

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062374.D
 Acq On : 6 Jul 2020 19:55
 Operator : JC/MD
 Sample : L3212-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-616-618

Quant Time: Jul 07 05:20:06 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	906272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1614877	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1522221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	573015	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	802477	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	
35) Dibromofluoromethane	7.55	113	546754	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
50) Toluene-d8	10.06	98	2090450	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.38	95	721571	45.75	ug/l	0.00
Spiked Amount			Recovery	=	91.50%	

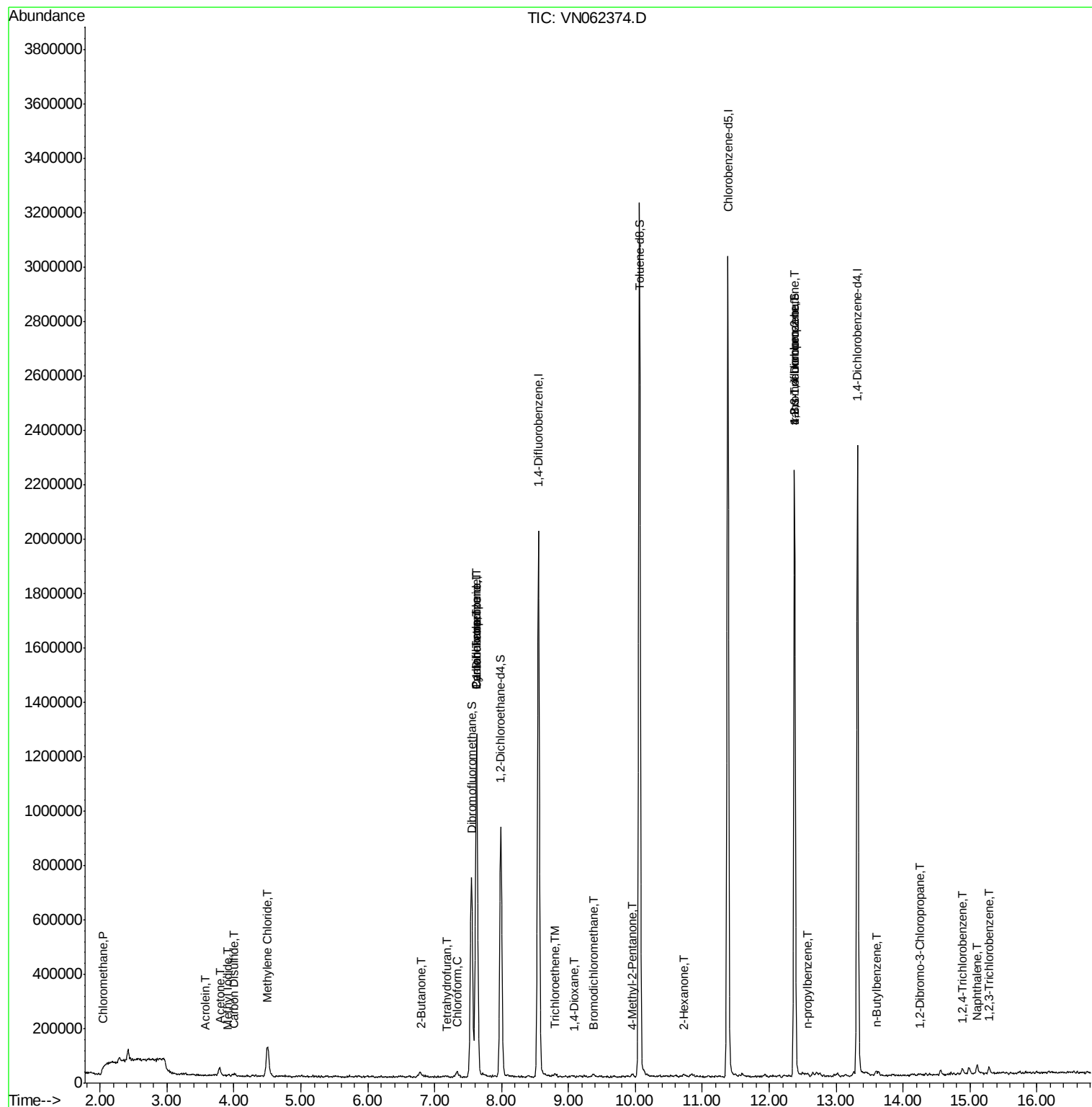
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	3739	0.245	ug/l	92
10) Methyl Iodide	3.91	142	2532	0.210	ug/l #	45
13) Acrolein	3.58	56	1085	1.461	ug/l #	62
16) Acetone	3.79	43	46632	6.170	ug/l	92
17) Carbon Disulfide	4.01	76	14157	0.480	ug/l #	92
18) Methyl Acetate	4.29	43	6395	Below Cal	#	87
20) Methylene Chloride	4.51	84	74796	5.450	ug/l	97
23) Vinyl Acetate	5.84	43	606	Below Cal	#	77
25) 2-Butanone	6.79	43	5571	0.585	ug/l	94
29) Tetrahydrofuran	7.17	42	1816	0.300	ug/l #	72
30) Chloroform	7.33	83	18170	0.830	ug/l #	81
31) Cyclohexane	7.63	56	27322	1.314	ug/l #	34
36) 1,1-Dichloropropene	7.63	75	81359	4.795	ug/l #	50
38) Carbon Tetrachloride	7.63	117	102980	6.035	ug/l #	17
44) Trichloroethene	8.80	130	2627	0.228	ug/l	60
47) Bromodichloromethane	9.37	83	6695	0.359	ug/l	94
49) 1,4-Dioxane	9.10	88	486	2.084	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	9779	0.290	ug/l	99
59) 2-Hexanone	10.72	43	5969	0.438	ug/l	90
76) 1,2,3-Trichloropropane	12.38	75	421064	30.423	ug/l #	100
78) n-propylbenzene	12.57	91	6449	0.395	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.38	75	421064	86.999	ug/l #	4
89) n-Butylbenzene	13.60	91	7802	0.259	ug/l	86
92) 1,2-Dibromo-3-Chloropropan	14.25	75	628	0.216	ug/l #	23
93) 1,2,4-Trichlorobenzene	14.89	180	5518	3.299	ug/l #	89
94) Hexachlorobutadiene	14.98	225	2859	Below Cal		90
95) Naphthalene	15.11	128	24806	3.040	ug/l	96
96) 1,2,3-Trichlorobenzene	15.29	180	7416	0.892	ug/l	94

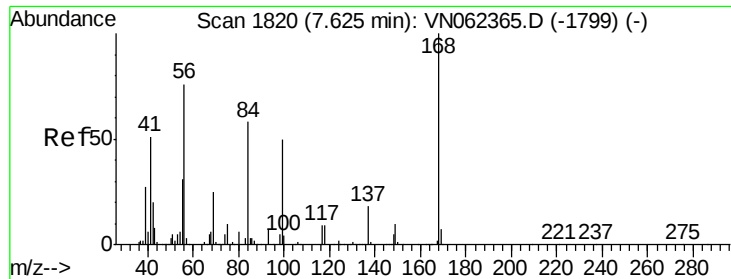
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070620\
Data File : VN062374.D
Acq On : 6 Jul 2020 19:55
Operator : JC/MD
Sample : L3212-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-616-618

Quant Time: Jul 07 05:20:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
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: VN062374.D

Acq: 6 Jul 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

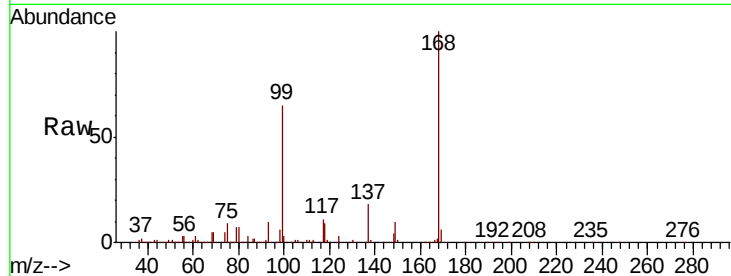
BP-MW180-SOIL-616-618

Tot Ion:168 Resp: 906272

Ion Ratio Lower Upper

168 100

99 64.8 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

400000

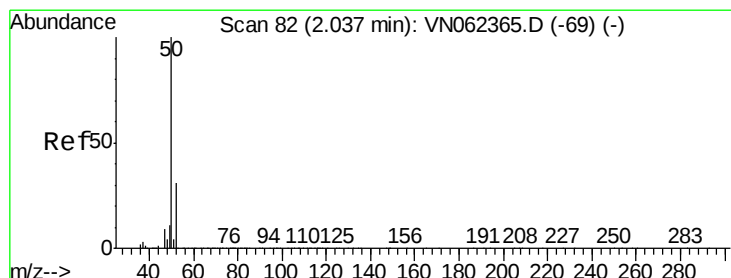
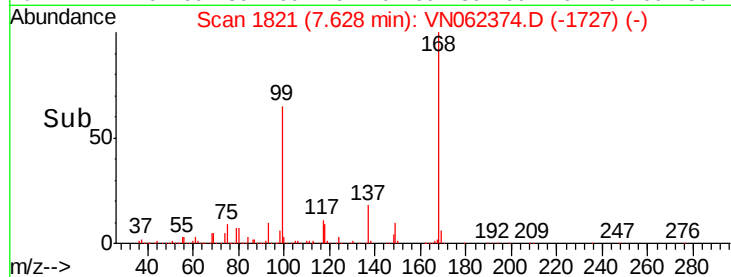
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.245 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062374.D

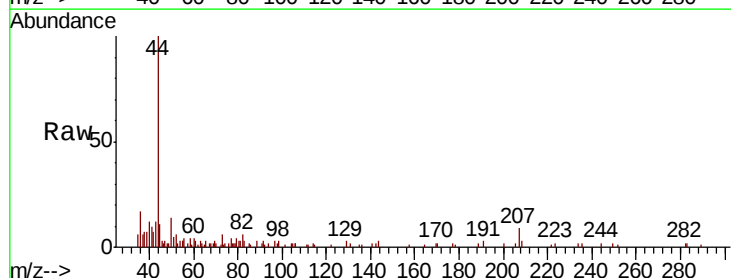
Acq: 6 Jul 2020 19:55

Tgt Ion: 50 Resp: 3739

Ion Ratio Lower Upper

50 100

52 26.6 25.0 37.6



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2000

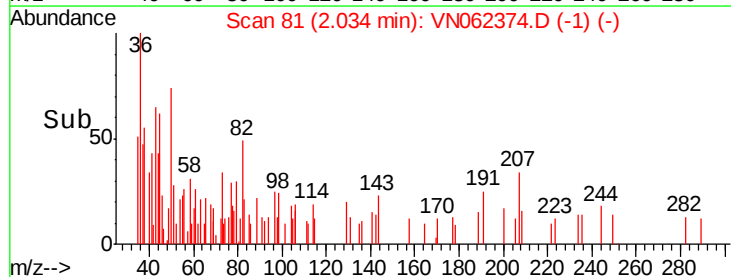
1500

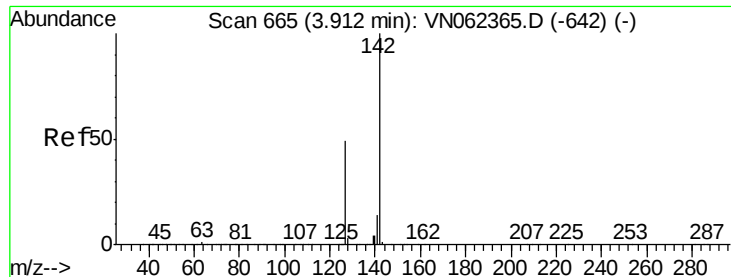
1000

500

0

Time-->

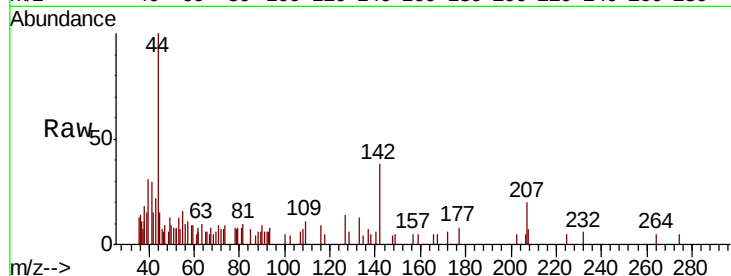




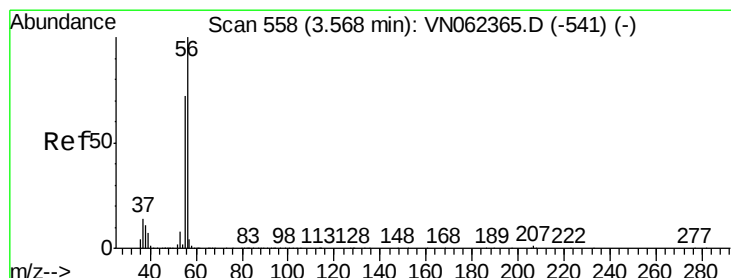
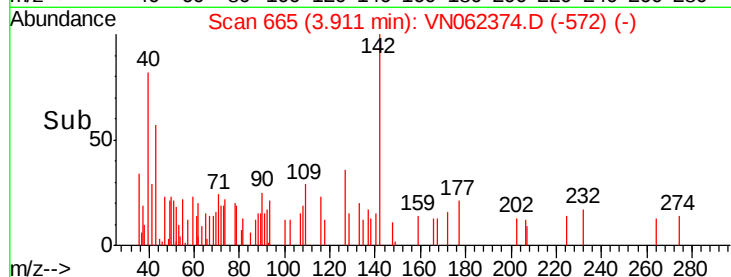
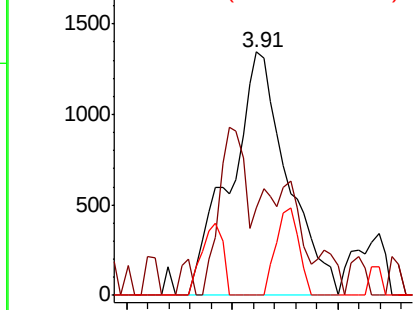
#10
Methvl Iodide
Concen: 0.210 ug/l
RT: 3.91 min Scan# 665
Delta R.T. -0.00 min
Lab File: VN062374.D
Acq: 6 Jul 2020 19:55

Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-616-618

Tot Ion	Ratio	Lower	Upper
142	100		
127	1.9	41.0	61.6#
141	14.3	11.8	17.8

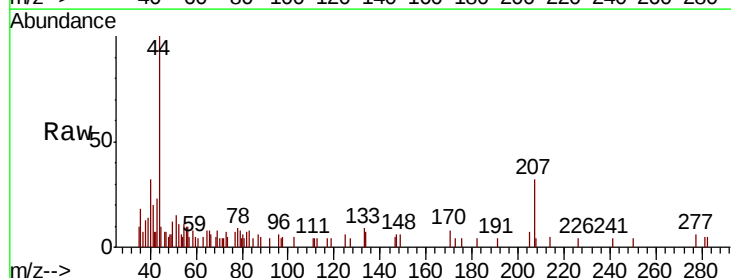


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

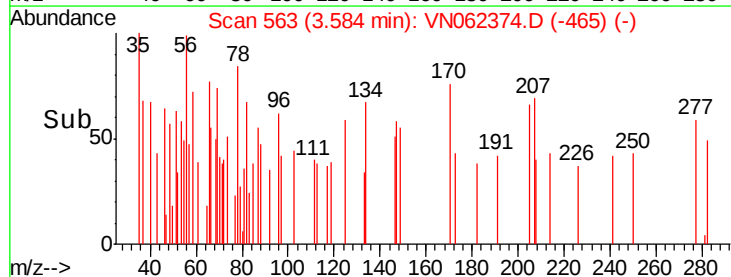
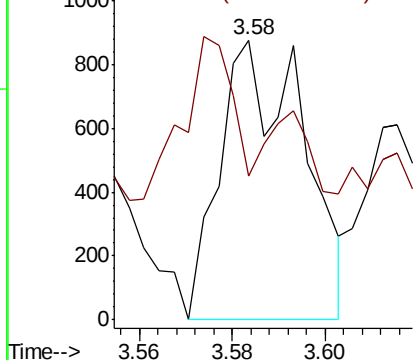


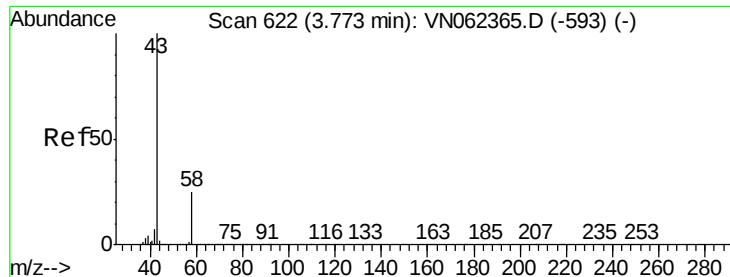
#13
Acrolein
Concen: 1.461 ug/l
RT: 3.58 min Scan# 563
Delta R.T. 0.02 min
Lab File: VN062374.D
Acq: 6 Jul 2020 19:55

Tgt Ion	Ratio	Lower	Upper
56	100		
55	42.7	59.6	89.4#



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 55.00 (54.70 to 55.70): VNO





#16

Acetone

Concen: 6.170 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.02 min

Lab File: VN062374.D

Acq: 6 Jul 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

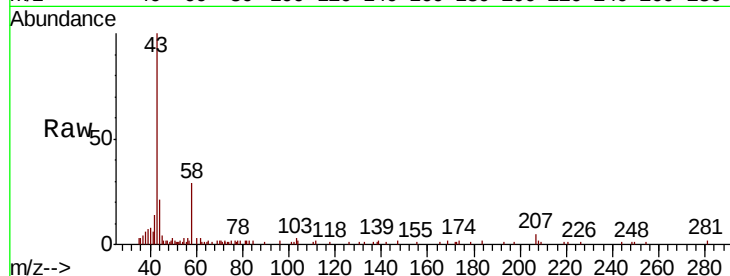
BP-MW180-SOIL-616-618

Tot Ion: 43 Resp: 46632

Ion Ratio Lower Upper

43 100

58 29.0 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

20000

15000

10000

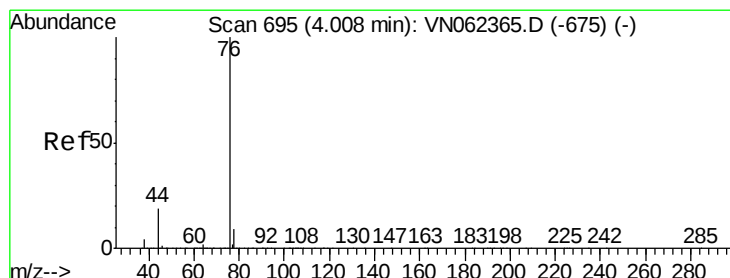
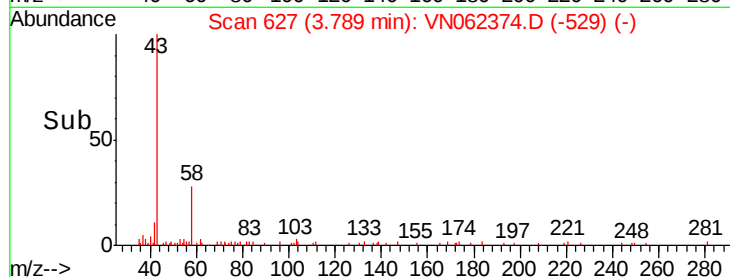
5000

0

3.79

3.75 3.80 3.85

Time-->



#17

Carbon Disulfide

Concen: 0.480 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN062374.D

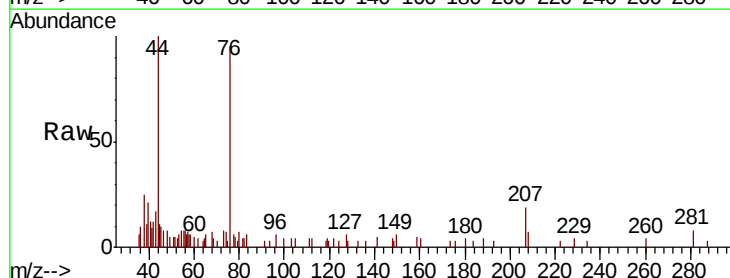
Acq: 6 Jul 2020 19:55

Tgt Ion: 76 Resp: 14157

Ion Ratio Lower Upper

76 100

78 5.7 6.9 10.3#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

6000

5000

4000

3000

2000

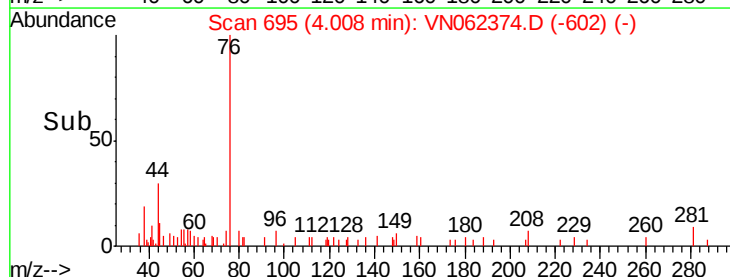
1000

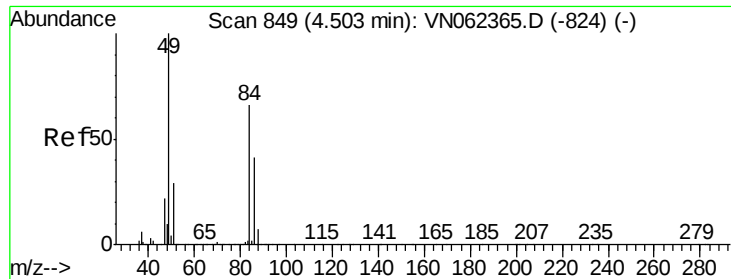
0

4.01

3.90 3.95 4.00 4.05

Time-->

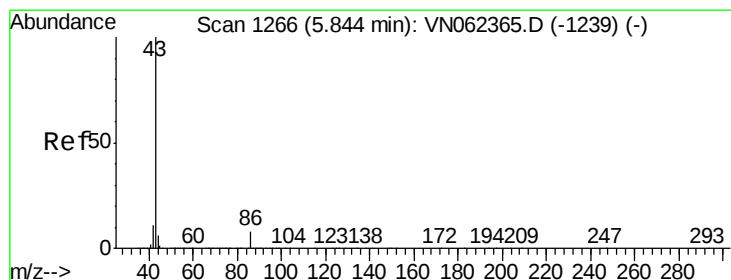
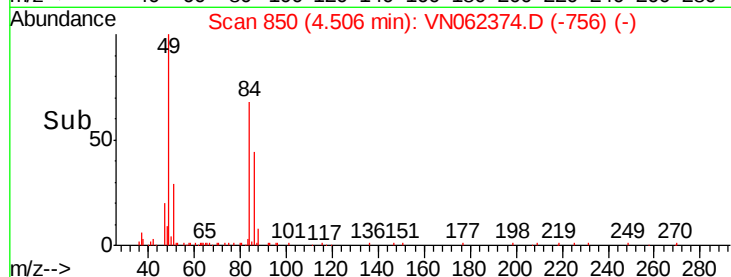
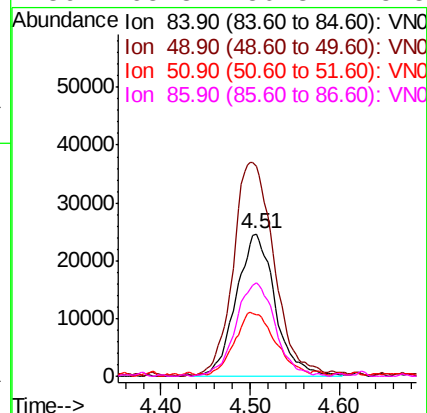
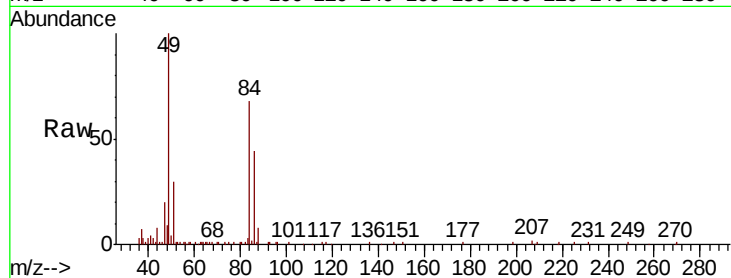




#20
Methvlene Chloride
Concen: 5.450 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN062374.D
Acq: 6 Jul 2020 19:55

