

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063798.D
 Acq On : 2 Oct 2020 2:55
 Operator : JC/MD
 Sample : L4194-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CG-SOIL

Manual Integrations
 APPROVED

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 10/2/2020 3:12:08 PM

Quant Time: Oct 02 04:44:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	214841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	408994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	418432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	170839	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	190258	53.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.20%	
35) Dibromofluoromethane	7.55	113	134347	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
50) Toluene-d8	10.06	98	524184	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	12.38	95	204701	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
Target Compounds						
16) Acetone	3.78	43	16842	15.415	ug/l	96
18) Methyl Acetate	4.29	43	3390m	1.195	ug/l	
20) Methylene Chloride	4.51	84	11559	4.708	ug/l	84
43) Isopropyl Acetate	8.13	43	81674	12.028	ug/l	99

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

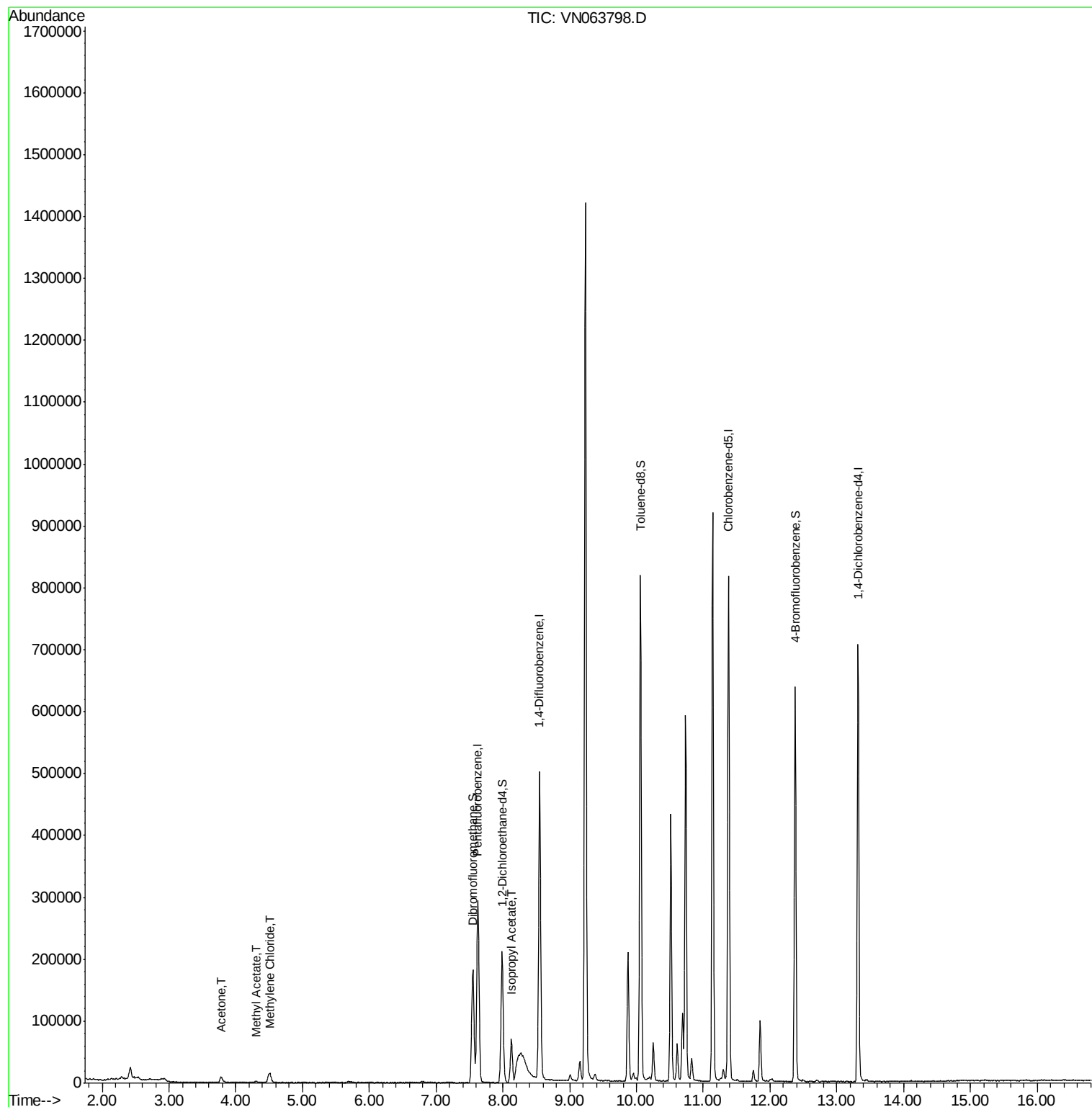
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100120\
Data File : VN063798.D
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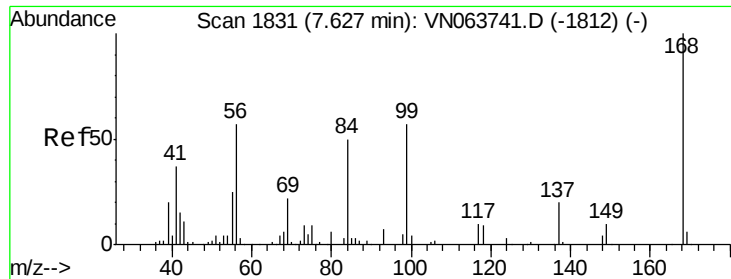
Instrument :
MSVOA_N
ClientSampleId :
CG-SOIL

