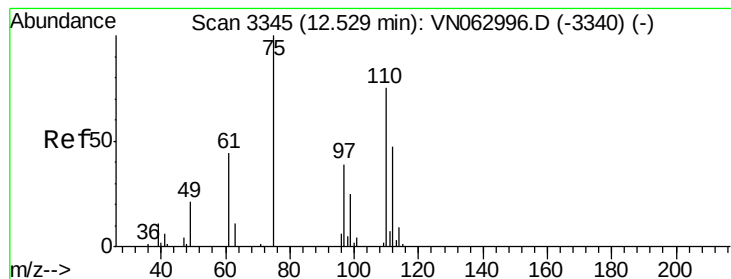


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 28.584 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN063009.D

Acq: 19 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

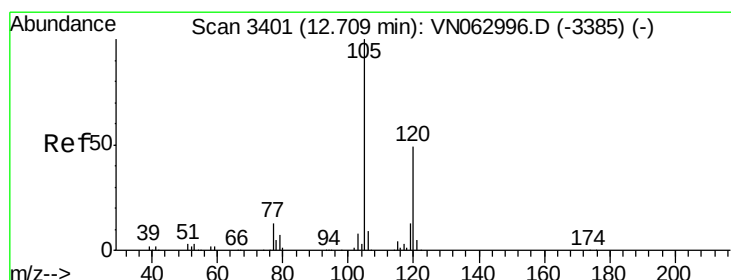
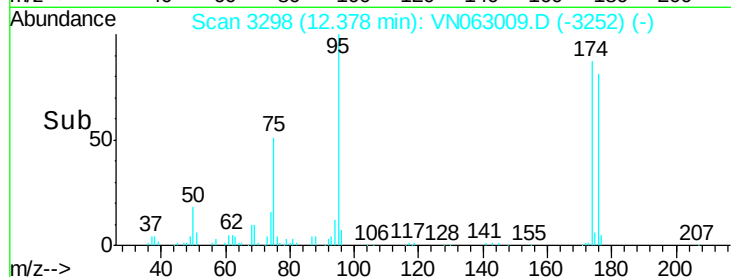
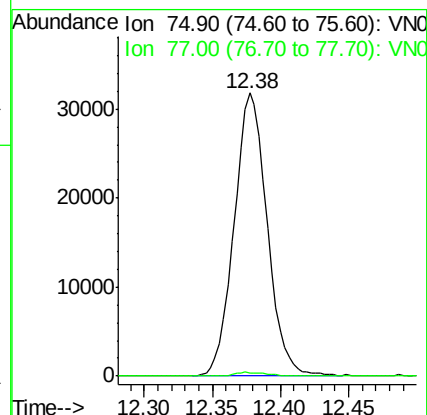
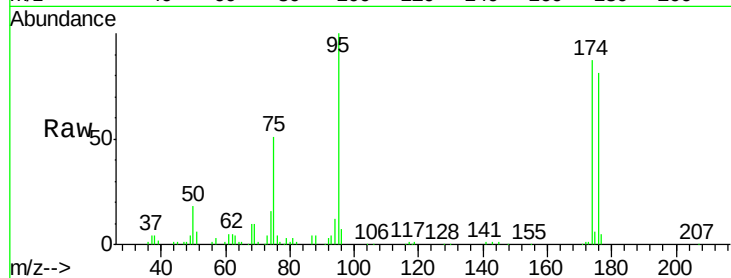
BP-VPB181-GW-198-200

Tgt Ion: 75 Resp: 53523

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.285 ug/l

RT: 12.71 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN063009.D

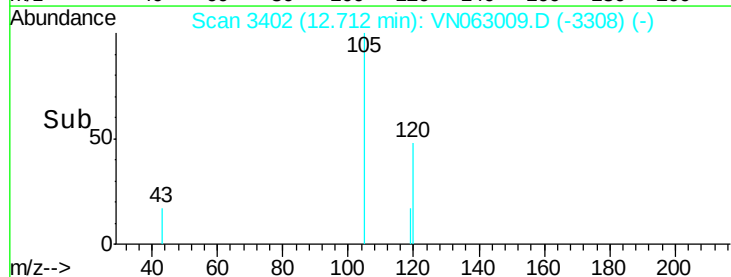
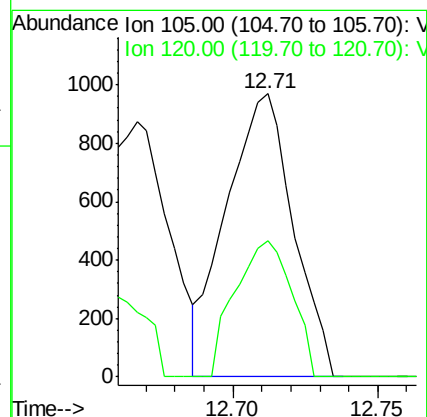
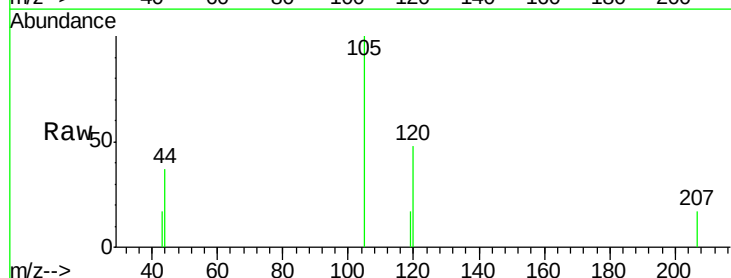
Acq: 19 Aug 2020 13:26

