

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083118\
 Data File : VN050991.D
 Acq On : 31 Aug 2018 16:28
 Operator : MD\SY
 Sample : J4725-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CONCRETE-BEDROCK

Quant Time: Aug 31 23:02:54 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	553336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	894529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	773822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	253091	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	361229	54.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.46%	
35) Dibromofluoromethane	7.59	113	346065	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
50) Toluene-d8	10.09	98	1234940	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	
62) 4-Bromofluorobenzene	12.40	95	322838	36.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.02%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	2214	0.24	ug/l	99
5) Bromomethane	2.57	94	2403	Below	Cal	86
10) Methyl Iodide	3.96	142	666	6.44	ug/l #	55
11) Tert butyl alcohol	4.80	59	629	1.48	ug/l #	72
14) Allyl chloride	4.55	41	8884	0.92	ug/l #	26
16) Acetone	3.83	43	10763	Below	Cal	91
18) Methyl Acetate	4.34	43	16036	2.55	ug/l #	70
20) Methylene Chloride	4.55	84	235998	31.43	ug/l	98
25) 2-Butanone	6.85	43	6498	2.42	ug/l	90
30) Chloroform	7.38	83	12921	1.05	ug/l	93
31) Cyclohexane	7.66	56	9593	1.30	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	36599	3.47	ug/l #	48
37) Ethyl Acetate	6.85	43	6498	1.07	ug/l #	67
38) Carbon Tetrachloride	7.67	117	48098	4.51	ug/l #	18
43) Isopropyl Acetate	8.17	43	216997	20.81	ug/l	94
44) Trichloroethene	8.84	130	6120	0.73	ug/l	100
47) Bromodichloromethane	9.40	83	3575	0.35	ug/l #	85
48) Methyl methacrylate	9.18	41	6910	1.30	ug/l #	16
51) 4-Methyl-2-Pentanone	9.99	43	1397	0.22	ug/l #	35
52) Toluene	10.16	92	10038	0.53	ug/l	95
56) Ethyl methacrylate	10.23	69	885	2.44	ug/l #	79
59) 2-Hexanone	10.77	43	15723	3.80	ug/l #	60
64) Tetrachloroethene	10.63	164	2521	0.34	ug/l	93
67) Ethyl Benzene	11.51	91	7505	0.23	ug/l	100
68) m/p-Xylenes	11.62	106	3904	0.31	ug/l	98
70) Styrene	11.96	104	442	1.29	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.41	83	30	Below	Cal #	1
76) 1,2,3-Trichloropropane	12.40	75	151577	34.19	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	151577	115.59	ug/l #	15
90) Hexachloroethane	13.89	117	381	0.31	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	98	4.10	ug/l #	31
95) Naphthalene	15.13	128	81436	12.58	ug/l	98

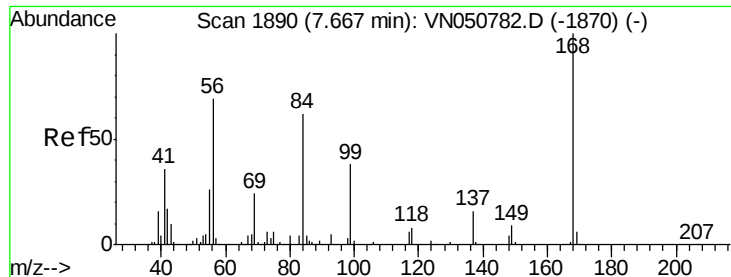
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083118\
Data File : VN050991.D
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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050991.D

Acq: 31 Aug 2018 16:28

Instrument :

MSVOA_N

ClientSampleId :

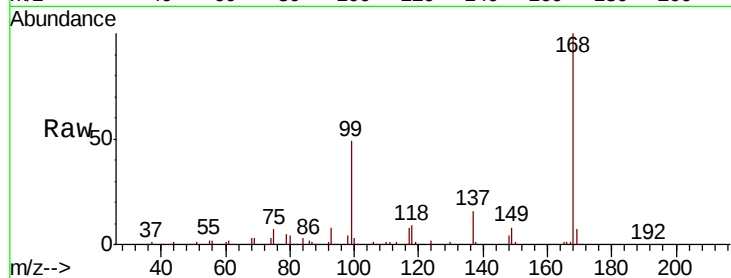
CONCRETE-BEDROCK

Tot Ion:168 Resp: 553336

Ion Ratio Lower Upper

168 100

99 48.8 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

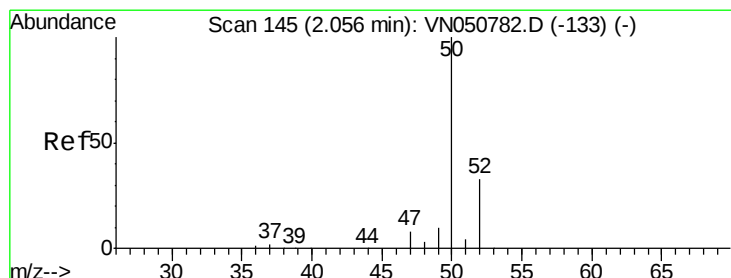
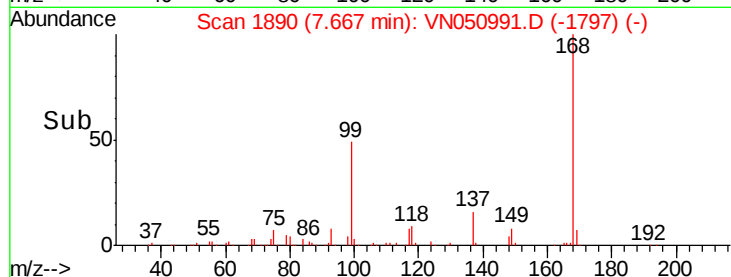
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.24 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN050991.D

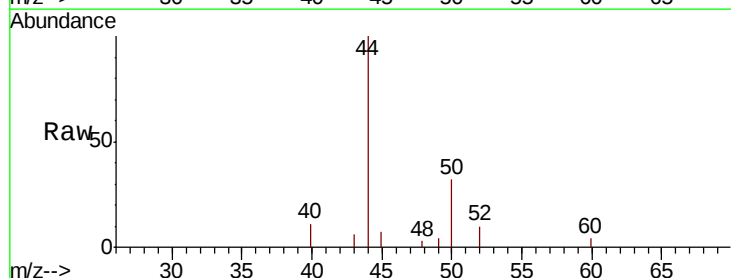
Acq: 31 Aug 2018 16:28

Tgt Ion: 50 Resp: 2214

Ion Ratio Lower Upper

50 100

52 32.4 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

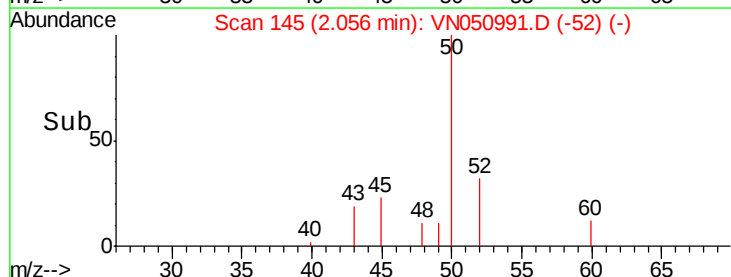
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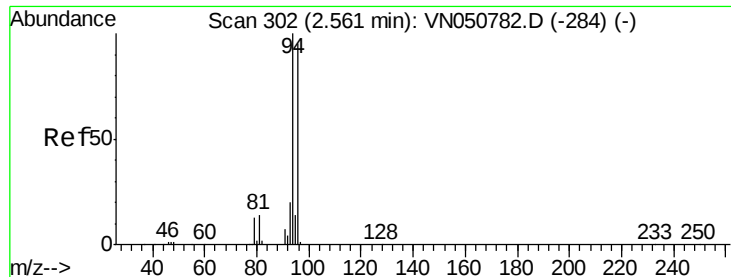
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050991.D

