

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062378.D
 Acq On : 6 Jul 2020 21:32
 Operator : JC/MD
 Sample : L3192-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-610-614

Quant Time: Jul 07 06:42:58 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

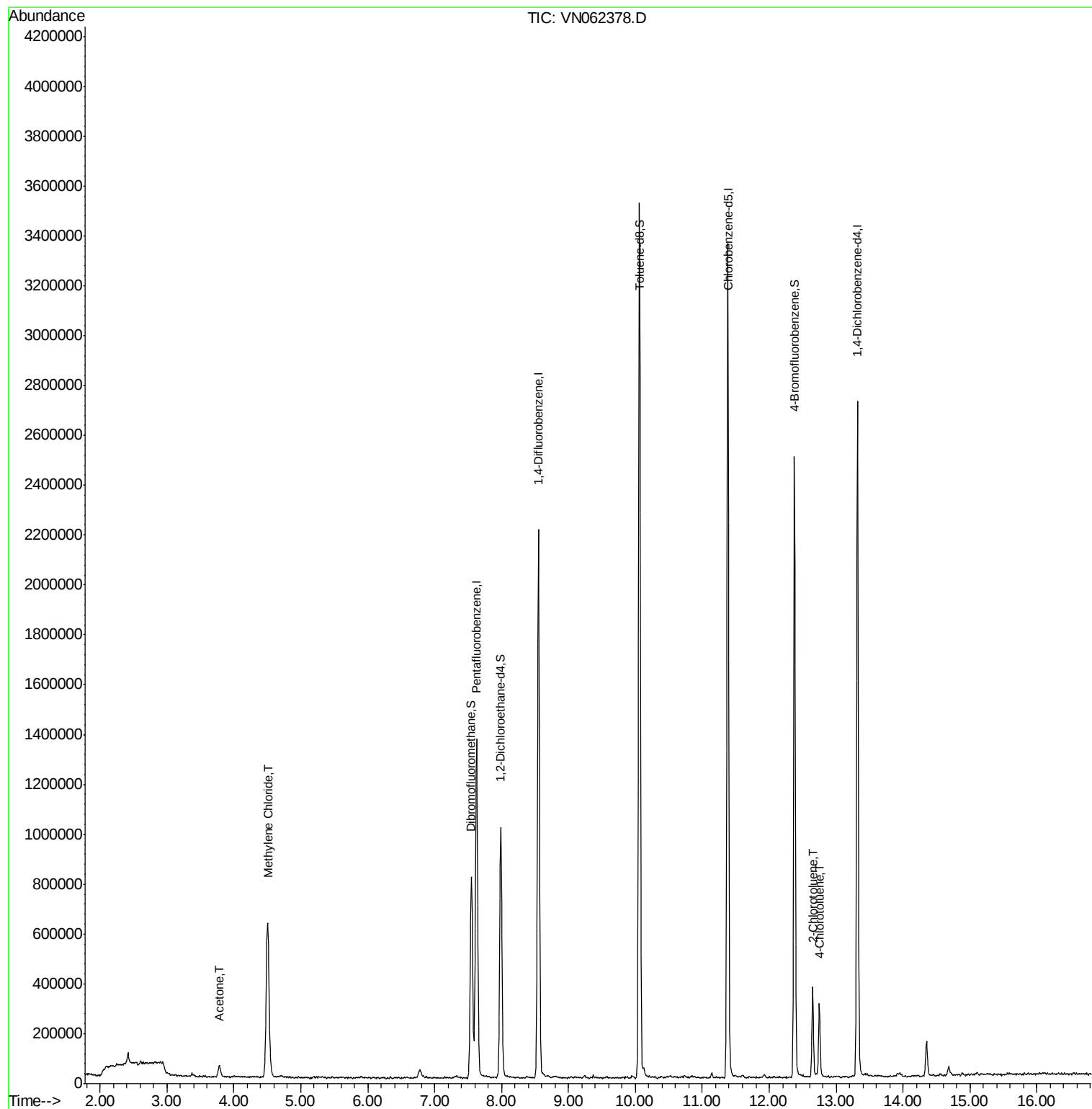
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	982582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1752625	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1697417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	657238	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	878456	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
35) Dibromofluoromethane	7.55	113	604351	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
50) Toluene-d8	10.06	98	2264858	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.38	95	814304	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
Target Compounds						
16) Acetone	3.78	43	80263	9.795	ug/l	96
20) Methylene Chloride	4.50	84	417103	34.318	ug/l	96
79) 2-Chlorotoluene	12.65	91	198121	5.613	ug/l	100
82) 4-Chlorotoluene	12.75	91	171805	4.759	ug/l	98

