

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062413.D
 Acq On : 8 Jul 2020 17:50
 Operator : JC/MD
 Sample : L3229-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-5

Quant Time: Jul 09 02:46:06 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	178179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	319490	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	305417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	109697	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	139499	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
35) Dibromofluoromethane	7.55	113	104195	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
50) Toluene-d8	10.06	98	415931	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
62) 4-Bromofluorobenzene	12.38	95	147720	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	

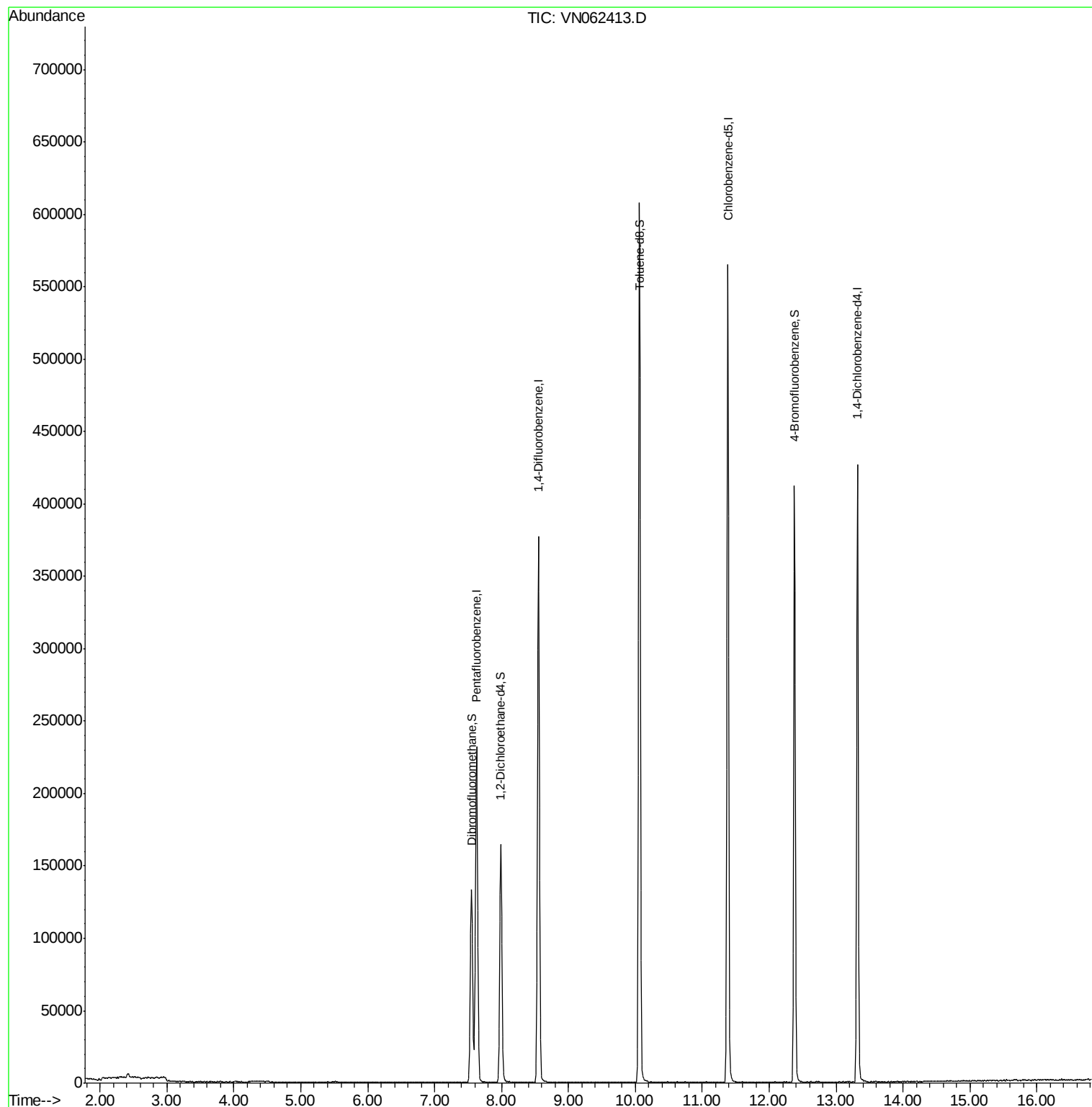
Target Compounds	Qvalue

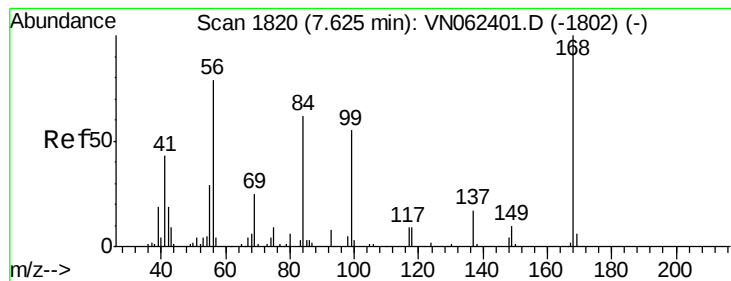
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1821

Delta R.T. 0.00 min

Lab File: VN062413.D

Acq: 8 Jul 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

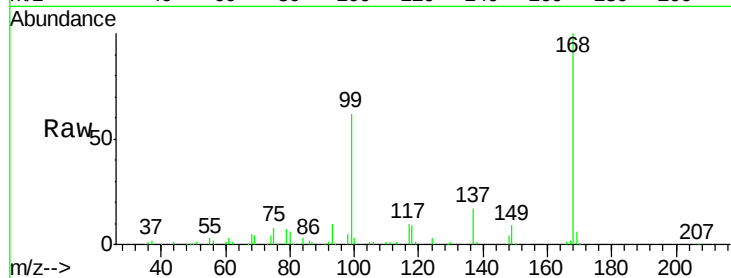
STORAGE-BLANK-SOIL-REF-5

Tot Ion:168 Resp: 178179

Ion Ratio Lower Upper

168 100

99 62.0 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

60000

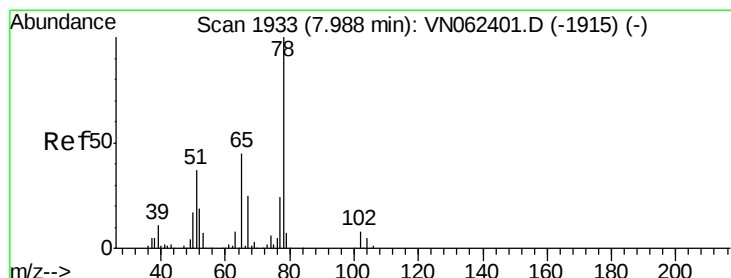
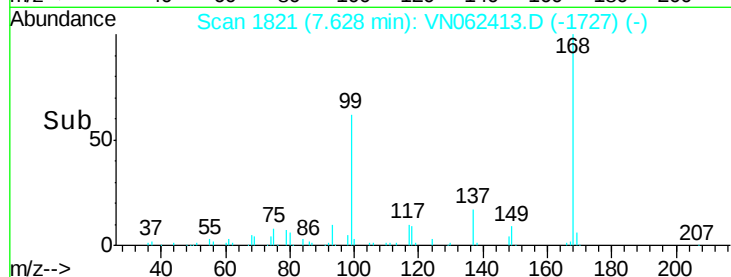
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.901 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062413.D