Acq: 31 Aug 2018 16:28

Instrument :

MSVOA_N

ClientSampleId :

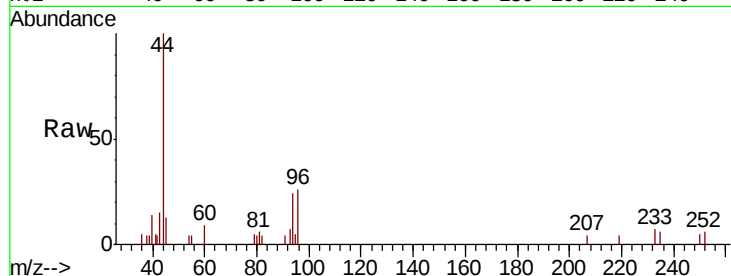
CONCRETE-BEDROCK

Tot Ion: 94 Resp: 2403

Ion Ratio Lower Upper

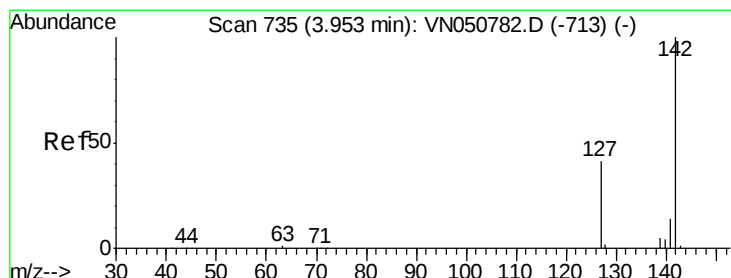
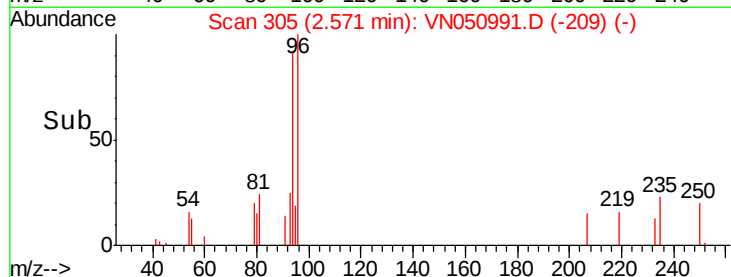
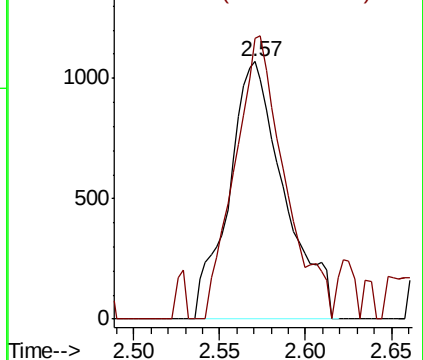
94 100

96 109.0 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN050991.D (-284) (-)

Ion 95.90 (95.60 to 96.60): VN050991.D (-284) (-)



#10

Methyl Iodide

Concen: 6.44 ug/l

RT: 3.96 min Scan# 737

Delta R.T. 0.01 min

Lab File: VN050991.D

Acq: 31 Aug 2018 16:28

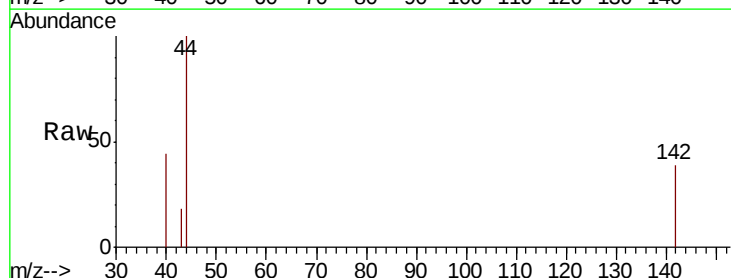
Tgt Ion: 142 Resp: 666

Ion Ratio Lower Upper

142 100

127 9.3 31.7 47.5#

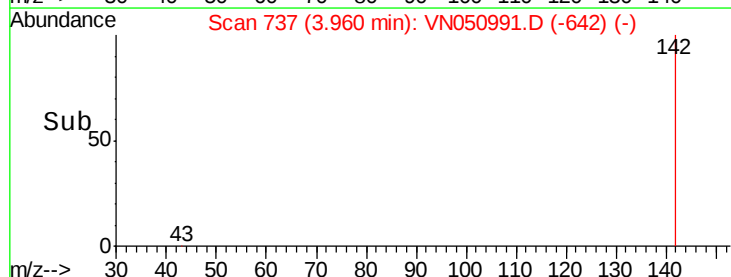
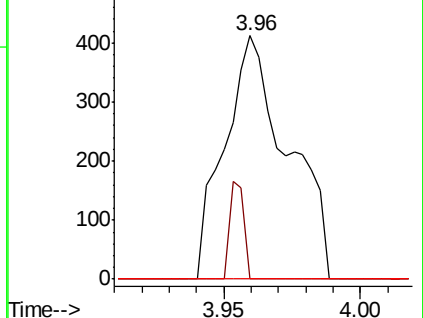
141 0.0 11.4 17.0#

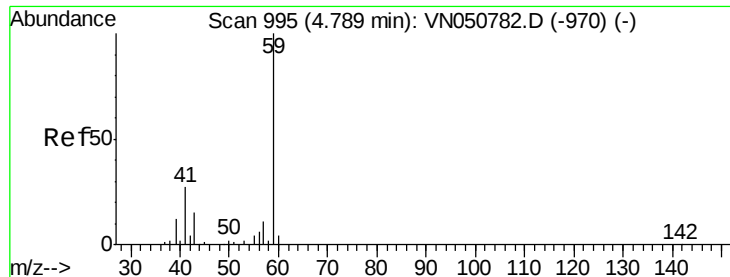


Abundance Ion 141.80 (141.50 to 142.50): VN050991.D (-642) (-)

Ion 126.80 (126.50 to 127.50): VN050991.D (-642) (-)

Ion 140.80 (140.50 to 141.50): VN050991.D (-642) (-)

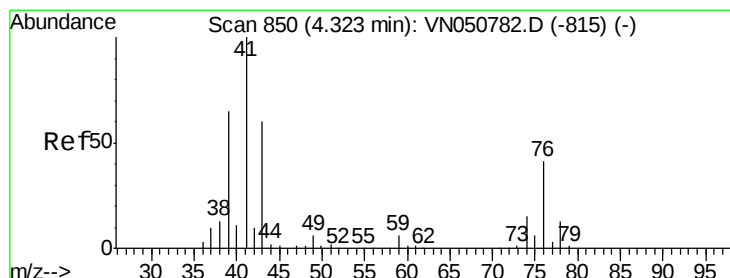
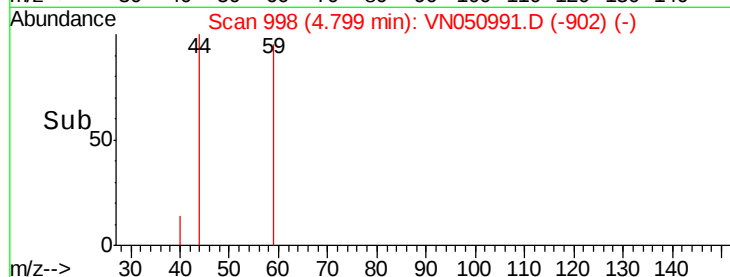
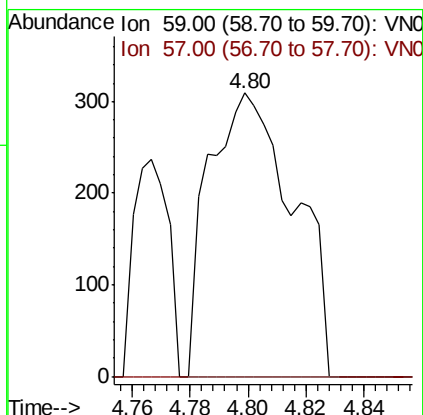
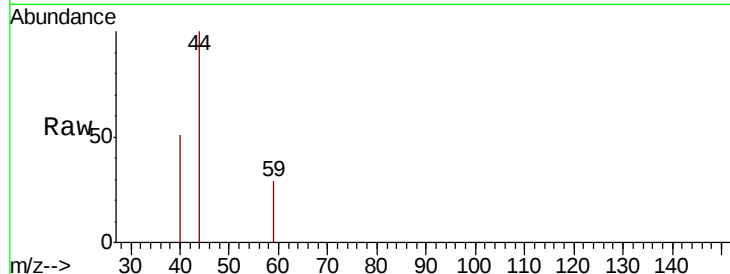




