

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062395.D
 Acq On : 7 Jul 2020 4:25
 Operator : JC/MD
 Sample : L3151-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-584-588

Quant Time: Jul 07 06:21:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 05:08:51 2020
 Response via : Initial Calibration

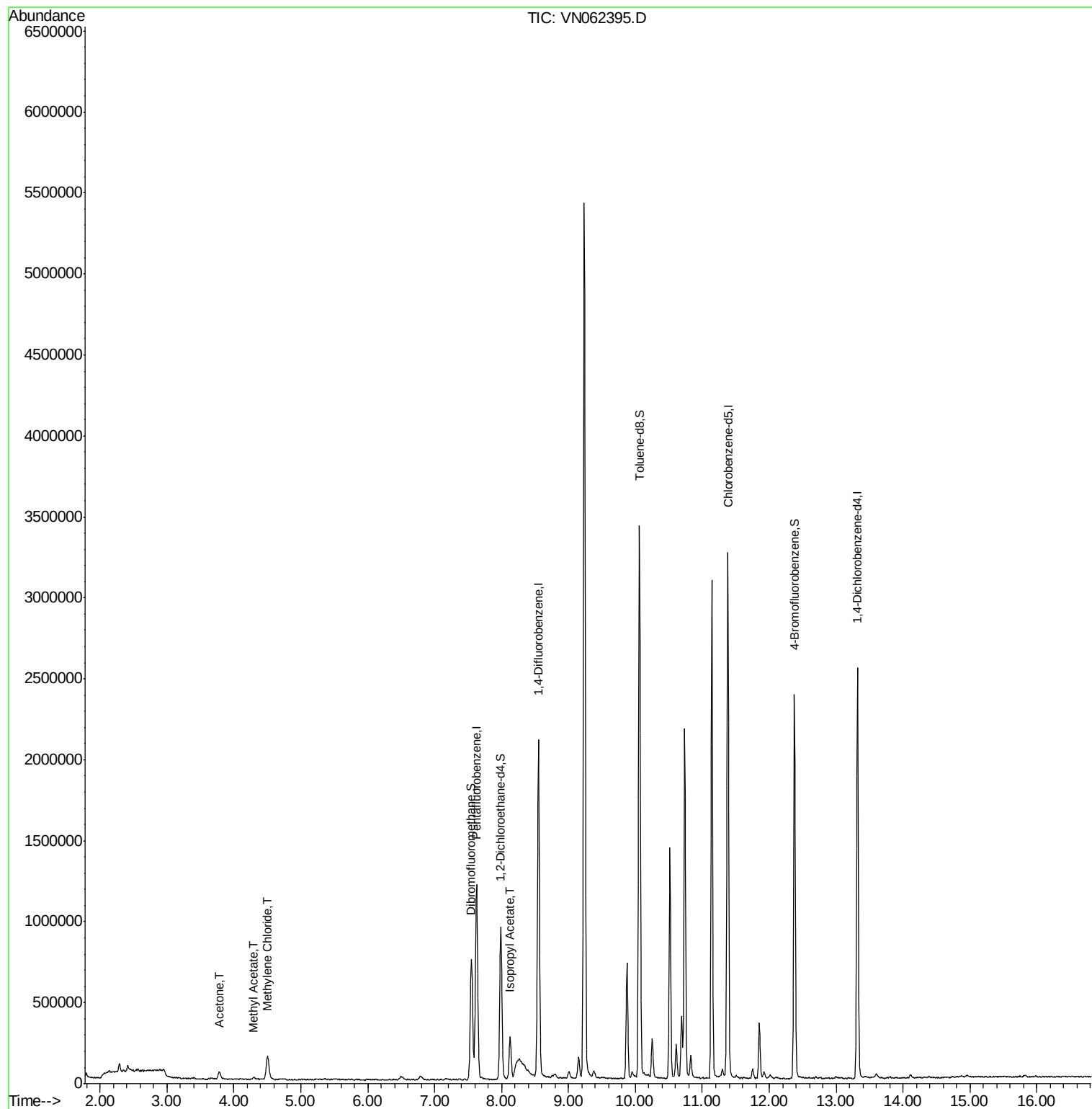
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	891633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1674594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1639658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	615765	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	831462	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
35) Dibromofluoromethane	7.55	113	557971	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
50) Toluene-d8	10.06	98	2171823	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.38	95	777402	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
Target Compounds						
16) Acetone	3.78	43	81647	10.980	ug/l	99
18) Methyl Acetate	4.28	43	29097	1.440	ug/l #	89
20) Methylene Chloride	4.50	84	94929	7.471	ug/l	97
43) Isopropyl Acetate	8.13	43	311035	8.915	ug/l	99