Manual Integrations
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Quant Time: Oct 02 04:44:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
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: VN063798.D

Acq: 2 Oct 2020 2:55

Instrument :

MSVOA_N

ClientSampleId :

CG-SOIL

Tot Ion:168 Resp: 214841

Ion Ratio Lower Upper

168 100

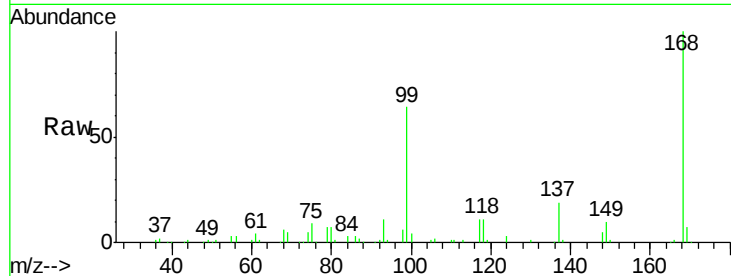
99 64.2 51.8 77.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

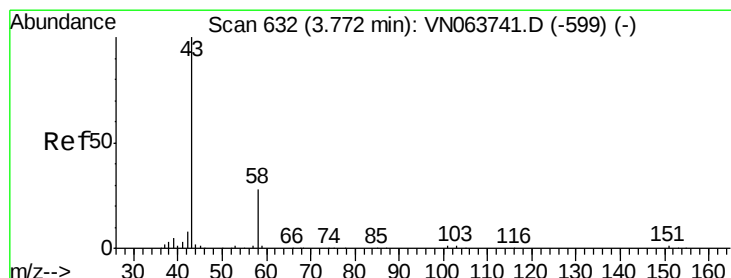
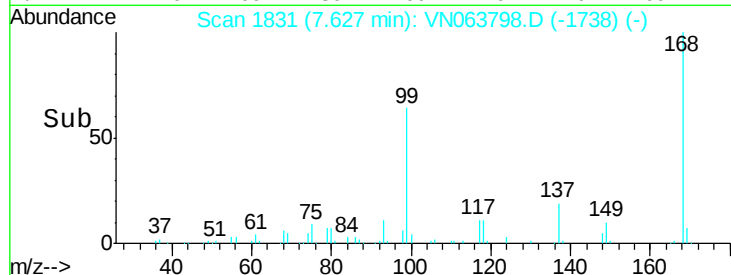
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 15.415 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063798.D