#11
Tert butyl alcohol
Concen: 1.48 ug/l
RT: 4.80 min Scan# 998
Delta R.T. 0.01 min
Lab File: VN050991.D
Acq: 31 Aug 2018 16:28

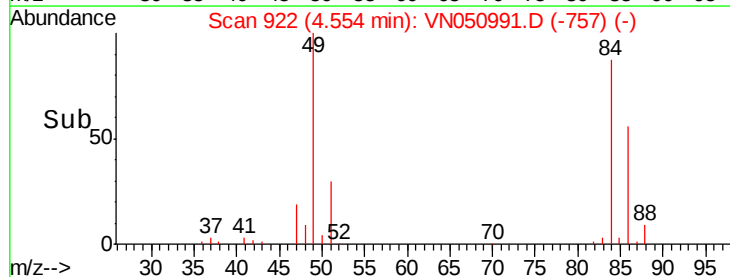
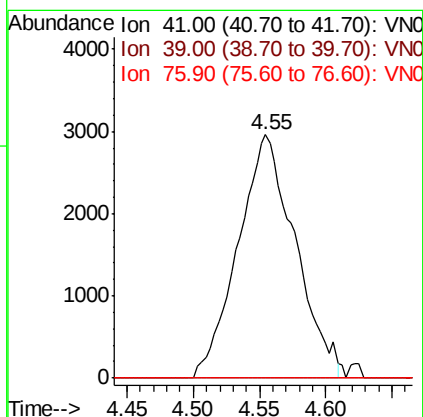
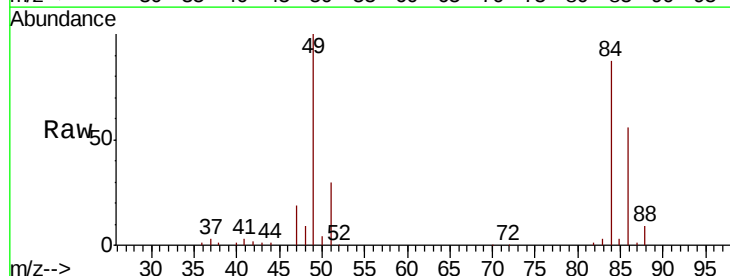
Instrument :
MSVOA_N
ClientSampleId :
CONCRETE-BEDROCK

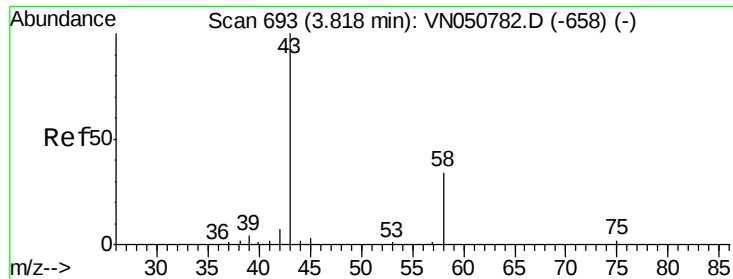
Tot Ion: 59 Resp: 629
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#14
Allyl chloride
Concen: 0.92 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.23 min
Lab File: VN050991.D
Acq: 31 Aug 2018 16:28

Tgt Ion: 41 Resp: 8884
Ion Ratio Lower Upper
41 100
39 0.0 50.2 75.2#
76 0.0 29.8 44.8#

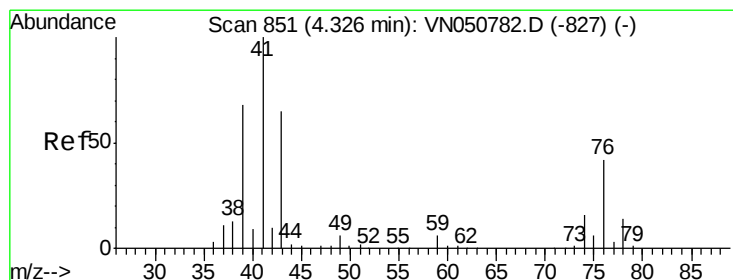
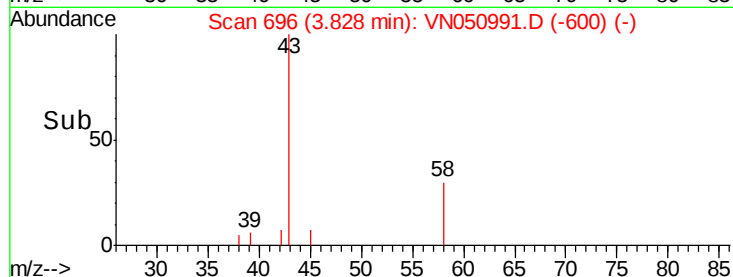
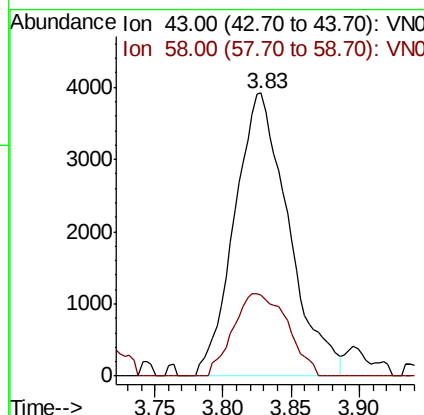
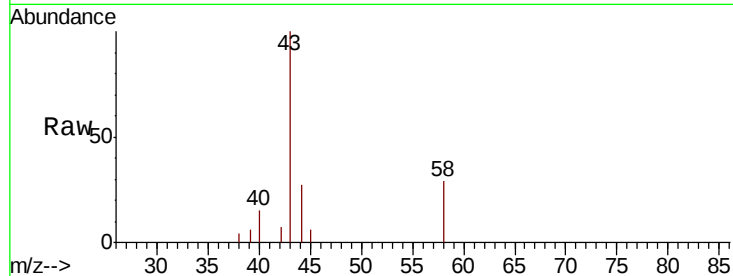




#16
 Acetone
 Concen: Below Cal
 RT: 3.83 min Scan# 696
 Delta R.T. 0.01 min
 Lab File: VN050991.D
 Acq: 31 Aug 2018 16:28