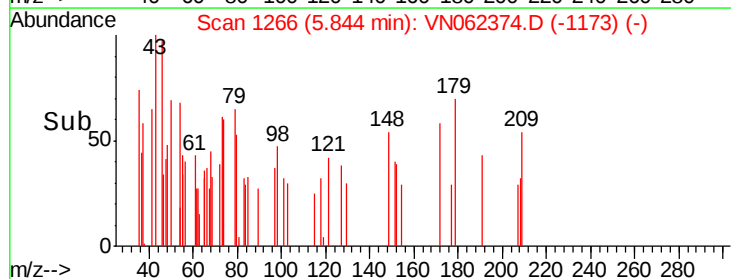
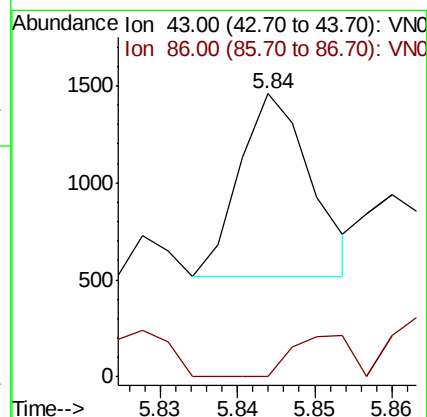
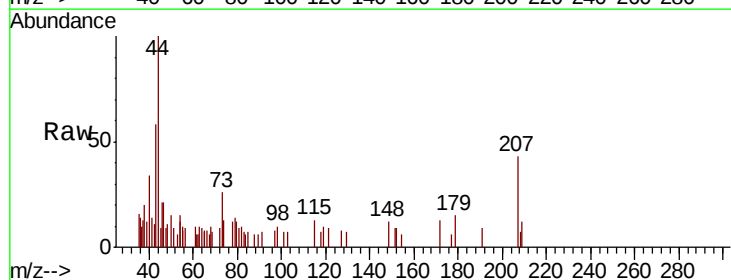
Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-616-618

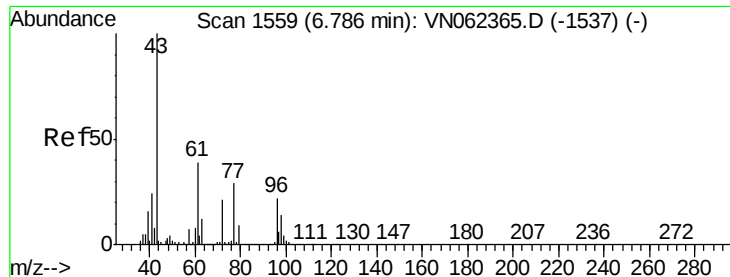
Tot Ion: 84 Resp: 74796
Ion Ratio Lower Upper
84 100
49 147.7 121.8 182.6
51 41.7 35.0 52.4
86 65.8 50.3 75.5



#23
Vinyl Acetate
Concen: Below Cal
RT: 5.84 min Scan# 1266
Delta R.T. -0.00 min
Lab File: VN062374.D
Acq: 6 Jul 2020 19:55

Tgt Ion: 43 Resp: 606
Ion Ratio Lower Upper
43 100
86 0.0 6.6 9.8#

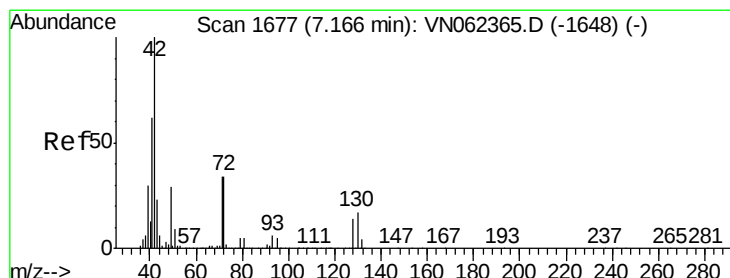
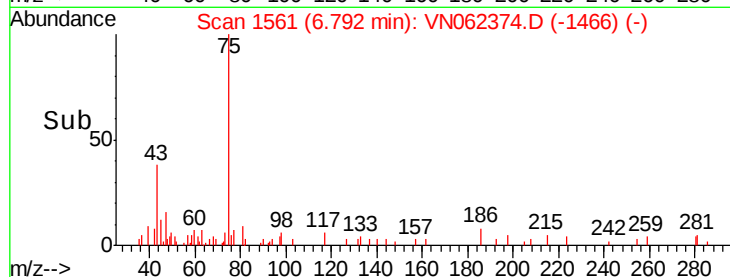
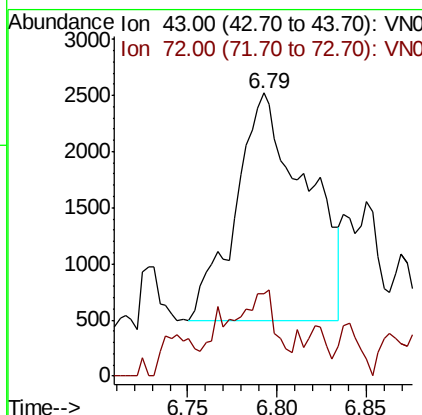
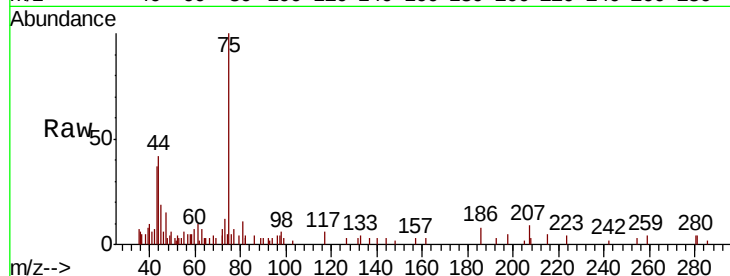




#25
2-Butanone
Concen: 0.585 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VN062374.D
Acq: 6 Jul 2020 19:55

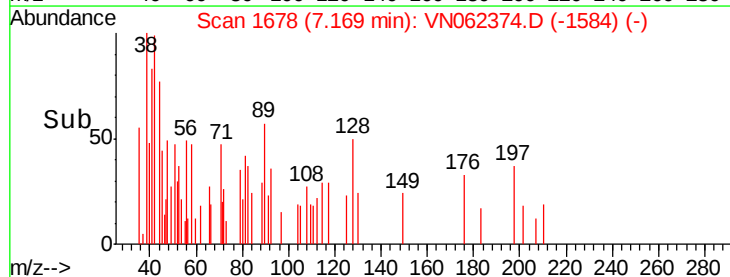
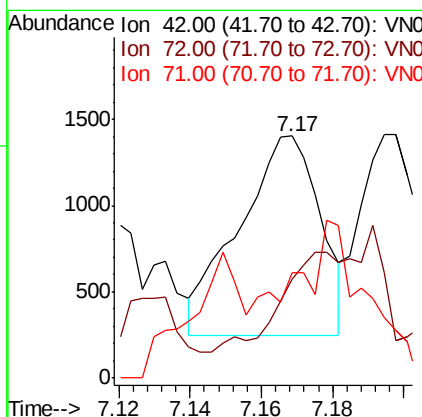
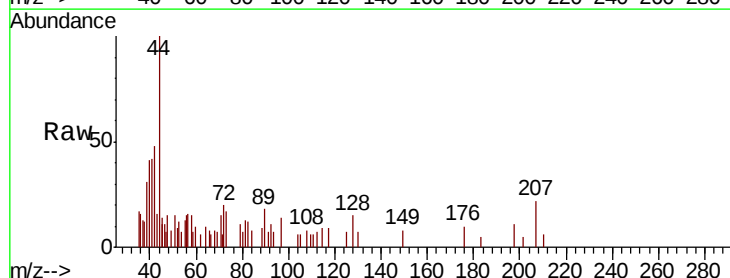
Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-616-618

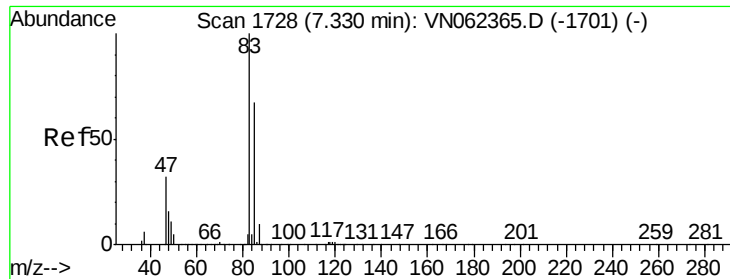
Tot Ion: 43 Resp: 5571
Ion Ratio Lower Upper
43 100
72 23.4 16.4 24.6



#29
Tetrahydrofuran
Concen: 0.300 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062374.D
Acq: 6 Jul 2020 19:55

Tgt Ion: 42 Resp: 1816
Ion Ratio Lower Upper
42 100
72 35.8 26.8 40.2
71 61.6 26.0 39.0#





#30

Chloroform

Concen: 0.830 ug/l

RT: 7.33 min Scan# 1729

Delta R.T. 0.00 min

Lab File: VN062374.D

Acq: 6 Jul 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

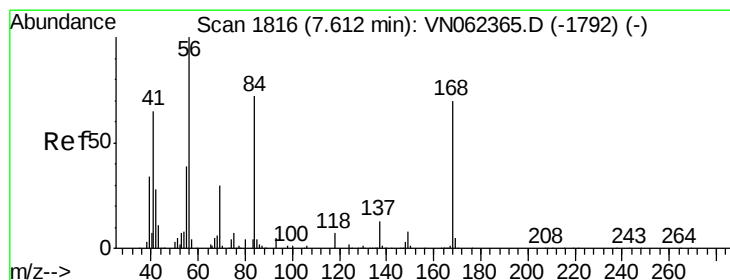
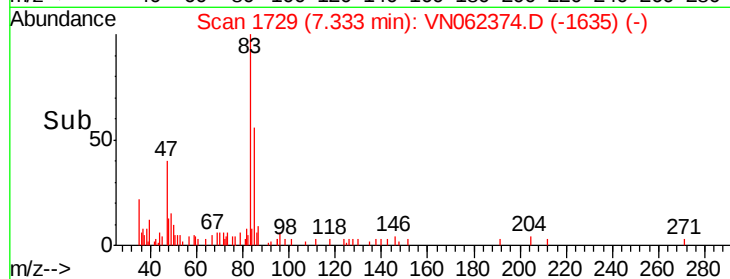
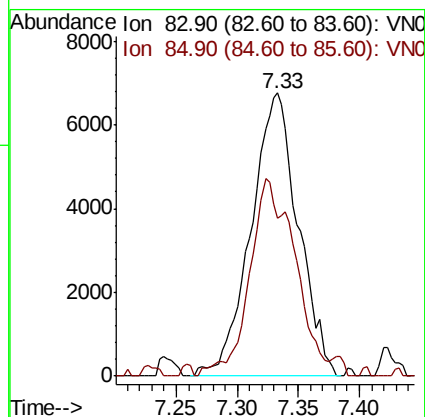
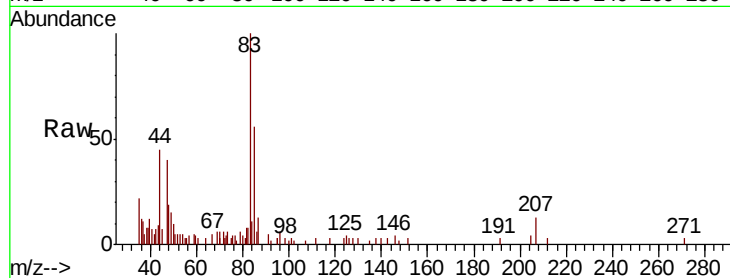
BP-MW180-SOIL-616-618

Tot Ion: 83 Resp: 18170

Ion Ratio Lower Upper

83 100

85 52.1 53.6 80.4#



#31

Cyclohexane

Concen: 1.314 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VN062374.D

Acq: 6 Jul 2020 19:55

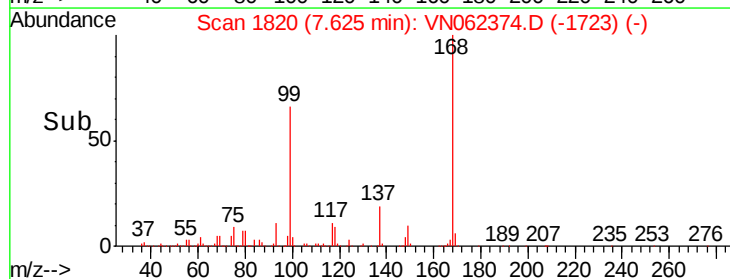
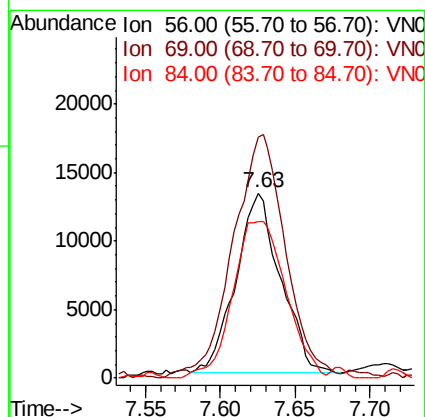
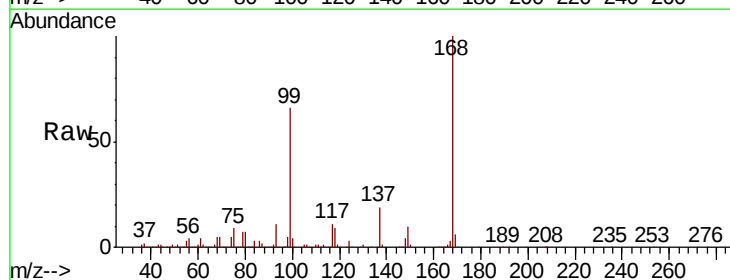
Tgt Ion: 56 Resp: 27322