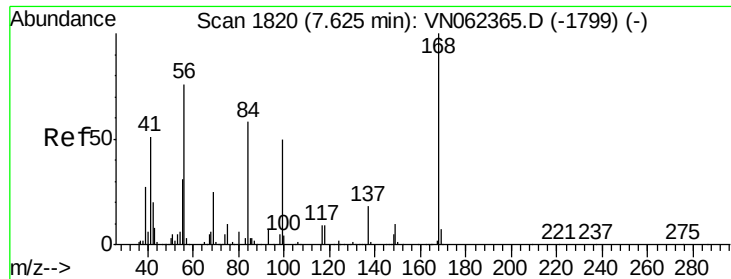
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN062395.D

Acq: 7 Jul 2020 4:25

Instrument :

MSVOA_N

ClientSampleId :

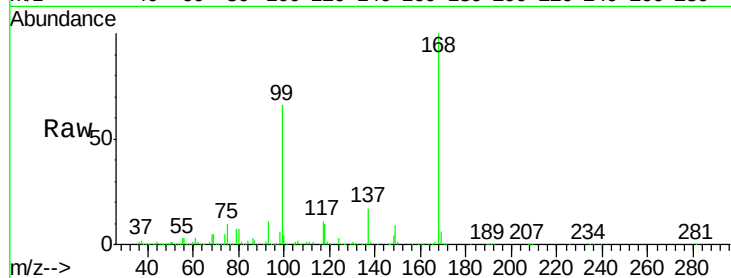
BP-MW180-SOIL-584-588

Tot Ion:168 Resp: 891633

Ion Ratio Lower Upper

168 100

99 65.9 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

400000

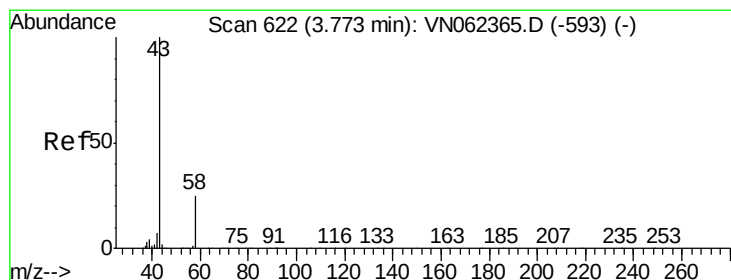
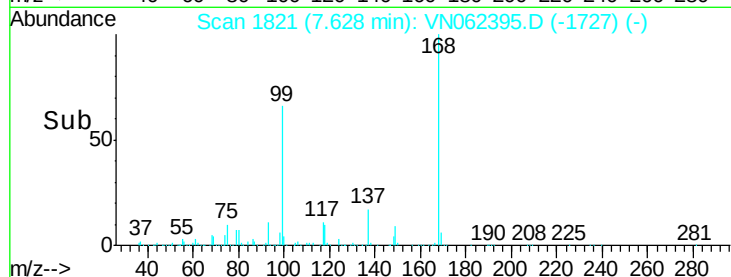
300000

200000

100000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 10.980 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062395.D