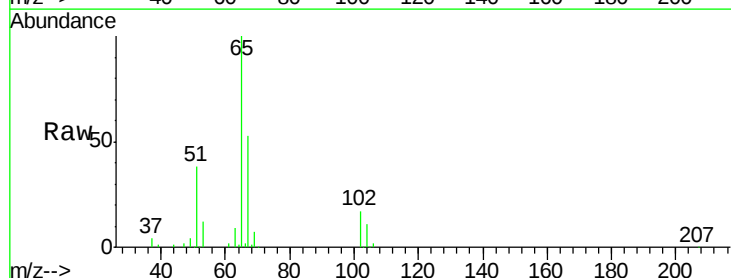
Acq: 8 Jul 2020 17:50

Tgt Ion: 65 Resp: 139499

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

60000

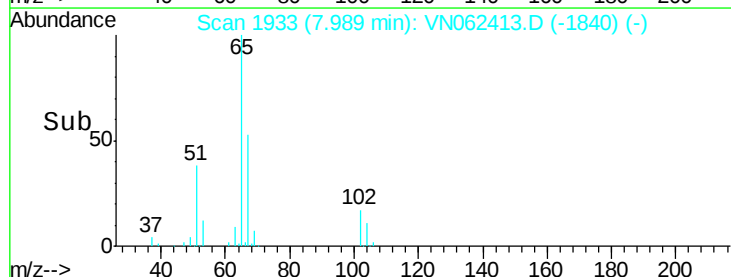
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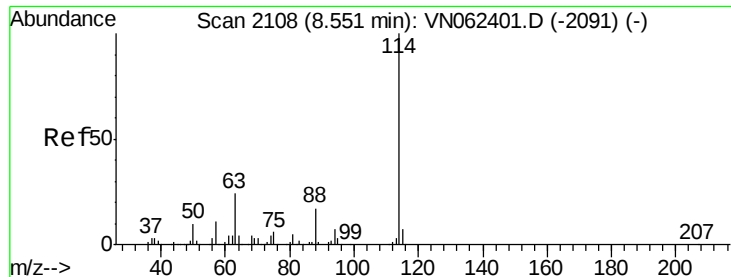
20000

0

7.90 8.00 8.10

Time-->

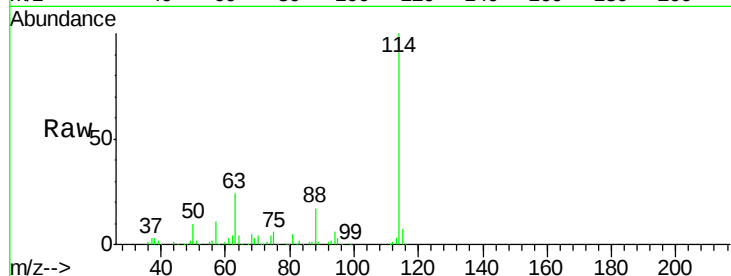




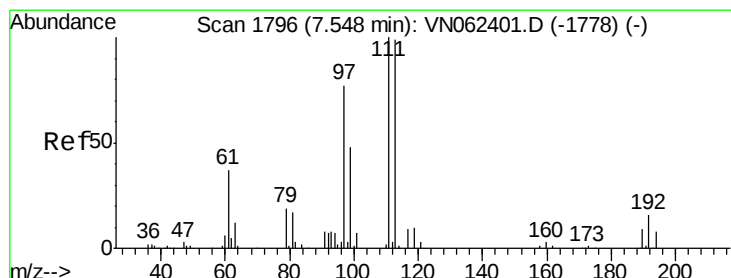
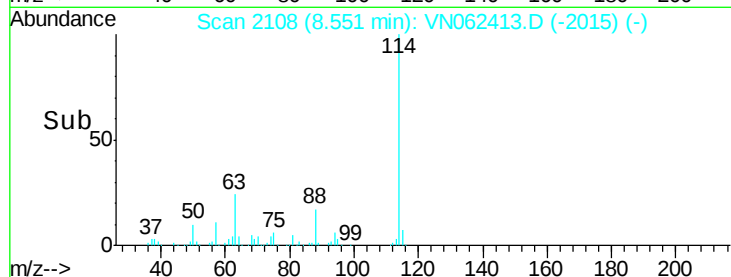
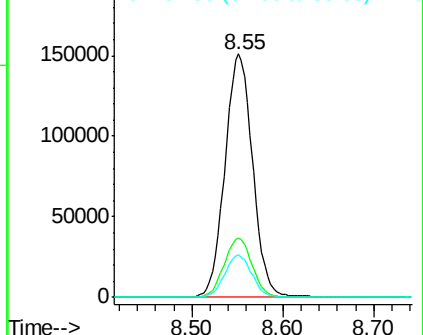
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062413.D
 Acq: 8 Jul 2020 17:50