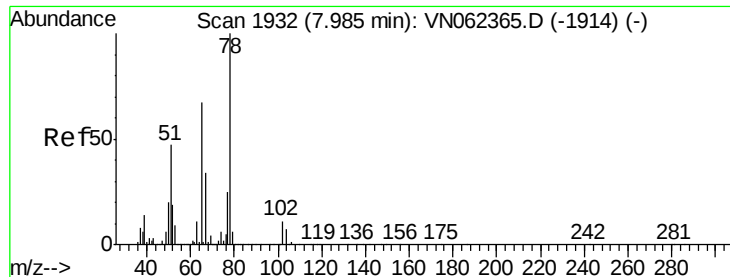
Ion Ratio Lower Upper

56 100

69 132.1 23.7 35.5#

84 84.1 57.2 85.8

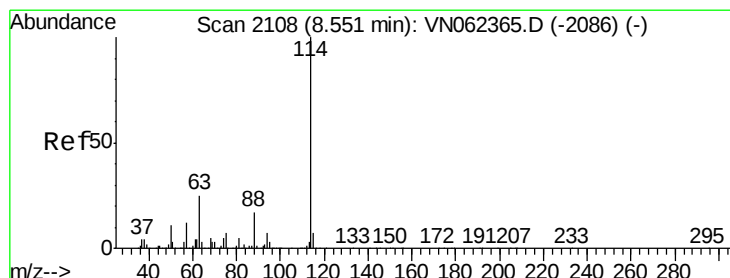
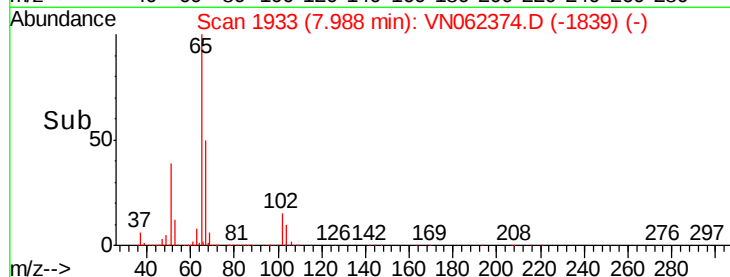
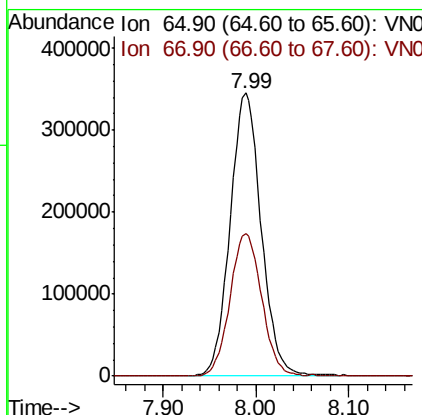
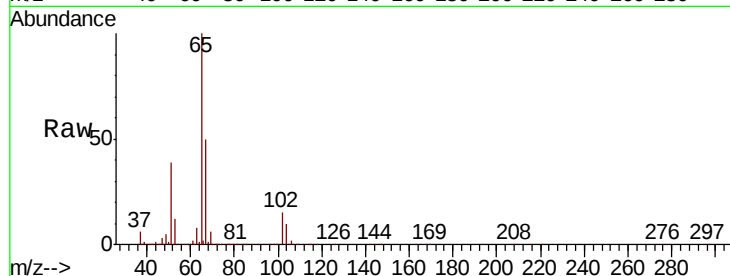




#33
 1,2-Dichloroethane-d4
 Concen: 48.951 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062374.D
 Acq: 6 Jul 2020 19:55

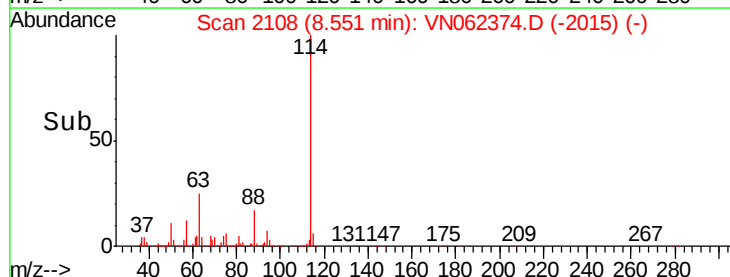
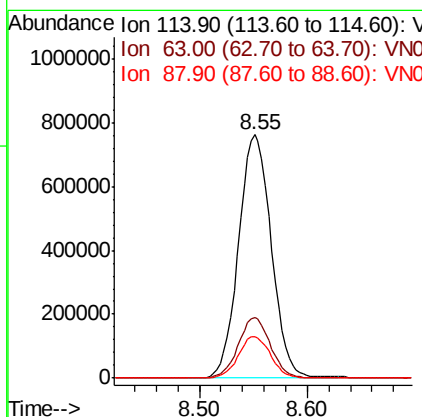
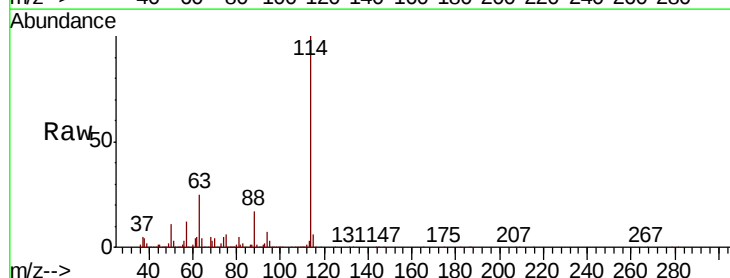
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-616-618

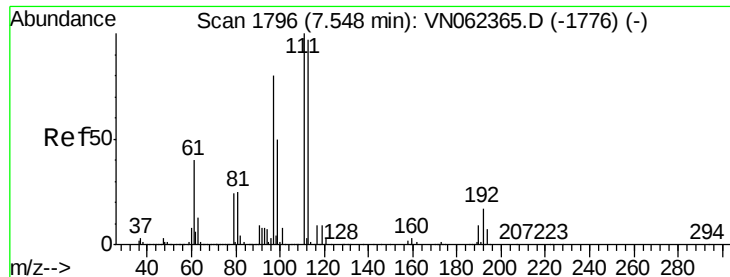
Tot Ion: 65 Resp: 802477
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062374.D
 Acq: 6 Jul 2020 19:55

Tgt Ion: 114 Resp: 1614877
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 49.0
 88 17.1 0.0 34.0

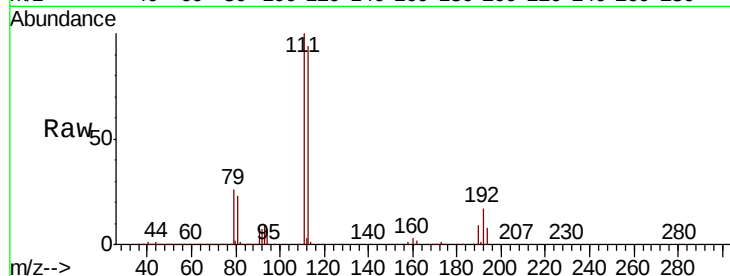




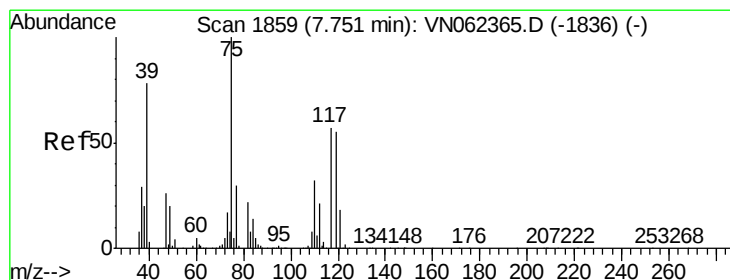
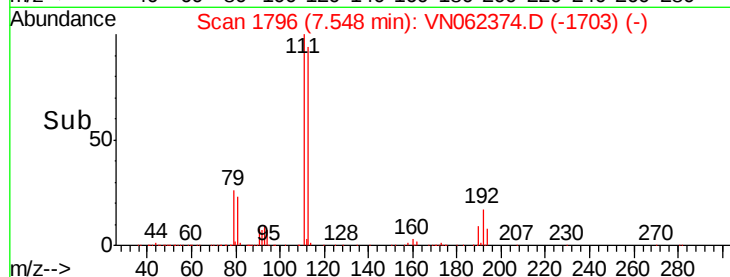
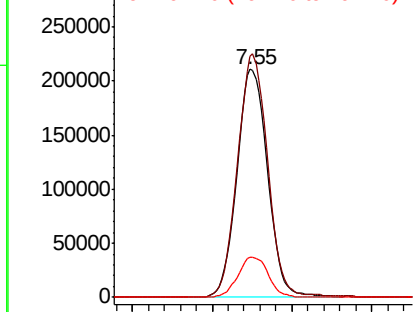
#35
 Dibromofluoromethane
 Concen: 49.630 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062374.D
 Acq: 6 Jul 2020 19:55

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-616-618

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	83.2	124.8
192	17.4	14.2	21.2

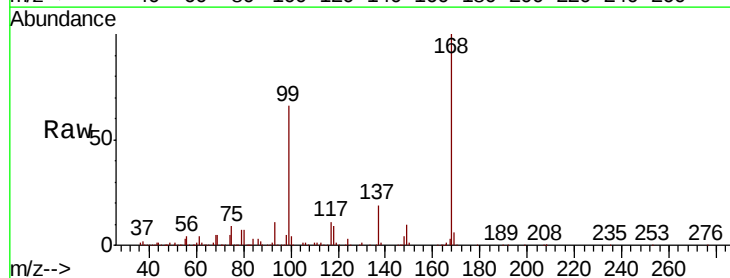


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

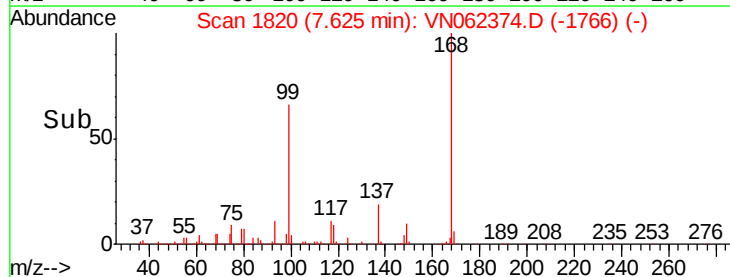
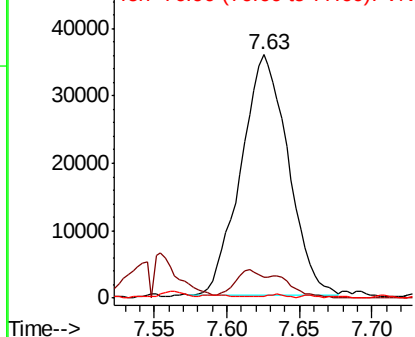


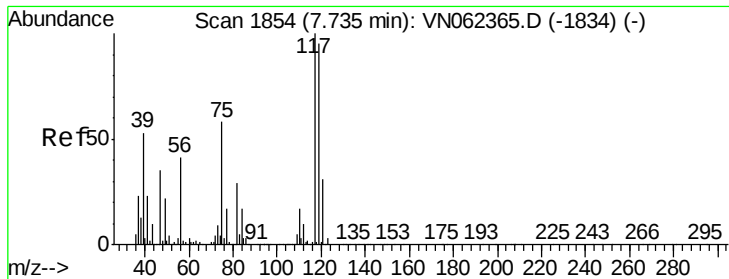
#36
 1,1-Dichloropropene
 Concen: 4.795 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062374.D
 Acq: 6 Jul 2020 19:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.0	15.7	47.1#
77	0.4	24.3	36.5#