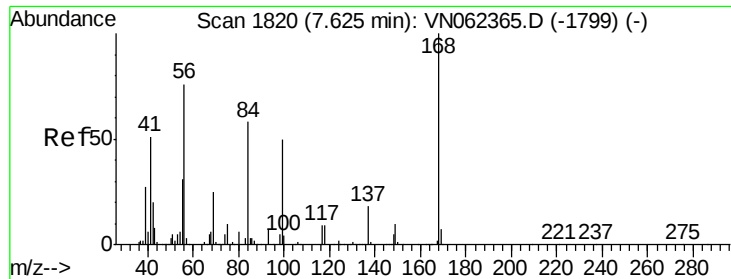
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 07 05:08:51 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: VN062378.D

Acq: 6 Jul 2020 21:32

Instrument :

MSVOA_N

ClientSampleId :

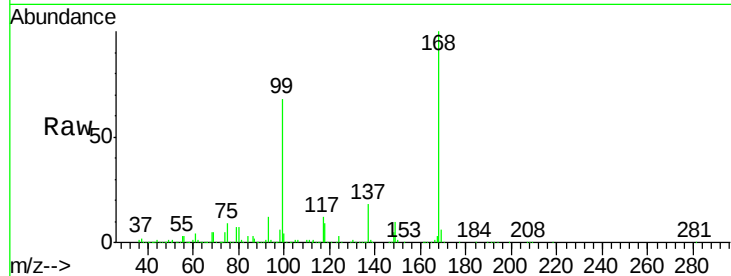
BP-MW180-SOIL-610-614

Tot Ion:168 Resp: 982582

Ion Ratio Lower Upper

168 100

99 68.1 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

400000

300000

200000

100000

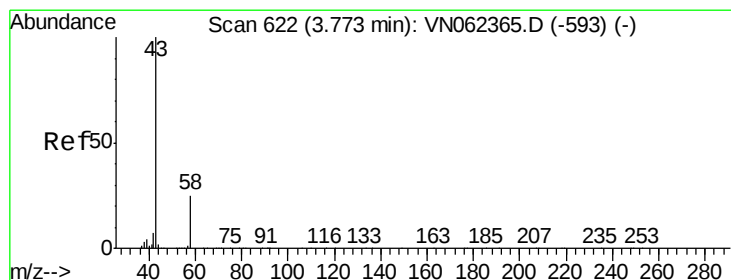
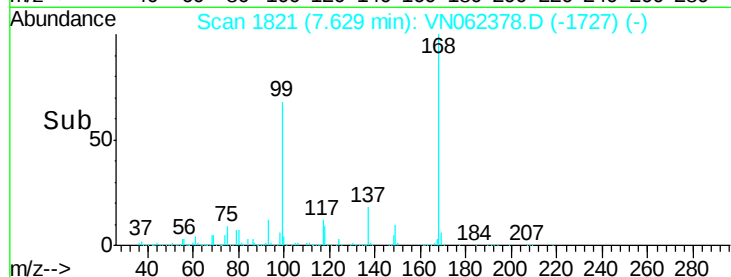
0

