

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070920\
 Data File : VN062465.D
 Acq On : 9 Jul 2020 19:25
 Operator : JC/MD
 Sample : L3192-09RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-600-604RE

Quant Time: Jul 10 01:56:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

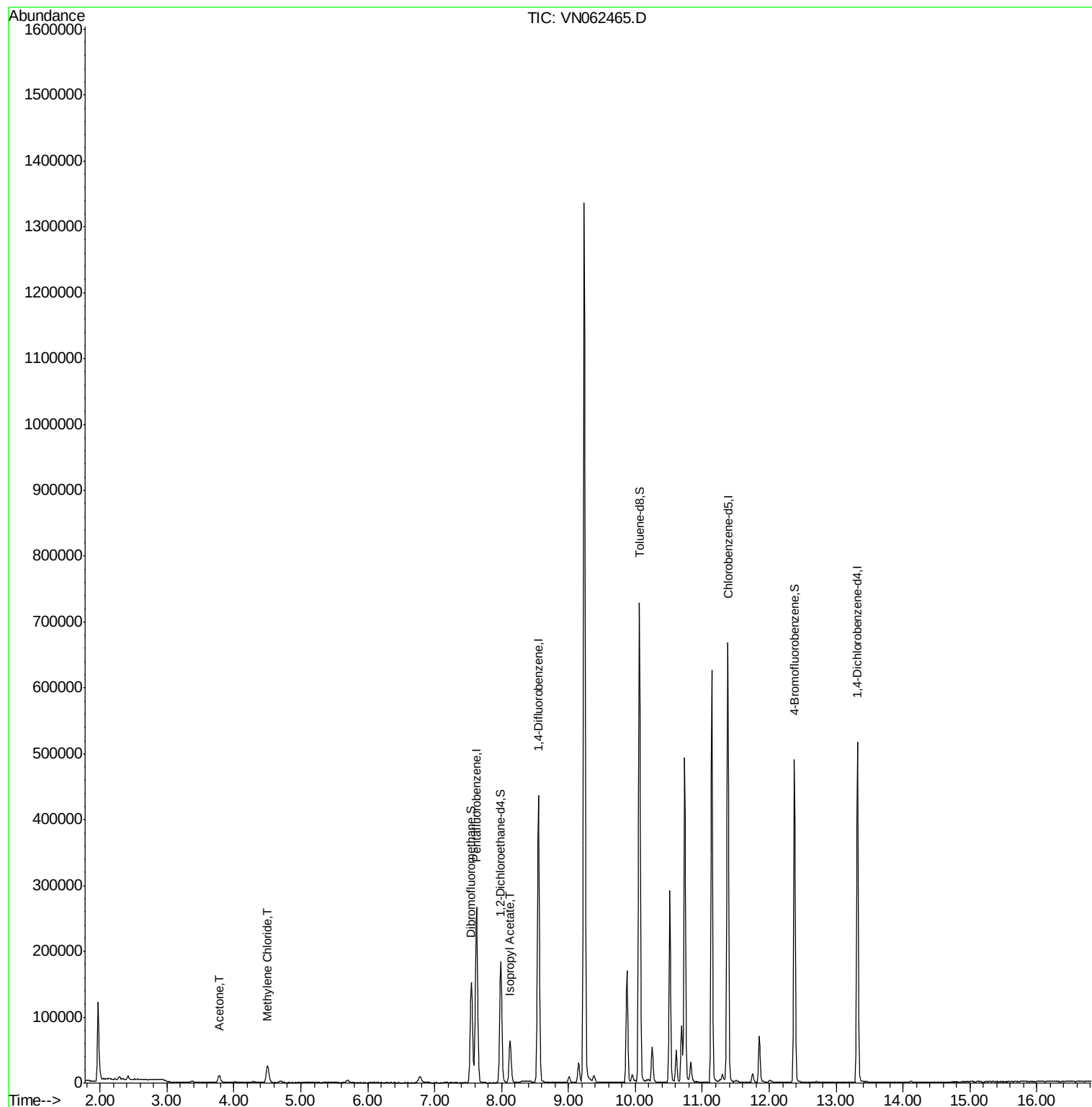
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	205116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	371962	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	364768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	133062	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	159595	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
35) Dibromofluoromethane	7.55	113	117660	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
50) Toluene-d8	10.06	98	486529	53.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.20%	
62) 4-Bromofluorobenzene	12.37	95	178311	53.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.52%	
Target Compounds						
16) Acetone	3.78	43	19646	14.667	ug/l	98
20) Methylene Chloride	4.51	84	17775	6.207	ug/l	91
43) Isopropyl Acetate	8.13	43	79100	11.427	ug/l #	92