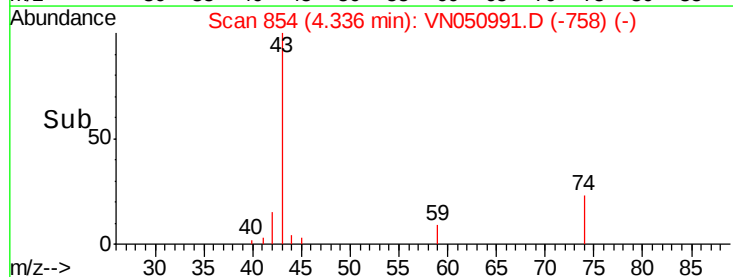
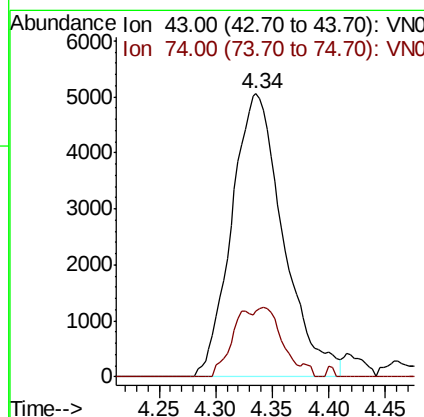
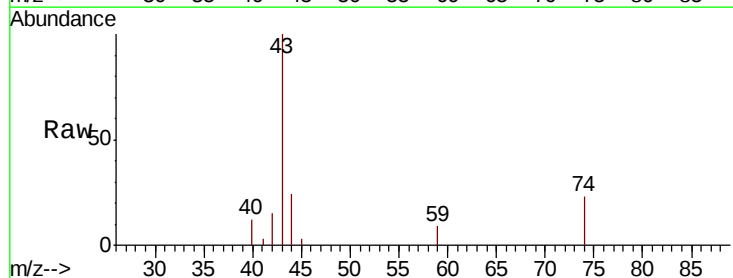
Instrument :
 MSVOA_N
 ClientSampleId :
 CONCRETE-BEDROCK

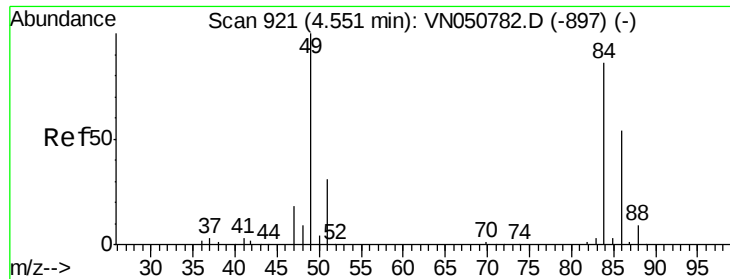
Tot Ion: 43 Resp: 10763
 Ion Ratio Lower Upper
 43 100
 58 28.7 27.2 40.8



#18
 Methyl Acetate
 Concen: 2.55 ug/l
 RT: 4.34 min Scan# 854
 Delta R.T. 0.01 min
 Lab File: VN050991.D
 Acq: 31 Aug 2018 16:28

Tgt Ion: 43 Resp: 16036
 Ion Ratio Lower Upper
 43 100
 74 9.9 19.8 29.8#

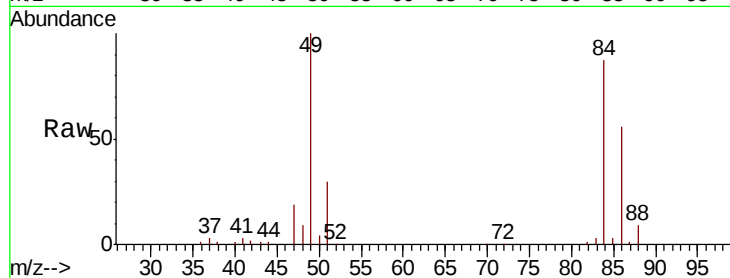




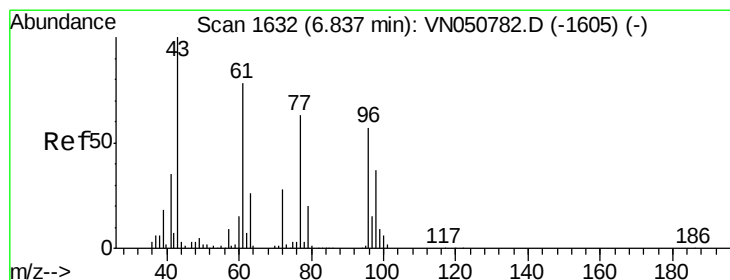
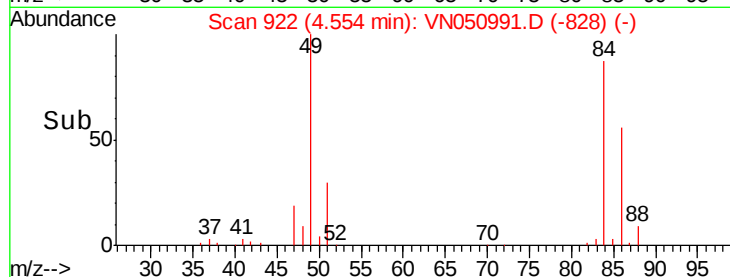
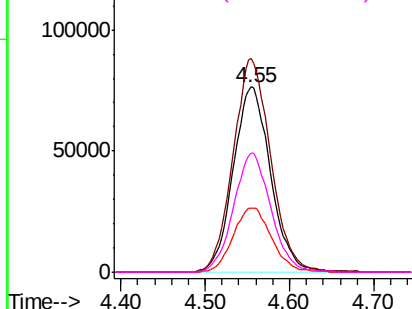
#20
Methvlene Chloride
Concen: 31.43 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050991.D
Acq: 31 Aug 2018 16:28

Instrument :
MSVOA_N
ClientSampleId :
CONCRETE-BEDROCK

Tot Ion: 84 Resp: 235998
Ion Ratio Lower Upper
84 100
49 115.4 93.2 139.8
51 34.9 29.0 43.6
86 64.5 49.8 74.8

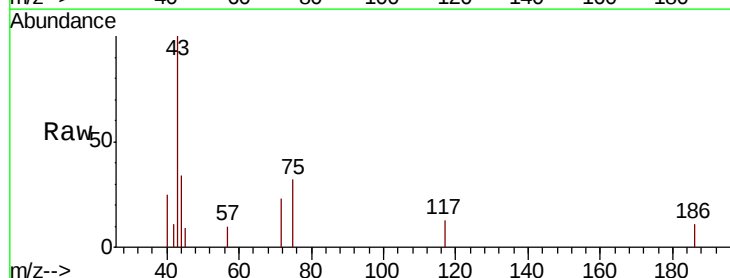


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

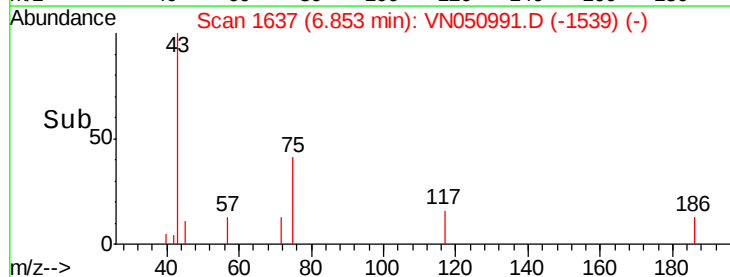
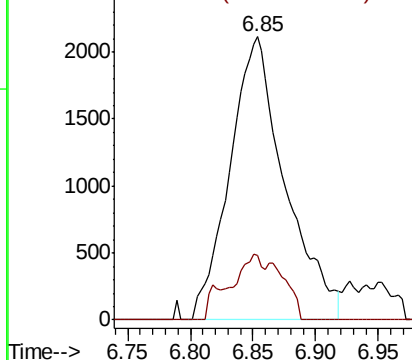


