

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062437.D
 Acq On : 9 Jul 2020 4:23
 Operator : JC/MD
 Sample : L3164-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-GW-588-590

Quant Time: Jul 09 05:20:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	183457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	331293	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	315804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	112811	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	144439	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.38%		
35) Dibromofluoromethane	7.55	113	106007	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.54%		
50) Toluene-d8	10.06	98	429966	53.19	ug/l	0.00
Spiked Amount 50.000			Recovery =	106.38%		
62) 4-Bromofluorobenzene	12.38	95	149514	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.22%		

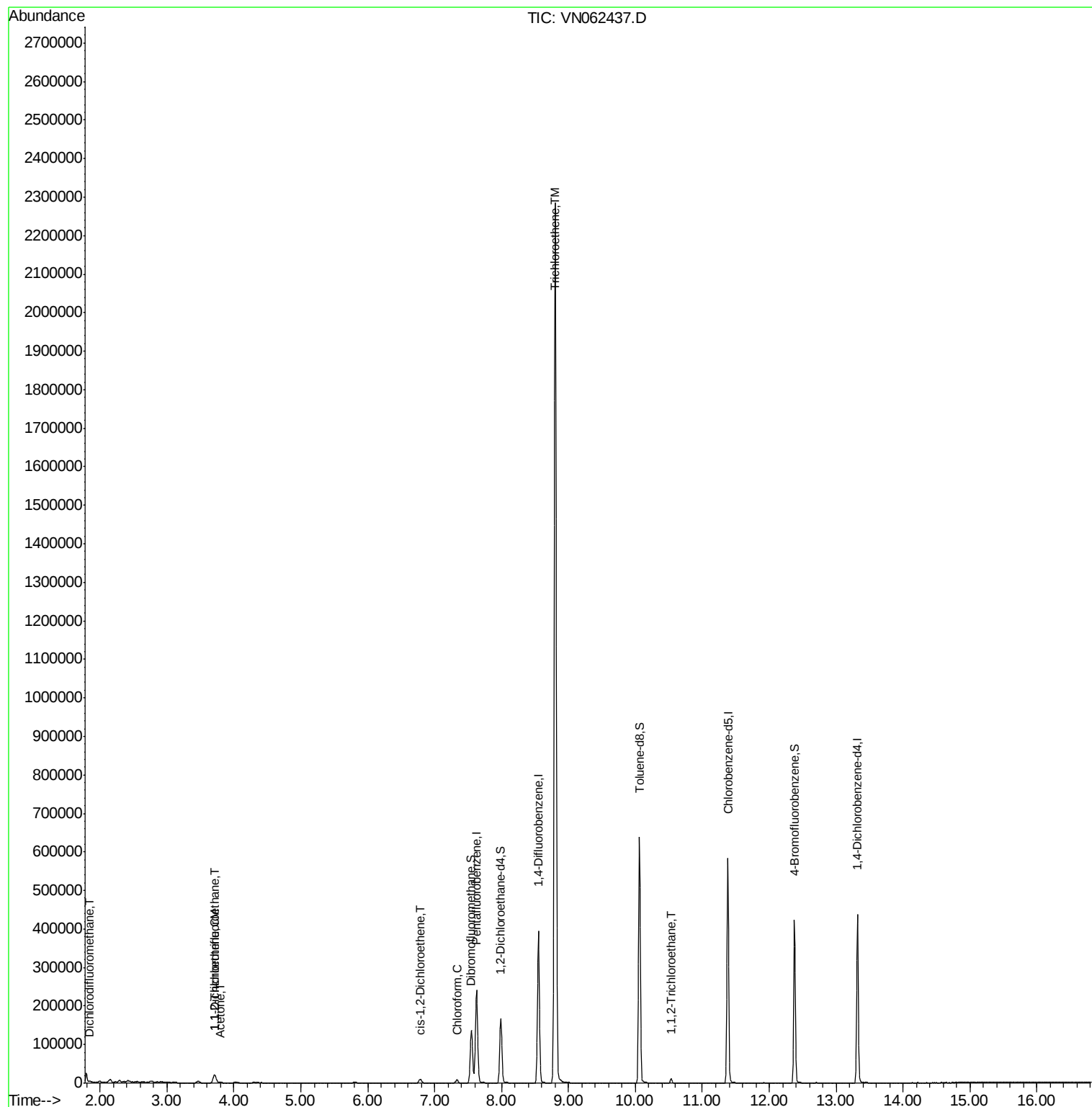
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	1165	0.623	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.73	101	9591	5.186	ug/l	97
12) 1,1-Dichloroethene	3.70	96	6111	3.245	ug/l	84
16) Acetone	3.79	43	3764	3.142	ug/l	90
27) cis-1,2-Dichloroethene	6.79	96	6213	2.629	ug/l	82
30) Chloroform	7.33	83	9112	2.232	ug/l	96
44) Trichloroethene	8.80	130	802896	367.869	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	3915	1.752	ug/l	97

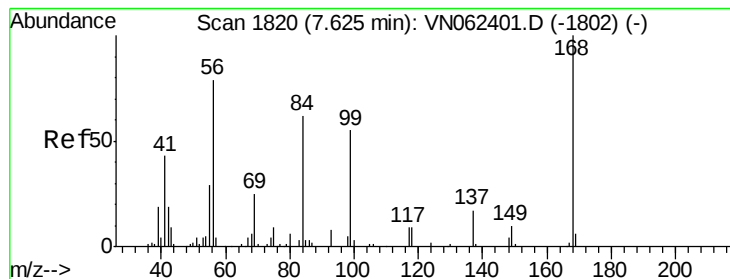
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 09 02:12:34 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062437.D

Acq: 9 Jul 2020 4:23

Instrument :

MSVOA_N

ClientSampleId :