Time-->

7.50

7.60

7.70



#16

Acetone

Concen: 9.795 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062378.D

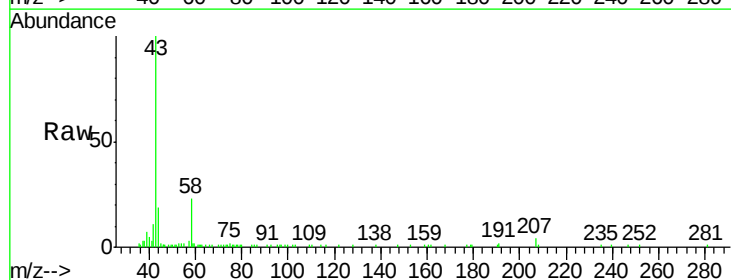
Acq: 6 Jul 2020 21:32

Tgt Ion: 43 Resp: 80263

Ion Ratio Lower Upper

43 100

58 22.8 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

30000

25000

20000

15000

10000

5000

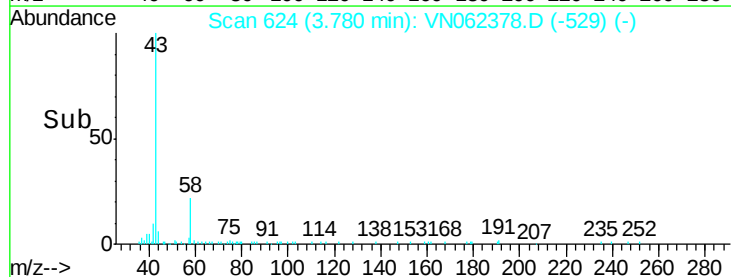
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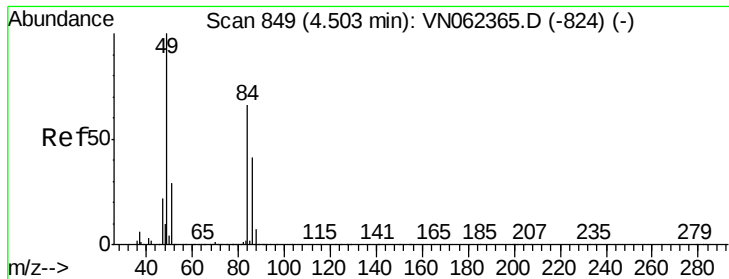
Time-->

3.70

3.80

3.90

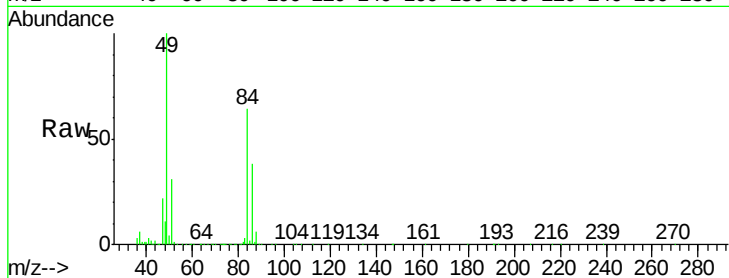




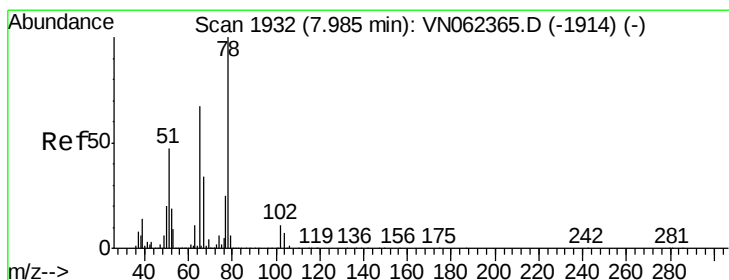
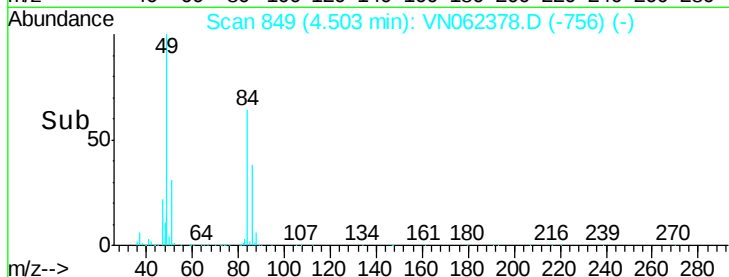
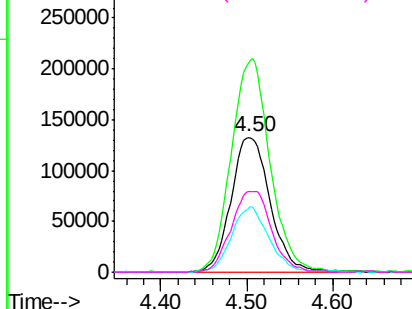
#20
Methvlene Chloride
Concen: 34.318 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062378.D
Acq: 6 Jul 2020 21:32

Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-610-614

Tot Ion: 84 Resp: 417103
Ion Ratio Lower Upper
84 100
49 157.2 121.8 182.6
51 48.3 35.0 52.4
86 59.8 50.3 75.5