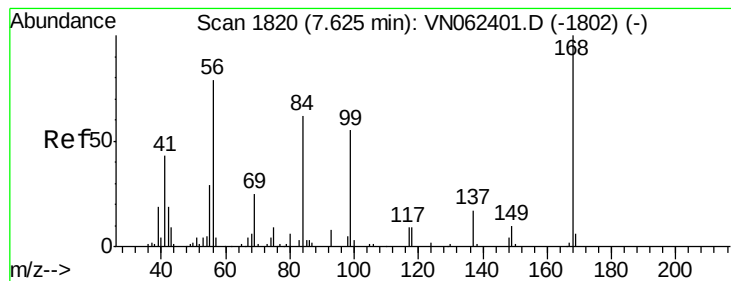
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062465.D

Acq: 9 Jul 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

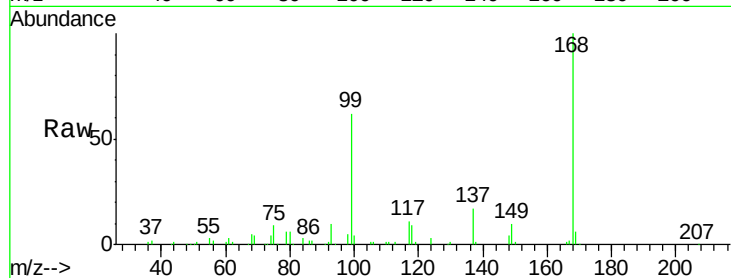
BP-MW180-SOIL-600-604RE

Tot Ion:168 Resp: 205116

Ion Ratio Lower Upper

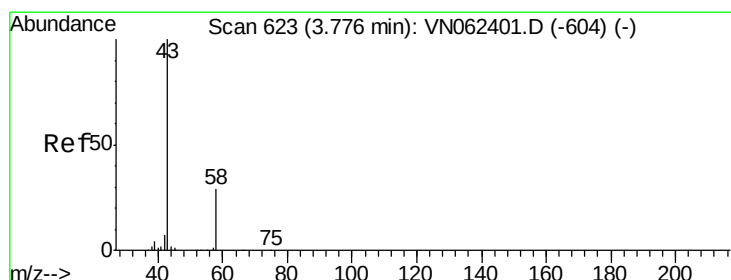
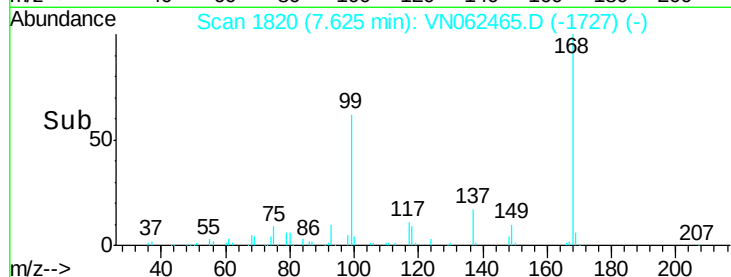
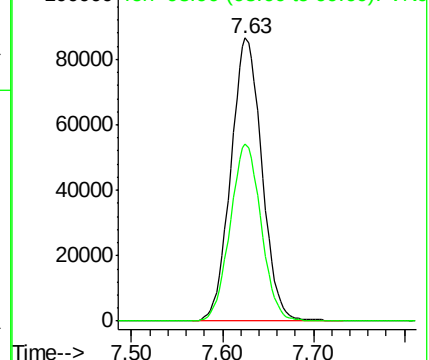
168 100

99 62.4 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): VN062465.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN062465.D (-1727) (-)