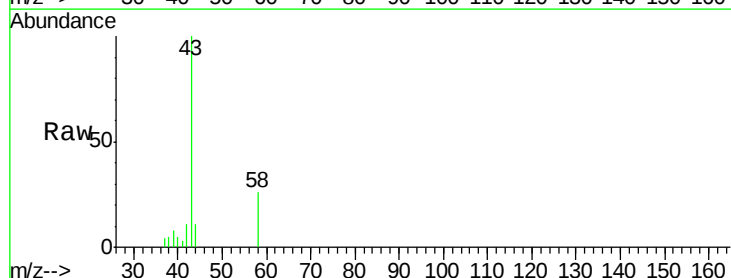
Acq: 2 Oct 2020 2:55

Tgt Ion: 43 Resp: 16842

Ion Ratio Lower Upper

43 100

58 26.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

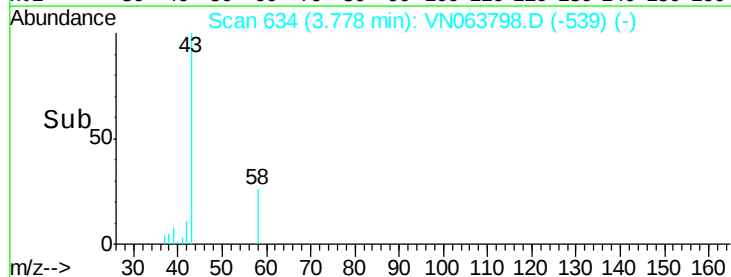
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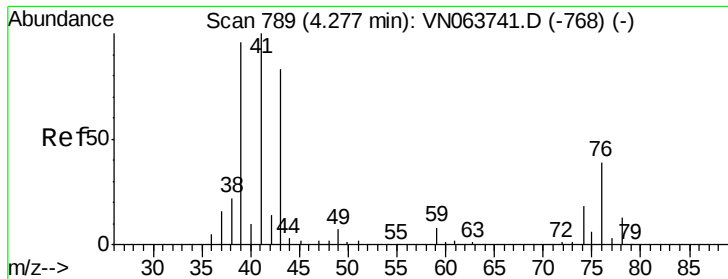
4000

2000

0

Time--> 3.70 3.75 3.80 3.85 3.90





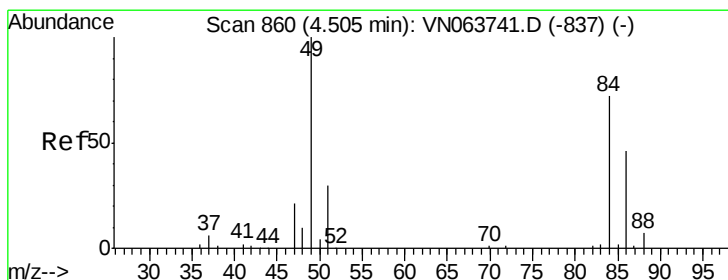
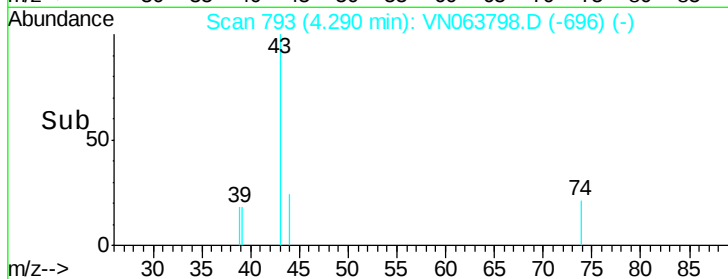
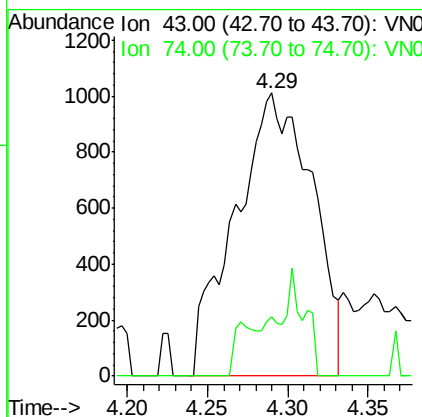
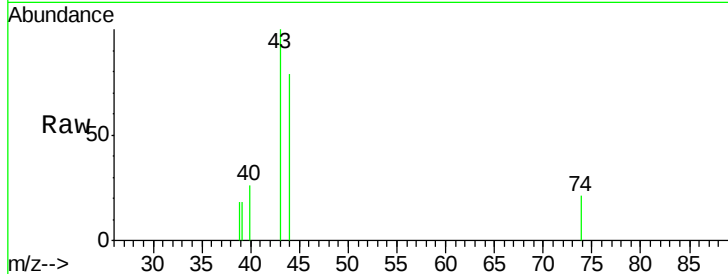
#18
Methvl Acetate
Concen: 1.195 ug/l m
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN063798.D
Acq: 2 Oct 2020 2:55