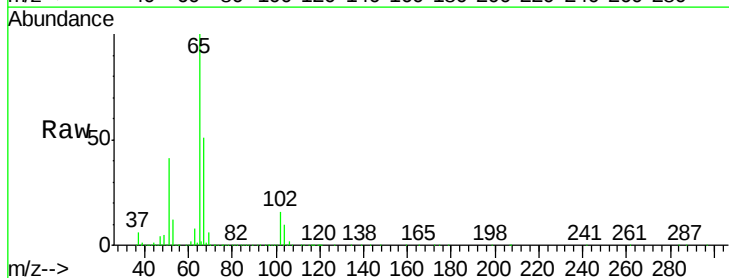


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

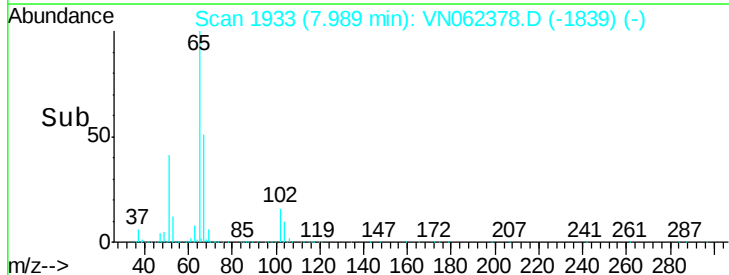
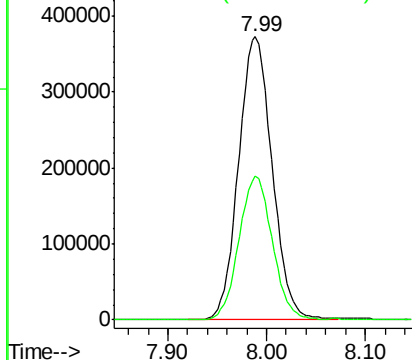


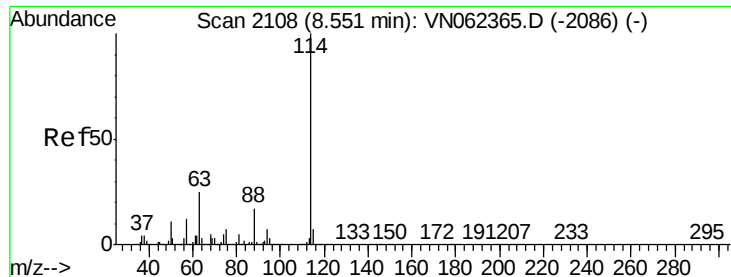
#33
1,2-Dichloroethane-d4
Concen: 49.424 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062378.D
Acq: 6 Jul 2020 21:32

Tgt Ion: 65 Resp: 878456
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

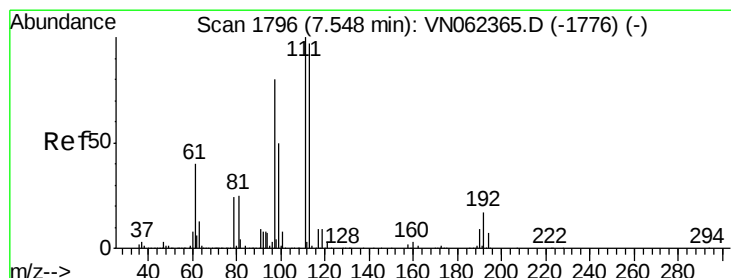
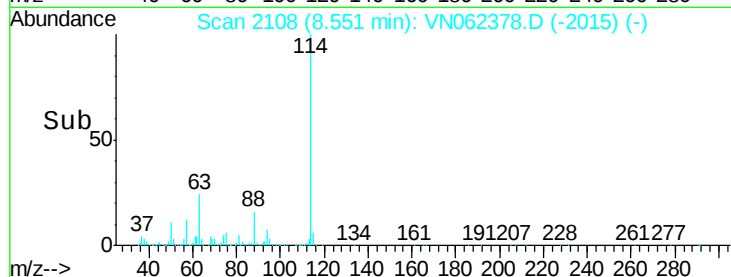
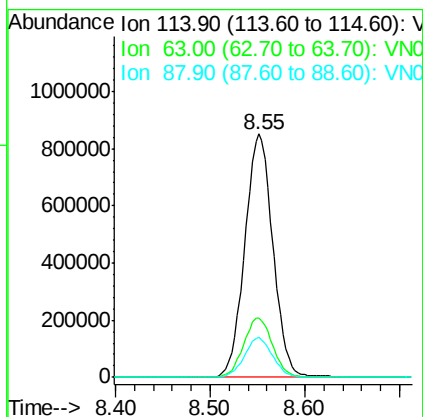
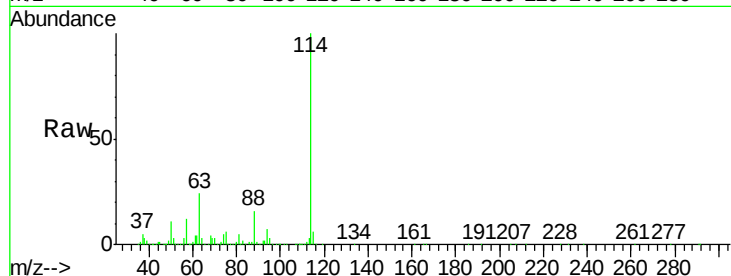




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN062378.D
Acq: 6 Jul 2020 21:32