#16

Acetone

Concen: 14.667 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN062465.D

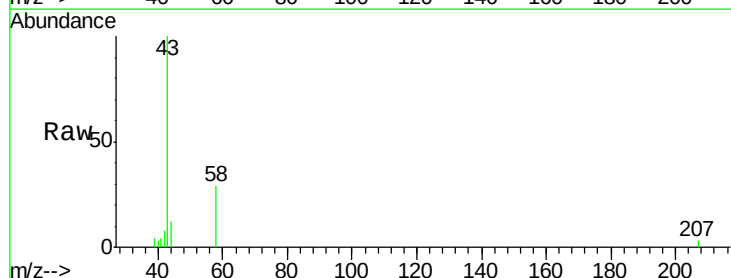
Acq: 9 Jul 2020 19:25

Tgt Ion: 43 Resp: 19646

Ion Ratio Lower Upper

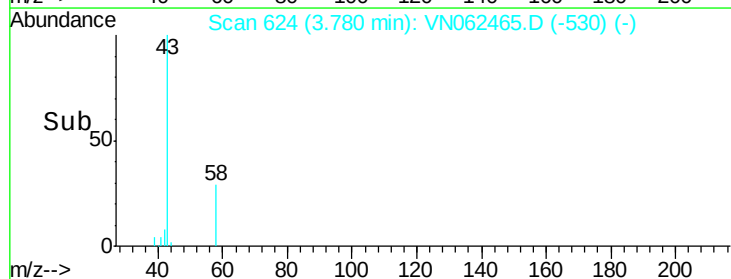
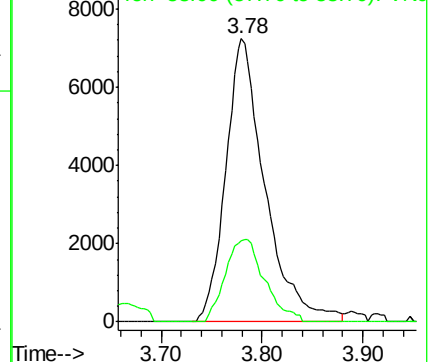
43 100

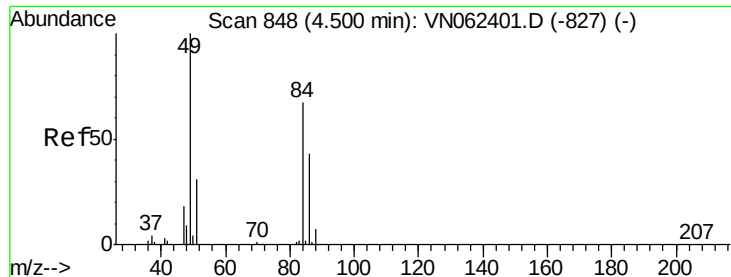
58 28.5 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VN062465.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN062465.D (-530) (-)

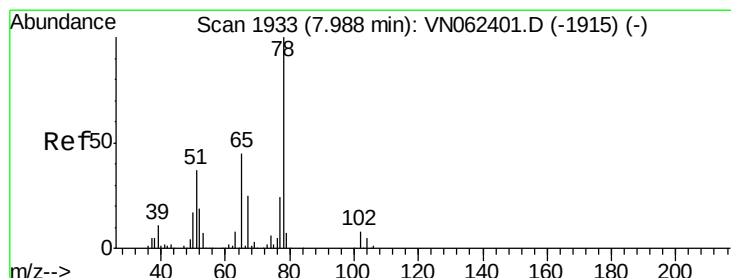
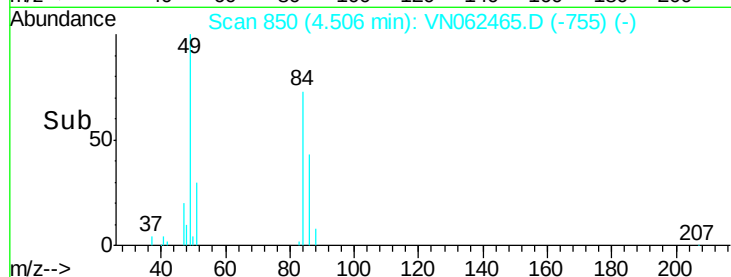
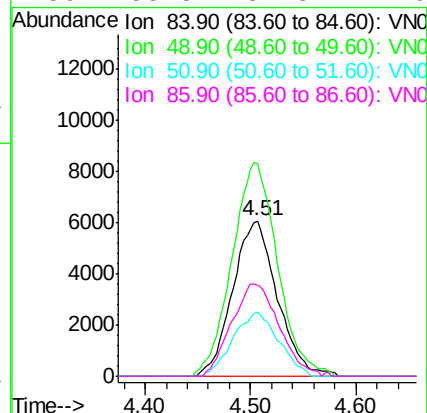
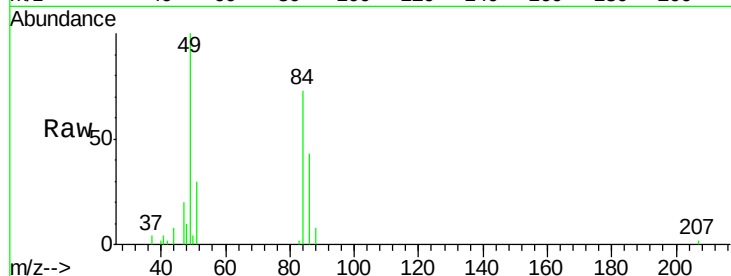




