

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090220\
 Data File : VN063202.D
 Acq On : 2 Sep 2020 18:16
 Operator : JC/MD
 Sample : L3878-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Z4-IDW-SOIL-0820

Quant Time: Sep 03 02:40:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

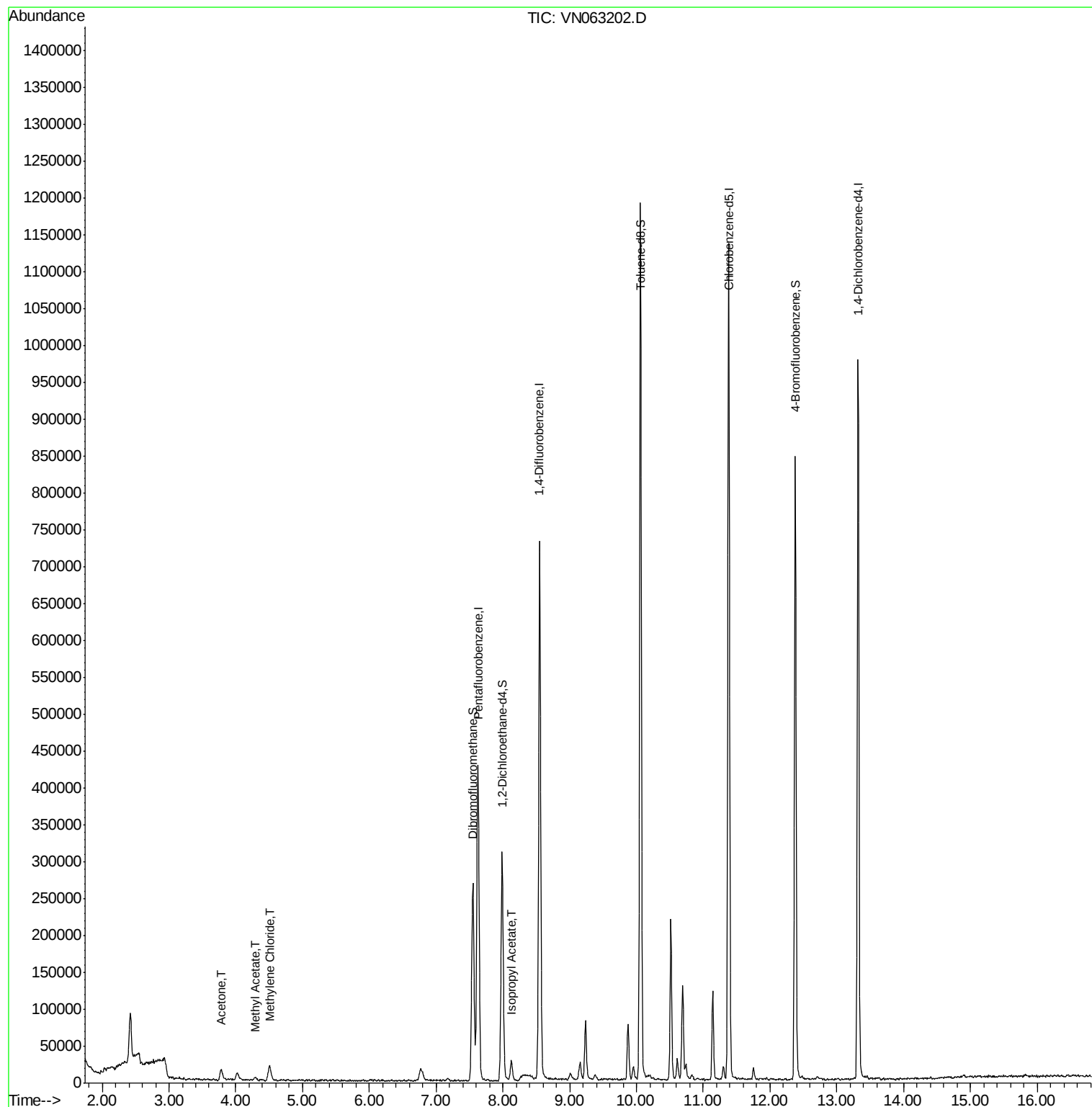
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	316818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	630856	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	620586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	243524	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	259056	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
35) Dibromofluoromethane	7.55	113	195384	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
50) Toluene-d8	10.06	98	777271	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.38	95	275675	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
Target Compounds						
16) Acetone	3.78	43	26677	18.120	ug/l	91
18) Methyl Acetate	4.29	43	6377	1.689	ug/l #	55
20) Methylene Chloride	4.51	84	13476	2.791	ug/l	97
43) Isopropyl Acetate	8.13	43	31380	3.173	ug/l	93