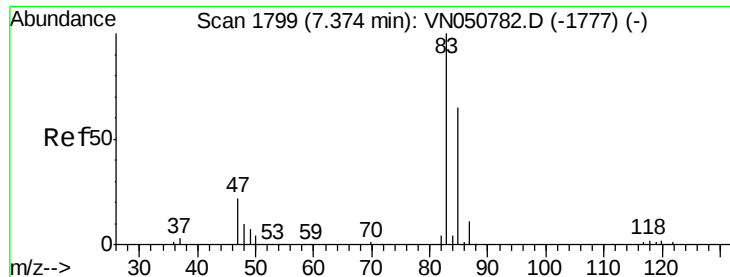
#25
2-Butanone
Concen: 2.42 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.02 min
Lab File: VN050991.D
Acq: 31 Aug 2018 16:28

Tgt Ion: 43 Resp: 6498
Ion Ratio Lower Upper
43 100
72 22.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 72.00 (71.70 to 72.70): VNO





#30

Chloroform

Concen: 1.05 ug/l

RT: 7.38 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VN050991.D

Acq: 31 Aug 2018 16:28

Instrument :

MSVOA_N

ClientSampleId :

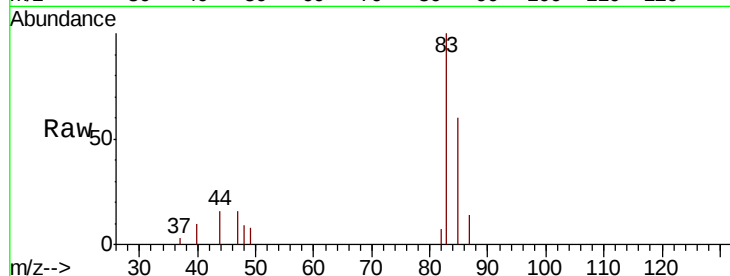
CONCRETE-BEDROCK

Tot Ion: 83 Resp: 12921

Ion Ratio Lower Upper

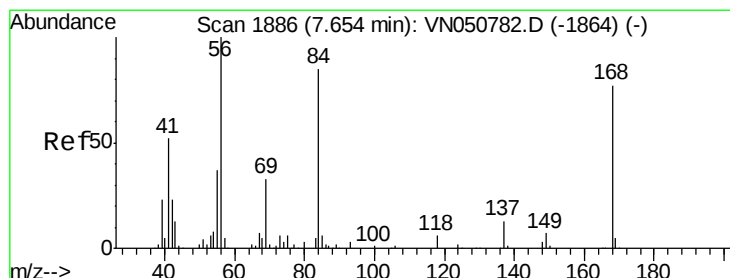
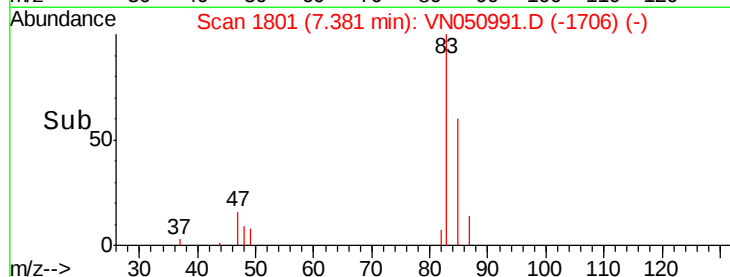
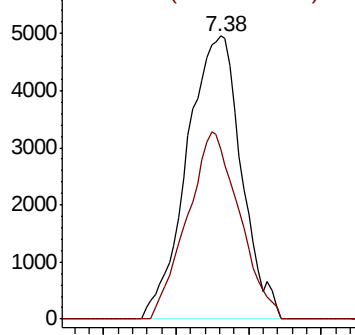
83 100

85 59.8 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



#31

Cyclohexane

Concen: 1.30 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VN050991.D

Acq: 31 Aug 2018 16:28

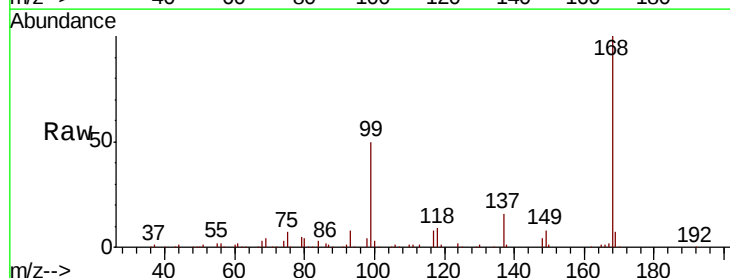
Tgt Ion: 56 Resp: 9593

Ion Ratio Lower Upper

56 100

69 201.1 26.2 39.4#

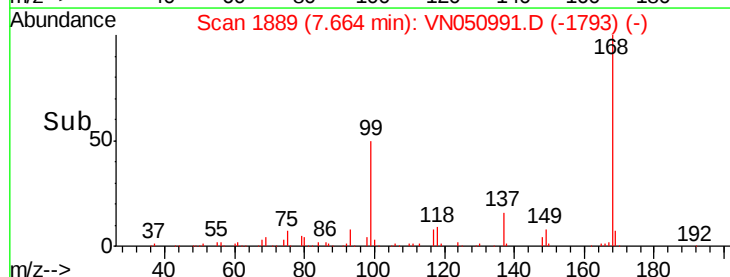
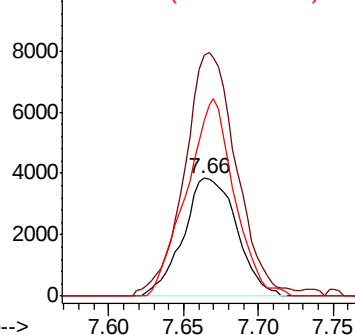
84 149.0 68.3 102.5#

