

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062414.D
 Acq On : 8 Jul 2020 18:14
 Operator : JC/MD
 Sample : L3229-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-4

Quant Time: Jul 09 02:49:48 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	177041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	320327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	307829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	111959	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	142486	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
35) Dibromofluoromethane	7.55	113	103135	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
50) Toluene-d8	10.06	98	413119	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
62) 4-Bromofluorobenzene	12.38	95	146804	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	

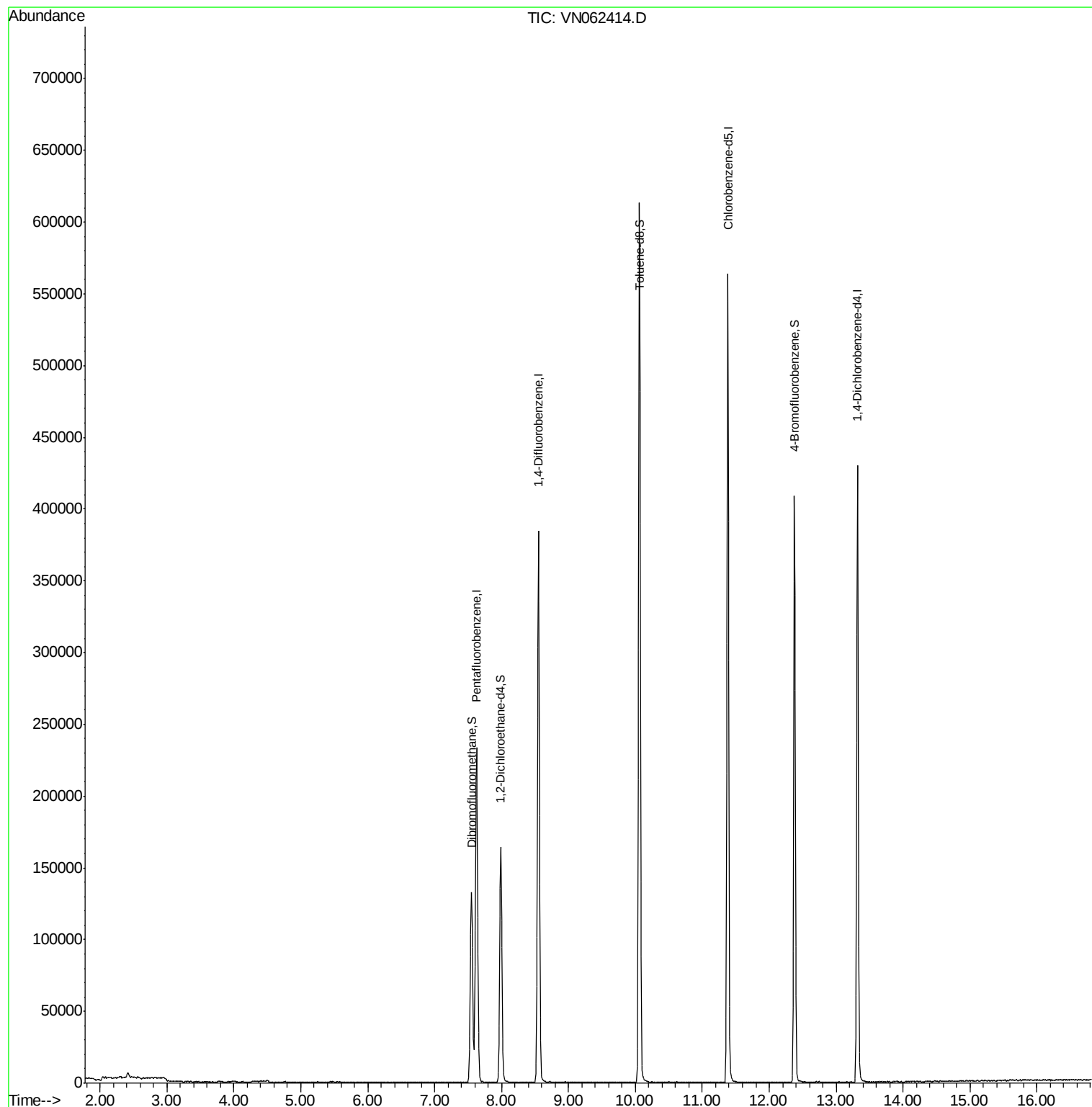
Target Compounds	Qvalue
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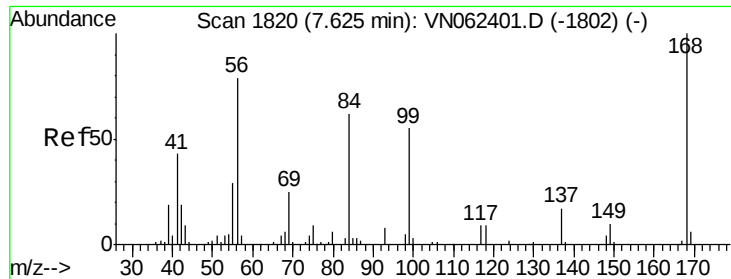
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN062414.D