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-5

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	48.4
88	17.3	0.0	33.8

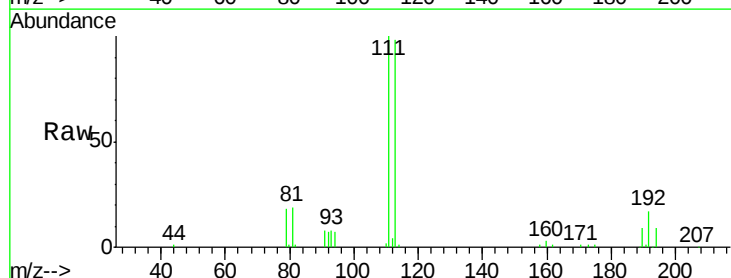


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

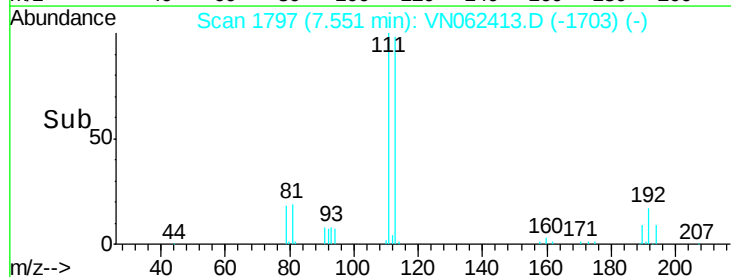
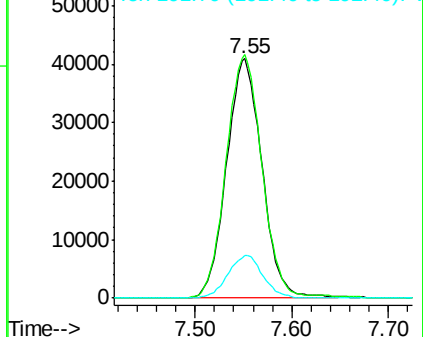


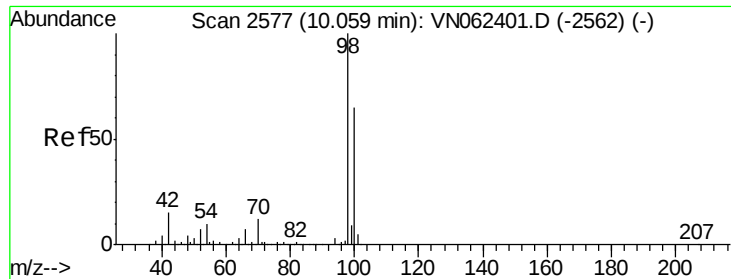
#35
 Dibromofluoromethane
 Concen: 52.760 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062413.D
 Acq: 8 Jul 2020 17:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.1	124.7
192	17.4	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