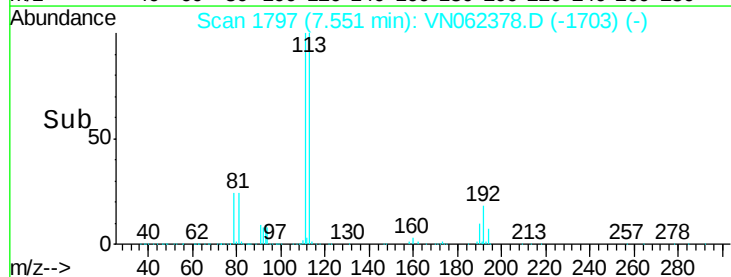
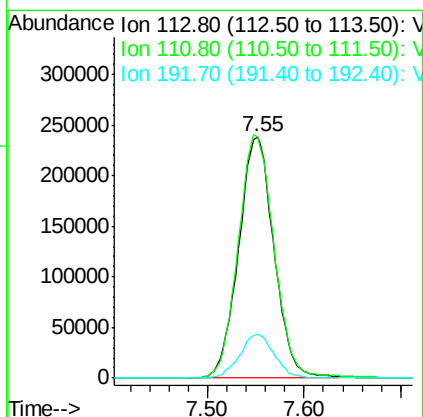
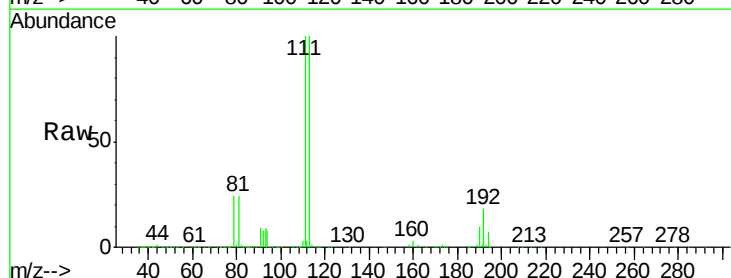
Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-610-614

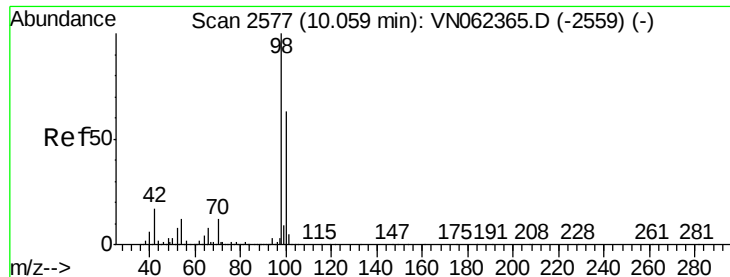
Tot Ion:114 Resp: 1752625
Ion Ratio Lower Upper
114 100
63 24.3 0.0 49.0
88 16.3 0.0 34.0



#35
Dibromofluoromethane
Concen: 50.546 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN062378.D
Acq: 6 Jul 2020 21:32

Tgt Ion:113 Resp: 604351
Ion Ratio Lower Upper
113 100
111 101.9 83.2 124.8
192 17.7 14.2 21.2





#50

Toluene-d8

Concen: 50.674 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062378.D

Acq: 6 Jul 2020 21:32

Instrument :

MSVOA_N

ClientSampleId :