#20
Methylene Chloride
Concen: 6.207 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN062465.D
Acq: 9 Jul 2020 19:25

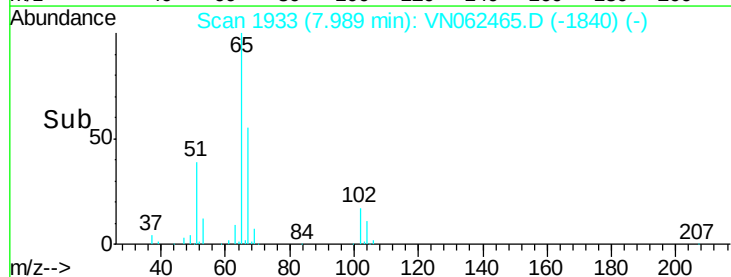
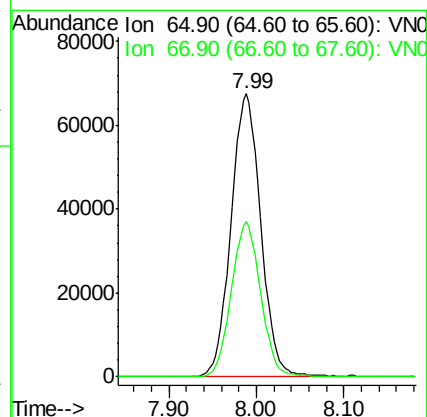
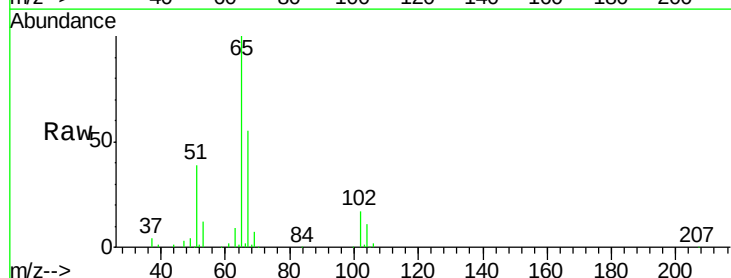
Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-600-604RE

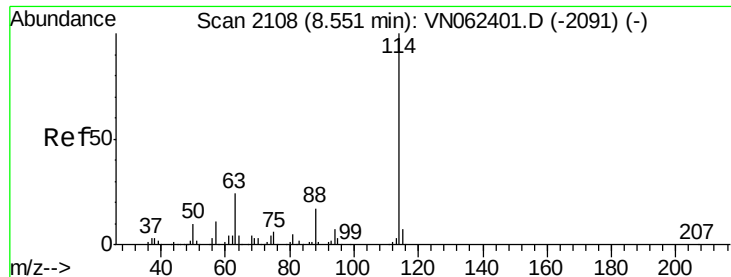
Tot Ion:	84	Resp:	17775
Ion	Ratio	Lower	Upper
84	100		
49	136.8	120.0	180.0
51	41.6	37.0	55.6
86	58.3	51.8	77.6



#33
1,2-Dichloroethane-d4
Concen: 50.586 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062465.D
Acq: 9 Jul 2020 19:25

Tgt Ion:	65	Resp:	159595
Ion	Ratio	Lower	Upper
65	100		
67	53.9	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: VN062465.D