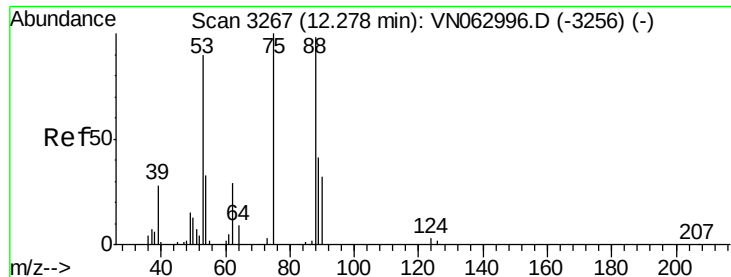
Tgt Ion: 105 Resp: 1555

Ion Ratio Lower Upper

105 100

120 40.8 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 78.506 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN063009.D

Acq: 19 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-198-200

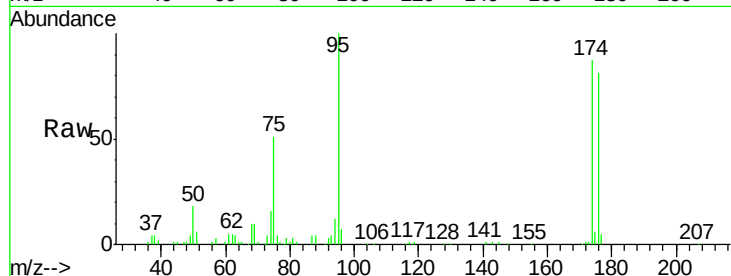
Tgt Ion: 75 Resp: 53523

Ion Ratio Lower Upper

75 100

53 0.0 69.2 103.8#

89 0.0 34.2 51.4#

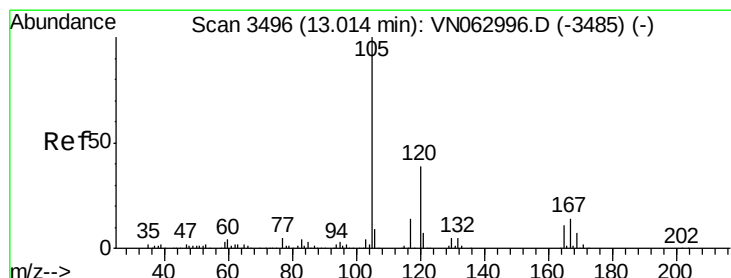
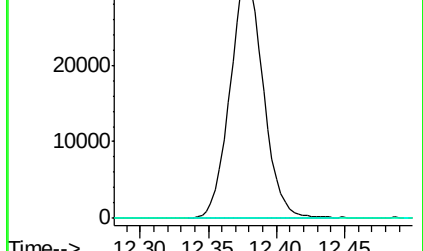
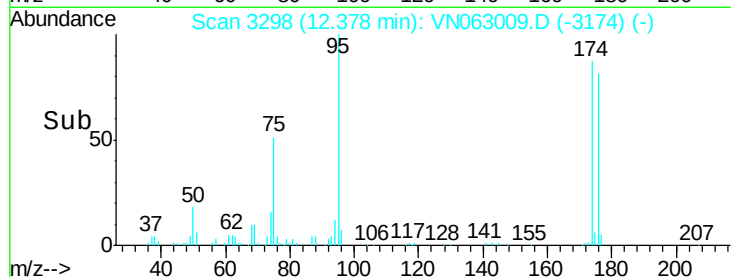


Abundance Ion 74.90 (74.60 to 75.60): VN063009.D (-3174) (-)

Ion 53.00 (52.70 to 53.70): VN063009.D (-3174) (-)

Ion 88.90 (88.60 to 89.60): VN063009.D (-3174) (-)

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 1.092 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. 0.00 min