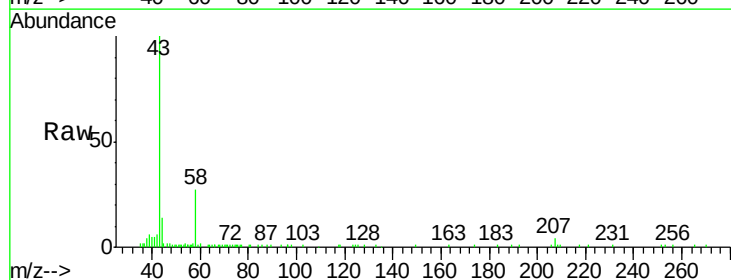
Acq: 7 Jul 2020 4:25

Tgt Ion: 43 Resp: 81647

Ion Ratio Lower Upper

43 100

58 25.5 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

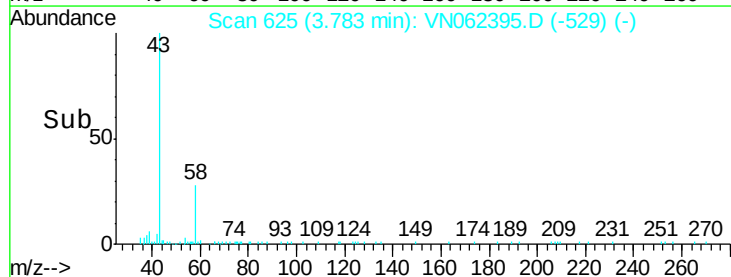
30000

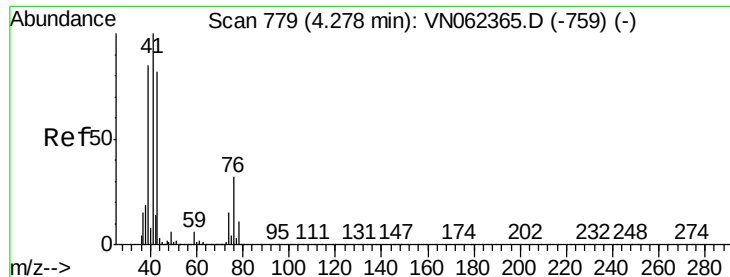
20000

10000

0

Time--> 3.70 3.80 3.90

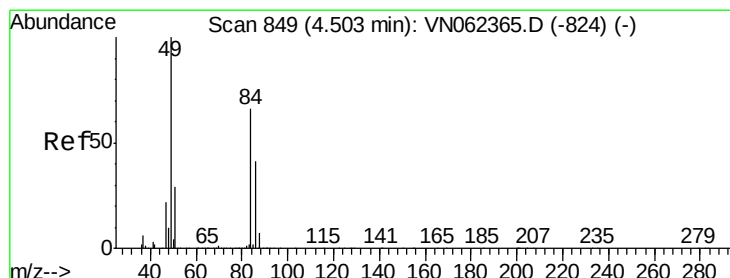
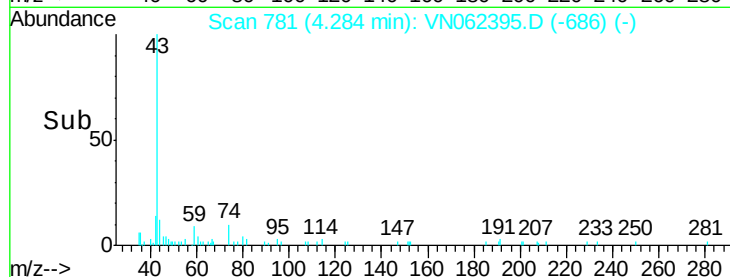
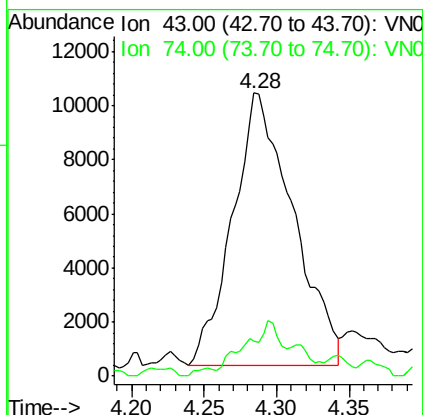
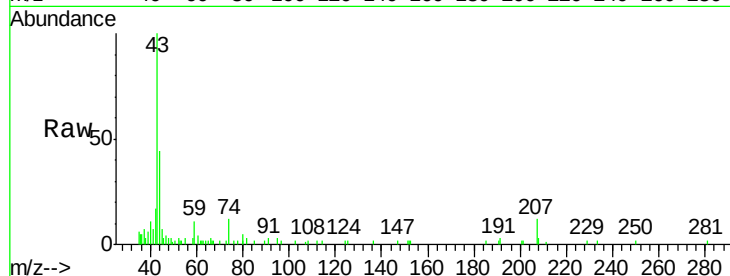




#18
Methvl Acetate
Concen: 1.440 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN062395.D
Acq: 7 Jul 2020 4:25

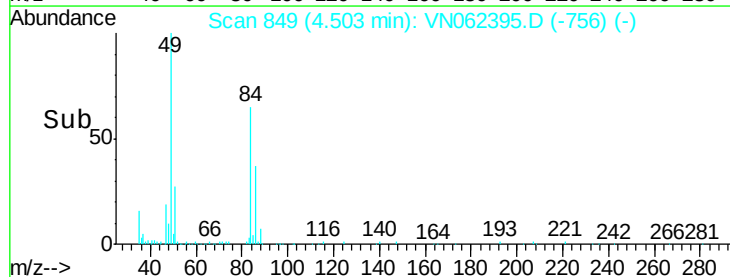
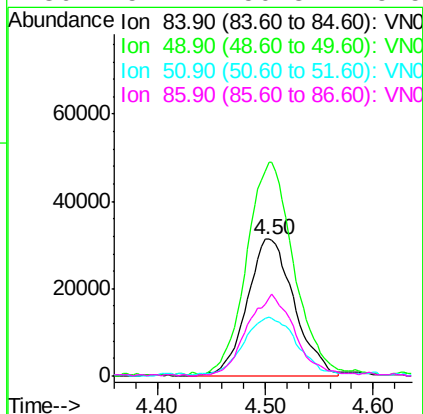
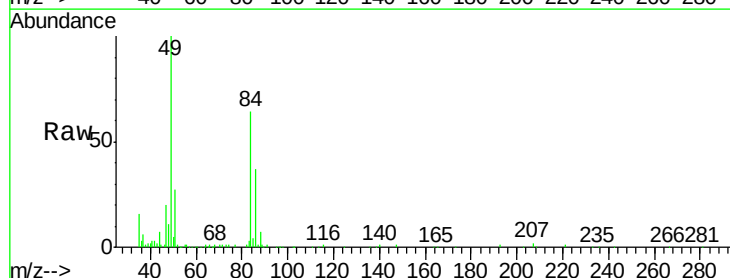
Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-584-588