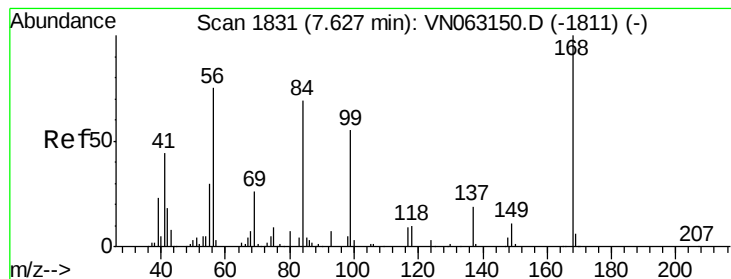
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090220\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063202.D

Acq: 2 Sep 2020 18:16

Instrument :

MSVOA_N

ClientSampleId :

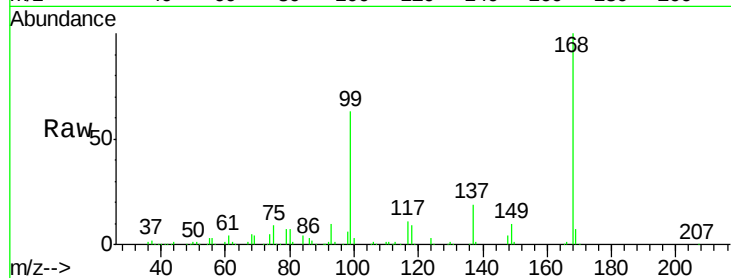
Z4-IDW-SOIL-0820

Tot Ion:168 Resp: 316818

Ion Ratio Lower Upper

168 100

99 63.1 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

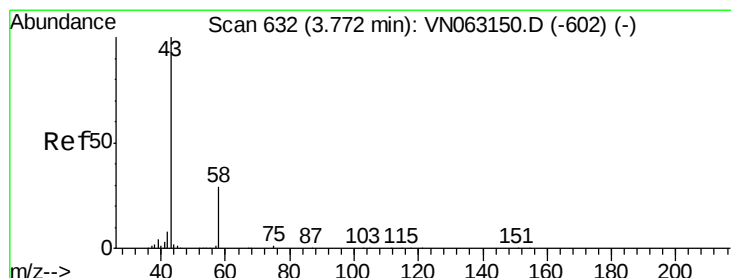
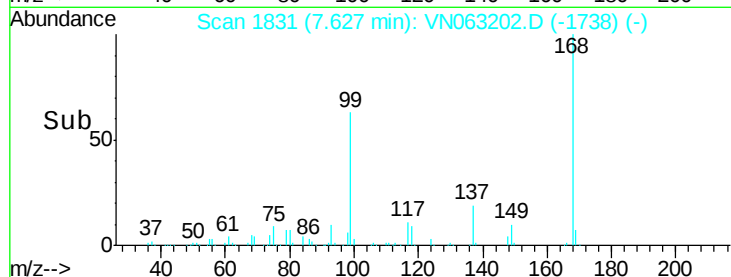
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 18.120 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063202.D