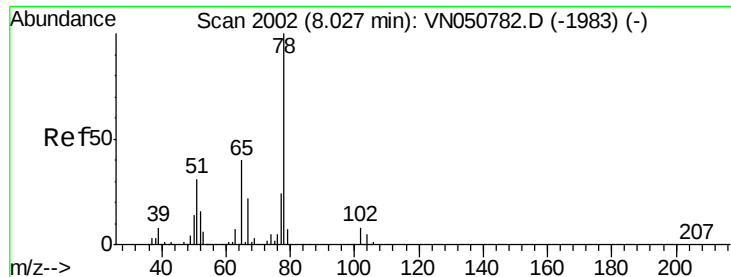


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

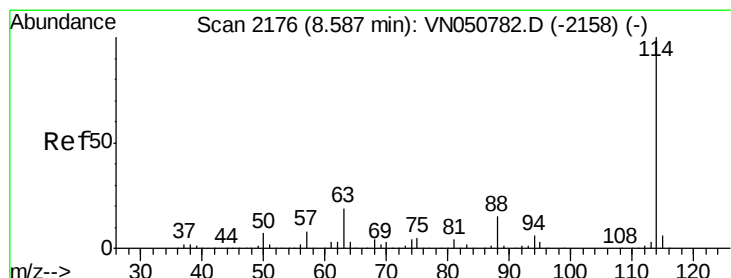
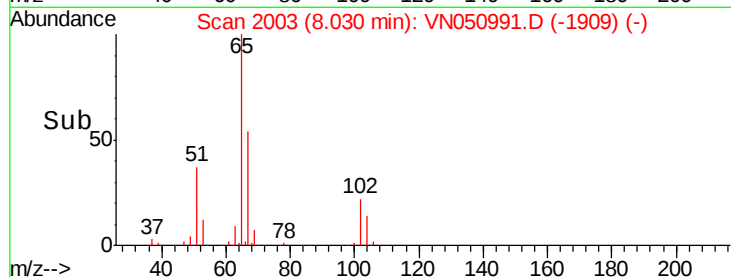
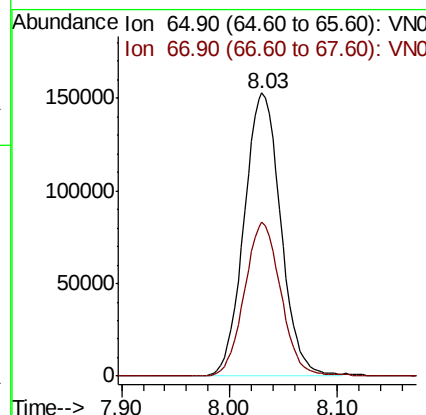
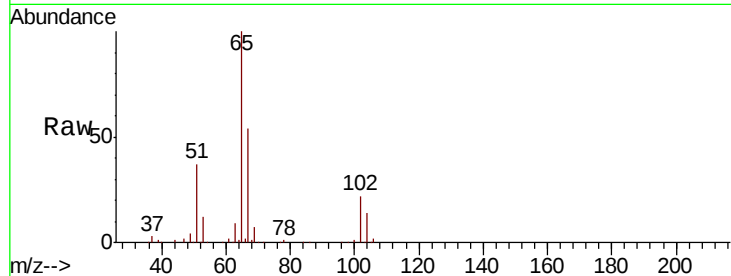




#33
 1,2-Dichloroethane-d4
 Concen: 54.23 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050991.D
 Acq: 31 Aug 2018 16:28

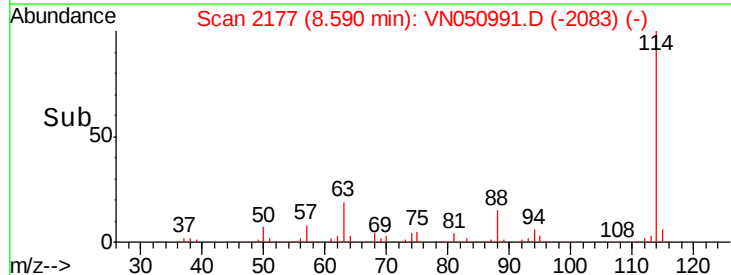
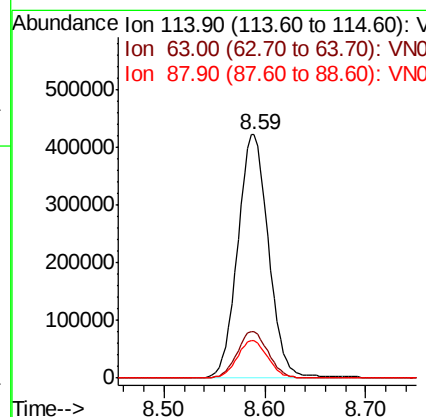
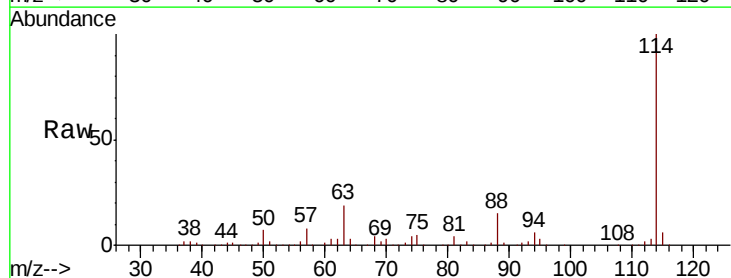
Instrument :
 MSVOA_N
 ClientSampleId :
 CONCRETE-BEDROCK

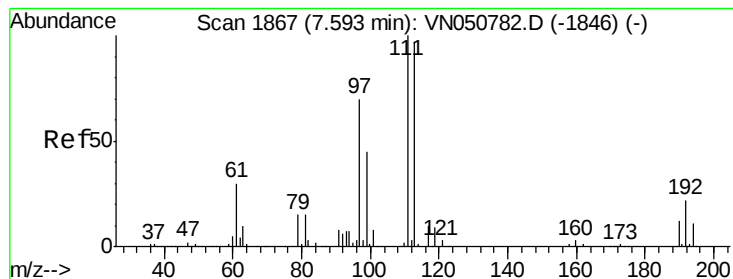
Tot Ion: 65 Resp: 361229
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050991.D
 Acq: 31 Aug 2018 16:28

Tgt Ion: 114 Resp: 894529
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.63 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN050991.D

Acq: 31 Aug 2018 16:28

Instrument :

MSVOA_N

ClientSampleId :

CONCRETE-BEDROCK

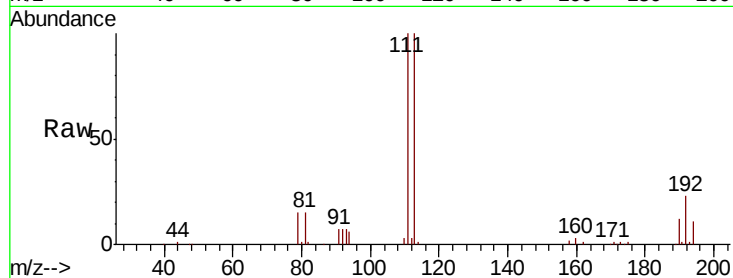
Tot Ion:113 Resp: 346065

Ion Ratio Lower Upper

113 100

111 101.4 82.6 123.8

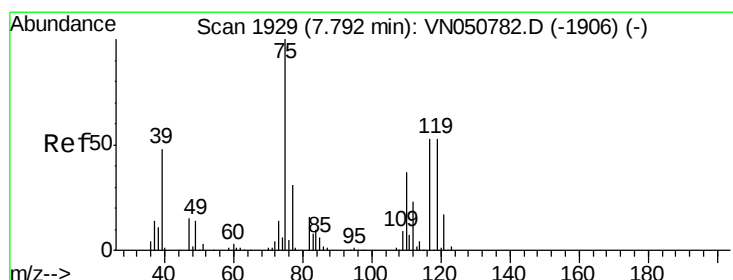
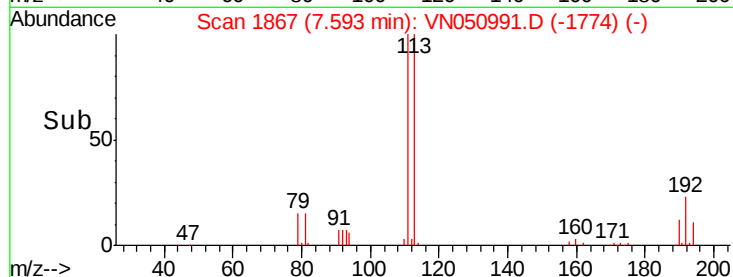
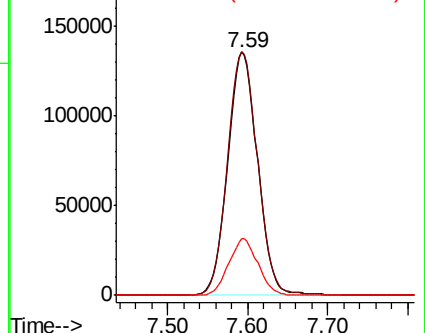
192 22.8 18.0 27.0