Acq: 8 Jul 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

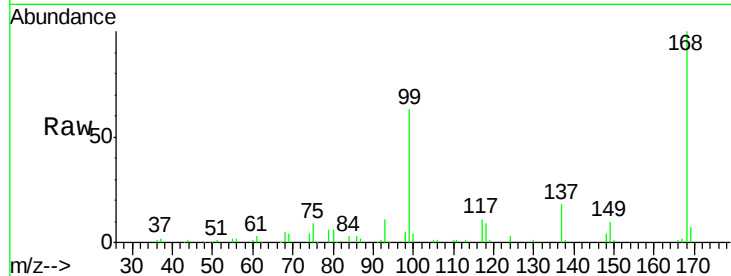
STORAGE-BLANK-SOIL-REF-4

Tot Ion:168 Resp: 177041

Ion Ratio Lower Upper

168 100

99 62.6 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

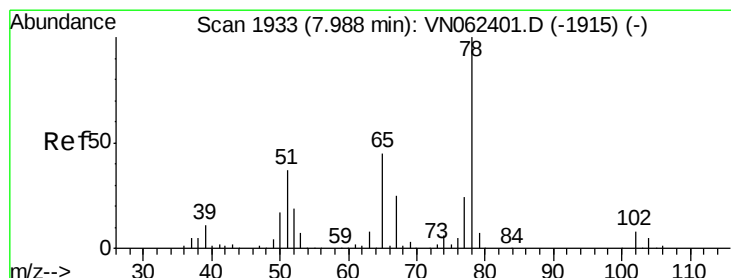
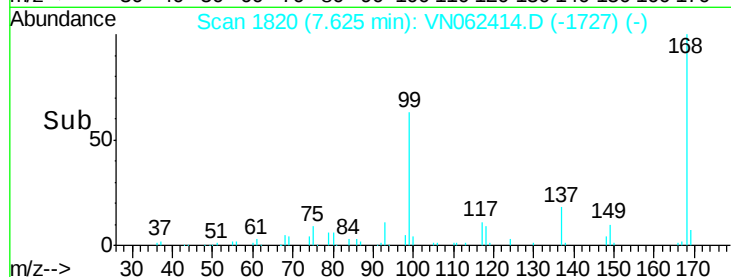
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.325 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062414.D