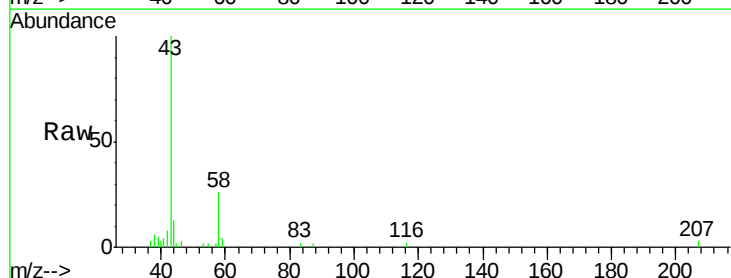
Acq: 2 Sep 2020 18:16

Tgt Ion: 43 Resp: 26677

Ion Ratio Lower Upper

43 100

58 24.3 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

10000

8000

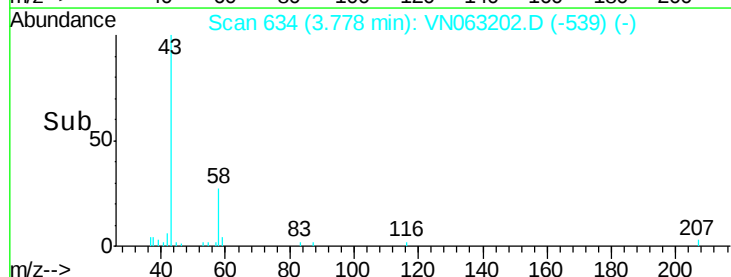
6000

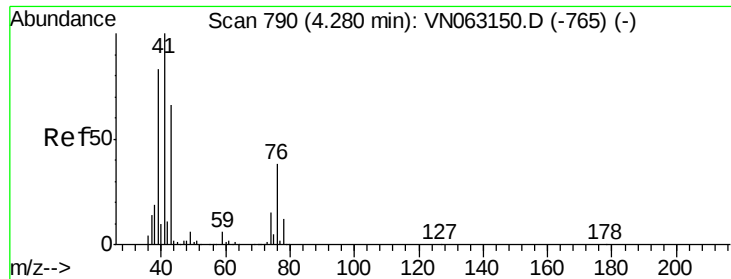
4000

2000

0

Time--> 3.70 3.75 3.80 3.85

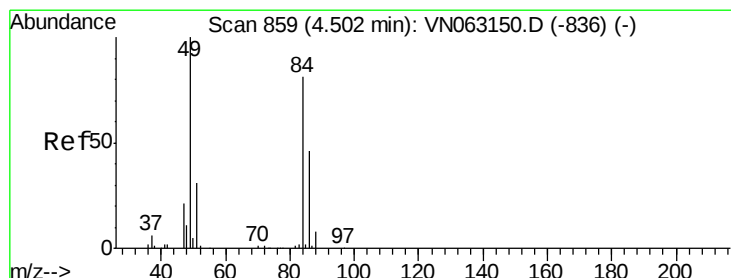
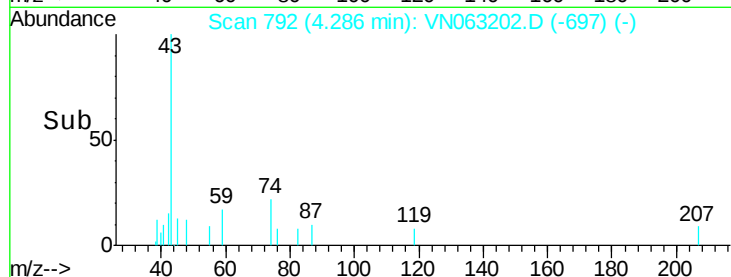
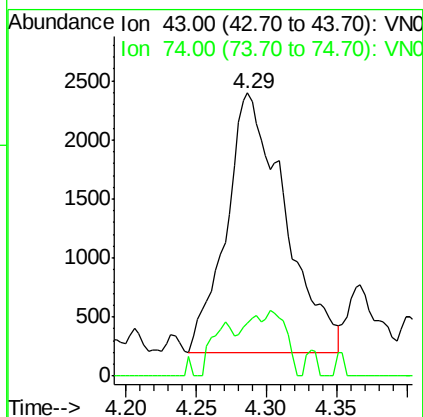
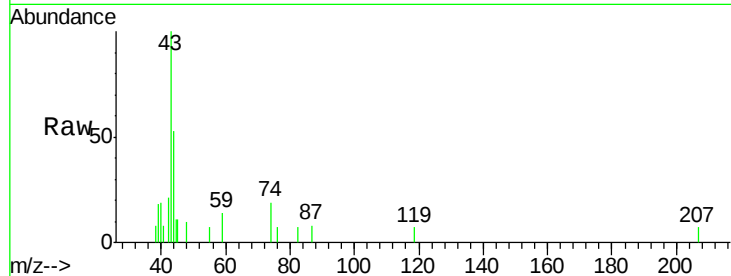




#18
Methvl Acetate
Concen: 1.689 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN063202.D
Acq: 2 Sep 2020 18:16