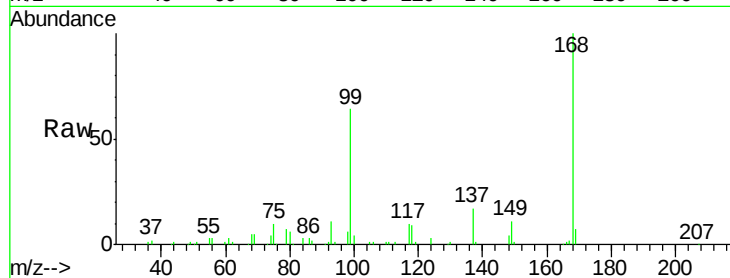
BP-MW180-GW-588-590

Tot Ion:168 Resp: 183457

Ion Ratio Lower Upper

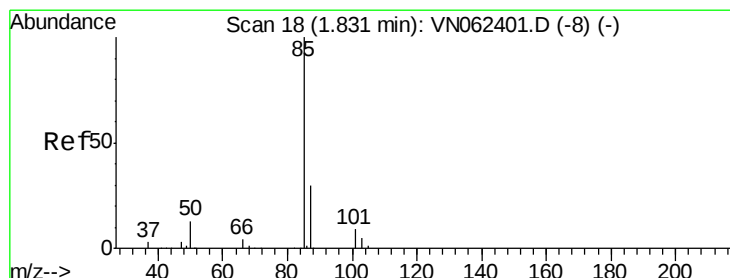
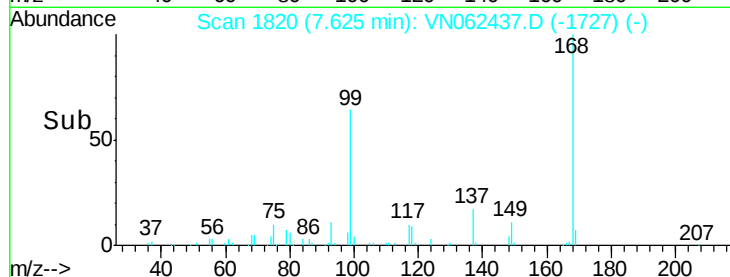
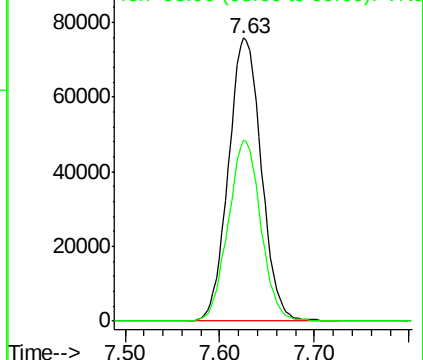
168 100

99 64.0 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 0.623 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062437.D

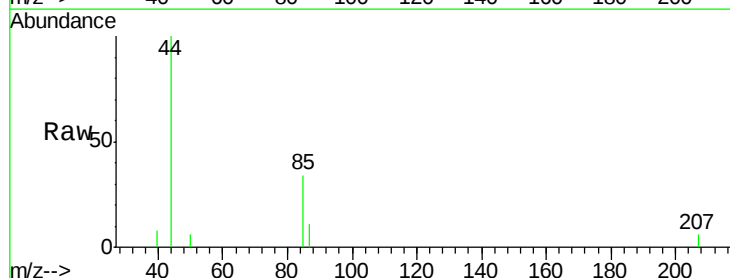
Acq: 9 Jul 2020 4:23

Tgt Ion: 85 Resp: 1165

Ion Ratio Lower Upper

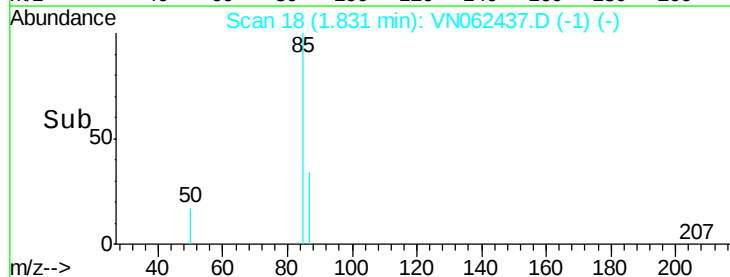
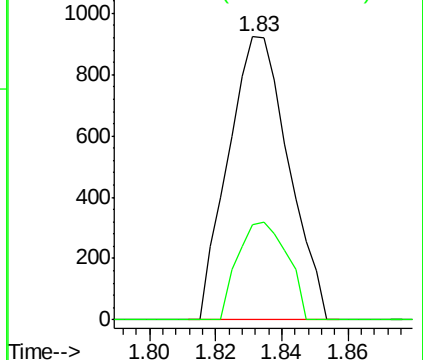
85 100

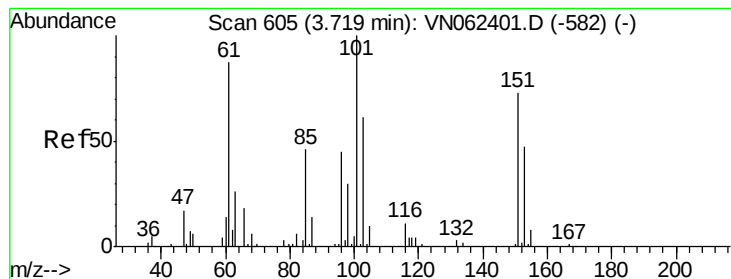
87 33.6 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.186 ug/l