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO





#38

Carbon Tetrachloride

Concen: 6.035 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062374.D

Acq: 6 Jul 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-SOIL-616-618

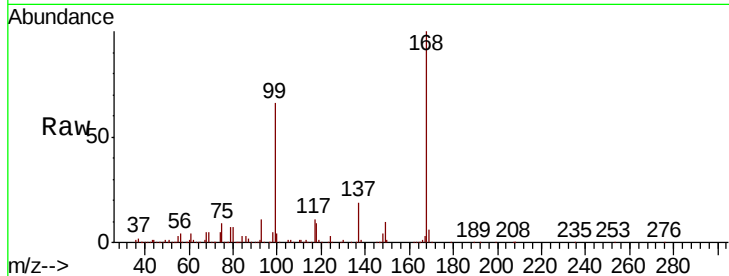
Tot Ion:117 Resp: 102980

Ion Ratio Lower Upper

117 100

119 6.0 75.9 113.9#

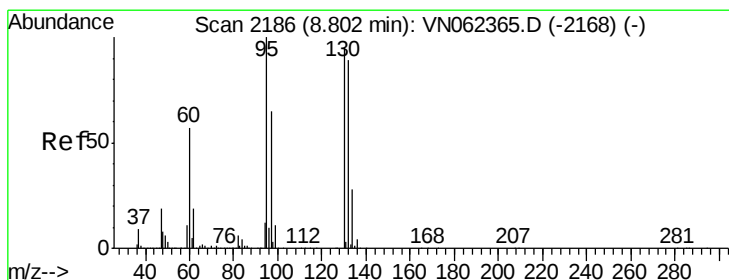
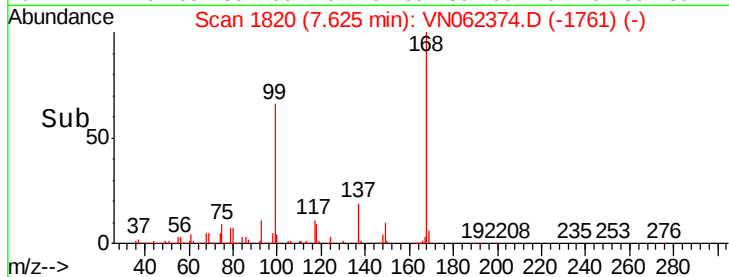
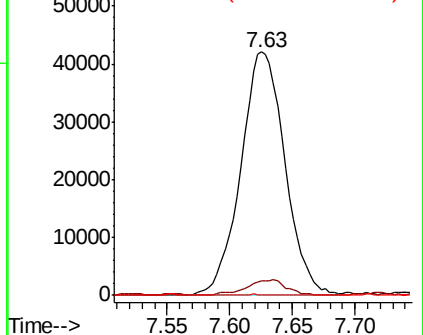
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 0.228 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062374.D

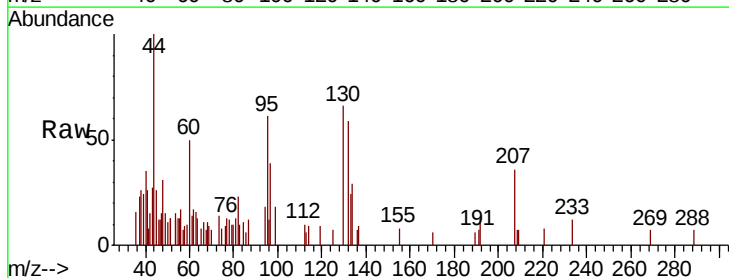
Acq: 6 Jul 2020 19:55

Tgt Ion:130 Resp: 2627

Ion Ratio Lower Upper

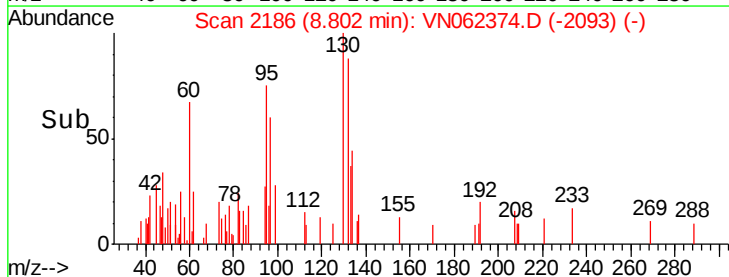
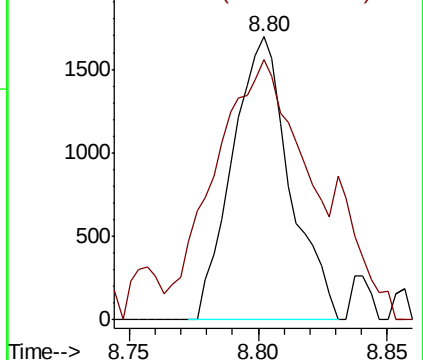
130 100

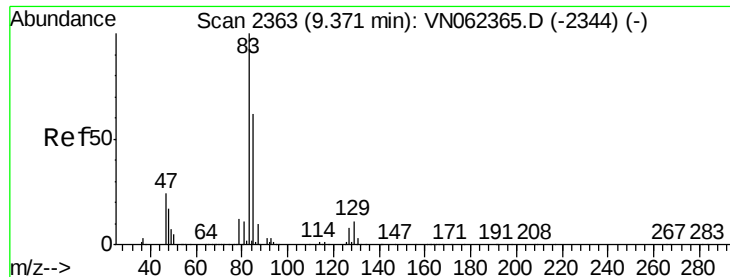
95 64.0 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#47

Bromodichloromethane

Concen: 0.359 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062374.D

Acq: 6 Jul 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-SOIL-616-618

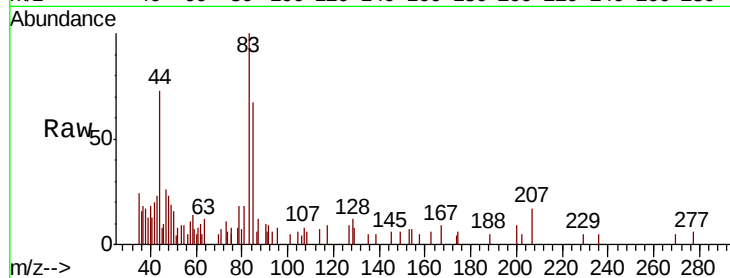
Tot Ion: 83 Resp: 6695

Ion Ratio Lower Upper

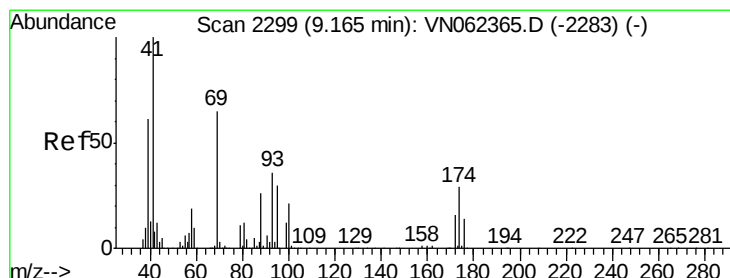
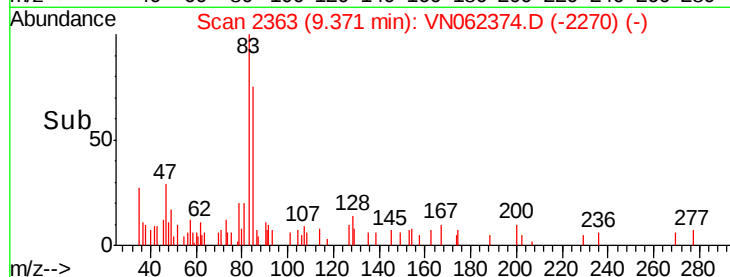
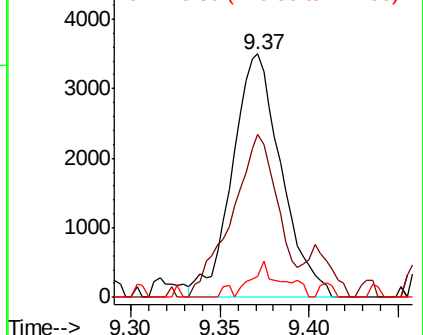
83 100

85 66.7 49.8 74.6

127 8.7 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#49

1,4-Dioxane

Concen: 2.084 ug/l

RT: 9.10 min Scan# 2278

Delta R.T. -0.07 min

Lab File: VN062374.D

Acq: 6 Jul 2020 19:55

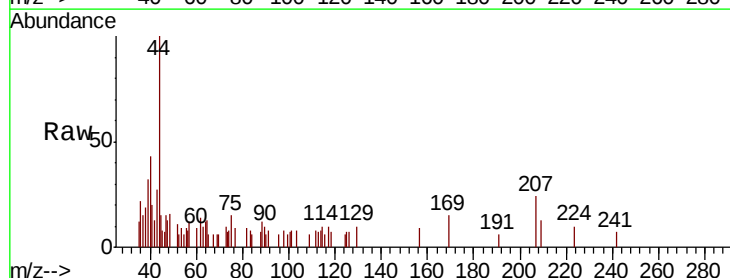
Tgt Ion: 88 Resp: 486

Ion Ratio Lower Upper

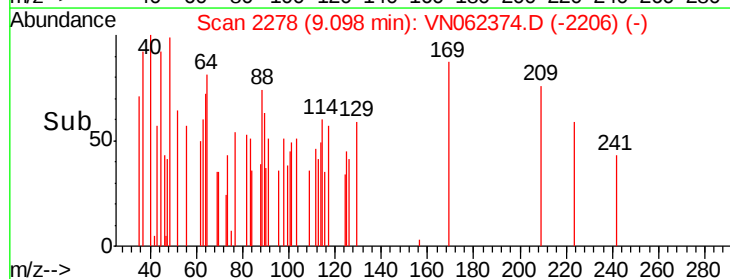
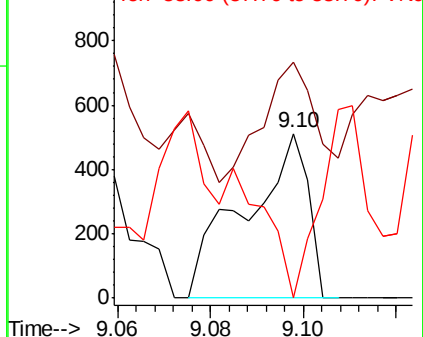
88 100

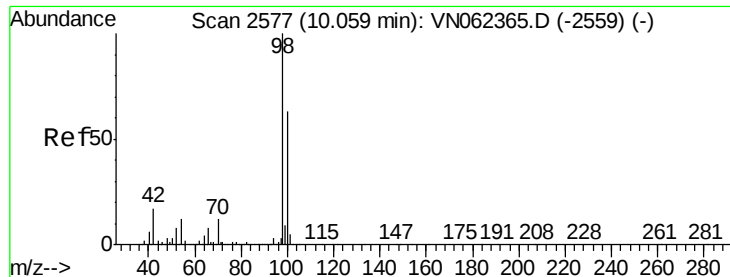
43 45.9 34.0 51.0

58 85.0 63.0 94.4



Abundance Ion 88.00 (87.70 to 88.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO