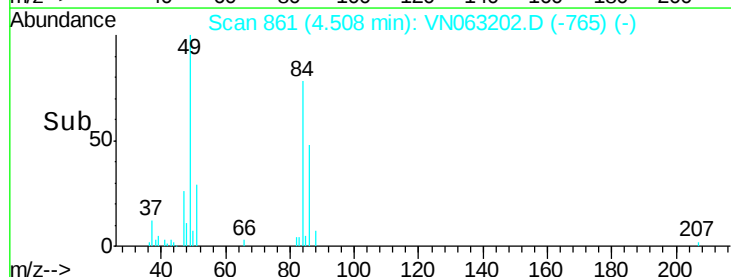
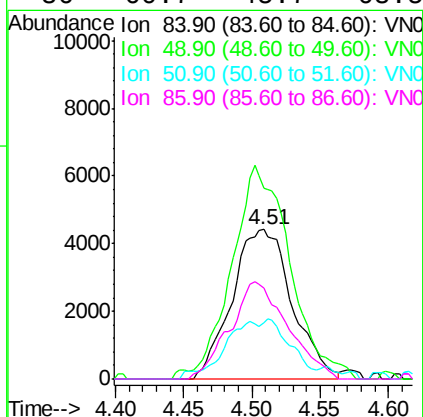
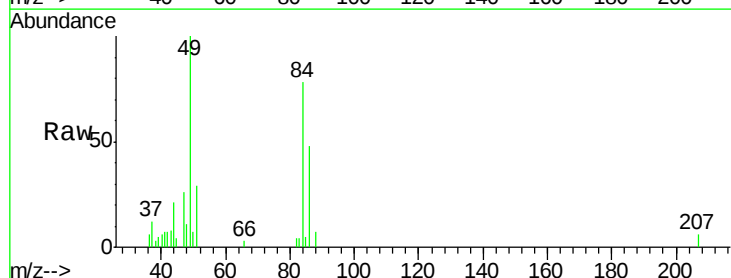
Instrument :
MSVOA_N
ClientSampleId :
Z4-IDW-SOIL-0820

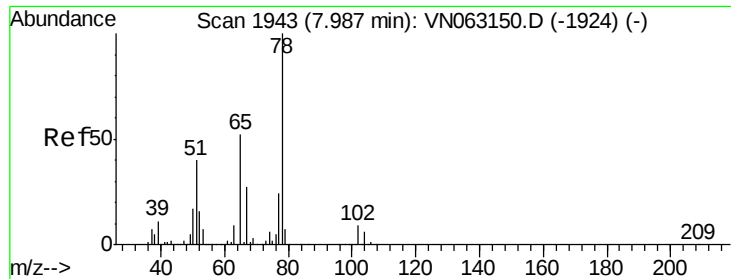
Tot Ion: 43 Resp: 6377
Ion Ratio Lower Upper
43 100
74 1.9 19.0 28.6#



#20
Methylene Chloride
Concen: 2.791 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063202.D
Acq: 2 Sep 2020 18:16

Tgt Ion: 84 Resp: 13476
Ion Ratio Lower Upper
84 100
49 122.3 98.4 147.6
51 33.5 30.4 45.6
86 60.7 45.7 68.5

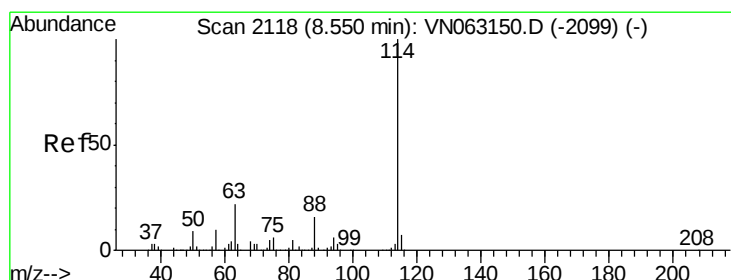
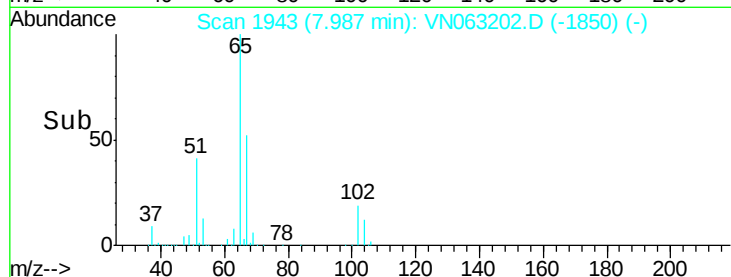
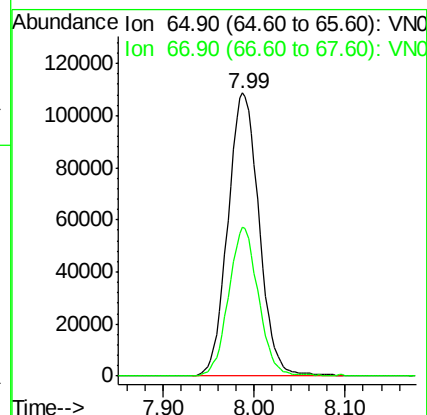
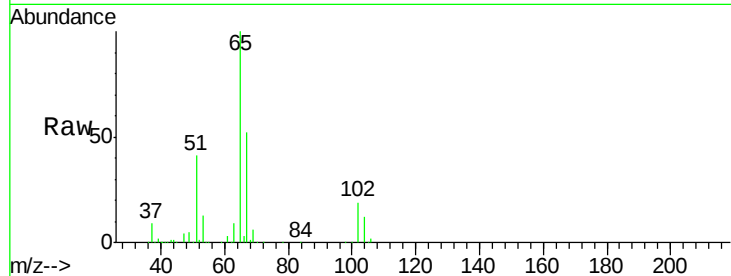