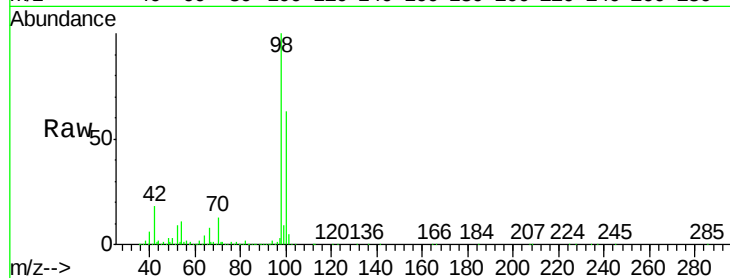
BP-MW180-SOIL-610-614

Tot Ion: 98 Resp: 2264858

Ion Ratio Lower Upper

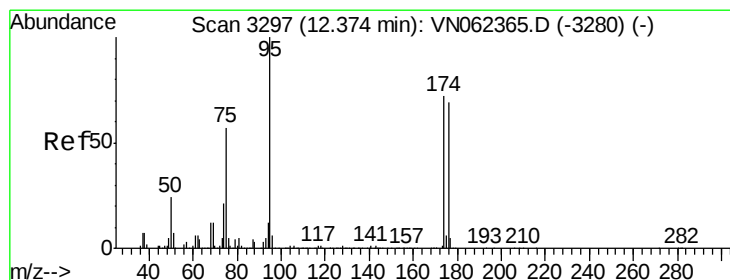
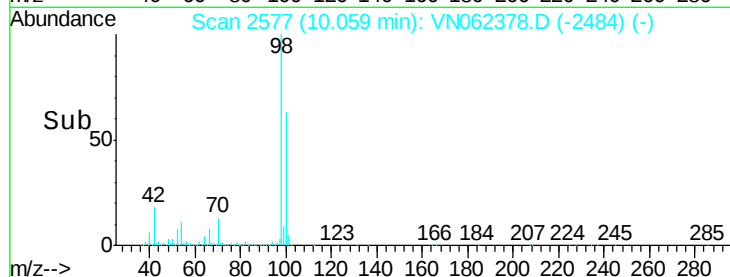
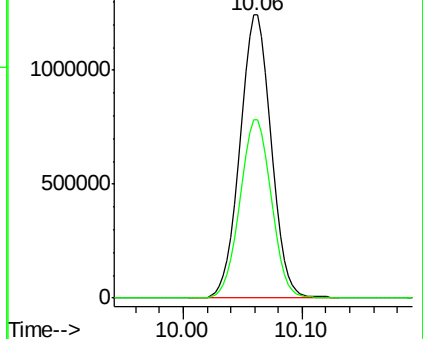
98 100

100 63.5 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN062365.D (-2559) (-)

Ion 100.00 (99.70 to 100.70): VN062365.D (-2559) (-)



#62

4-Bromofluorobenzene

Concen: 47.571 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062378.D

Acq: 6 Jul 2020 21:32

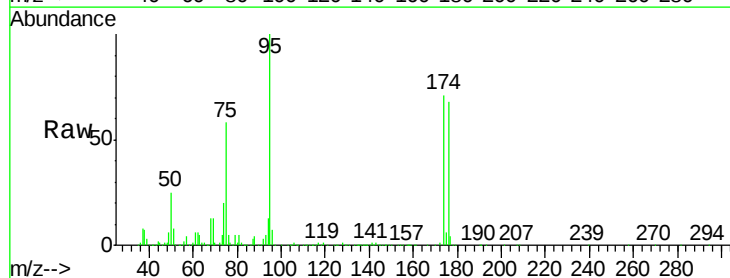
Tgt Ion: 95 Resp: 814304

Ion Ratio Lower Upper

95 100

174 72.4 0.0 145.8

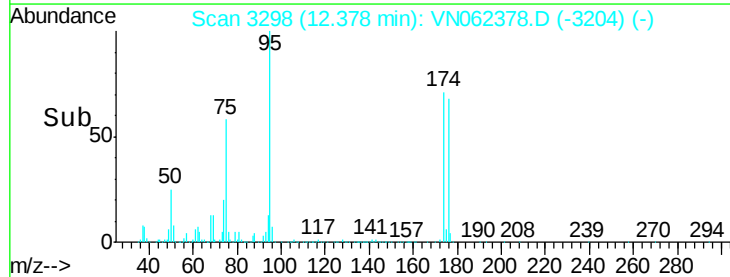
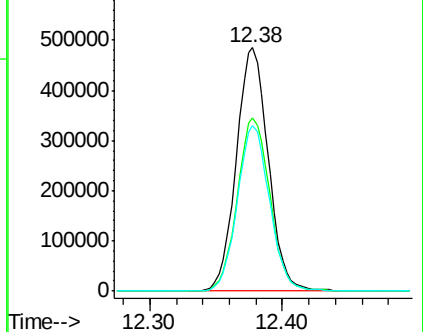
176 68.7 0.0 140.2

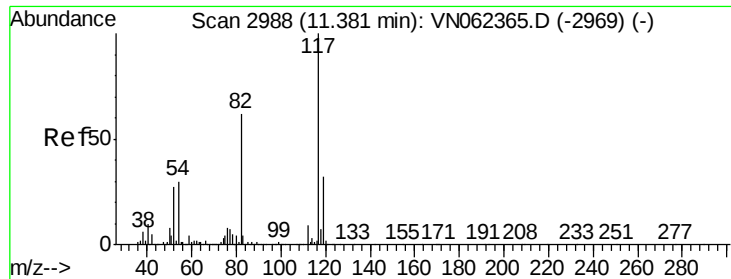


Abundance Ion 94.90 (94.60 to 95.60): VN062365.D (-3280) (-)

Ion 173.80 (173.50 to 174.50): VN062365.D (-3280) (-)

Ion 175.80 (175.50 to 176.50): VN062365.D (-3280) (-)