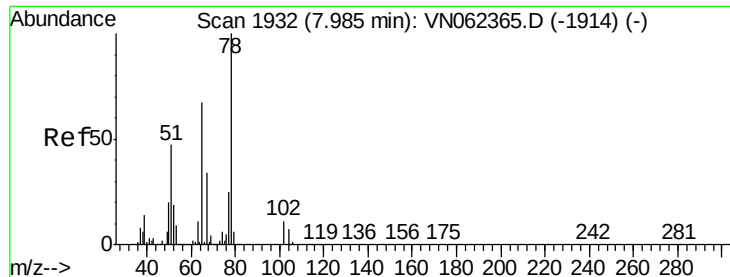
Tot Ion: 43 Resp: 29097
Ion Ratio Lower Upper
43 100
74 12.9 14.2 21.4#



#20
Methylene Chloride
Concen: 7.471 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062395.D
Acq: 7 Jul 2020 4:25

Tgt Ion: 84 Resp: 94929
Ion Ratio Lower Upper
84 100
49 154.5 121.8 182.6
51 41.3 35.0 52.4
86 57.4 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 51.552 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

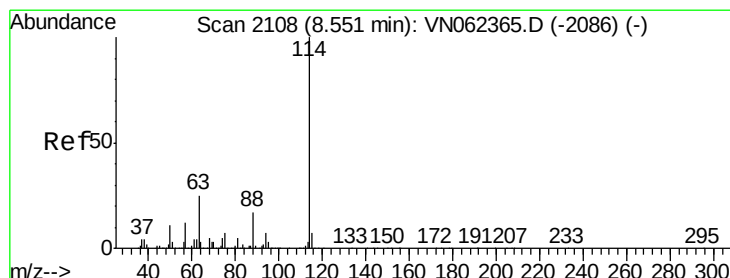
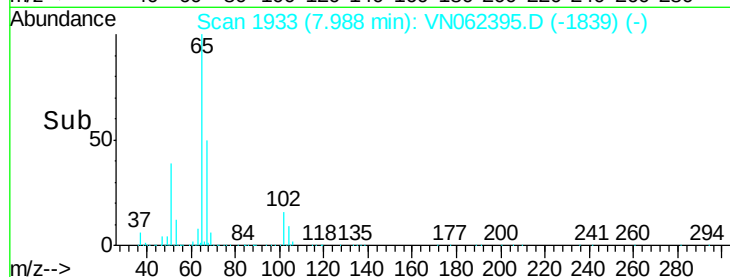
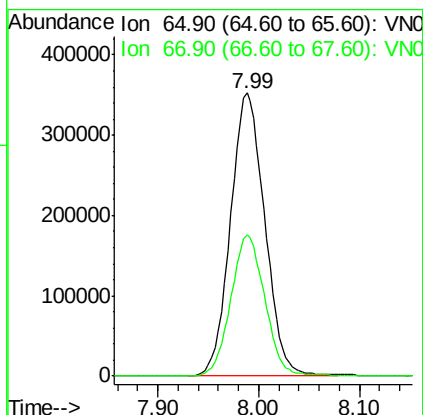
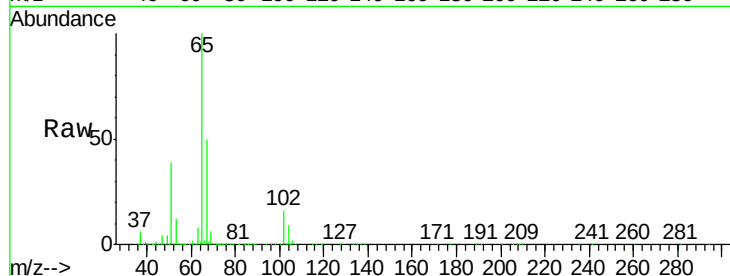
Lab File: VN062395.D