#33
 1,2-Dichloroethane-d4
 Concen: 50.020 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063202.D
 Acq: 2 Sep 2020 18:16

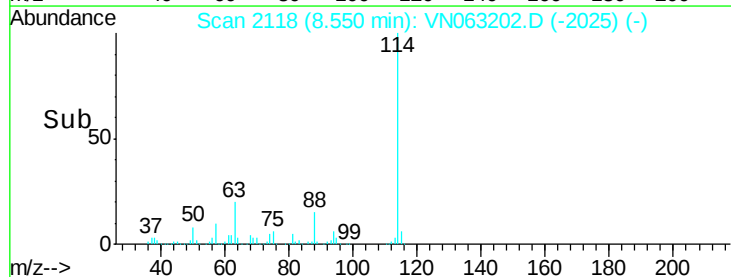
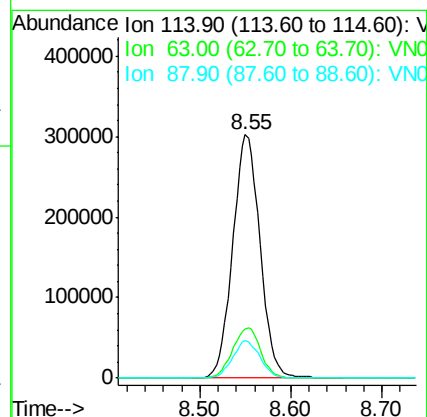
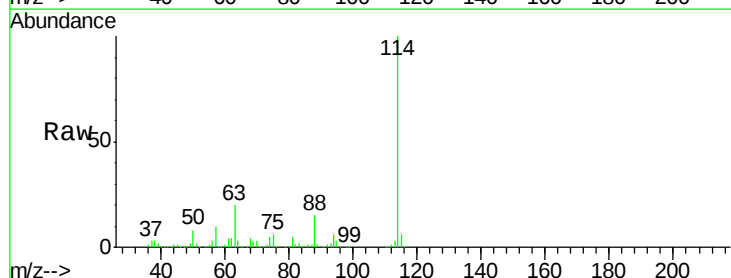
Instrument :
 MSVOA_N
 ClientSampleId :
 Z4-IDW-SOIL-0820

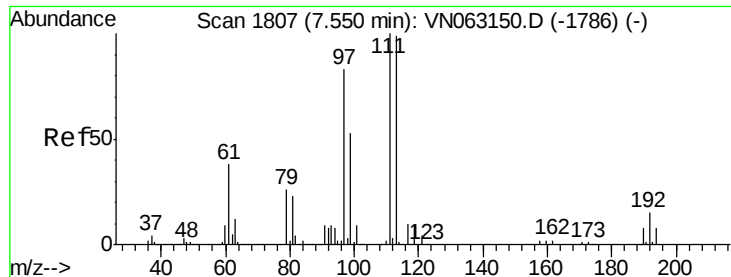
Tot Ion: 65 Resp: 259056
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063202.D
 Acq: 2 Sep 2020 18:16

Tgt Ion: 114 Resp: 630856
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 43.0
 88 15.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.276 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063202.D

Acq: 2 Sep 2020 18:16

Instrument :

MSVOA_N

ClientSampleId :