#50

Toluene-d8

Concen: 50.761 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062374.D

Acq: 6 Jul 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

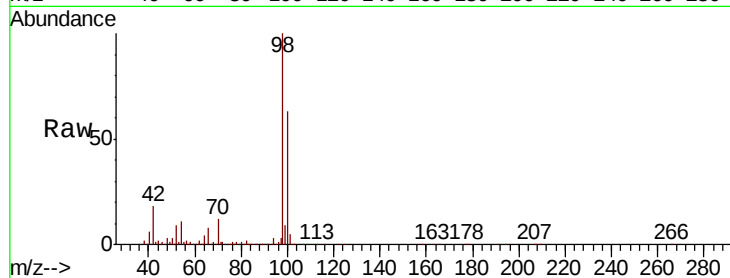
BP-MW180-SOIL-616-618

Tot Ion: 98 Resp: 2090450

Ion Ratio Lower Upper

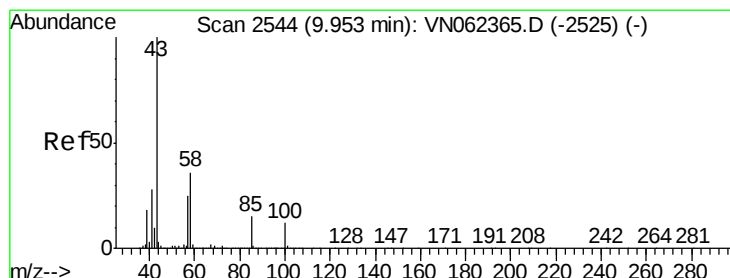
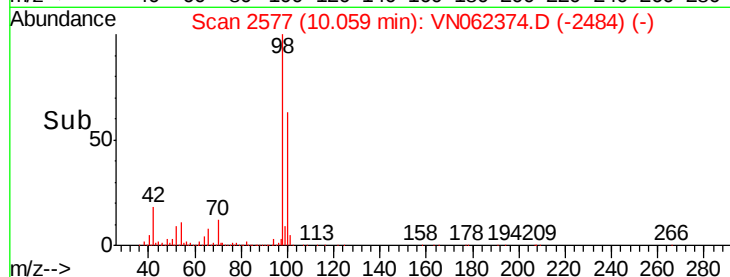
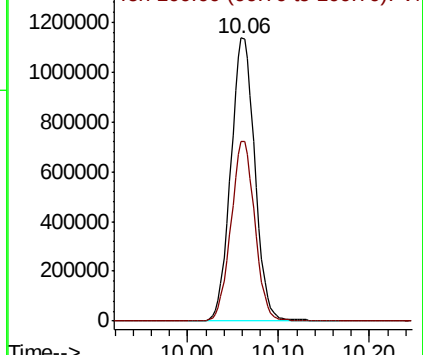
98 100

100 63.1 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 0.290 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062374.D

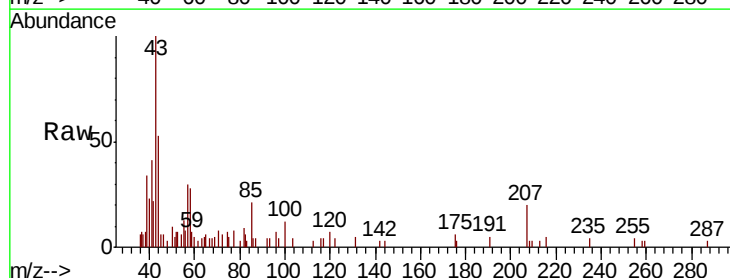
Acq: 6 Jul 2020 19:55

Tgt Ion: 43 Resp: 9779

Ion Ratio Lower Upper

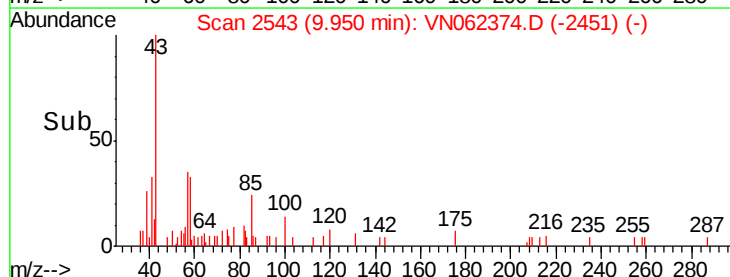
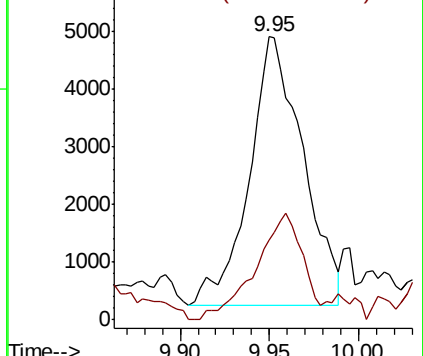
43 100

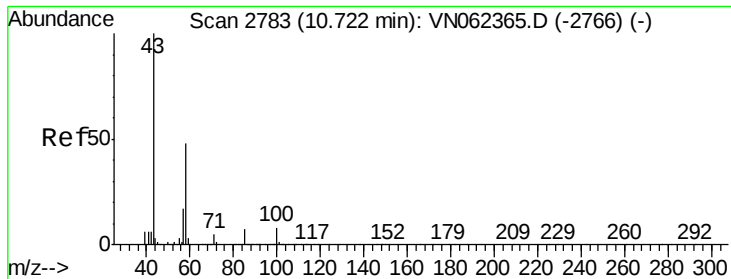
58 34.9 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

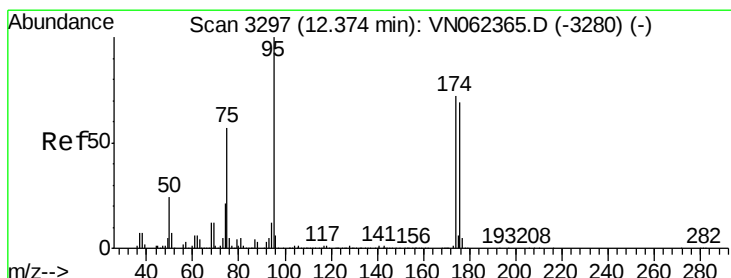
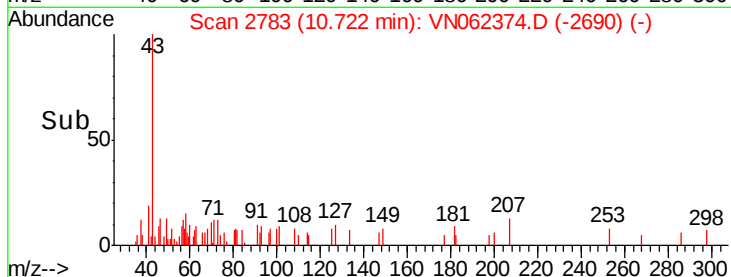
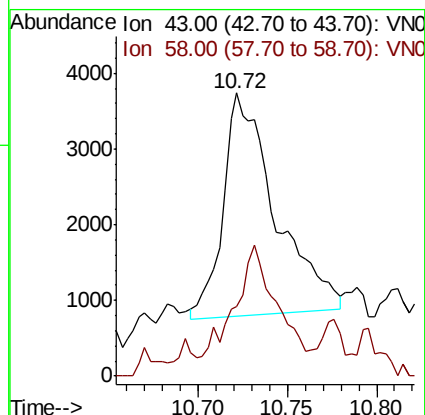
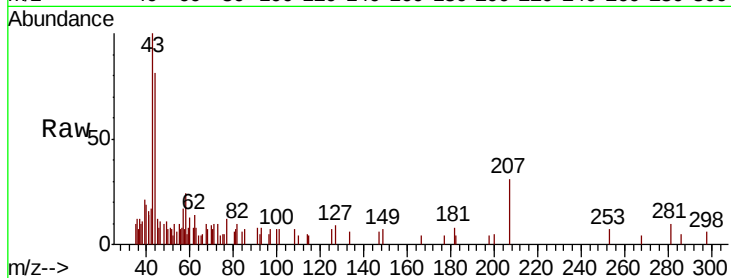




#59
2-Hexanone
Concen: 0.438 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062374.D
Acq: 6 Jul 2020 19:55

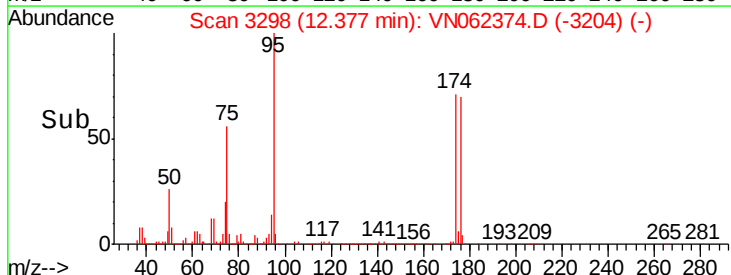
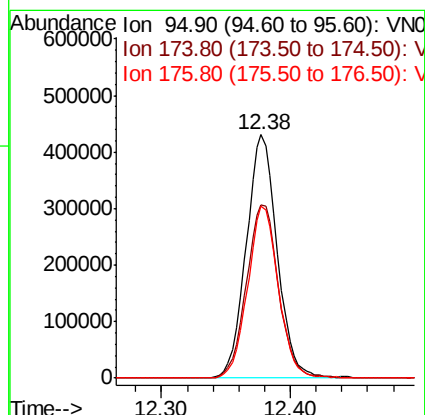
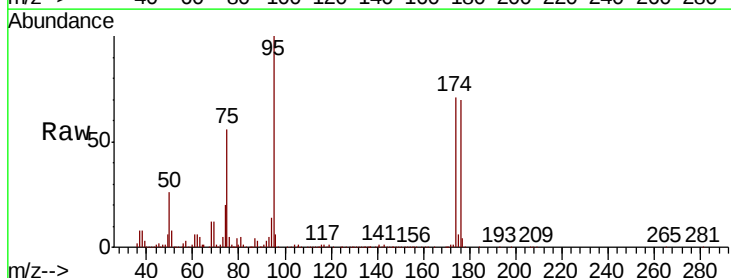
Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-SOIL-616-618

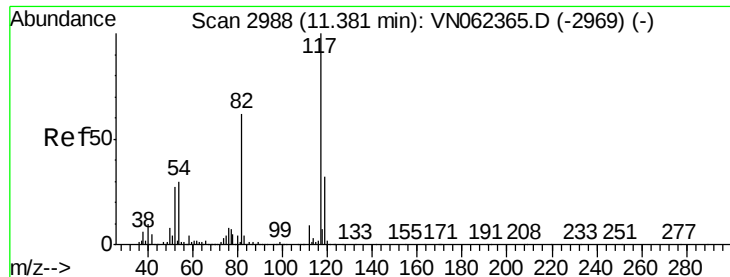
Tot Ion: 43 Resp: 5969
Ion Ratio Lower Upper
43 100
58 53.6 23.5 70.6



#62
4-Bromofluorobenzene
Concen: 45.749 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062374.D
Acq: 6 Jul 2020 19:55

Tgt Ion: 95 Resp: 721571
Ion Ratio Lower Upper
95 100
174 73.8 0.0 145.8
176 69.9 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: VN062374.D

Acq: 6 Jul 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-SOIL-616-618

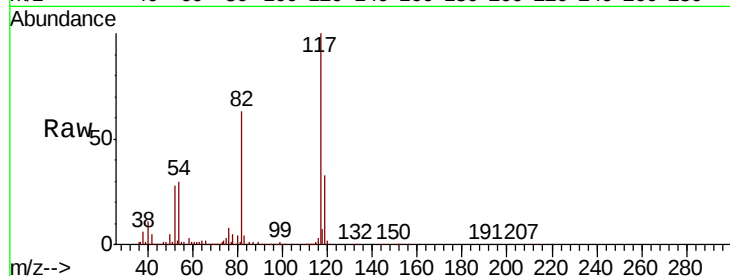
Tot Ion:117 Resp: 1522221

Ion Ratio Lower Upper

117 100

82 63.2 49.4 74.2

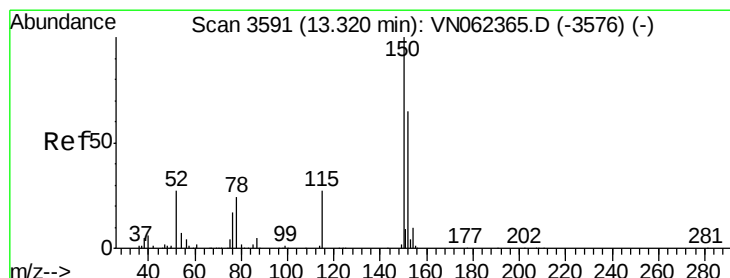
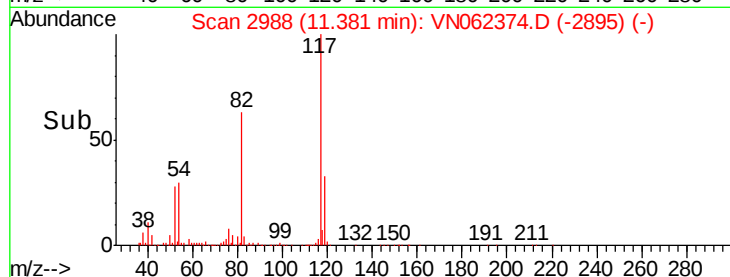
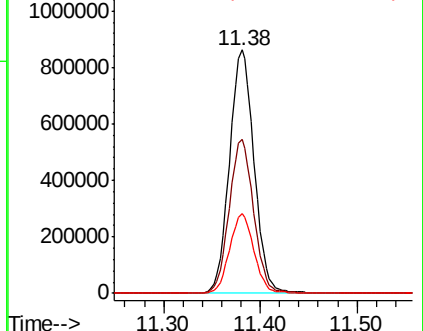
119 32.7 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062374.D