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



#36

1,1-Dichloropropene

Concen: 3.47 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN050991.D

Acq: 31 Aug 2018 16:28

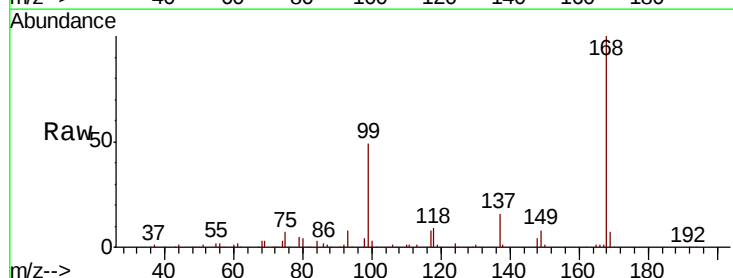
Tgt Ion: 75 Resp: 36599

Ion Ratio Lower Upper

75 100

110 8.0 18.1 54.4#

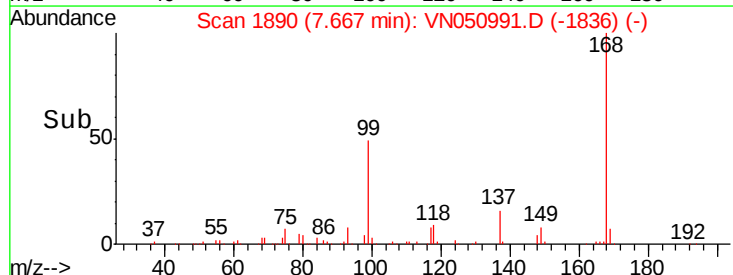
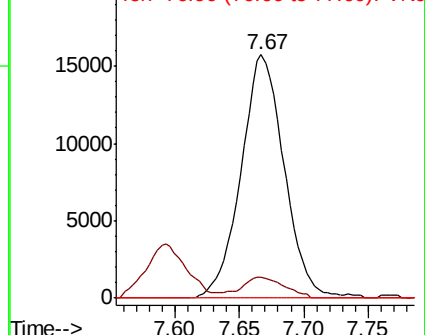
77 0.0 24.8 37.2#

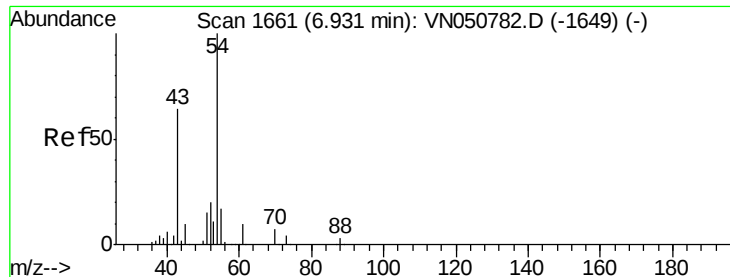


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

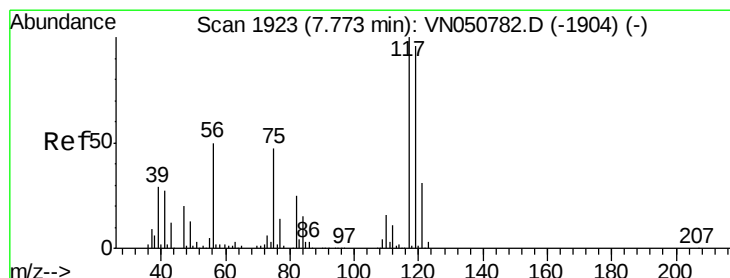
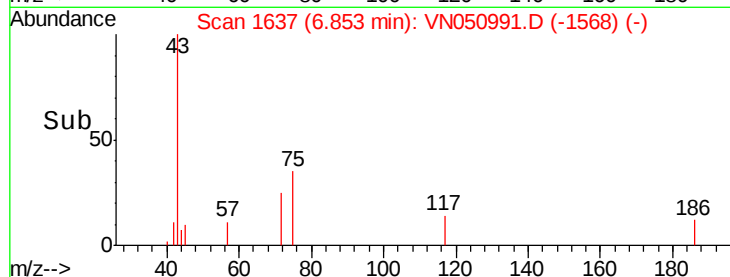
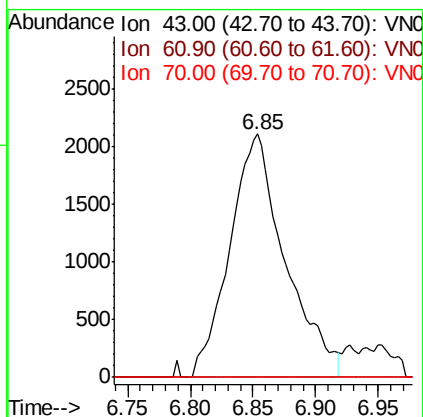
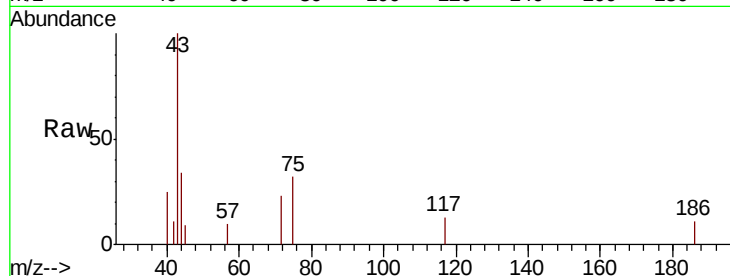




#37
Ethyl Acetate
Concen: 1.07 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. -0.08 min
Lab File: VN050991.D
Acq: 31 Aug 2018 16:28

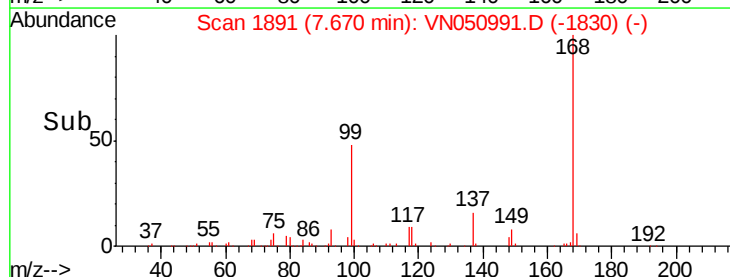
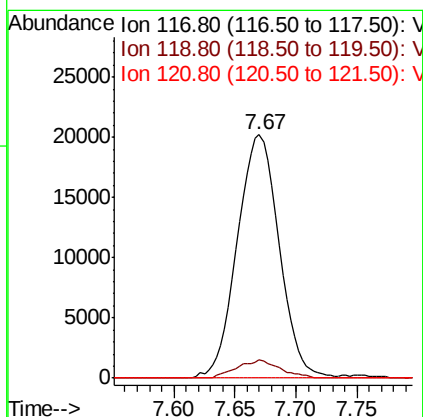
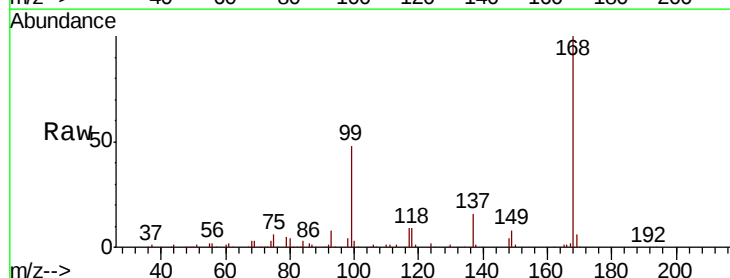
Instrument :
MSVOA_N
ClientSampleId :
CONCRETE-BEDROCK

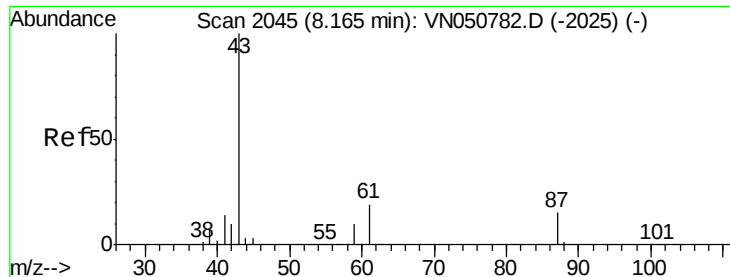
Tot Ion: 43 Resp: 6498
Ion Ratio Lower Upper
43 100
61 0.0 12.0 18.0#
70 0.0 8.6 13.0#