Instrument :
MSVOA_N
ClientSampled :
CG-SOIL

Tot Ion: 43 Resp: 3390
Ion Ratio Lower Upper
43 100
74 4.4 17.4 26.2#

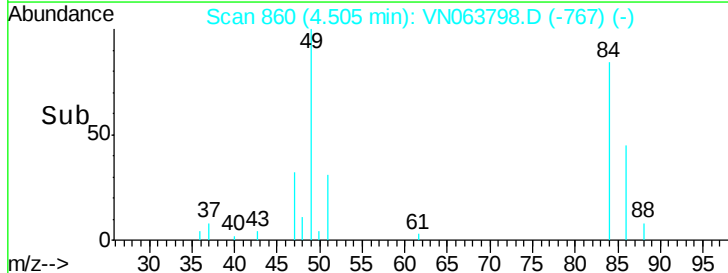
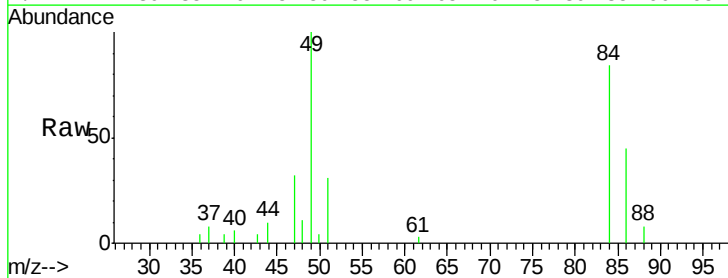
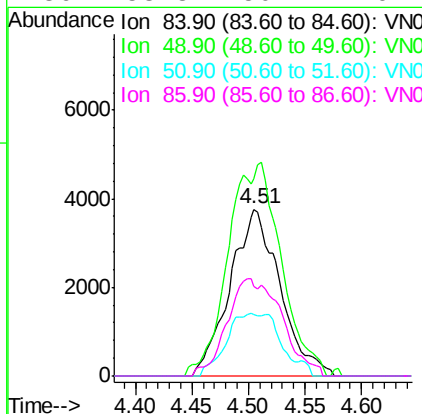
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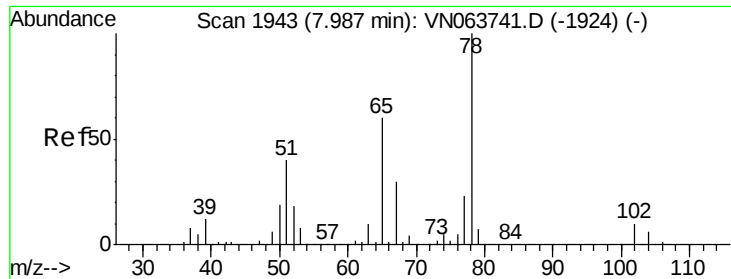
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#20
Methylene Chloride
Concen: 4.708 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063798.D
Acq: 2 Oct 2020 2:55

Tgt Ion: 84 Resp: 11559
Ion Ratio Lower Upper
84 100
49 114.3 110.4 165.6
51 36.5 33.3 49.9
86 53.8 50.7 76.1





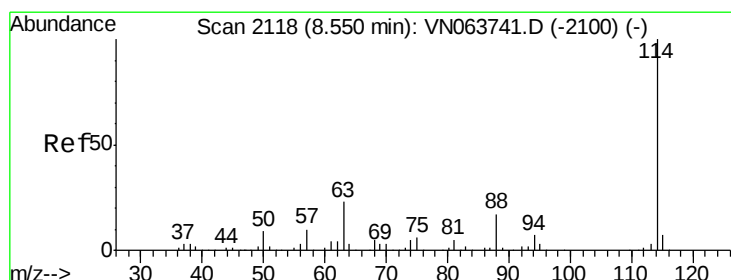
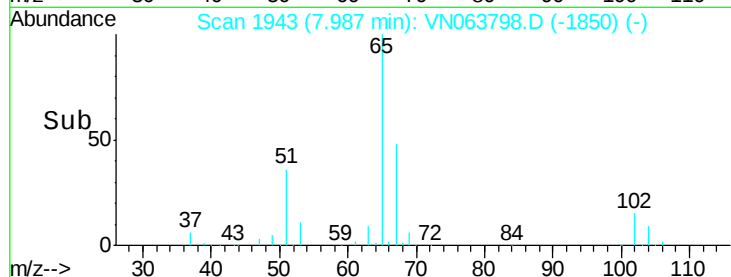
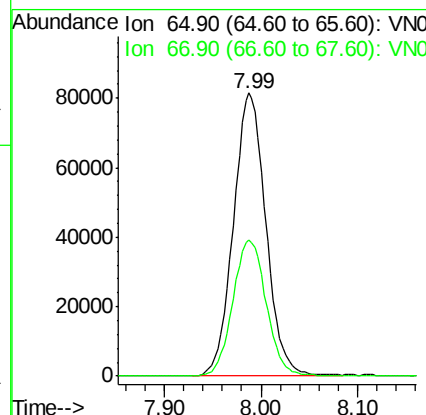
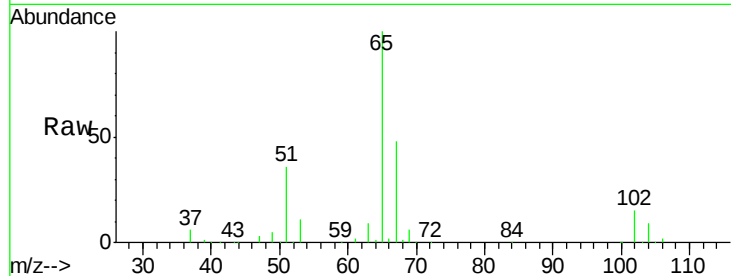
#33
 1,2-Dichloroethane-d4
 Concen: 53.604 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063798.D
 Acq: 2 Oct 2020 2:55