Acq: 6 Jul 2020 19:55

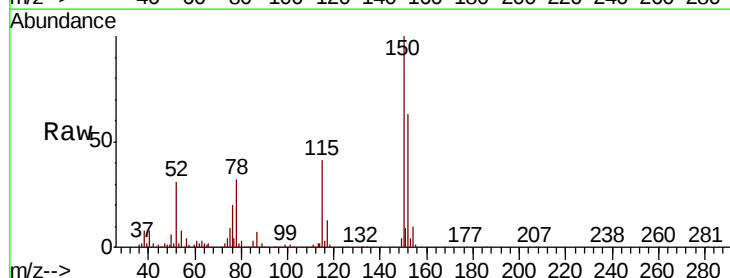
Tgt Ion:152 Resp: 573015

Ion Ratio Lower Upper

152 100

115 61.5 30.5 91.5

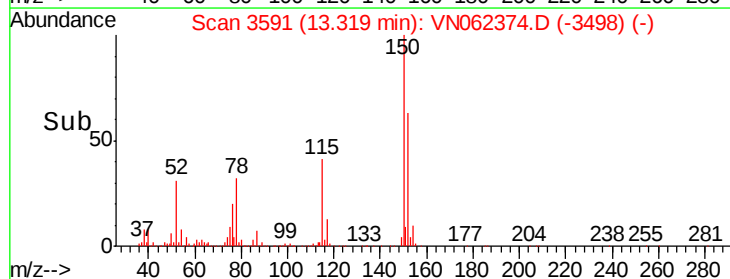
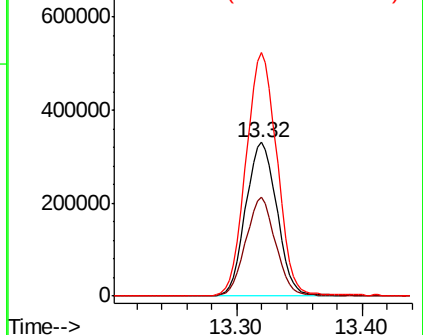
150 158.2 0.0 346.8

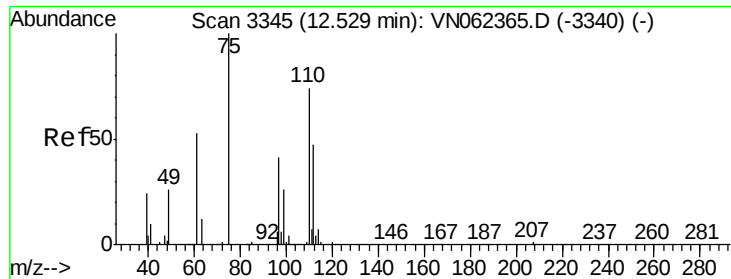


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 30.423 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062374.D

Acq: 6 Jul 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

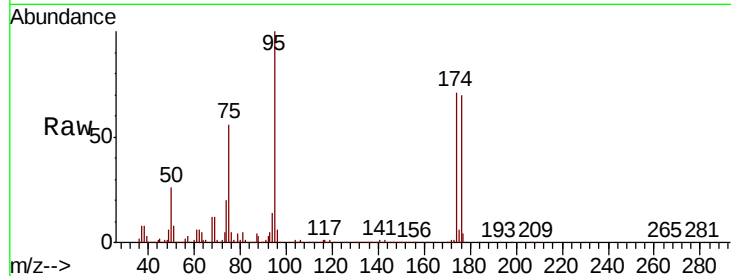
BP-MW180-SOIL-616-618

Tot Ion: 75 Resp: 421064

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN062365.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN062365.D (-3340) (-)

12.38

250000

200000

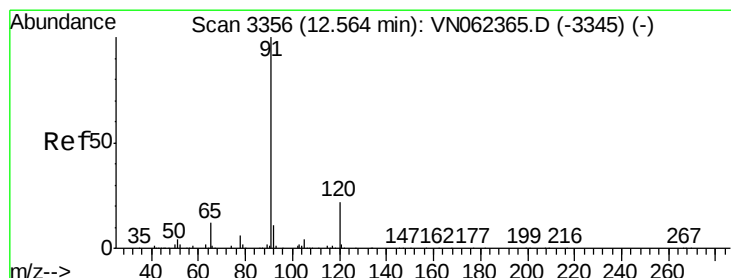
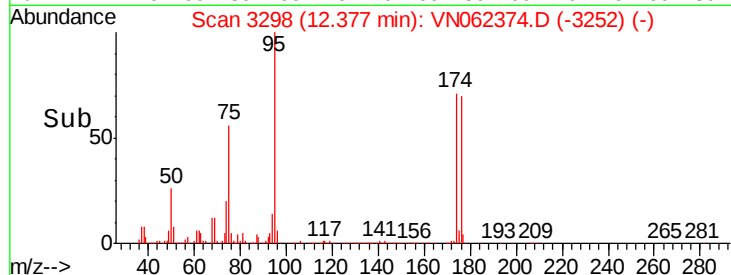
150000

100000

50000

0

Time-->



#78

n-propylbenzene

Concen: 0.395 ug/l

RT: 12.57 min Scan# 3358

Delta R.T. 0.01 min

Lab File: VN062374.D

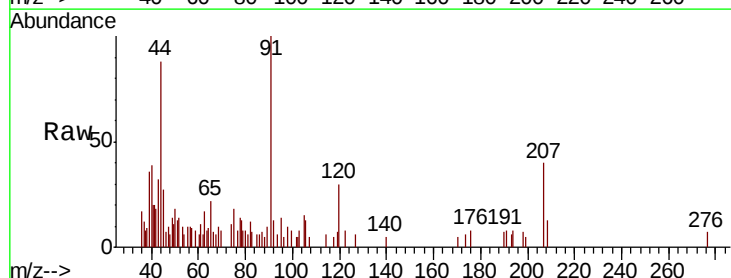
Acq: 6 Jul 2020 19:55

Tgt Ion: 91 Resp: 6449

Ion Ratio Lower Upper

91 100

120 23.0 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN062365.D (-3345) (-)

Ion 120.00 (119.70 to 120.70): VN062365.D (-3345) (-)

12.57

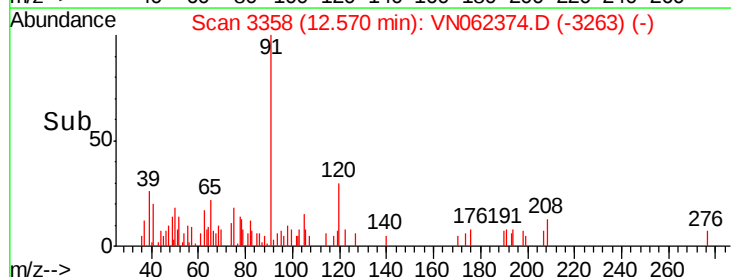
3000

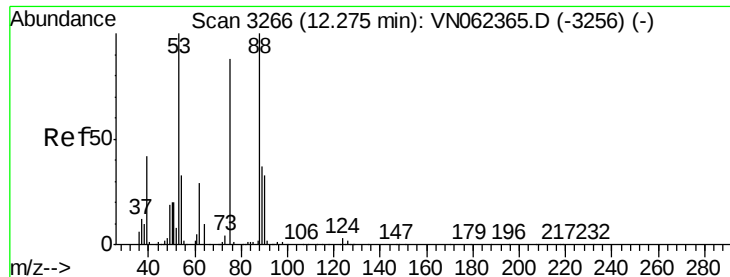
2000

1000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 86.999 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062374.D

Acq: 6 Jul 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-SOIL-616-618

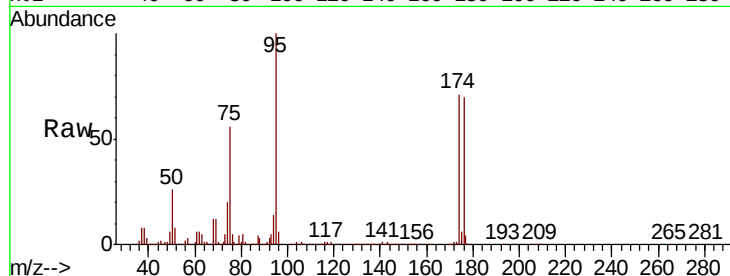
Tot Ion: 75 Resp: 421064

Ion Ratio Lower Upper

75 100

53 0.3 92.3 138.5#

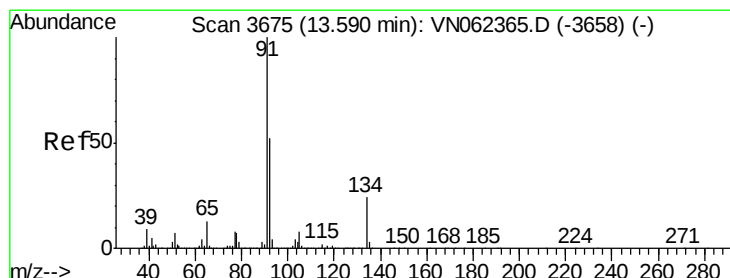
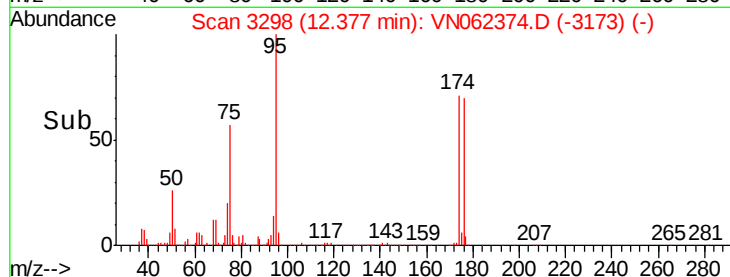
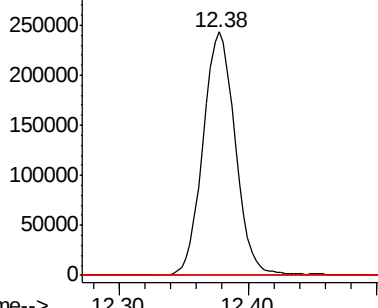
89 0.0 37.0 55.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#89

n-Butylbenzene

Concen: 0.259 ug/l

RT: 13.60 min Scan# 3677

Delta R.T. 0.01 min

Lab File: VN062374.D

Acq: 6 Jul 2020 19:55

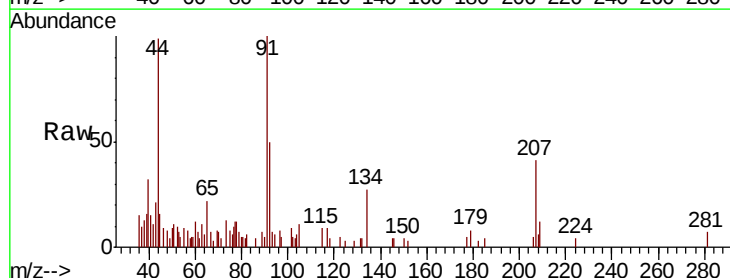
Tgt Ion: 91 Resp: 7802

Ion Ratio Lower Upper

91 100

92 62.4 25.7 77.1

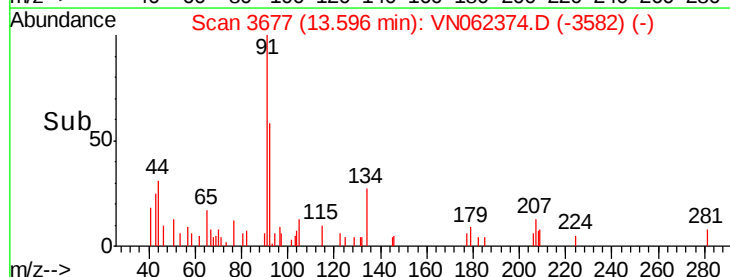
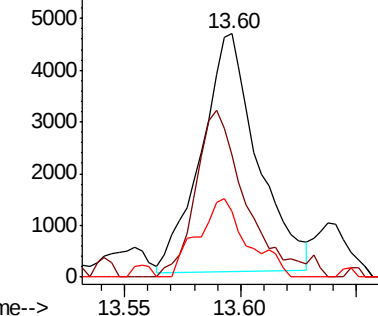
134 28.8 11.7 35.1