Acq: 9 Jul 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-SOIL-600-604RE

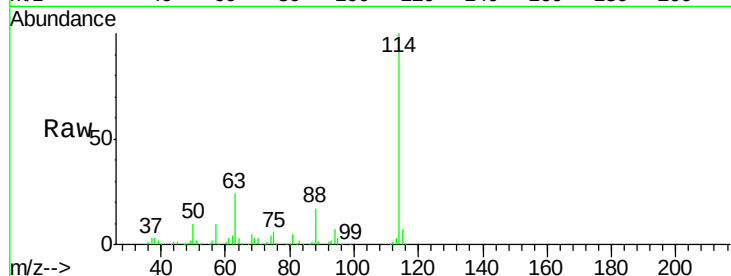
Tot Ion:114 Resp: 371962

Ion Ratio Lower Upper

114 100

63 23.7 0.0 48.4

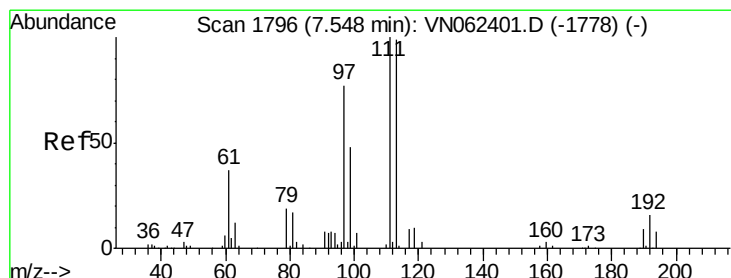
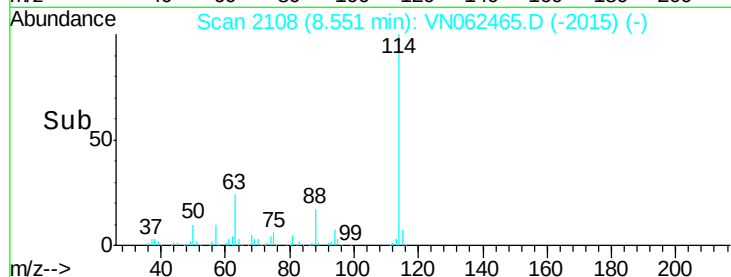
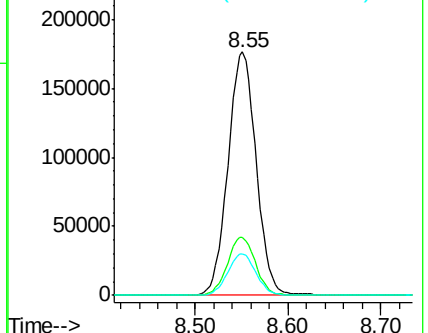
88 17.0 0.0 33.8



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: 51.174 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN062465.D

Acq: 9 Jul 2020 19:25

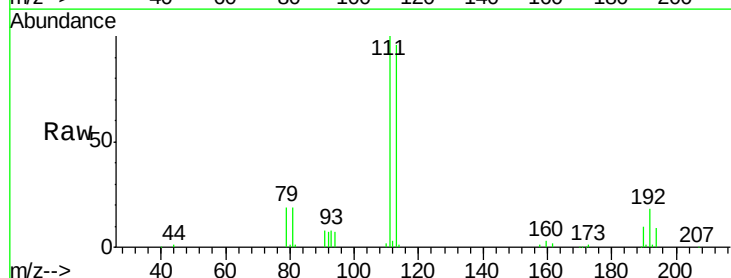
Tgt Ion:113 Resp: 117660

Ion Ratio Lower Upper

113 100

111 103.6 83.1 124.7

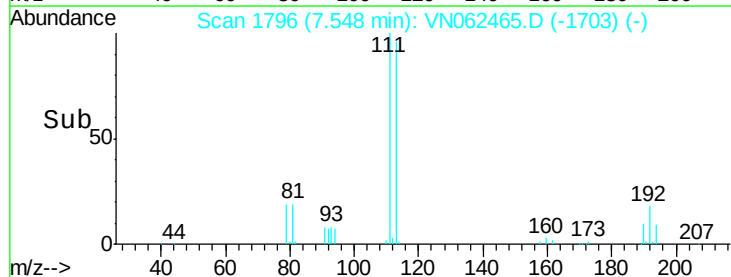
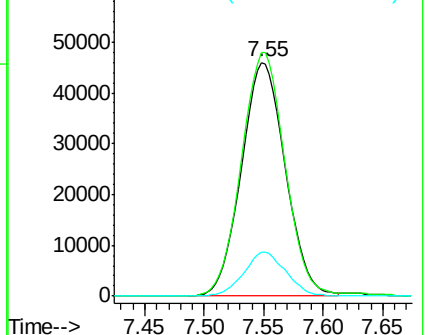
192 18.0 14.1 21.1