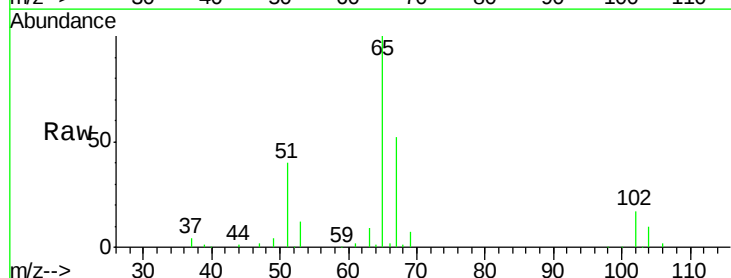
Acq: 8 Jul 2020 18:14

Tgt Ion: 65 Resp: 142486

Ion Ratio Lower Upper

65 100

67 53.2 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

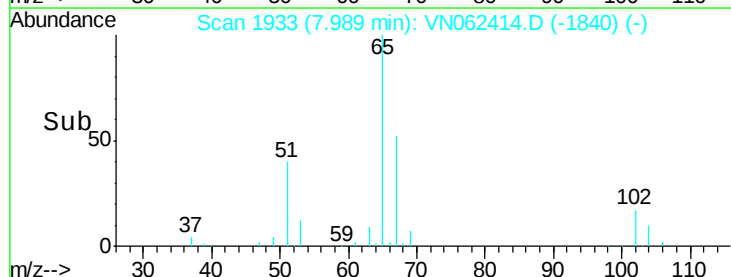
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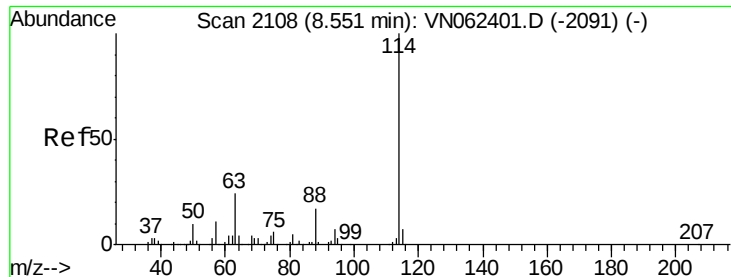
20000

0

7.90 8.00 8.10

Time-->

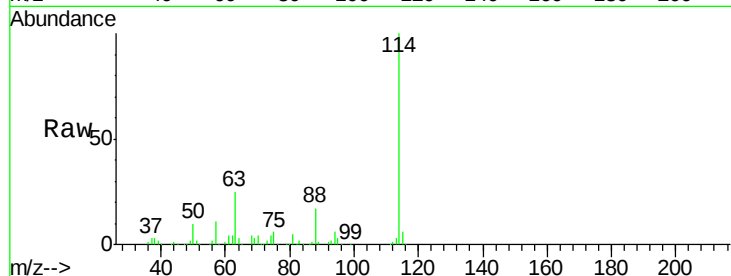




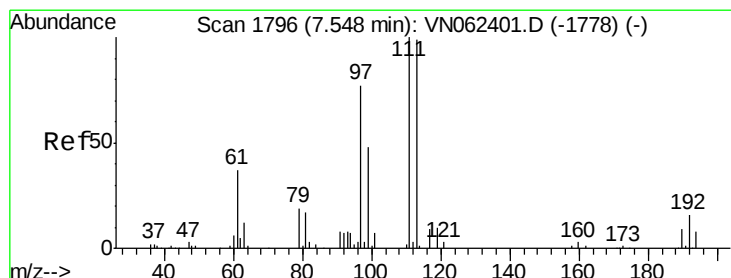
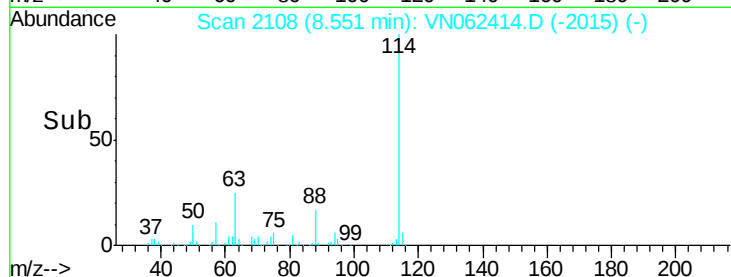
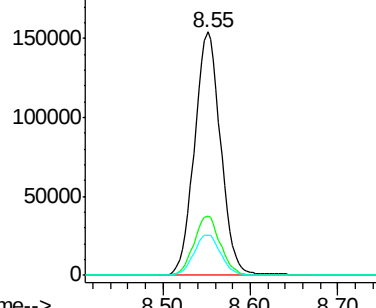
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN062414.D
Acq: 8 Jul 2020 18:14