Z4-IDW-SOIL-0820

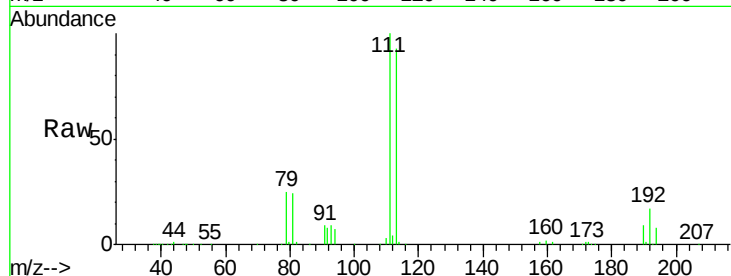
Tot Ion:113 Resp: 195384

Ion Ratio Lower Upper

113 100

111 104.6 80.7 121.1

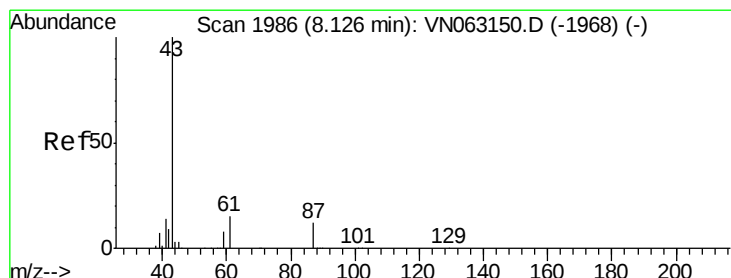
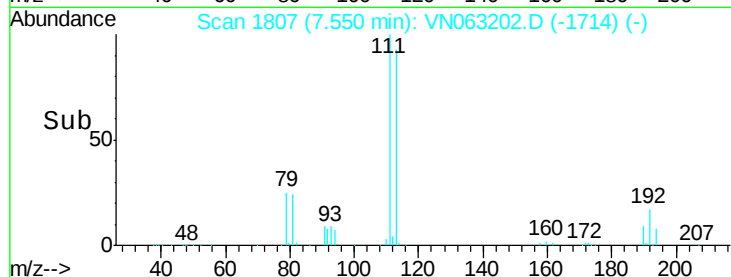
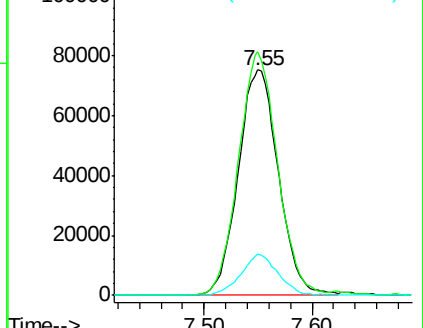
192 16.6 12.6 19.0



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: 3.173 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063202.D

Acq: 2 Sep 2020 18:16

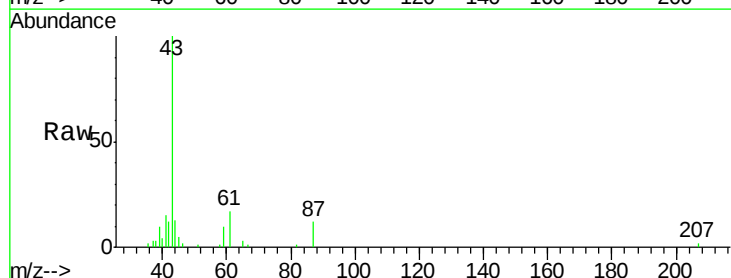
Tgt Ion: 43 Resp: 31380

Ion Ratio Lower Upper

43 100

61 20.4 20.2 30.4

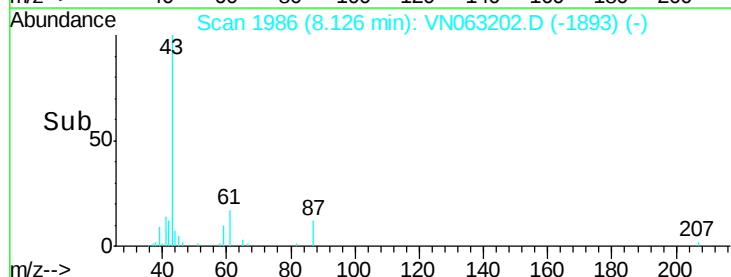
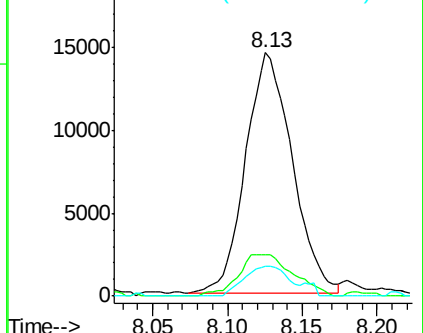
87 11.7 9.8 14.6

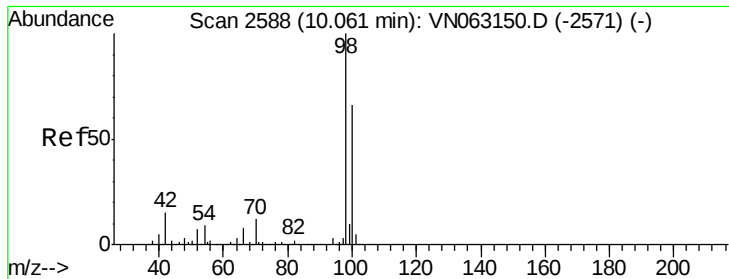


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 49.896 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063202.D