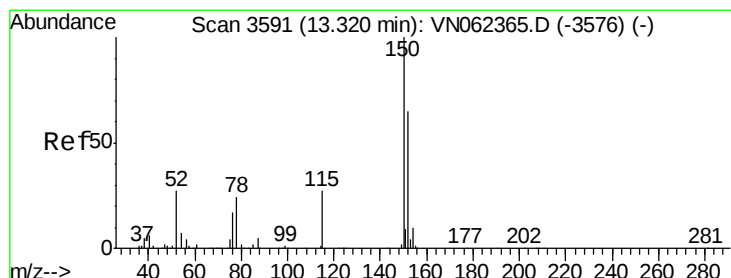
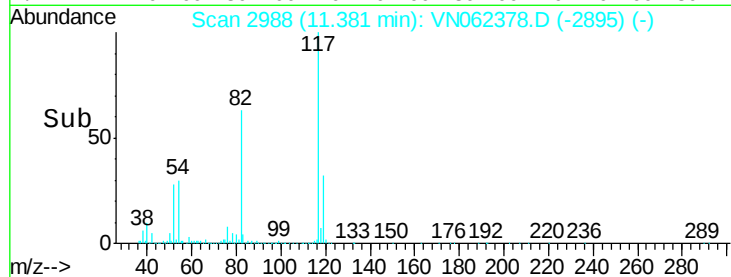
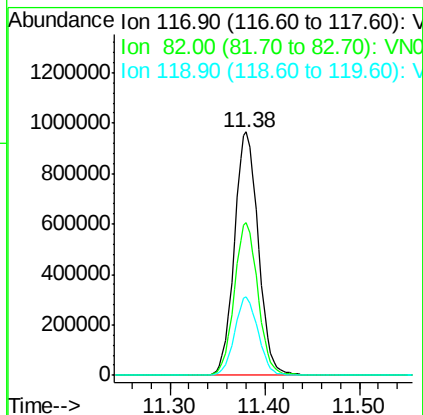
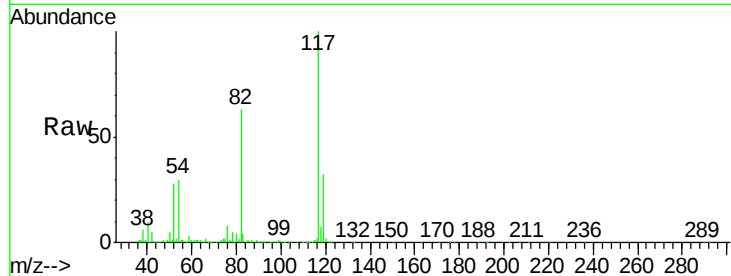




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062378.D
Acq: 6 Jul 2020 21:32

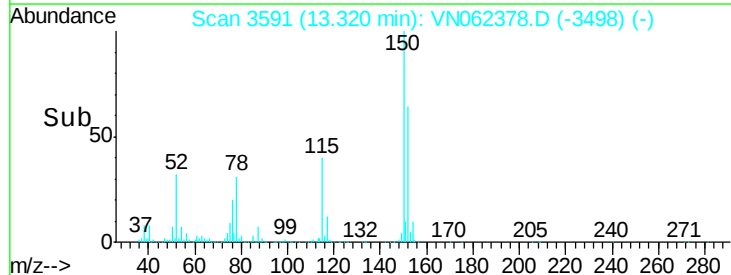
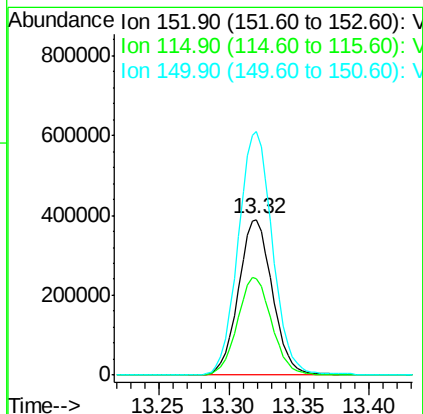
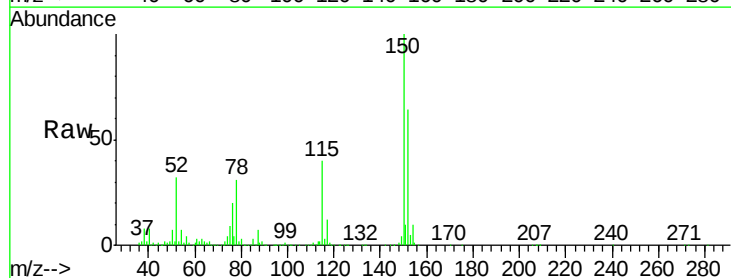
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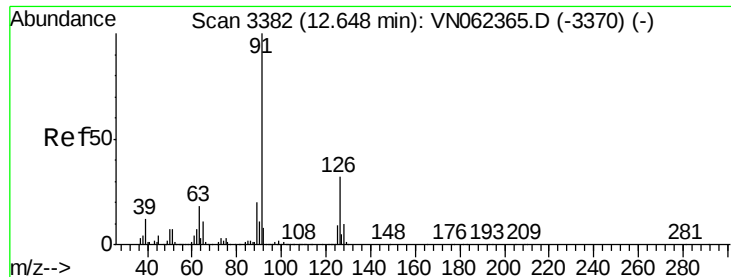
Tot Ion:117 Resp: 1697417
Ion Ratio Lower Upper
117 100
82 62.6 49.4 74.2
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062378.D
Acq: 6 Jul 2020 21:32