Instrument :
 MSVOA_N
 ClientSampleId :
 CG-SOIL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	190258		
67	49.4	0.0	99.6	

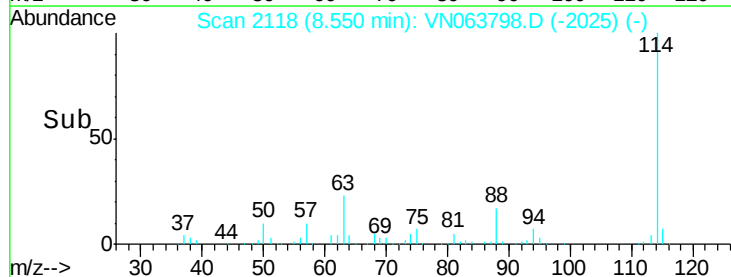
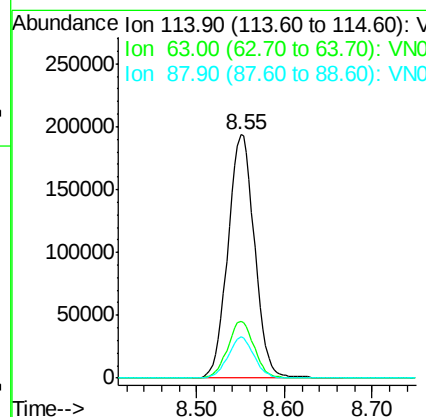
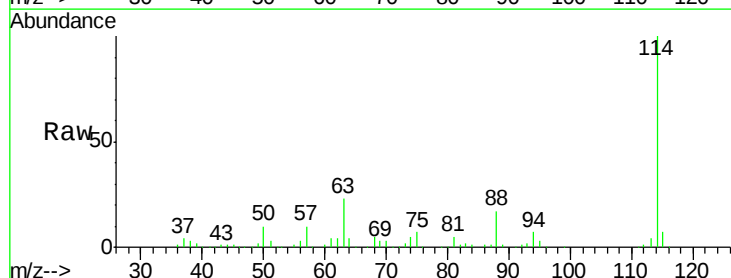
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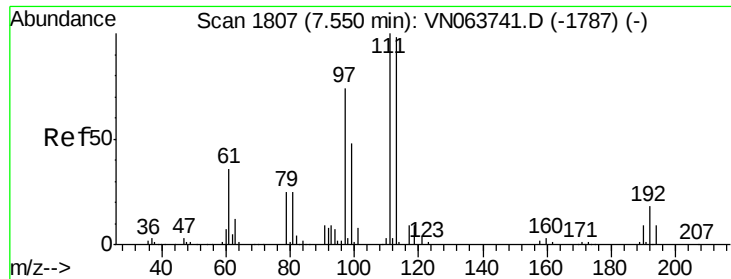
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063798.D
 Acq: 2 Oct 2020 2:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	408994		
63	23.4	0.0	45.0	
88	16.9	0.0	34.0	