Acq: 7 Jul 2020 4:25

Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-584-588

Tot Ion: 65 Resp: 831462

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

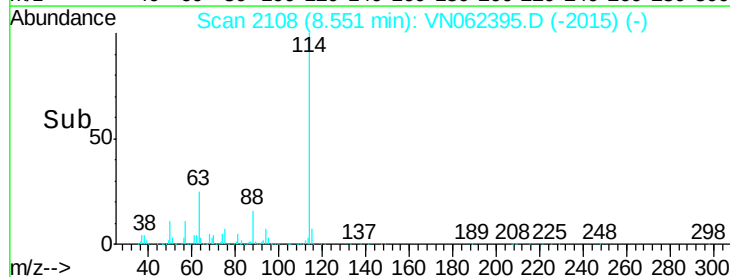
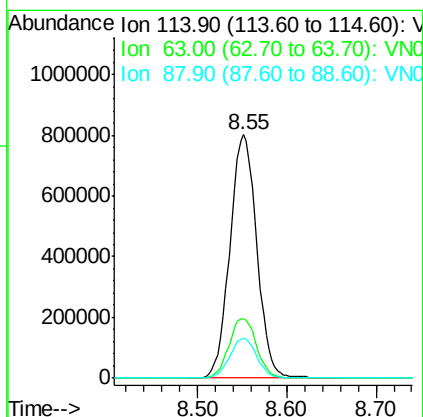
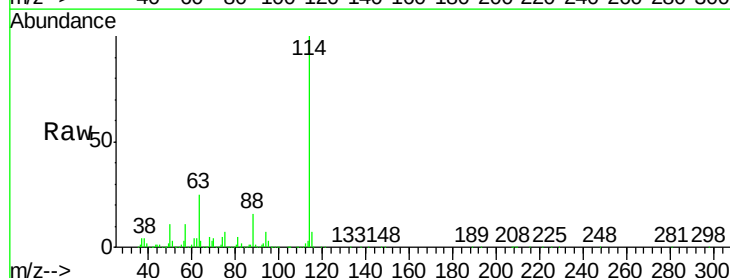
Delta R.T. -0.00 min

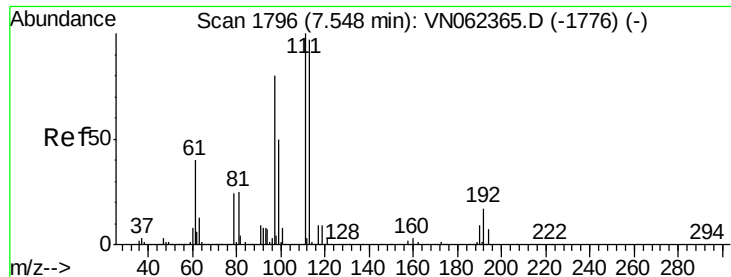
Lab File: VN062395.D

Acq: 7 Jul 2020 4:25

Tgt Ion: 114 Resp: 1674594

Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	49.0
88	16.5	0.0	34.0

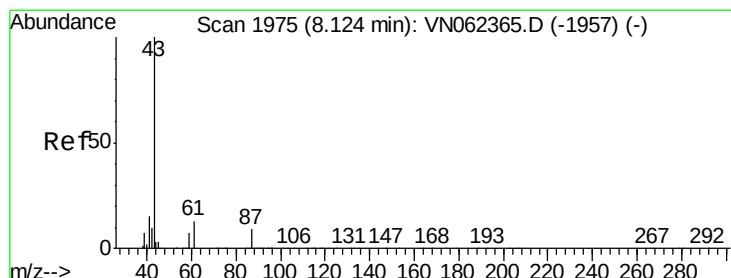
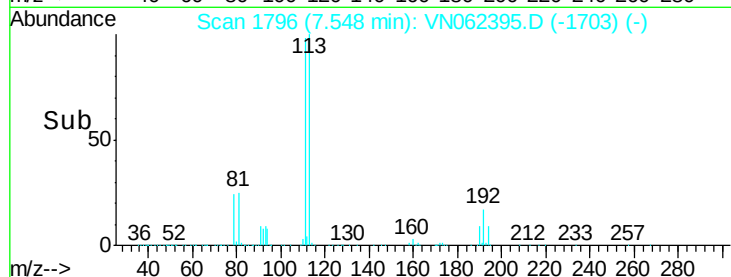
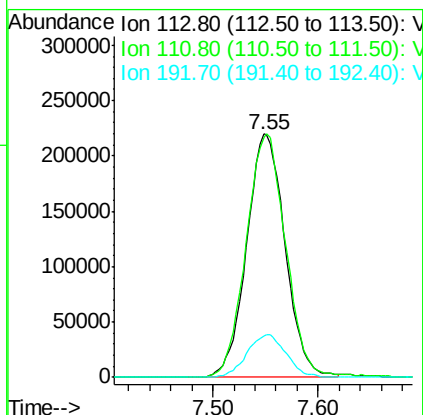
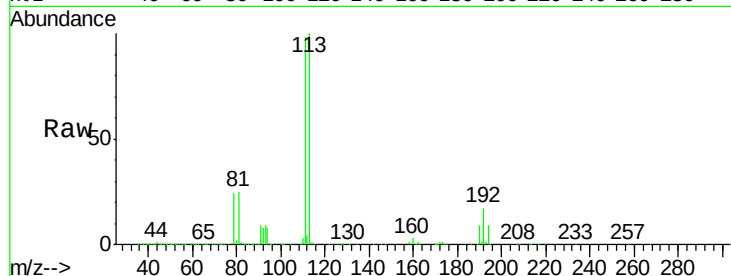