RT: 3.73 min Scan# 607

Delta R.T. 0.01 min

Lab File: VN062437.D

Acq: 9 Jul 2020 4:23

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-GW-588-590

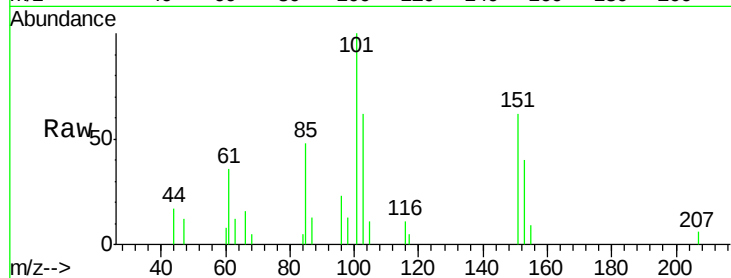
Tot Ion:101 Resp: 9591

Ion Ratio Lower Upper

101 100

85 46.5 36.7 55.1

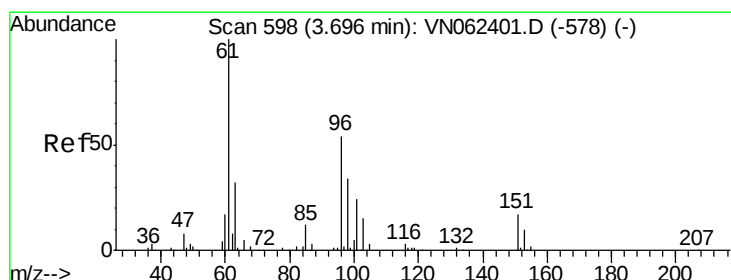
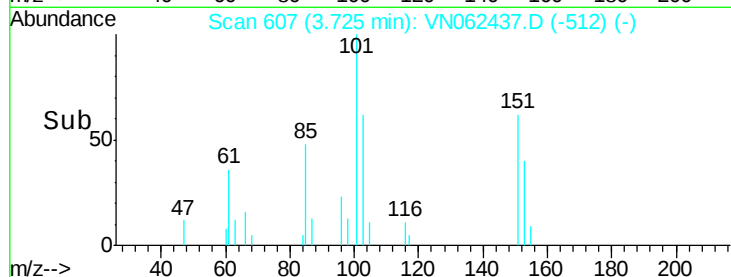
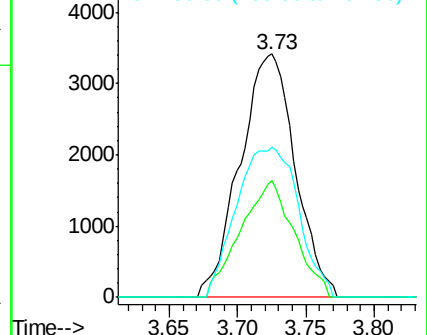
151 69.4 58.3 87.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VNO

Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 3.245 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN062437.D

Acq: 9 Jul 2020 4:23

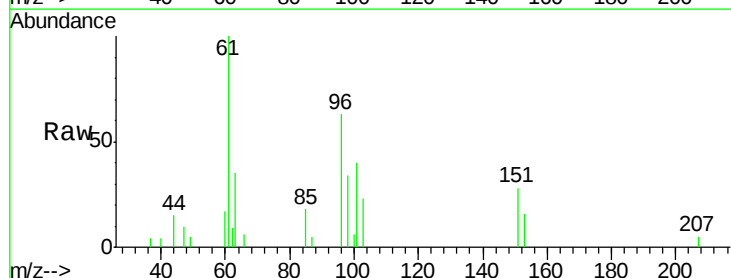
Tgt Ion: 96 Resp: 6111

Ion Ratio Lower Upper

96 100

61 159.1 147.4 221.0

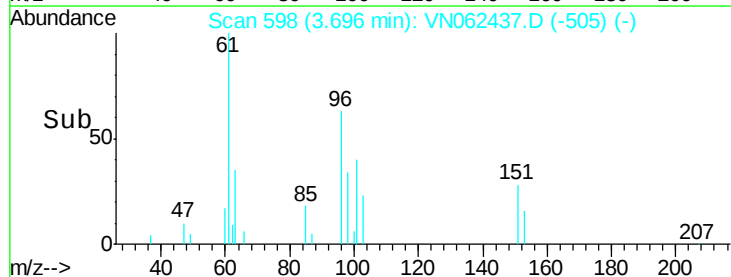
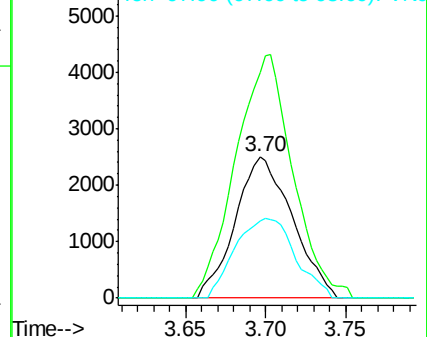
98 54.5 50.4 75.6

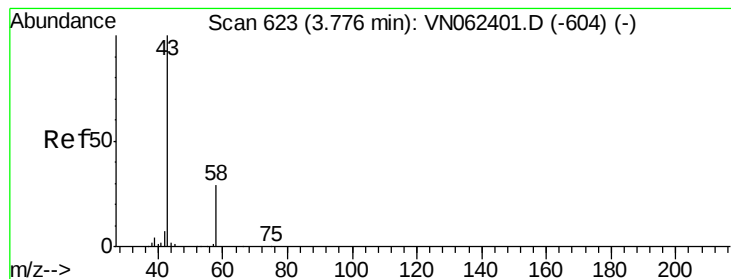


Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#16

Acetone

Concen: 3.142 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.02 min

Lab File: VN062437.D

Acq: 9 Jul 2020 4:23

Instrument :

MSVOA_N

ClientSampleId :