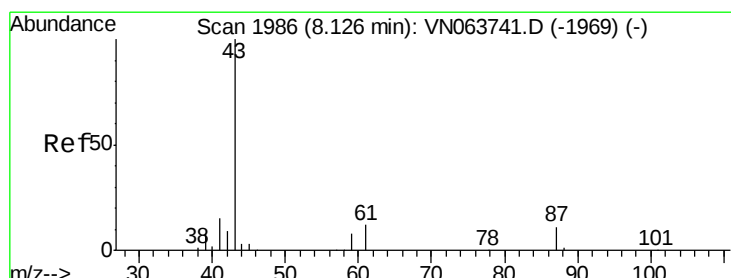
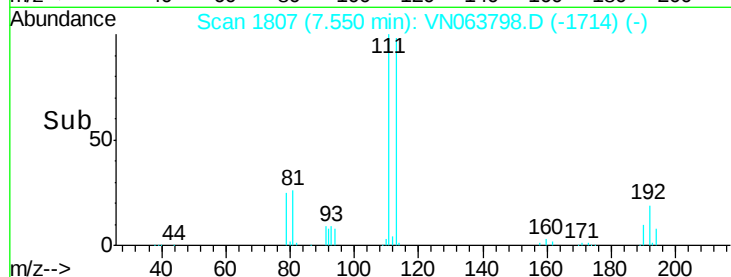
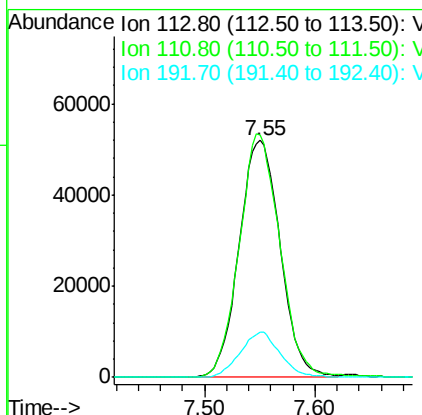
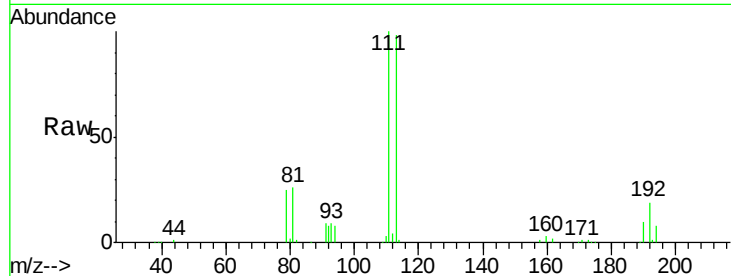
#35
 Dibromofluoromethane
 Concen: 47.340 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063798.D
 Acq: 2 Oct 2020 2:55

Instrument :
 MSVOA_N
 ClientSampleId :
 CG-SOIL

Tot Ion	Ratio	Resp	Lower	Upper
113	100	134347		
111	101.7	81.8	122.8	
192	18.6	14.2	21.2	

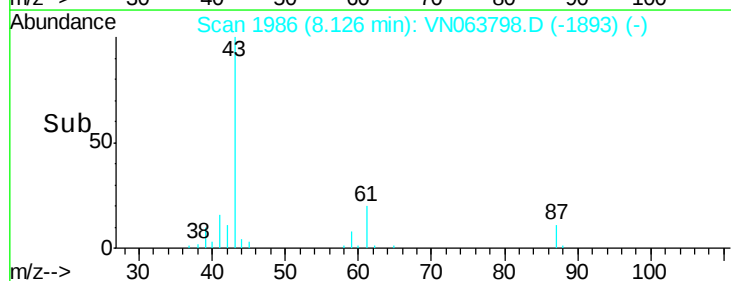
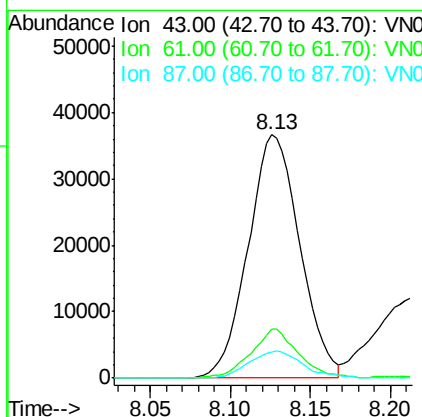
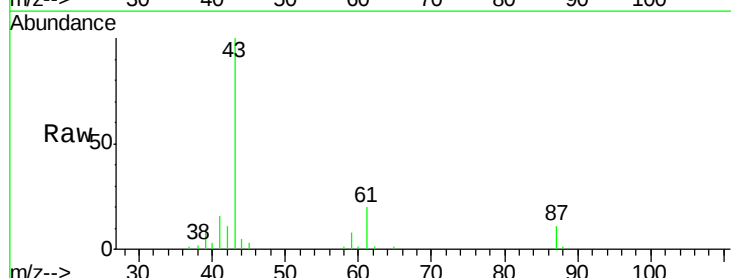
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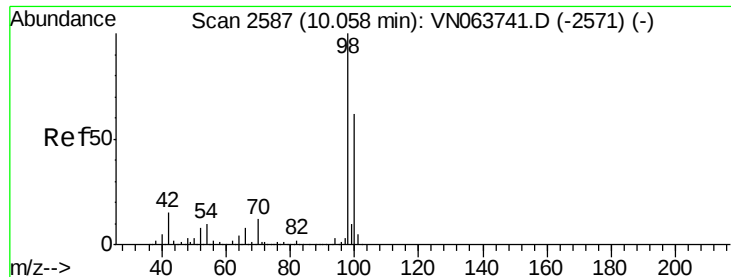
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#43
 Isopropyl Acetate
 Concen: 12.028 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN063798.D
 Acq: 2 Oct 2020 2:55