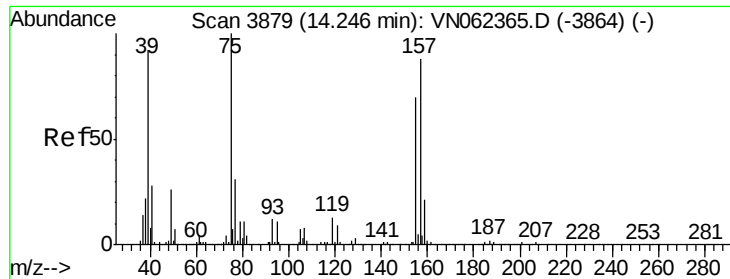


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V

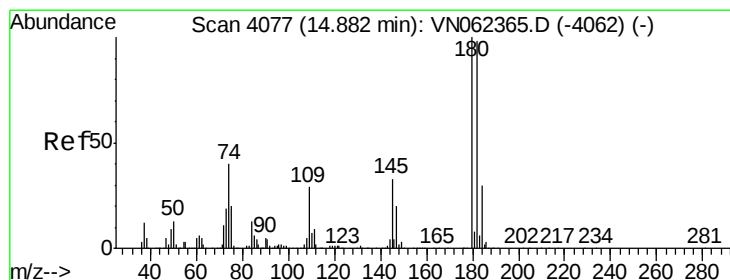
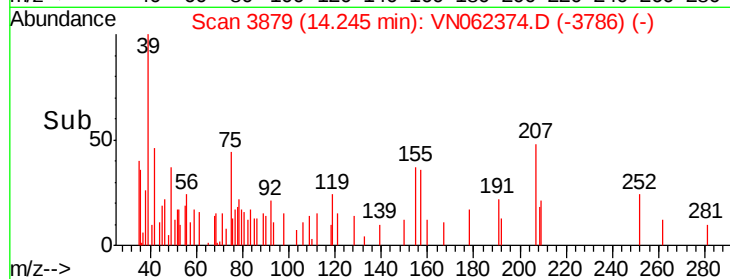
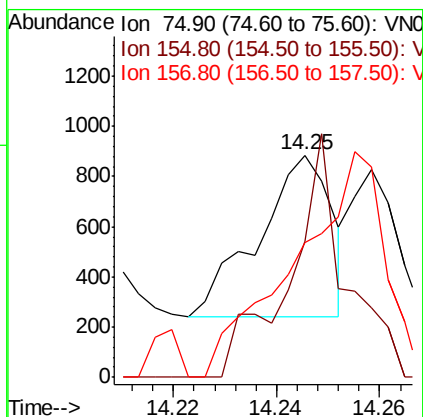
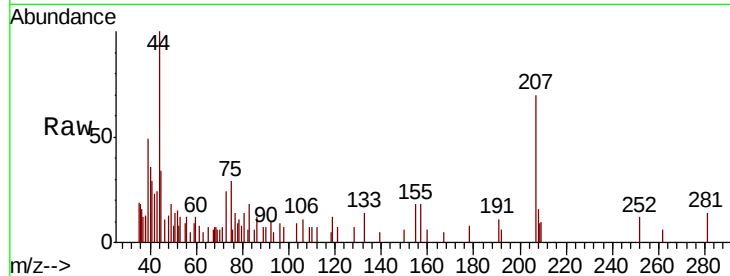




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.216 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062374.D
 Acq: 6 Jul 2020 19:55

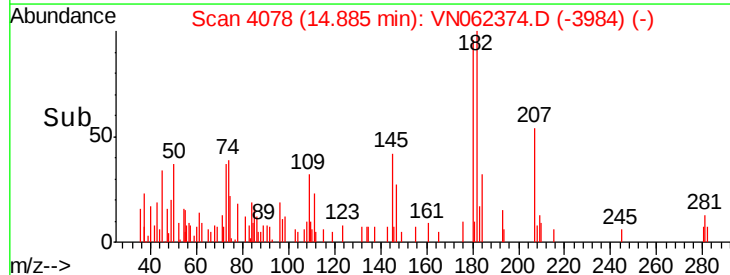
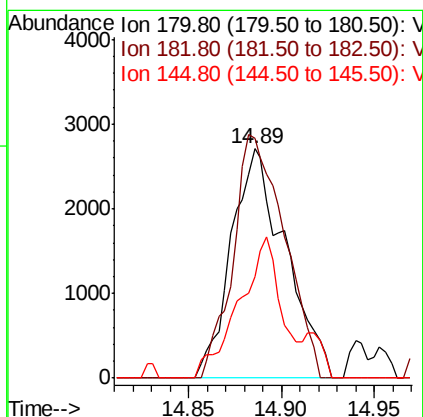
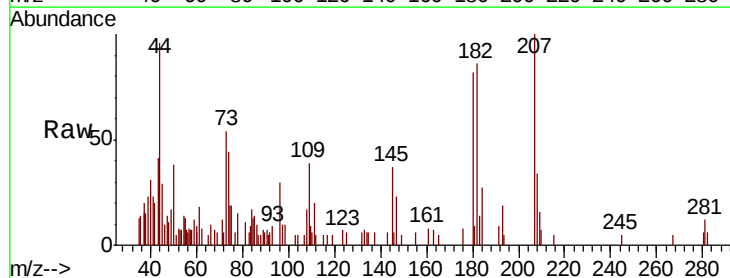
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-616-618

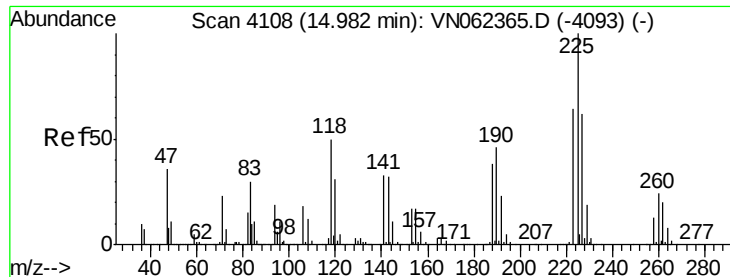
Tot Ion: 75 Resp: 628
 Ion Ratio Lower Upper
 75 100
 155 115.4 34.1 102.2#
 157 170.5 43.3 129.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.299 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062374.D
 Acq: 6 Jul 2020 19:55

Tgt Ion:180 Resp: 5518
 Ion Ratio Lower Upper
 180 100
 182 100.4 47.6 142.8
 145 48.4 15.9 47.7#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 14.98 min Scan# 4109

Delta R.T. 0.00 min

Lab File: VN062374.D

Acq: 6 Jul 2020 19:55

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-SOIL-616-618

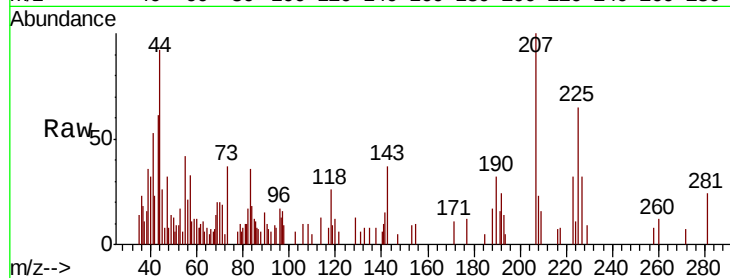
Tot Ion:225 Resp: 2859

Ion Ratio Lower Upper

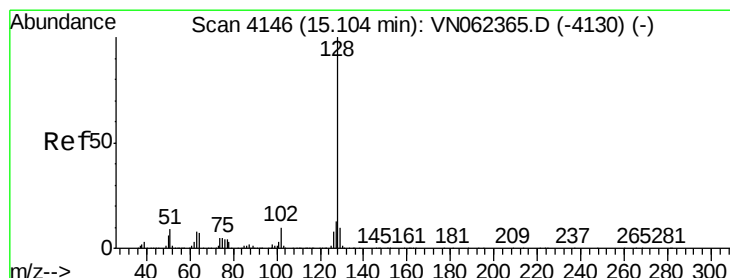
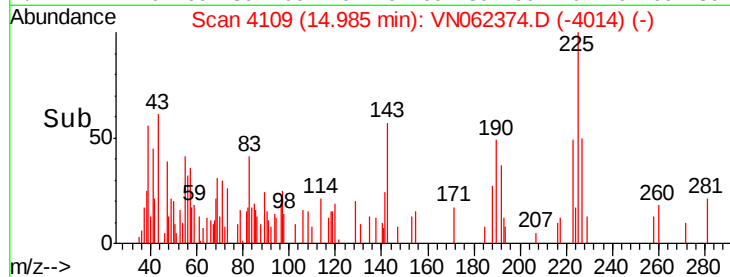
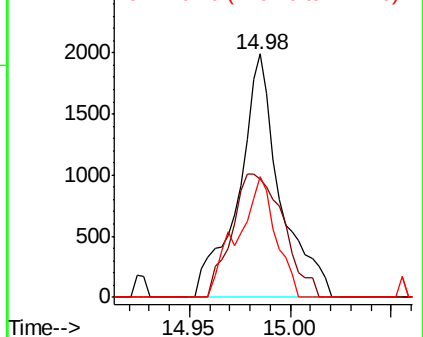
225 100

223 63.2 31.7 95.1

227 45.8 30.3 90.8



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 3.040 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062374.D

Acq: 6 Jul 2020 19:55

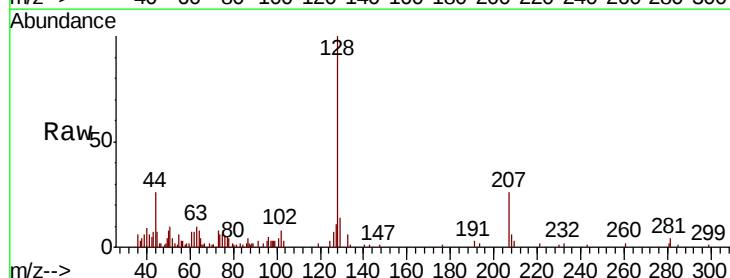
Tgt Ion:128 Resp: 24806

Ion Ratio Lower Upper

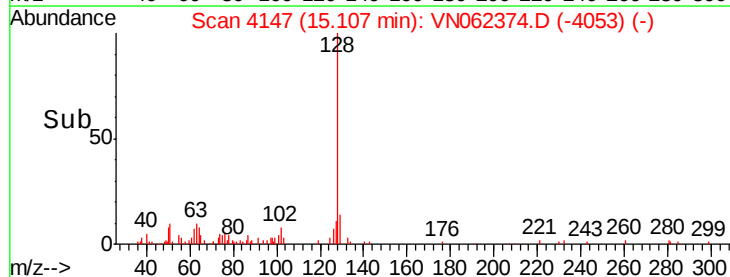
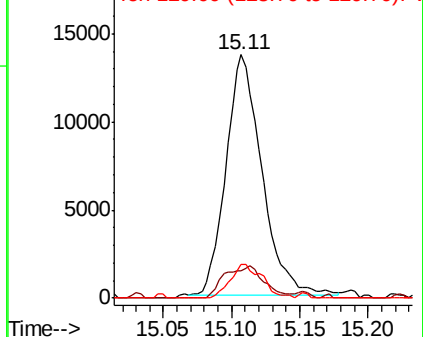
128 100

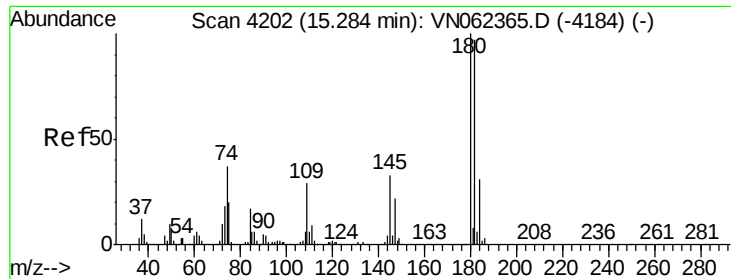
127 15.0 10.8 16.2

129 12.5 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

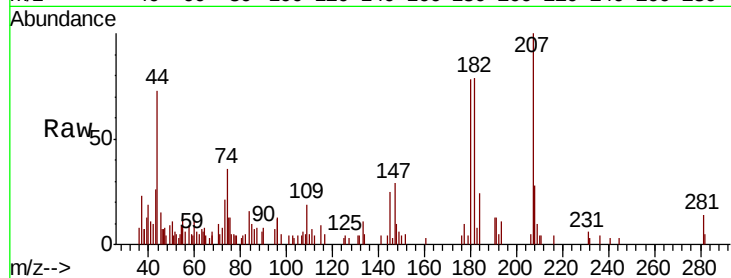




#96
 1,2,3-Trichlorobenzene
 Concen: 0.892 ug/l
 RT: 15.29 min Scan# 4204
 Delta R.T. 0.01 min
 Lab File: VN062374.D
 Acq: 6 Jul 2020 19:55

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-SOIL-616-618

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.0	47.9	143.7
145	24.2	16.4	49.2



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