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-4

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	48.4
88	16.7	0.0	33.8

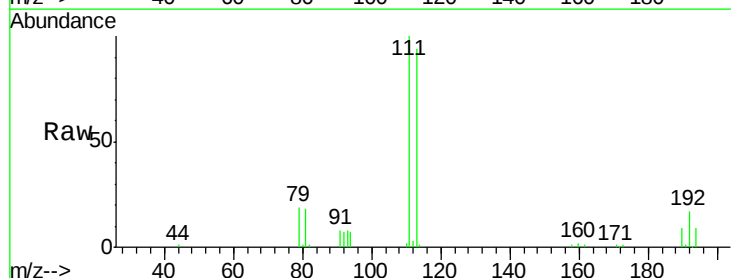


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

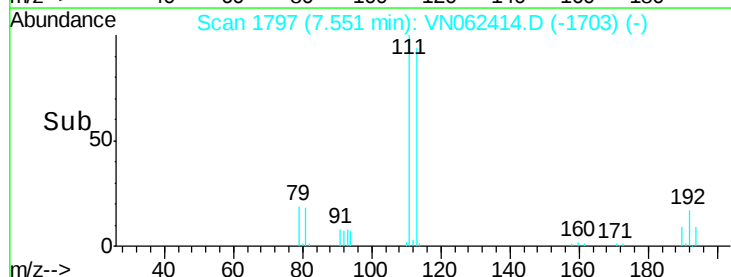
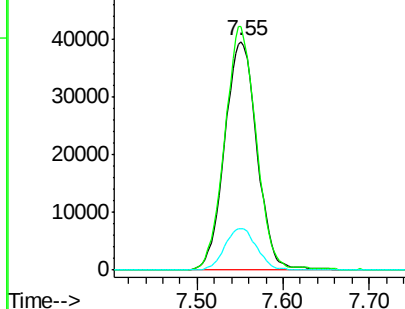


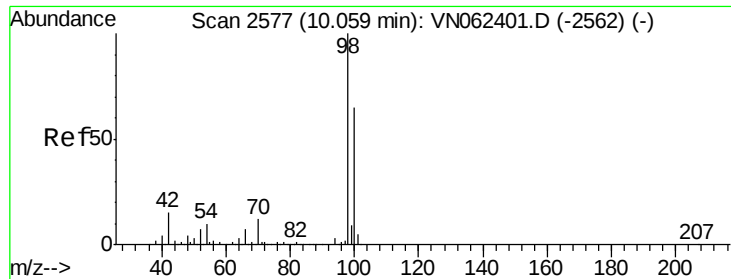
#35
Dibromofluoromethane
Concen: 52.087 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN062414.D
Acq: 8 Jul 2020 18:14

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	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