#35
 Dibromofluoromethane
 Concen: 48.842 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062395.D
 Acq: 7 Jul 2020 4:25

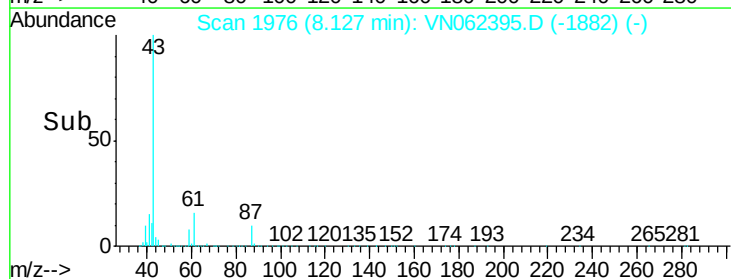
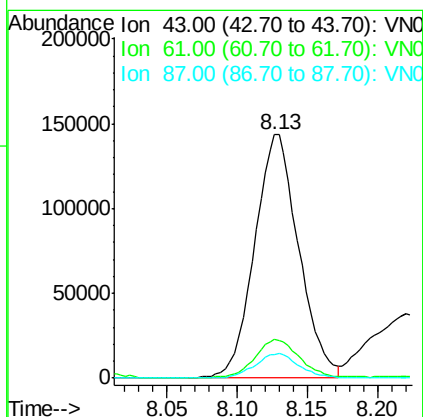
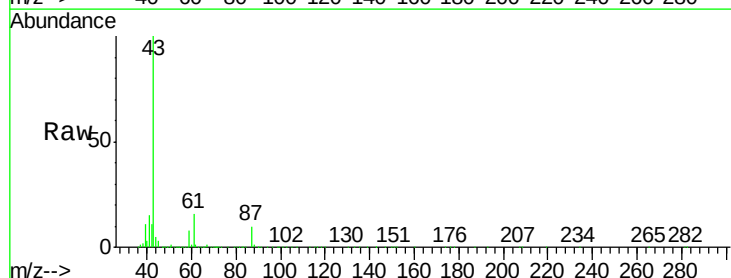
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-584-588

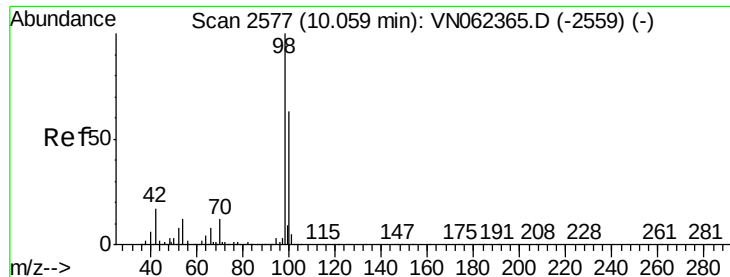
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.2	124.8
192	17.9	14.2	21.2



#43
 Isopropyl Acetate
 Concen: 8.915 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN062395.D
 Acq: 7 Jul 2020 4:25

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.3	13.1	19.7
87	10.1	7.5	11.3





#50

Toluene-d8

Concen: 50.856 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062395.D

Acq: 7 Jul 2020 4:25

Instrument :

MSVOA_N

ClientSampleId :