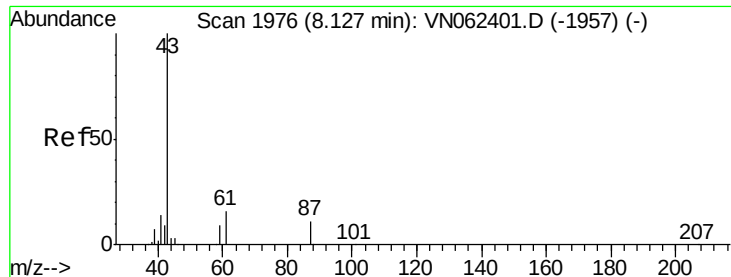


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.427 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062465.D

Acq: 9 Jul 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-SOIL-600-604RE

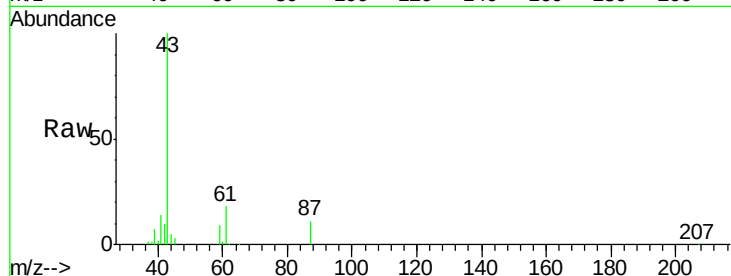
Tot Ion: 43 Resp: 79100

Ion Ratio Lower Upper

43 100

61 18.3 19.3 28.9#

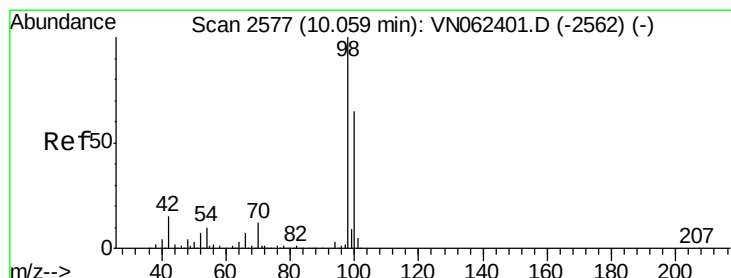
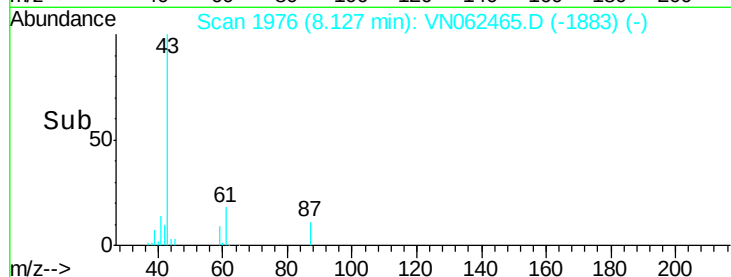
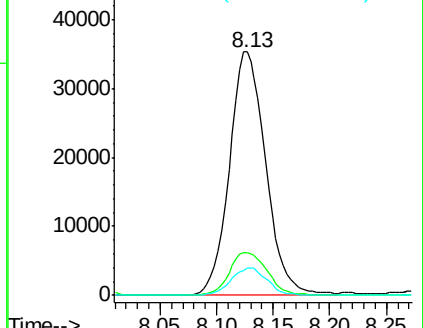
87 11.1 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062401.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062401.D (-1957) (-)