Acq: 2 Sep 2020 18:16

Instrument :

MSVOA_N

ClientSampleId :

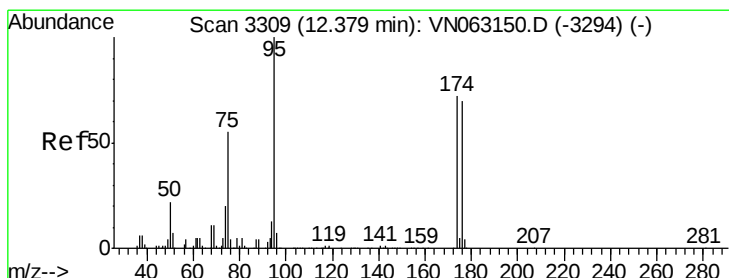
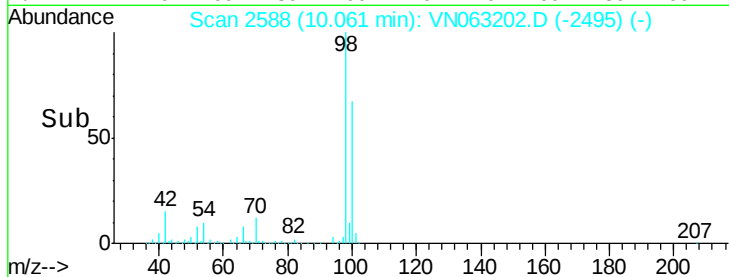
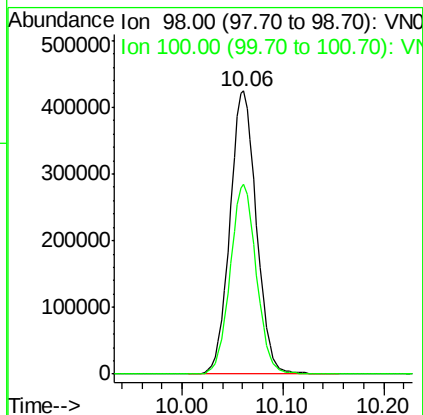
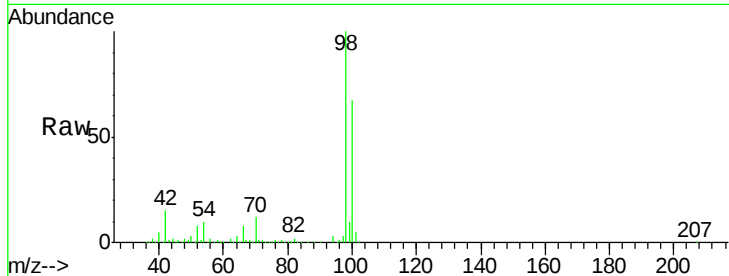
Z4-IDW-SOIL-0820

Tot Ion: 98 Resp: 777271

Ion Ratio Lower Upper

98 100

100 66.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 50.590 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063202.D

Acq: 2 Sep 2020 18:16

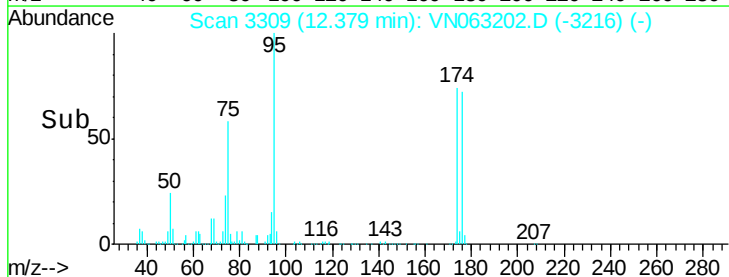
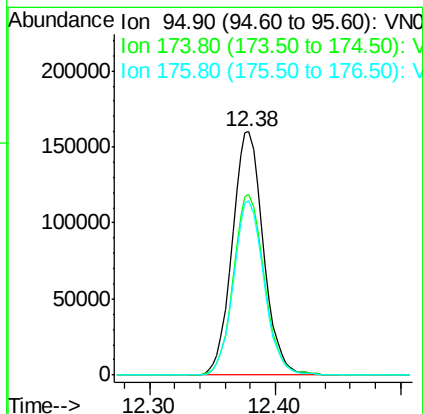
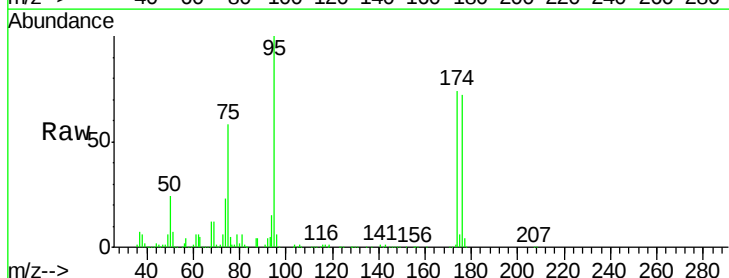
Tgt Ion: 95 Resp: 275675