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	81674		
61	18.5	14.2	21.4	
87	11.4	9.0	13.6	





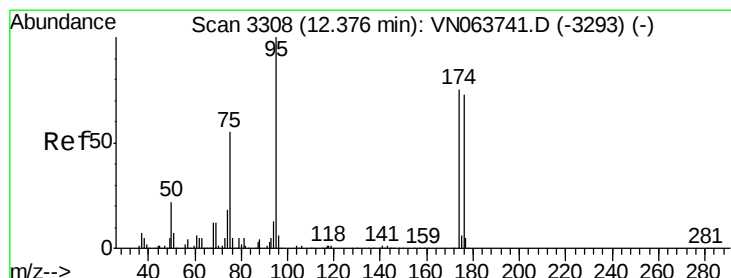
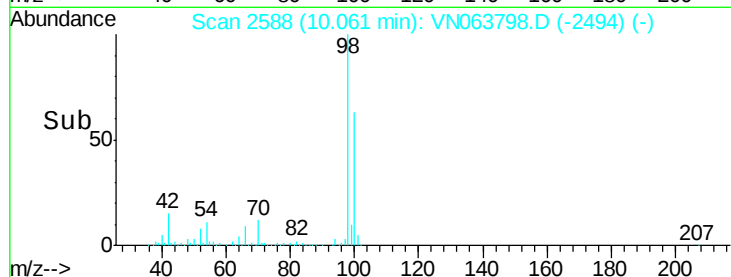
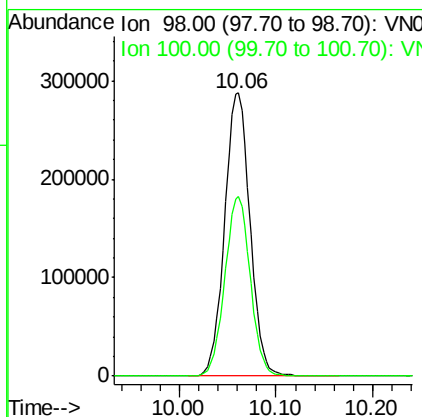
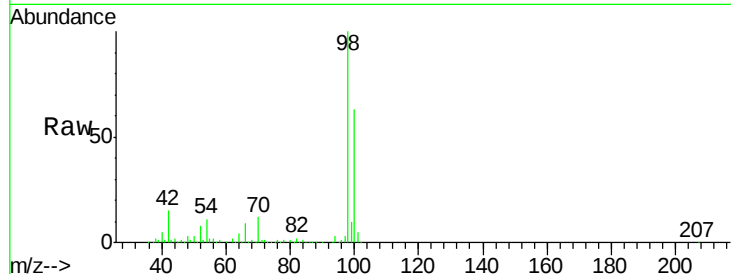
#50
Toluene-d8
Concen: 48.724 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063798.D
Acq: 2 Oct 2020 2:55

Instrument :
MSVOA_N
ClientSampled :
CG-SOIL

Tot Ion	98	100	Ratio	Lower	Upper
98	100				
100	63.3	49.8			74.6

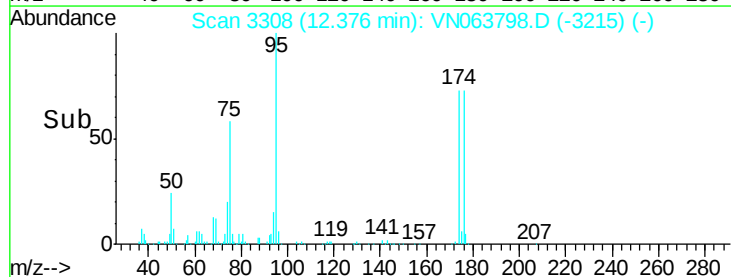
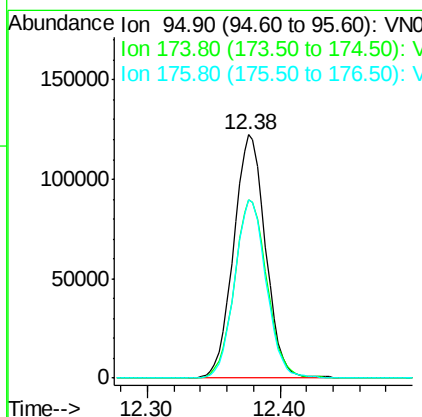
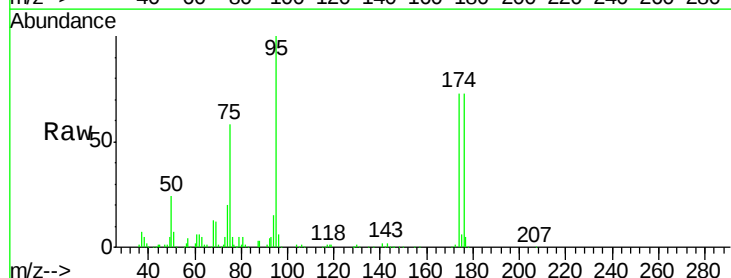
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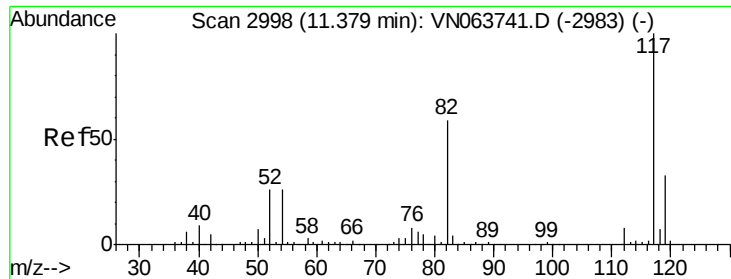
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#62
4-Bromofluorobenzene
Concen: 50.617 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063798.D
Acq: 2 Oct 2020 2:55