#50

Toluene-d8

Concen: 52.851 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062414.D

Acq: 8 Jul 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

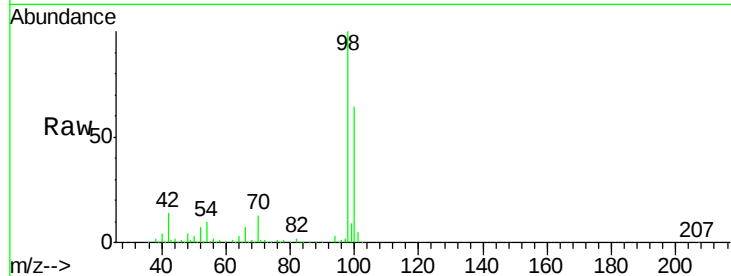
STORAGE-BLANK-SOIL-REF-4

Tot Ion: 98 Resp: 413119

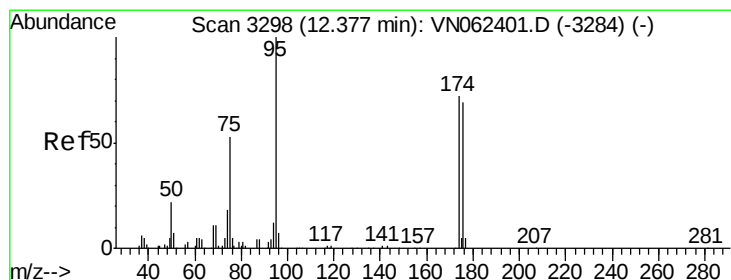
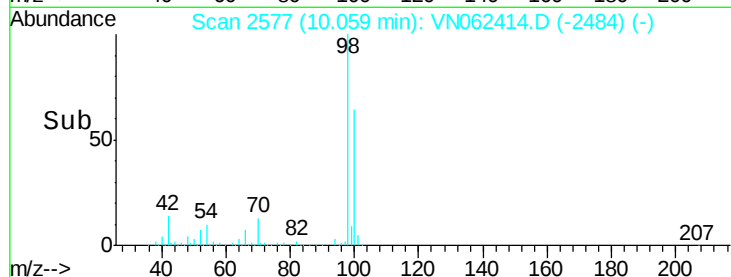
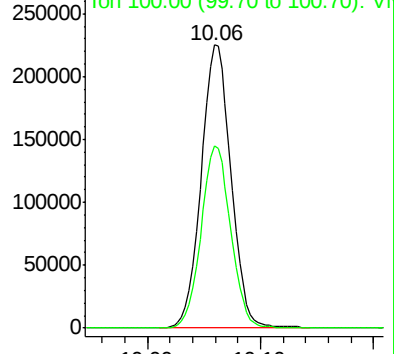
Ion Ratio Lower Upper

98 100

100 63.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN062414.D (-2484) (-)



#62

4-Bromofluorobenzene

Concen: 51.394 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062414.D

Acq: 8 Jul 2020 18:14

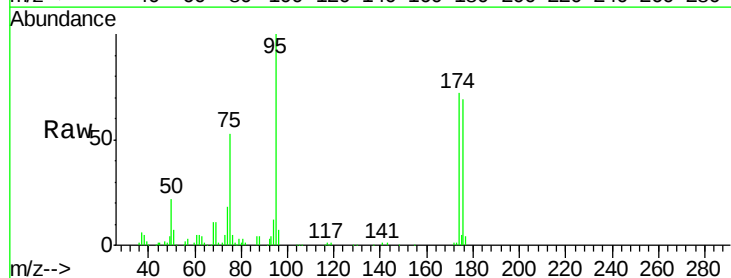
Tgt Ion: 95 Resp: 146804

Ion Ratio Lower Upper

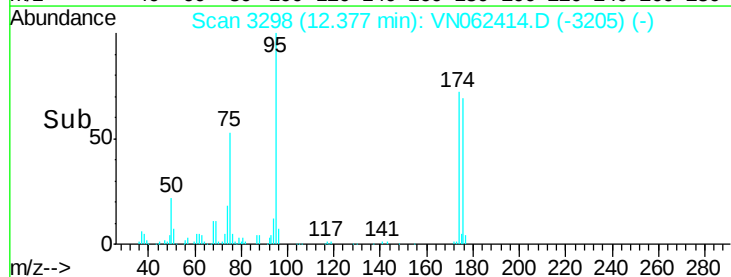
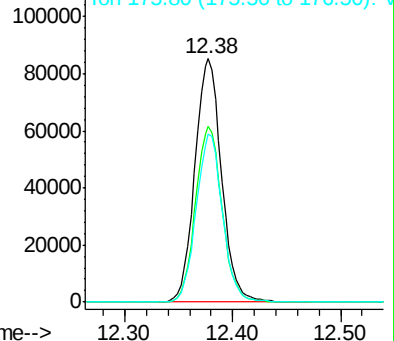
95 100