#50

Toluene-d8

Concen: 53.350 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062413.D

Acq: 8 Jul 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

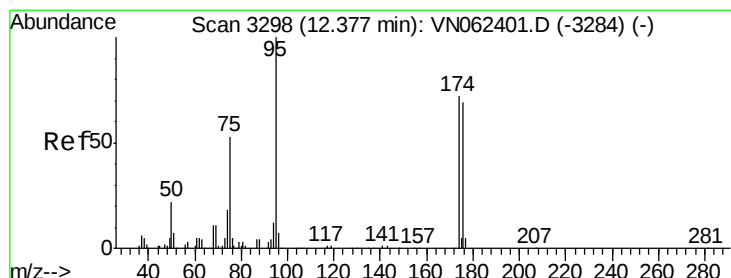
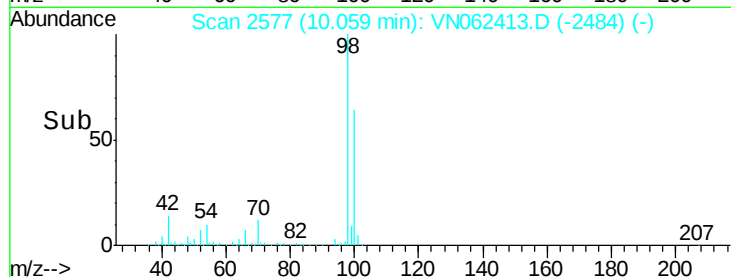
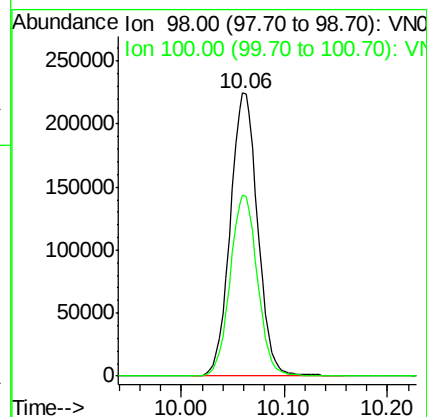
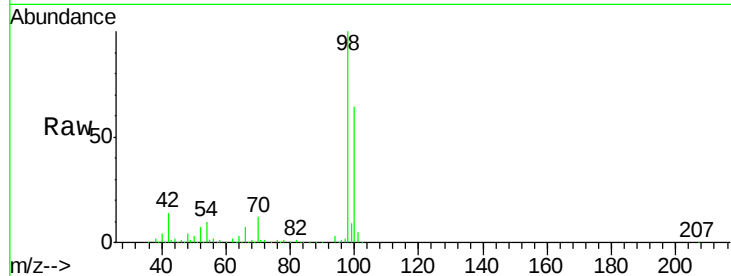
STORAGE-BLANK-SOIL-REF-5

Tot Ion: 98 Resp: 415931

Ion Ratio Lower Upper

98 100

100 63.8 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 51.850 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062413.D

Acq: 8 Jul 2020 17:50

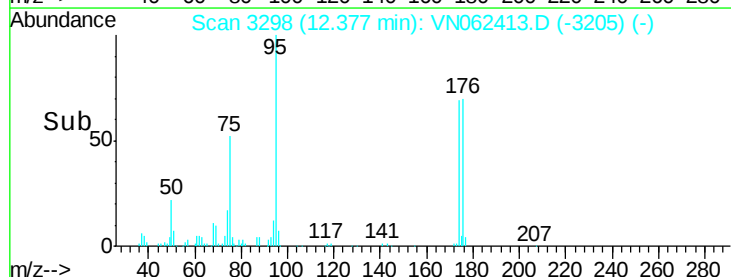
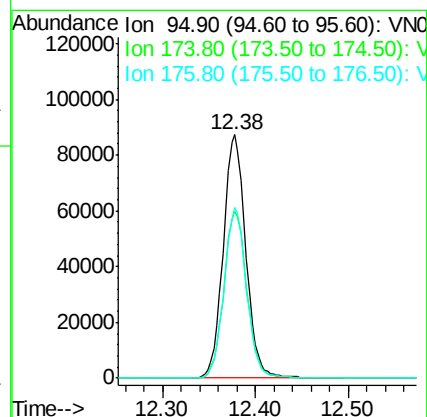
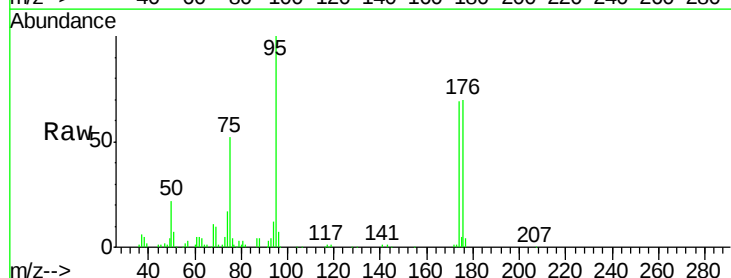
Tgt Ion: 95 Resp: 147720