Lab File: VN063009.D

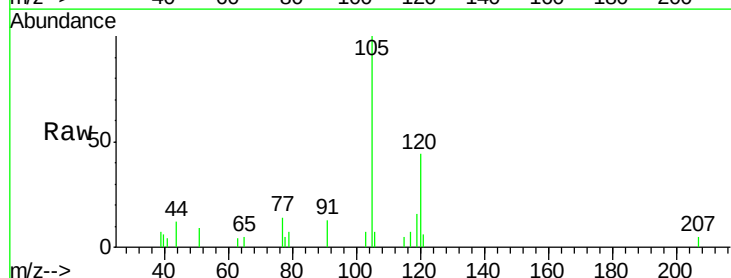
Acq: 19 Aug 2020 13:26

Tgt Ion: 105 Resp: 5800

Ion Ratio Lower Upper

105 100

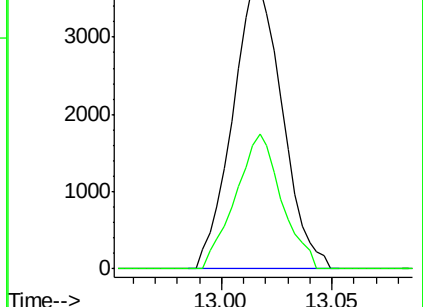
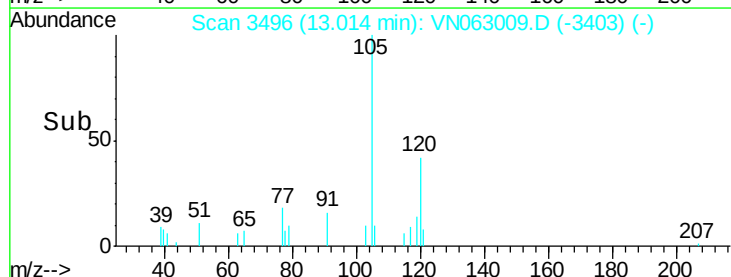
120 43.6 22.5 67.5

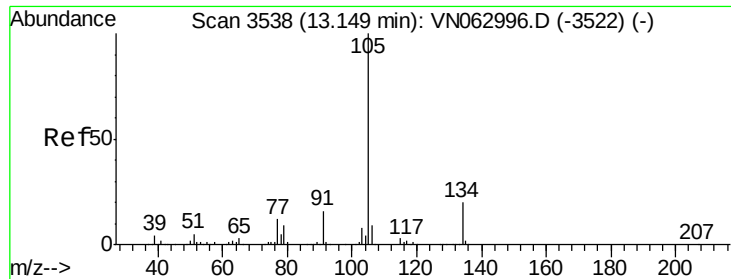


Abundance Ion 105.00 (104.70 to 105.70): VN063009.D (-3403) (-)

Ion 120.00 (119.70 to 120.70): VN063009.D (-3403) (-)

Time-->

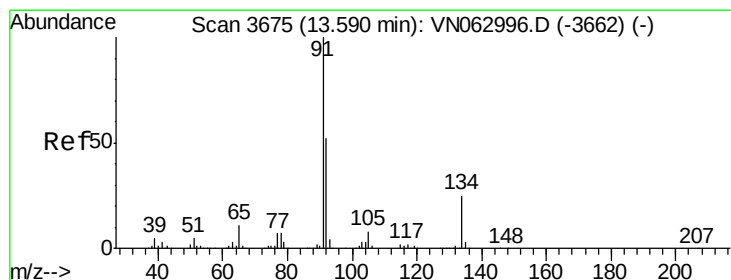
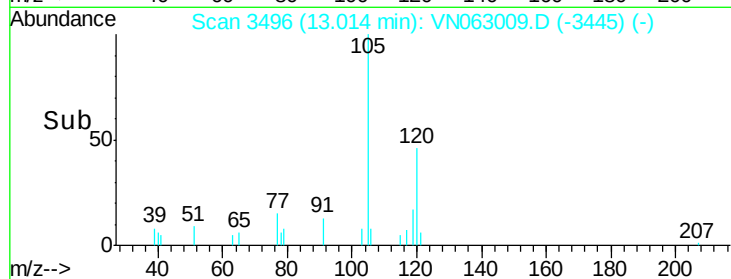
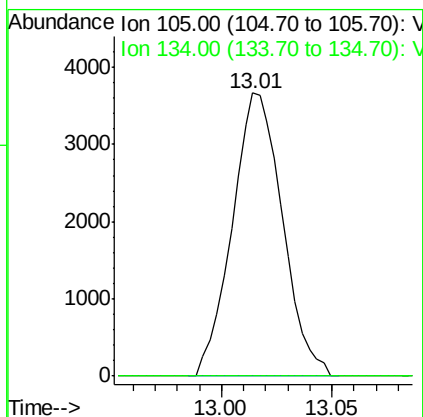
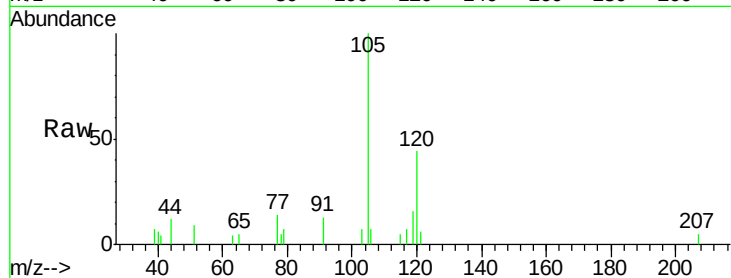