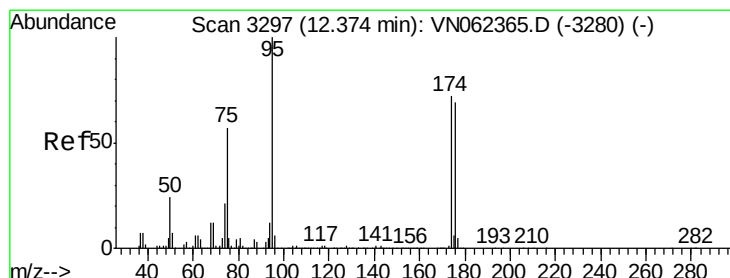
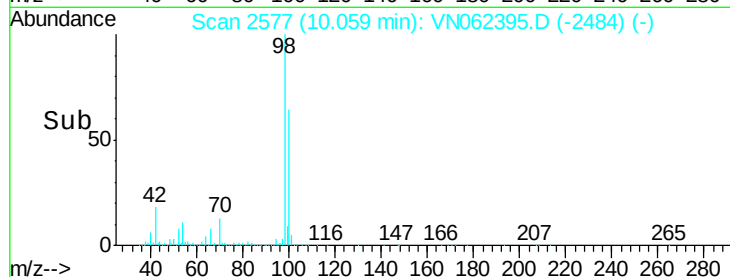
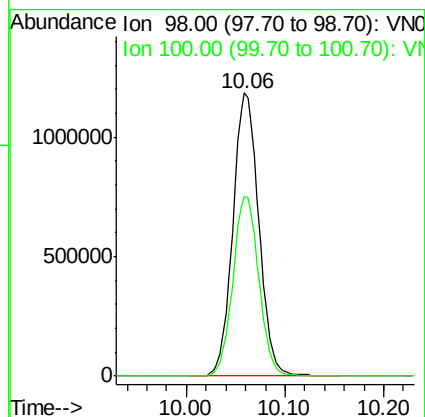
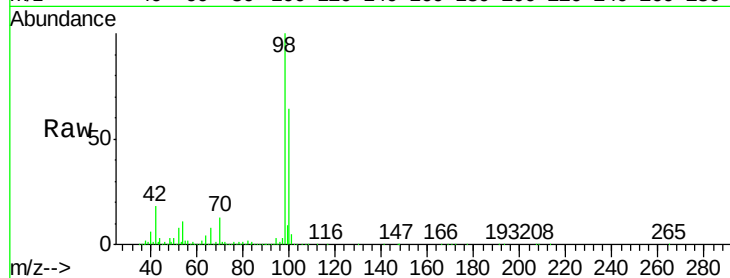
BP-MW180-SOIL-584-588

Tot Ion: 98 Resp: 2171823

Ion Ratio Lower Upper

98 100

100 63.5 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 47.531 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062395.D

Acq: 7 Jul 2020 4:25

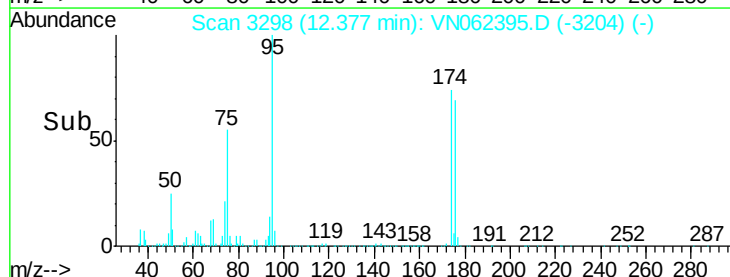
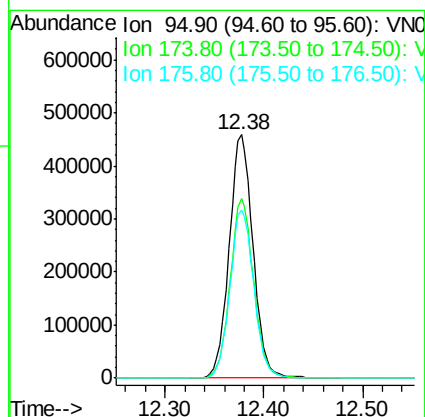
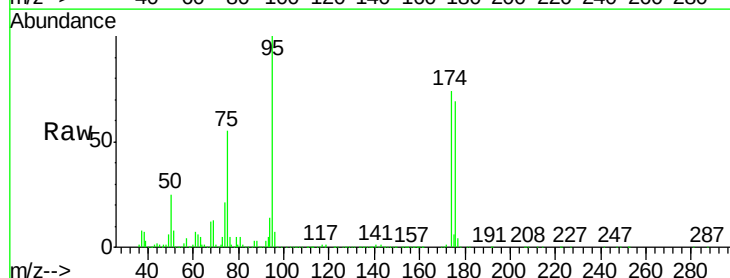
Tgt Ion: 95 Resp: 777402