Tgt Ion	95	174	176	Ratio	Lower	Upper
95	100					
174	74.7	0.0				150.6
176	72.5	0.0				145.4





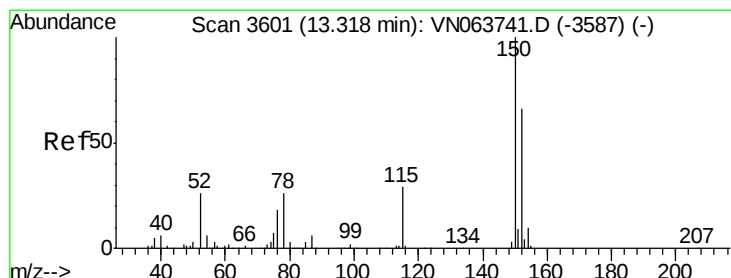
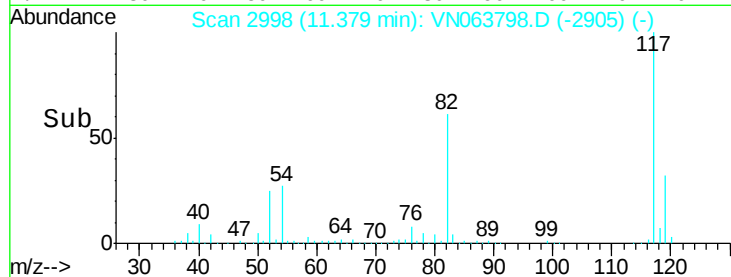
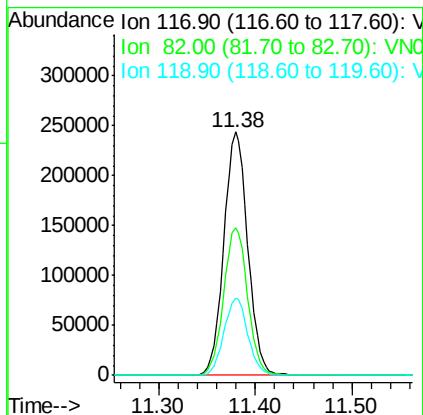
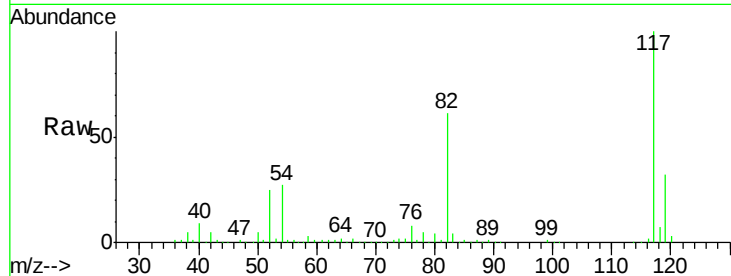
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063798.D
Acq: 2 Oct 2020 2:55

Instrument :
MSVOA_N
ClientSampled :
CG-SOIL

Tot Ion	Ratio	Resp	Lower	Upper
117	100	418432		
82	60.7	47.4	71.2	
119	31.8	26.4	39.6	

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063798.D
Acq: 2 Oct 2020 2:55

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	170839		
115	63.3	31.3	93.8	
150	159.9	0.0	341.8	