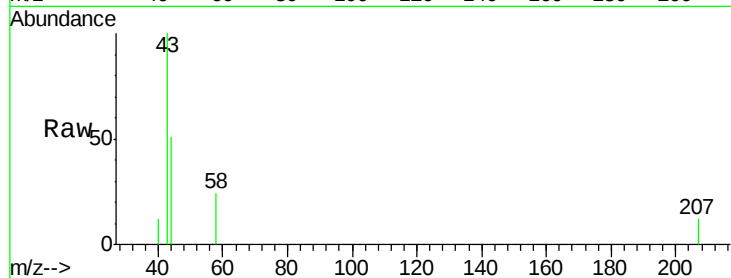
BP-MW180-GW-588-590

Tot Ion: 43 Resp: 3764

Ion Ratio Lower Upper

43 100

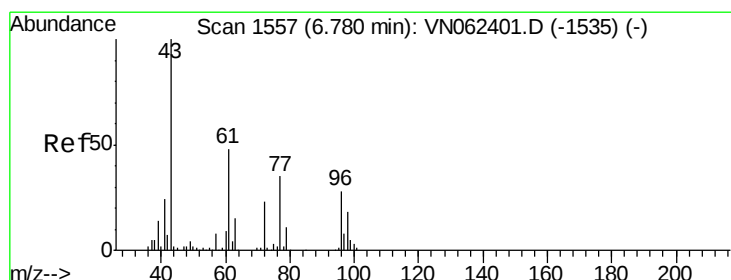
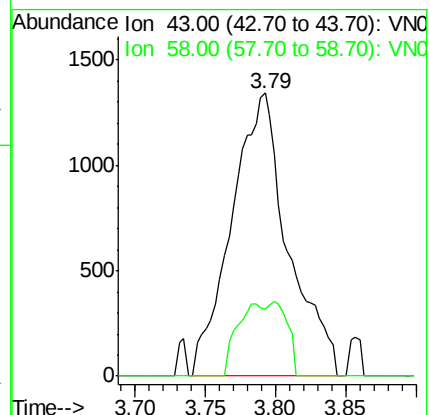
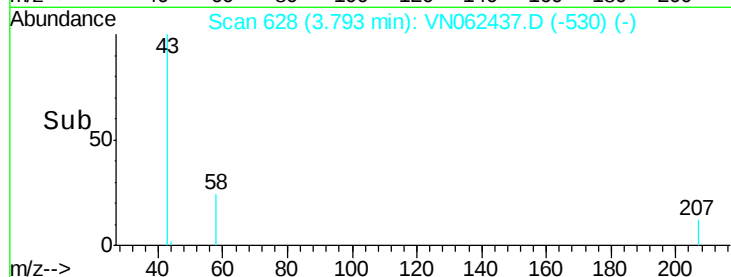
58 23.9 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN062401.D (-604) (-)

Time-->



#27

cis-1,2-Dichloroethene

Concen: 2.629 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.01 min

Lab File: VN062437.D

Acq: 9 Jul 2020 4:23

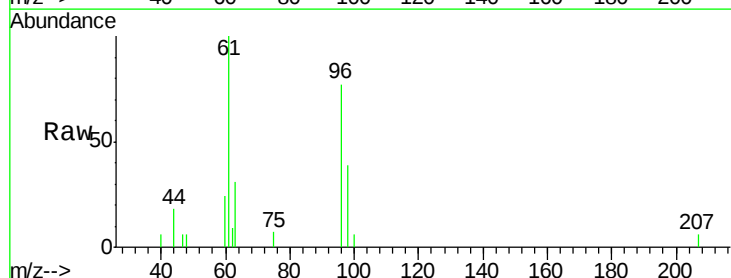
Tgt Ion: 96 Resp: 6213

Ion Ratio Lower Upper

96 100

61 143.8 0.0 343.4

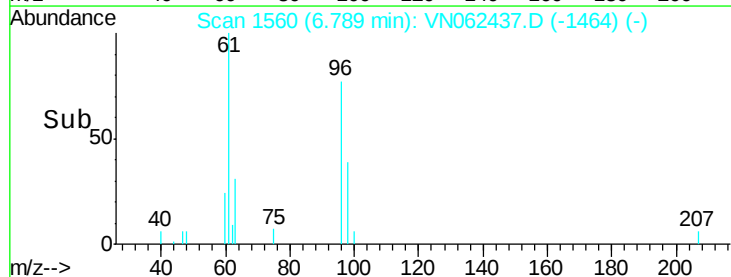
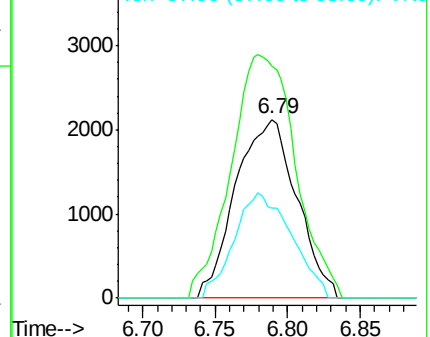
98 55.5 0.0 128.4

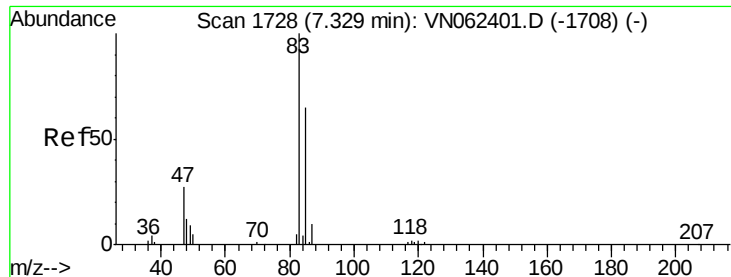


Abundance Ion 95.90 (95.60 to 96.60): VN062401.D (-1535) (-)

Ion 60.90 (60.60 to 61.60): VN062401.D (-1535) (-)

Ion 97.90 (97.60 to 98.60): VN062401.D (-1535) (-)

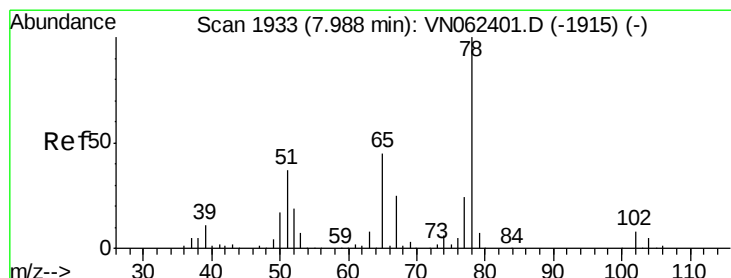
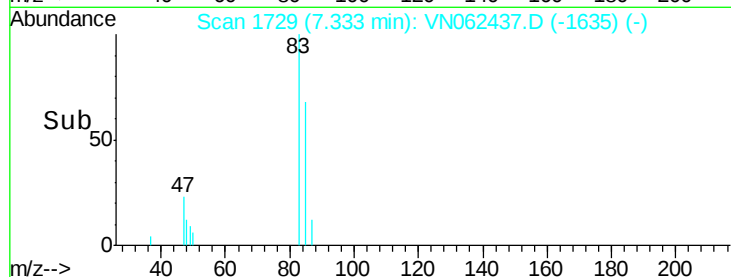
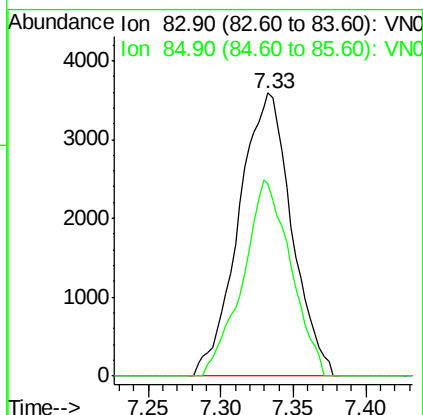
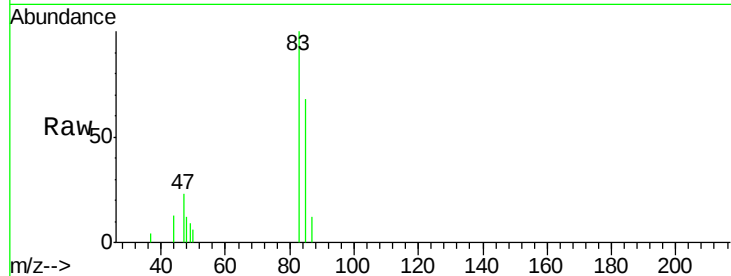