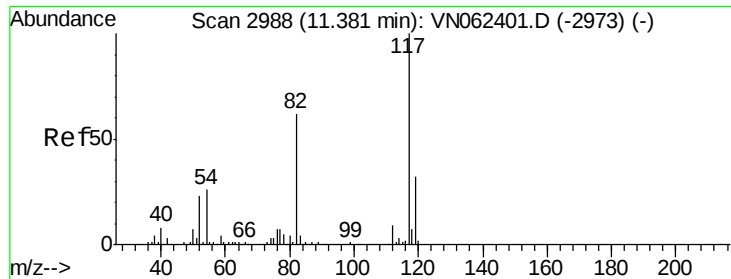
Ion Ratio Lower Upper

95 100

174 69.9 0.0 141.6

176 69.2 0.0 137.2

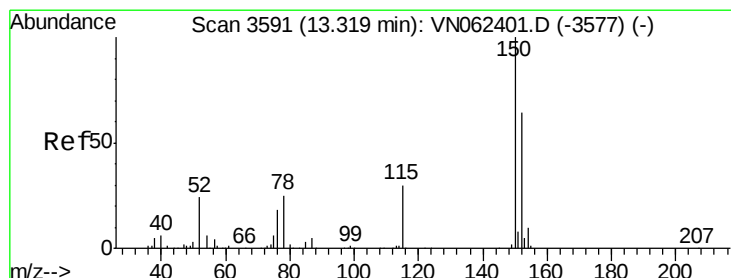
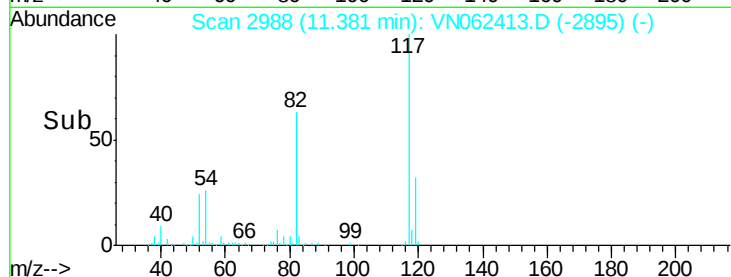
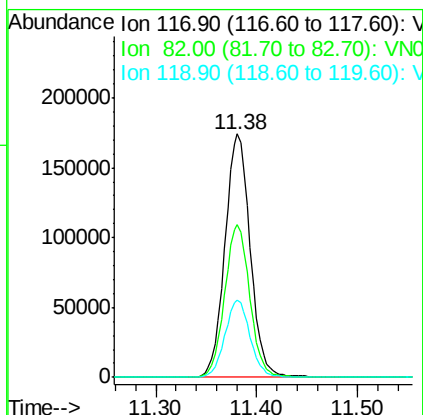
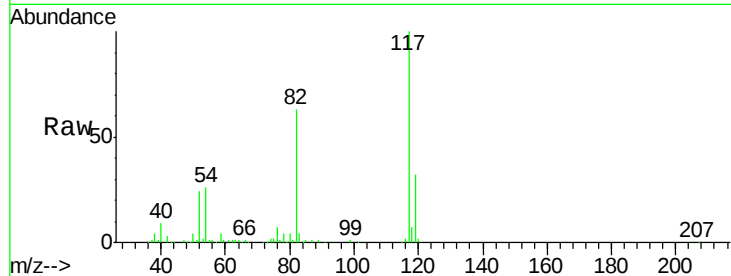




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062413.D
Acq: 8 Jul 2020 17:50

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-5

Tot Ion:117 Resp: 305417
Ion Ratio Lower Upper
117 100
82 62.8 49.6 74.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062413.D
Acq: 8 Jul 2020 17:50

Tgt Ion:152 Resp: 109697
Ion Ratio Lower Upper
152 100
115 63.6 31.4 94.2
150 157.2 0.0 347.4