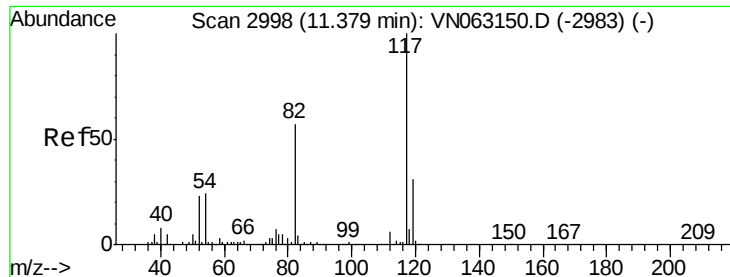
Ion Ratio Lower Upper

95 100

174 74.0 0.0 143.8

176 70.5 0.0 138.4

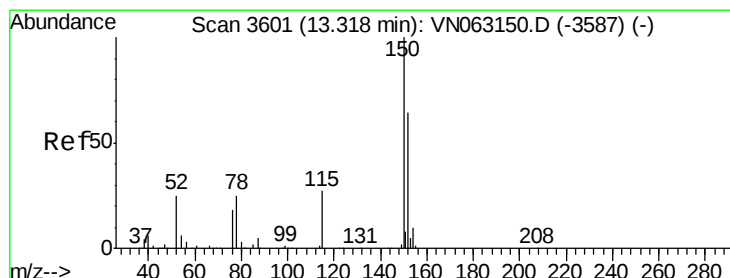
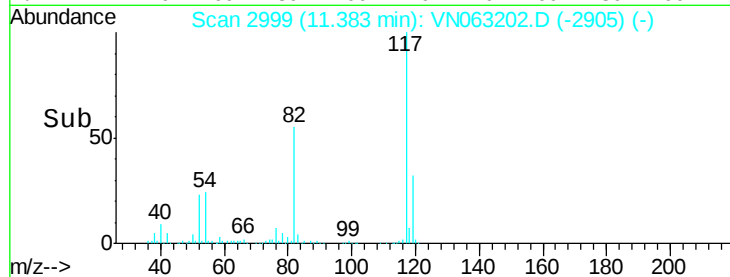
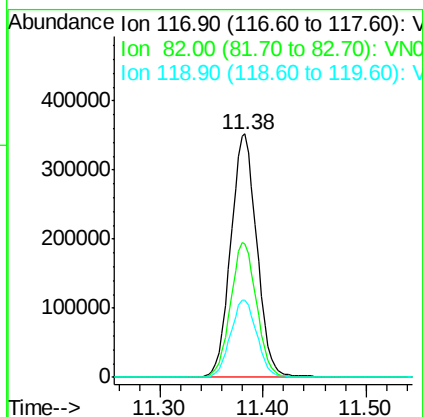
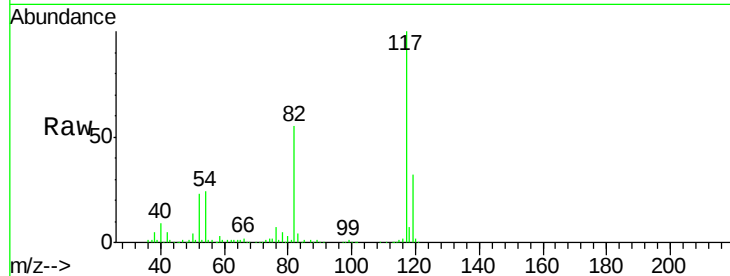




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN063202.D
Acq: 2 Sep 2020 18:16

Instrument :
MSVOA_N
ClientSampleId :
Z4-IDW-SOIL-0820

Tot Ion:117 Resp: 620586
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.0
119 31.7 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063202.D
Acq: 2 Sep 2020 18:16

Tgt Ion:152 Resp: 243524
Ion Ratio Lower Upper
152 100
115 60.7 32.0 96.2
150 157.4 0.0 353.0