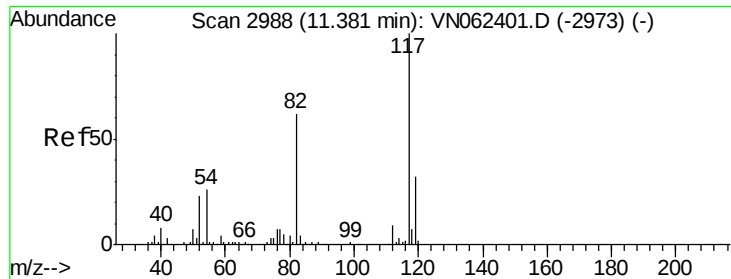
174 71.8 0.0 141.6

176 68.3 0.0 137.2



Abundance Ion 94.90 (94.60 to 95.60): VN062414.D (-3205) (-)

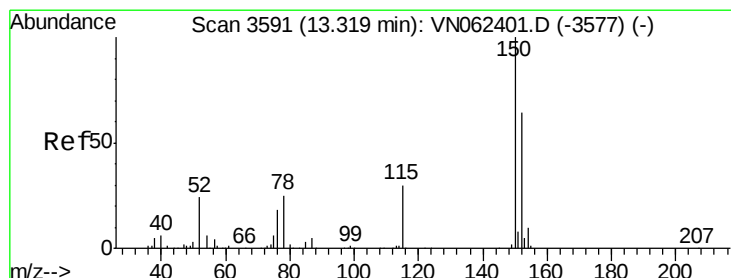
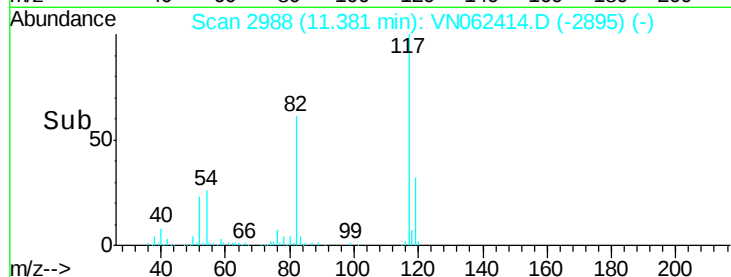
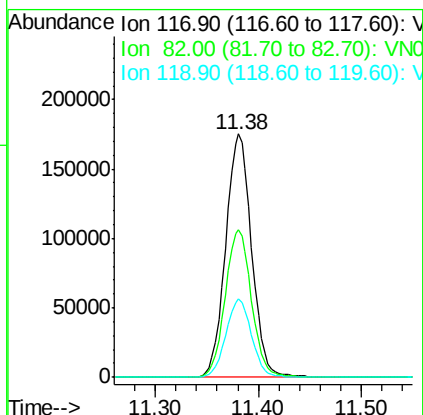
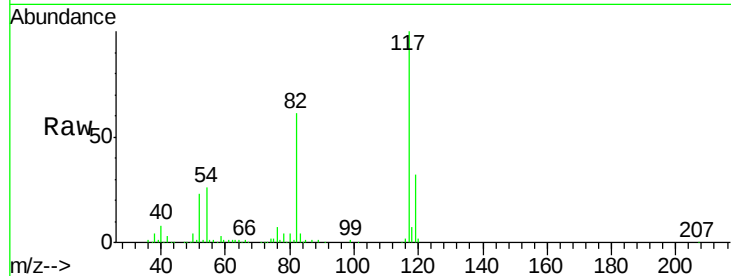




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062414.D
Acq: 8 Jul 2020 18:14

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-4

Tot Ion:117 Resp: 307829
Ion Ratio Lower Upper
117 100
82 60.5 49.6 74.4
119 32.2 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: VN062414.D
Acq: 8 Jul 2020 18:14

Tgt Ion:152 Resp: 111959
Ion Ratio Lower Upper
152 100
115 62.9 31.4 94.2
150 155.4 0.0 347.4