Tgt Ion:152 Resp: 657238
Ion Ratio Lower Upper
152 100
115 63.3 30.5 91.5
150 159.1 0.0 346.8





#79

2-Chlorotoluene

Concen: 5.613 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062378.D

Acq: 6 Jul 2020 21:32

Instrument :

MSVOA_N

ClientSampleId :

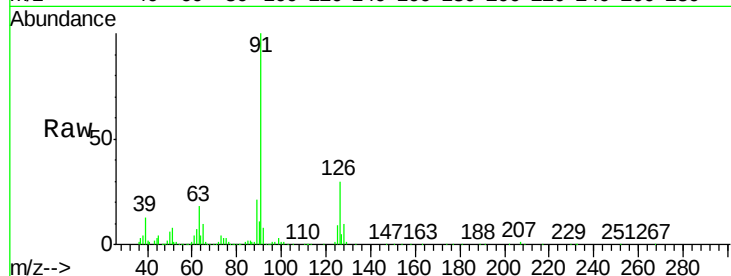
BP-MW180-SOIL-610-614

Tot Ion: 91 Resp: 198121

Ion Ratio Lower Upper

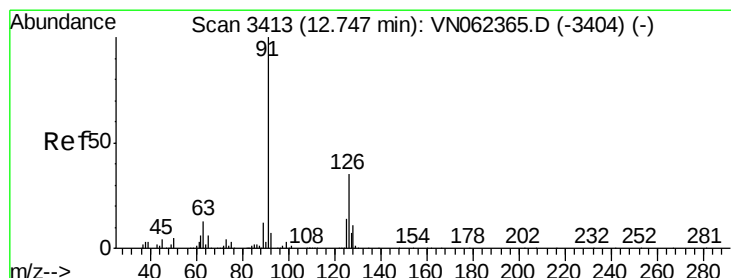
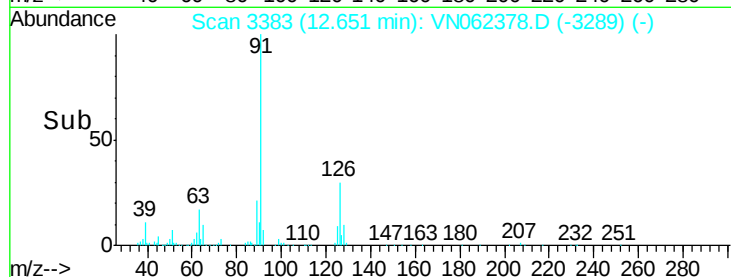
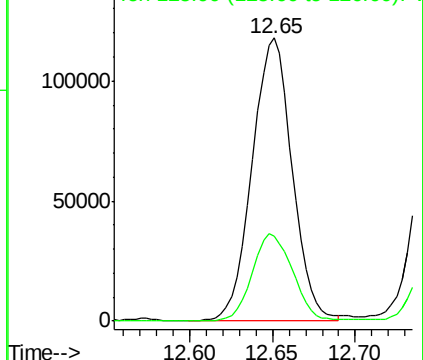
91 100

126 31.6 15.8 47.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#82

4-Chlorotoluene

Concen: 4.759 ug/l

RT: 12.75 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN062378.D

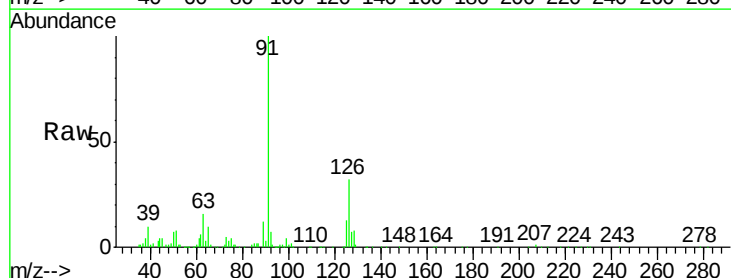
Acq: 6 Jul 2020 21:32

Tgt Ion: 91 Resp: 171805

Ion Ratio Lower Upper

91 100

126 32.4 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