#30
Chloroform
Concen: 2.232 ug/l
RT: 7.33 min Scan# 1729
Delta R.T. 0.00 min
Lab File: VN062437.D
Acq: 9 Jul 2020 4:23

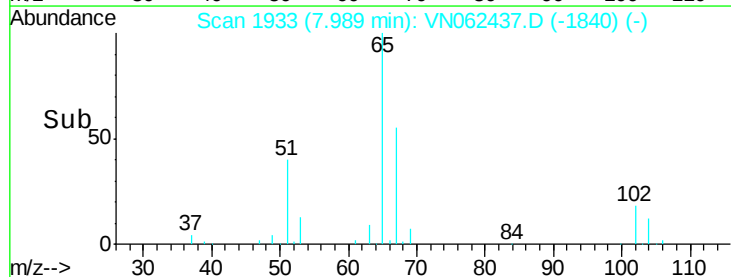
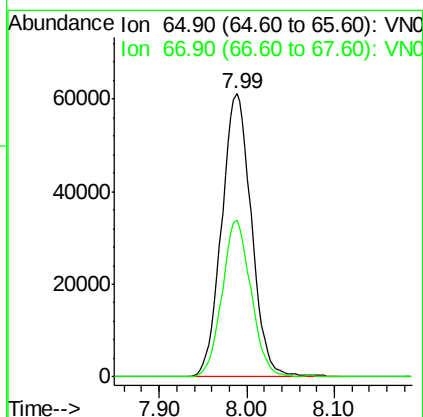
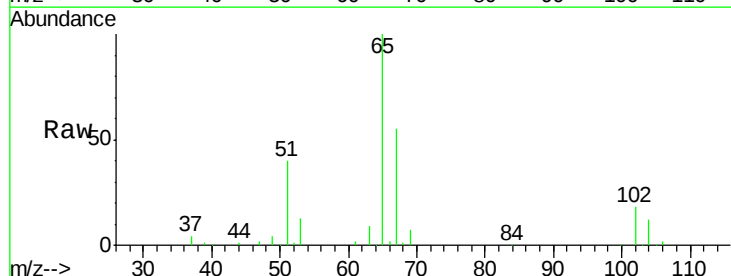
Instrument :
MSVOA_N
ClientSampleId :
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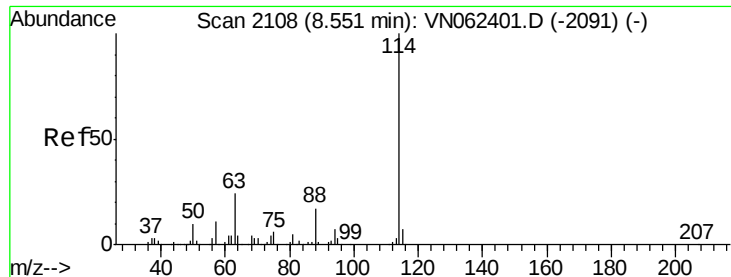
Tot Ion: 83 Resp: 9112
Ion Ratio Lower Upper
83 100
85 67.8 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 51.187 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062437.D
Acq: 9 Jul 2020 4:23

Tgt Ion: 65 Resp: 144439
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.6

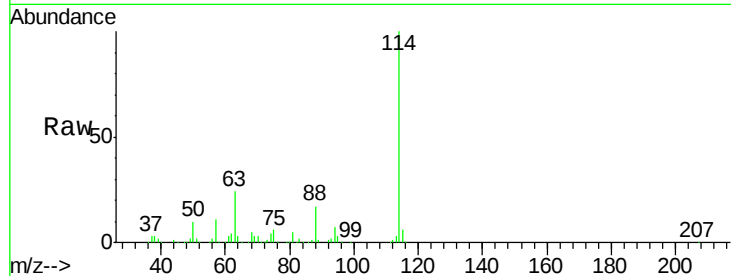




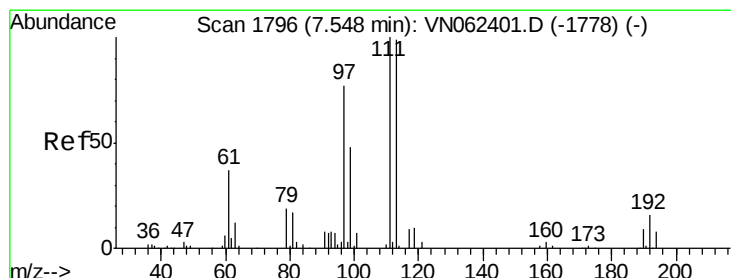
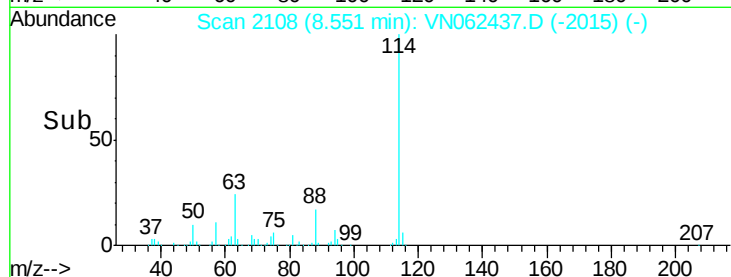
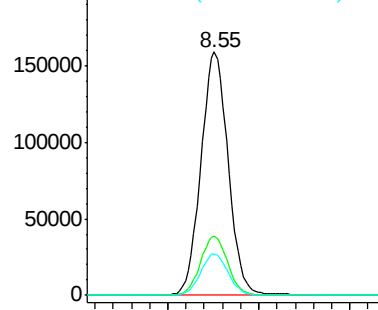
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN062437.D
Acq: 9 Jul 2020 4:23

Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-GW-588-590

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	48.4
88	17.0	0.0	33.8

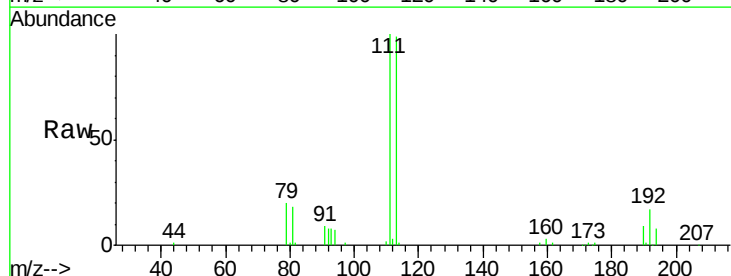


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

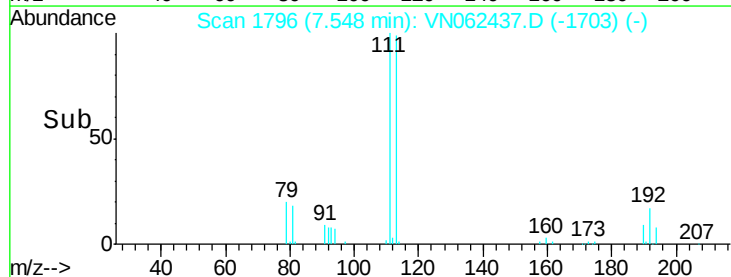
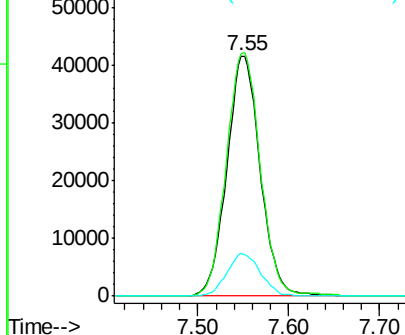


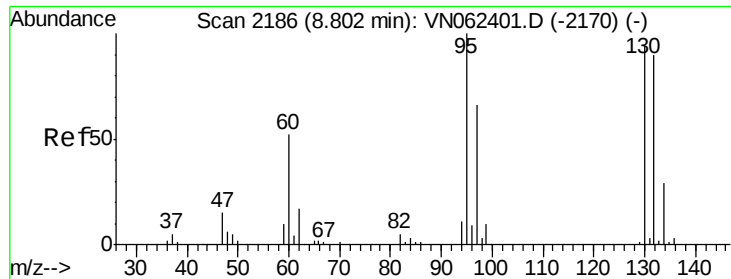
#35
Dibromofluoromethane
Concen: 51.765 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN062437.D
Acq: 9 Jul 2020 4:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.1	124.7
192	17.8	14.1	21.1



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: 367.869 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062437.D

Acq: 9 Jul 2020 4:23

Instrument :

MSVOA_N

ClientSampleId :

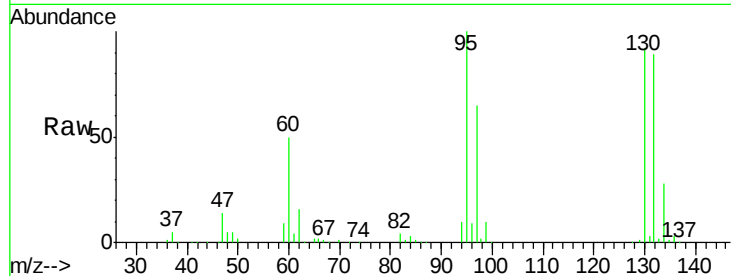
BP-MW180-GW-588-590

Tot Ion:130 Resp: 802896

Ion Ratio Lower Upper

130 100

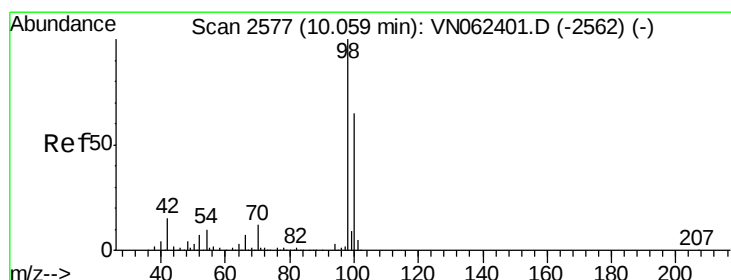
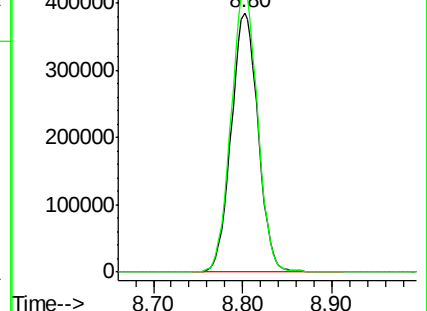
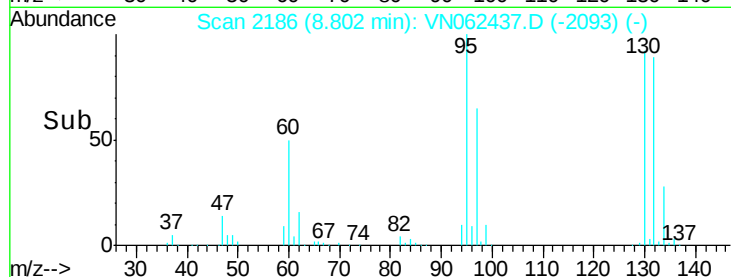
95 109.0 0.0 213.8



Abundance Ion 129.80 (129.50 to 130.50): VN062437.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062437.D (-2093) (-)