#85
 sec-Butylbenzene
 Concen: 0.912 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.13 min
 Lab File: VN063009.D
 Acq: 19 Aug 2020 13:26

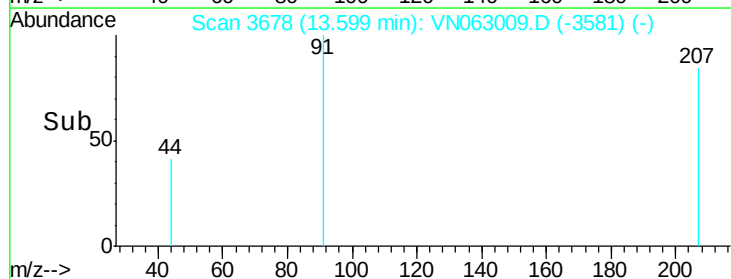
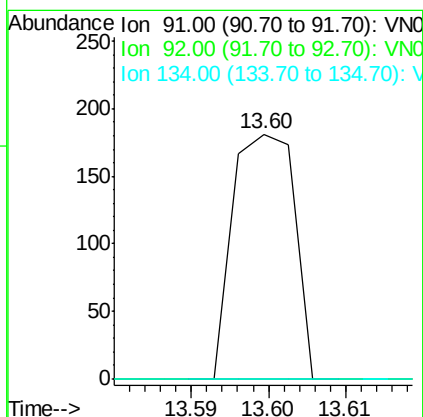
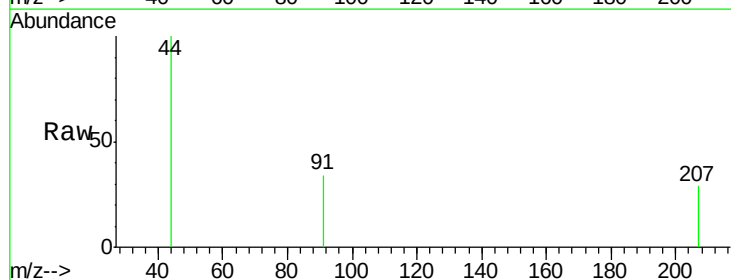
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-198-200

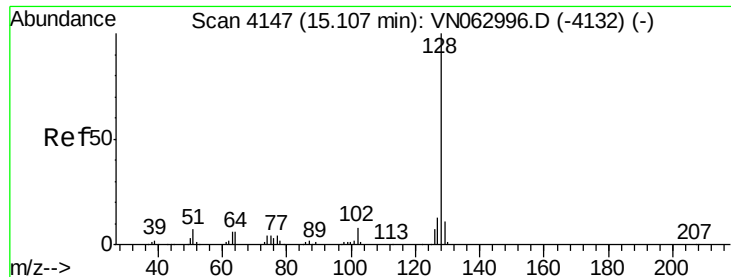
Tgt Ion: 105 Resp: 5800
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#



#89
 n-Butylbenzene
 Concen: 2.789 ug/l
 RT: 13.60 min Scan# 3678
 Delta R.T. 0.01 min
 Lab File: VN063009.D
 Acq: 19 Aug 2020 13:26

Tgt Ion: 91 Resp: 101
 Ion Ratio Lower Upper
 91 100
 92 0.0 25.9 77.6#
 134 0.0 12.4 37.0#

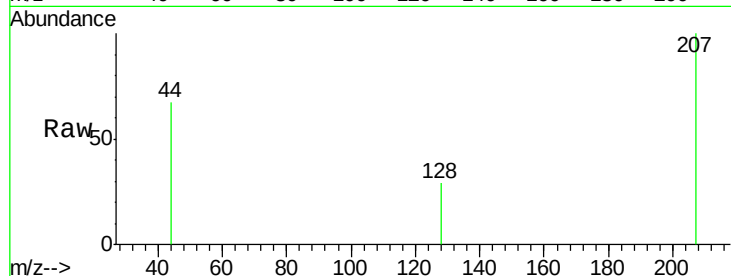




#95
Naphthalene
Concen: 5.680 ug/l
RT: 15.11 min Scan# 4149
Delta R.T. 0.01 min
Lab File: VN063009.D
Acq: 19 Aug 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-198-200

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.9	13.3#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