#50

Toluene-d8

Concen: 53.602 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062465.D

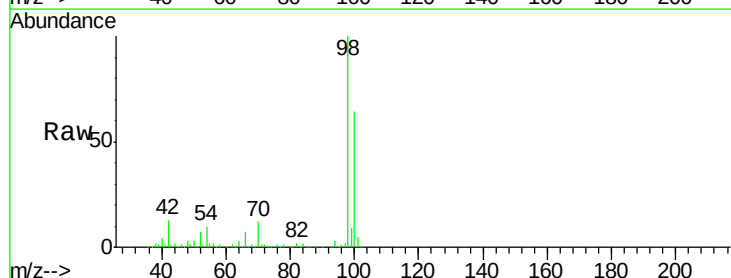
Acq: 9 Jul 2020 19:25

Tgt Ion: 98 Resp: 486529

Ion Ratio Lower Upper

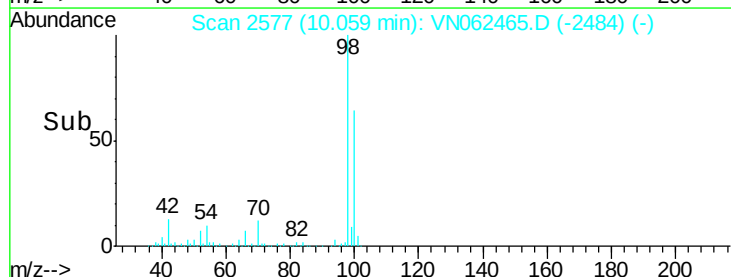
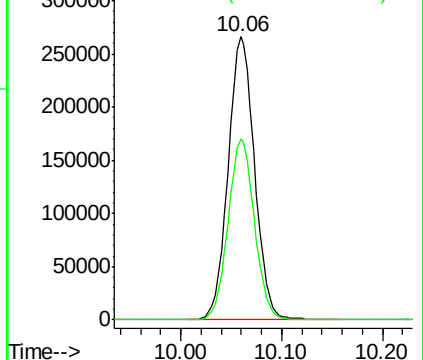
98 100

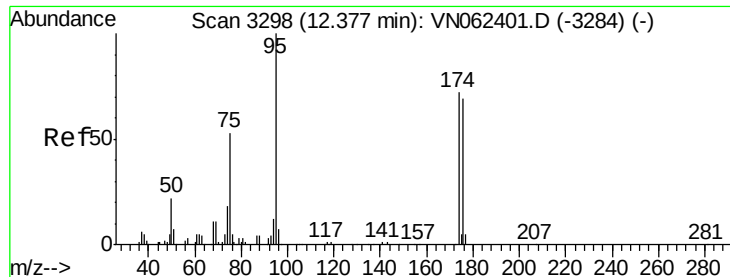
100 63.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN062401.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062401.D (-2562) (-)





#62

4-Bromofluorobenzene

Concen: 53.758 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062465.D

Acq: 9 Jul 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-SOIL-600-604RE

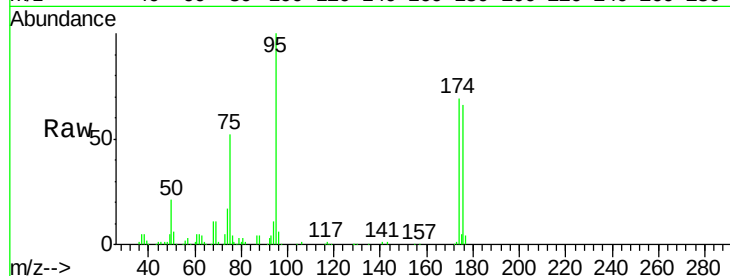
Tot Ion: 95 Resp: 178311

Ion Ratio Lower Upper

95 100

174 70.0 0.0 141.6

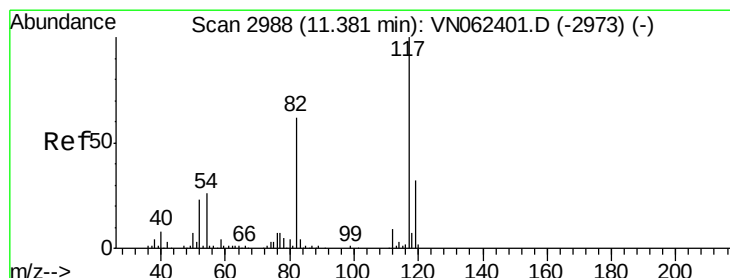
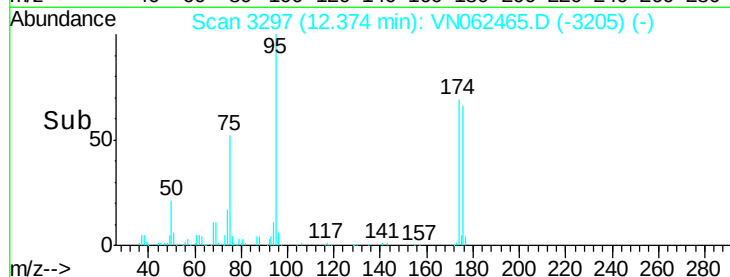
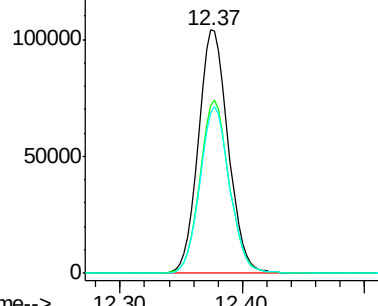
176 67.9 0.0 137.2