8.80



#50

Toluene-d8

Concen: 53.186 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062437.D

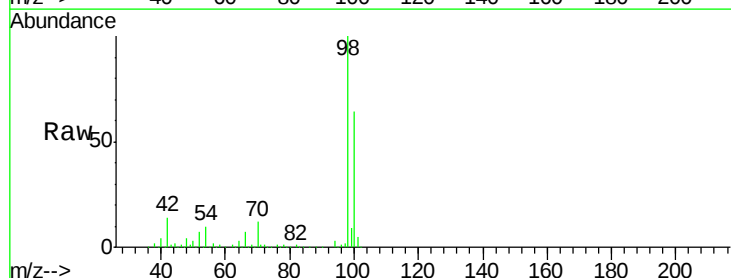
Acq: 9 Jul 2020 4:23

Tgt Ion: 98 Resp: 429966

Ion Ratio Lower Upper

98 100

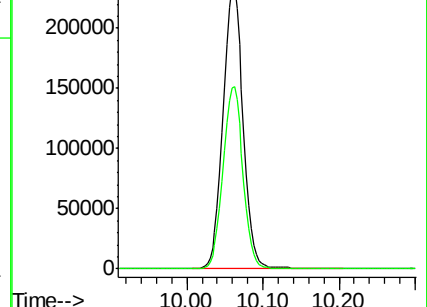
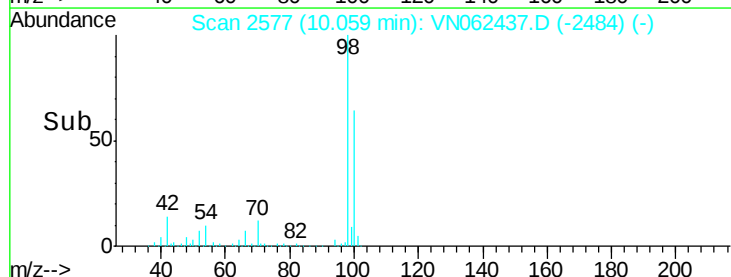
100 64.0 51.5 77.3

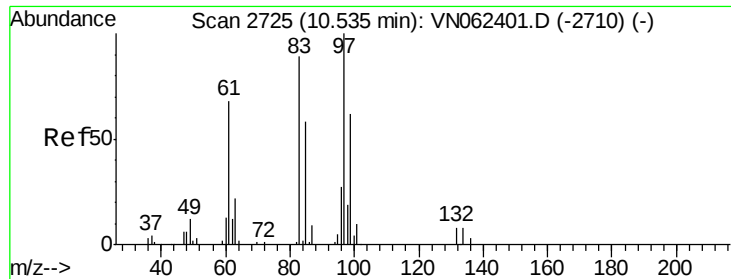


Abundance Ion 98.00 (97.70 to 98.70): VN062437.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN062437.D (-2484) (-)

10.06





#55

1,1,2-Trichloroethane

Concen: 1.752 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN062437.D

Acq: 9 Jul 2020 4:23

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-GW-588-590

Tot Ion: 97 Resp: 3915

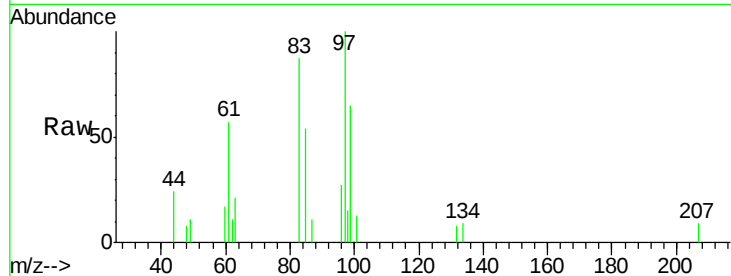
Ion Ratio Lower Upper

97 100

83 87.1 71.0 106.4

85 54.1 46.2 69.4

99 65.2 49.7 74.5

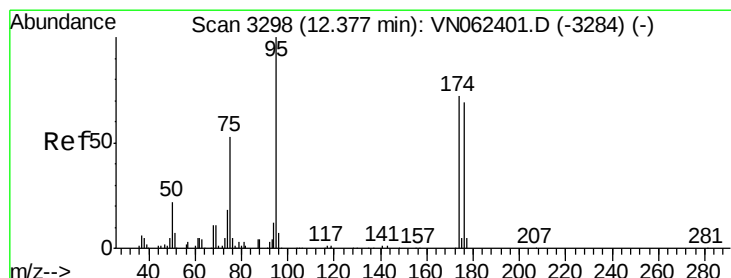
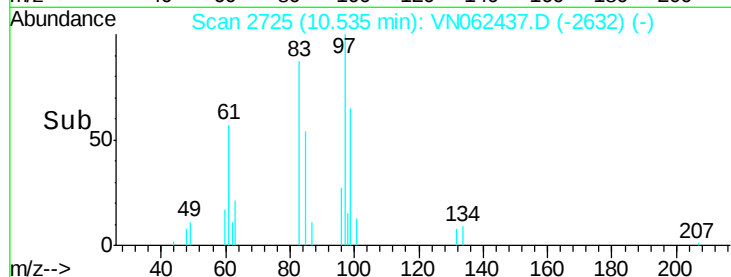
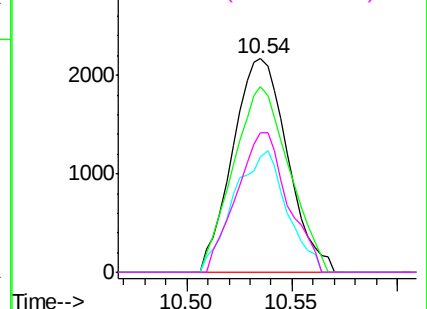


Abundance Ion 96.90 (96.60 to 97.60): VN062401.D (-2710) (-)

Ion 82.90 (82.60 to 83.60): VN062401.D (-2710) (-)

Ion 84.90 (84.60 to 85.60): VN062401.D (-2710) (-)

Ion 98.90 (98.60 to 99.60): VN062401.D (-2710) (-)