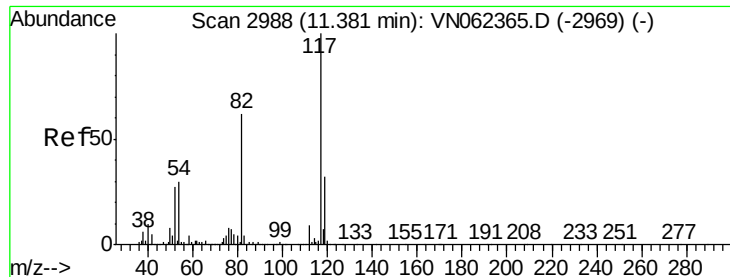
Ion Ratio Lower Upper

95 100

174 73.1 0.0 145.8

176 69.0 0.0 140.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062395.D

Acq: 7 Jul 2020 4:25

Instrument :

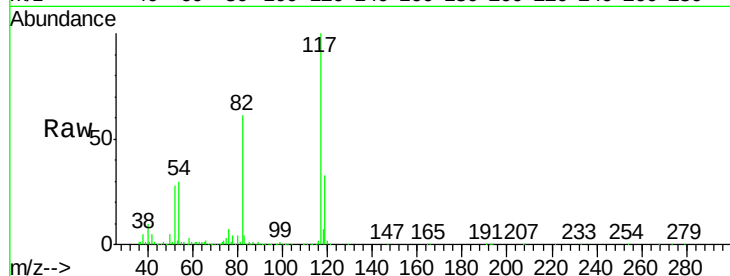
MSVOA_N

ClientSampleId :

BP-MW180-SOIL-584-588

Tot Ion:117 Resp: 1639658

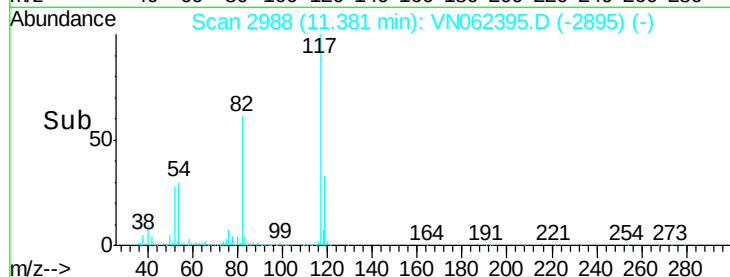
Ion	Ratio	Lower	Upper
117	100		
82	60.9	49.4	74.2
119	32.9	25.6	38.4



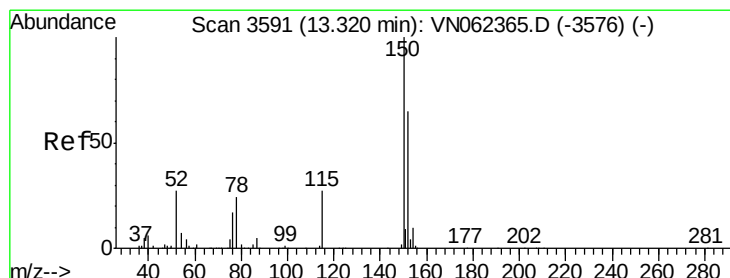
Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

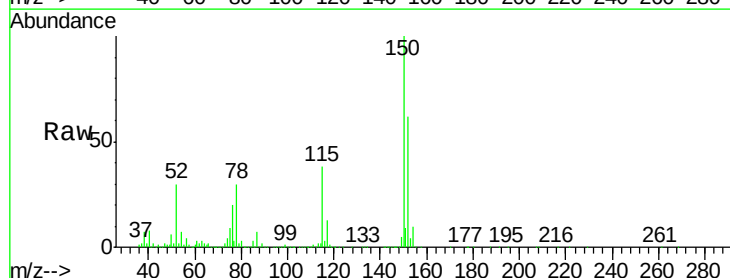
Delta R.T. -0.00 min

Lab File: VN062395.D

Acq: 7 Jul 2020 4:25

Tgt Ion:152 Resp: 615765

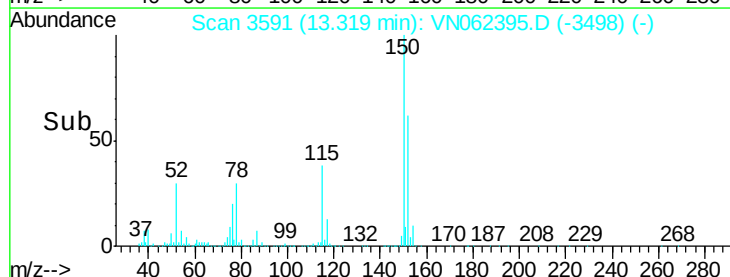
Ion	Ratio	Lower	Upper
152	100		
115	61.6	30.5	91.5
150	160.5	0.0	346.8



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



Time-->