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: VN062465.D

Acq: 9 Jul 2020 19:25

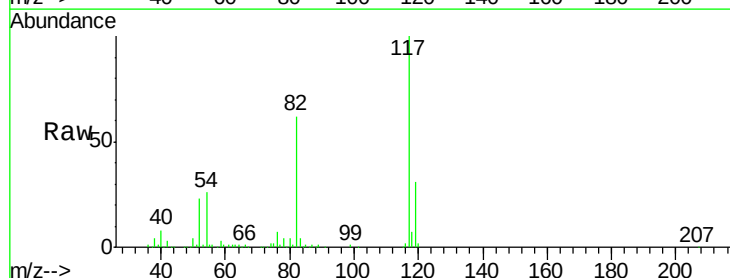
Tgt Ion: 117 Resp: 364768

Ion Ratio Lower Upper

117 100

82 61.5 49.6 74.4

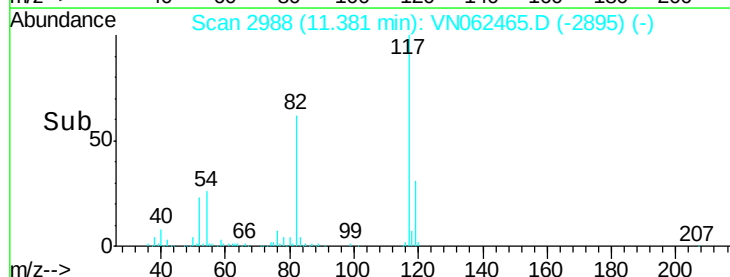
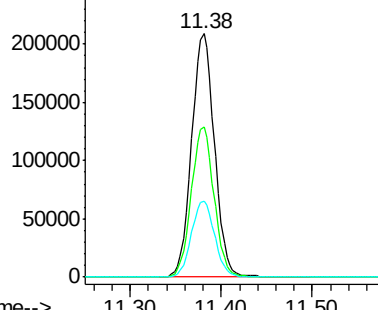
119 31.4 25.4 38.0

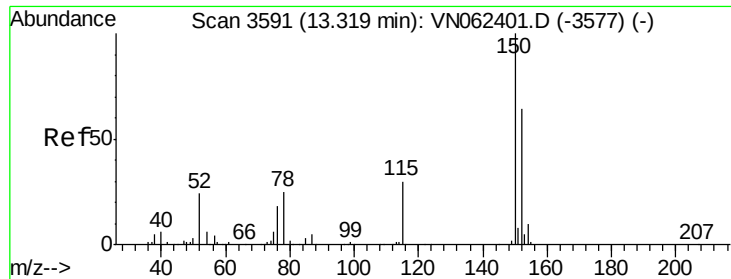


Abundance Ion 116.90 (116.60 to 117.60): VN062401.D (-2973) (-)

Ion 82.00 (81.70 to 82.70): VN062401.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN062401.D (-2973) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062465.D

Acq: 9 Jul 2020 19:25

Instrument :

MSVOA_N

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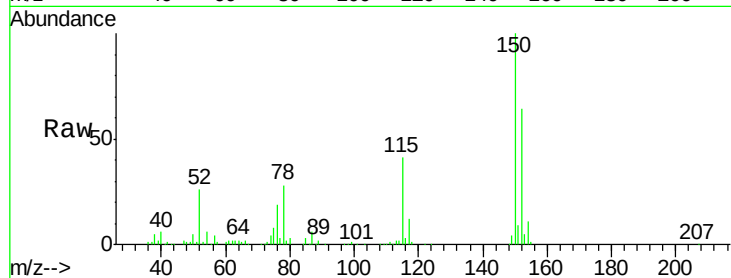
Tot Ion:152 Resp: 133062

Ion Ratio Lower Upper

152 100

115 63.3 31.4 94.2

150 156.9 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