#62

4-Bromofluorobenzene

Concen: 50.610 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062437.D

Acq: 9 Jul 2020 4:23

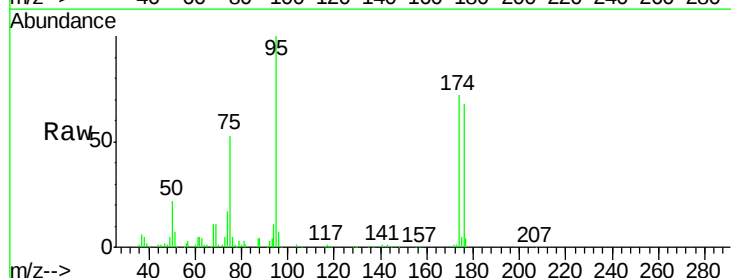
Tgt Ion: 95 Resp: 149514

Ion Ratio Lower Upper

95 100

174 72.3 0.0 141.6

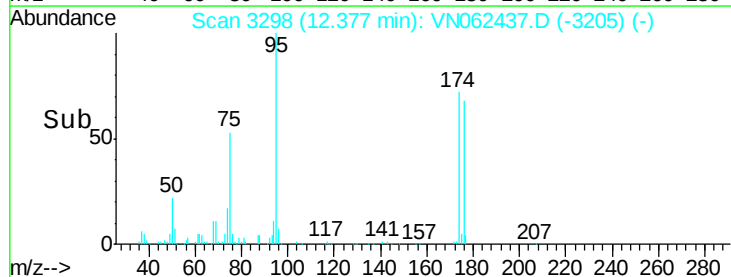
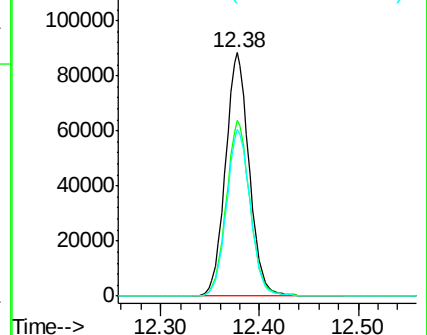
176 68.7 0.0 137.2

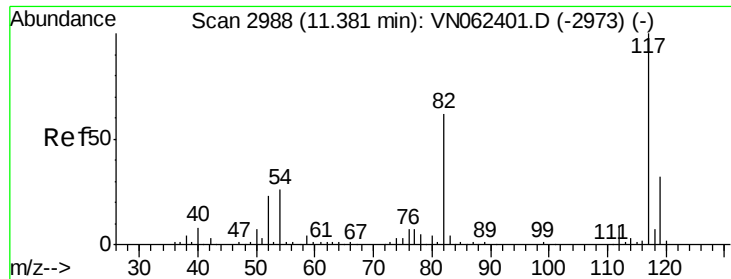


Abundance Ion 94.90 (94.60 to 95.60): VN062401.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN062401.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062401.D (-3284) (-)

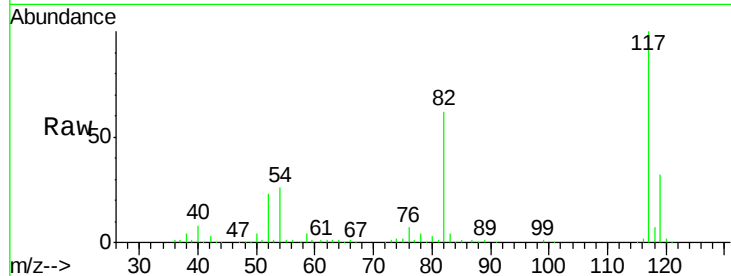




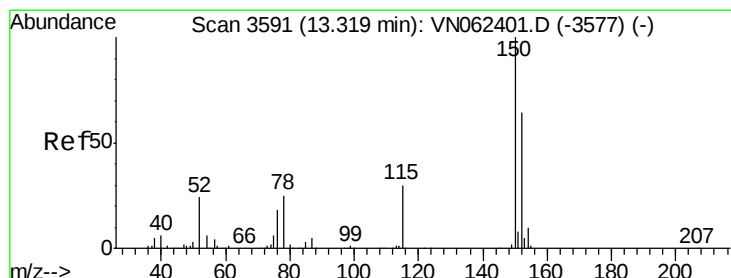
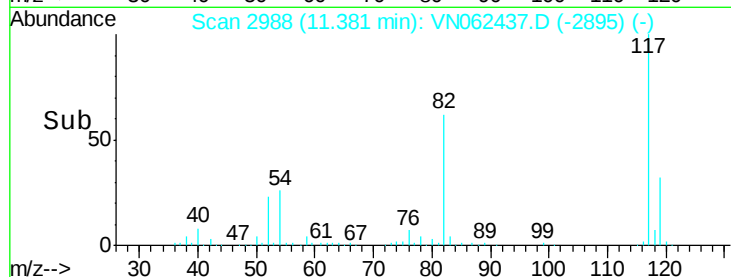
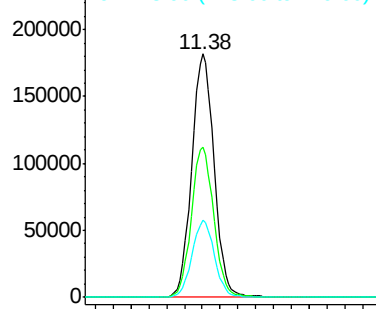
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062437.D
Acq: 9 Jul 2020 4:23

Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-GW-588-590

Tot Ion:117 Resp: 315804
Ion Ratio Lower Upper
117 100
82 61.9 49.6 74.4
119 31.5 25.4 38.0

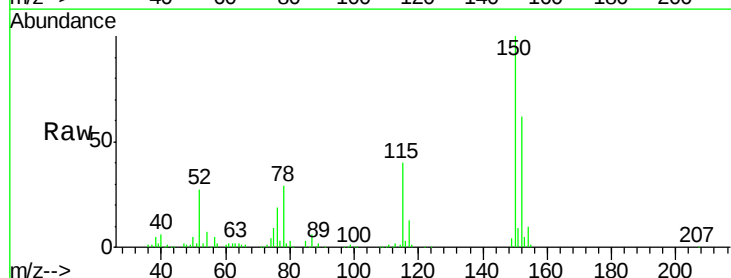


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062437.D
Acq: 9 Jul 2020 4:23

Tgt Ion:152 Resp: 112811
Ion Ratio Lower Upper
152 100
115 64.2 31.4 94.2
150 161.3 0.0 347.4



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