#38
Carbon Tetrachloride
Concen: 4.51 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.10 min
Lab File: VN050991.D
Acq: 31 Aug 2018 16:28

Tgt Ion: 117 Resp: 48098
Ion Ratio Lower Upper
117 100
119 7.4 76.3 114.5#
121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 20.81 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050991.D

Acq: 31 Aug 2018 16:28

Instrument :

MSVOA_N

ClientSampleId :

CONCRETE-BEDROCK

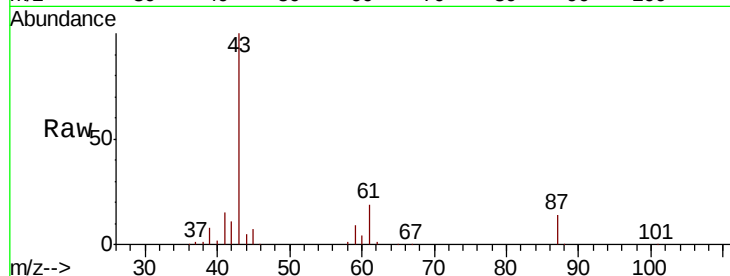
Tot Ion: 43 Resp: 216997

Ion Ratio Lower Upper

43 100

61 18.9 17.5 26.3

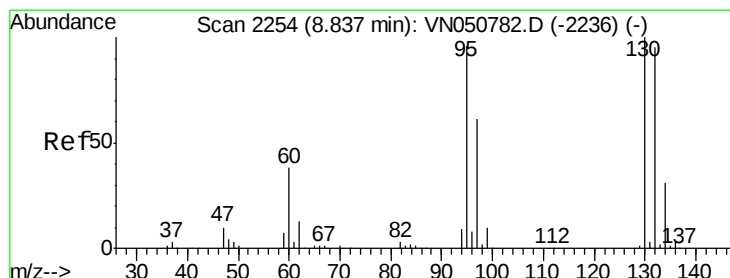
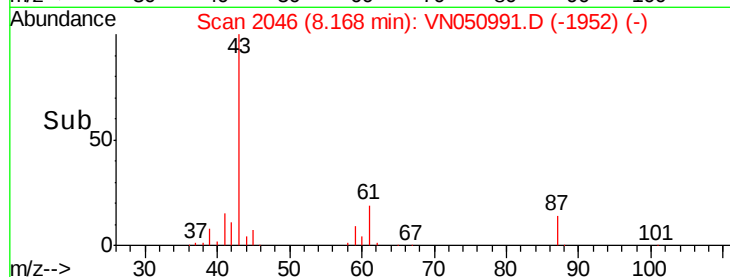
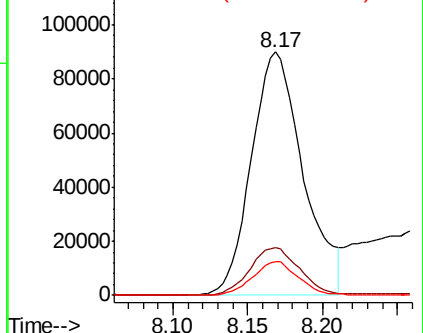
87 12.4 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN050782.D (-2025) (-)

Ion 61.00 (60.70 to 61.70): VN050782.D (-2025) (-)

Ion 87.00 (86.70 to 87.70): VN050782.D (-2025) (-)



#44

Trichloroethene

Concen: 0.73 ug/l

RT: 8.84 min Scan# 2255

Delta R.T. 0.00 min

Lab File: VN050991.D

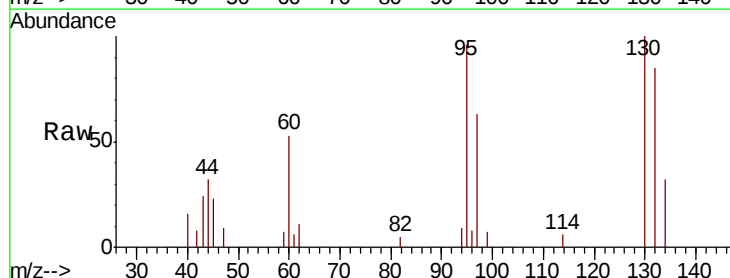
Acq: 31 Aug 2018 16:28

Tgt Ion:130 Resp: 6120

Ion Ratio Lower Upper

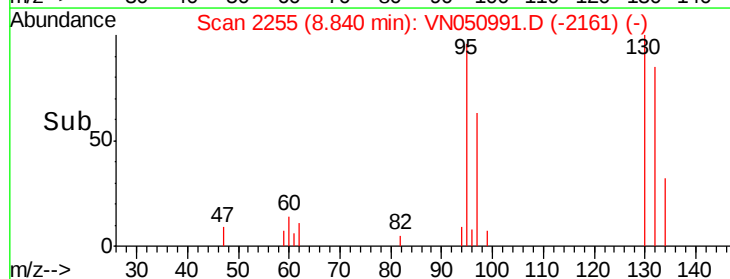
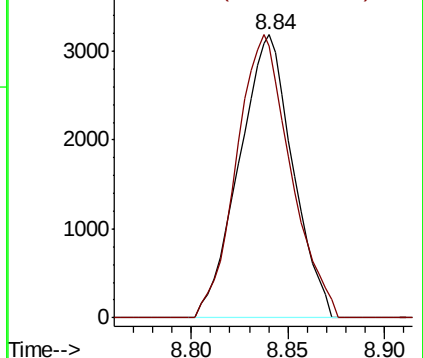
130 100

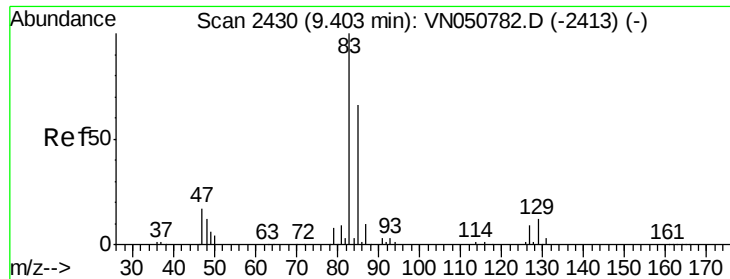
95 96.1 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): VN050782.D (-2236) (-)

Ion 94.90 (94.60 to 95.60): VN050782.D (-2236) (-)





#47

Bromodichloromethane

Concen: 0.35 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050991.D

Acq: 31 Aug 2018 16:28

Instrument :

MSVOA_N

ClientSampleId :

CONCRETE-BEDROCK

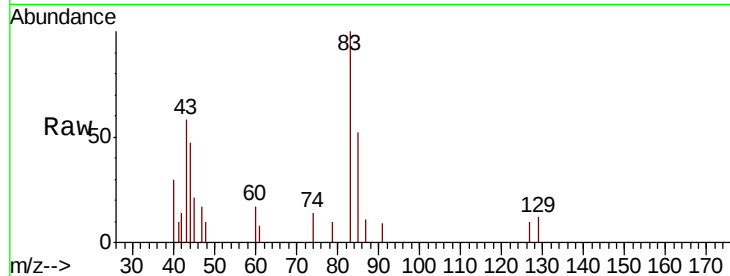
Tot Ion: 83 Resp: 3575

Ion Ratio Lower Upper

83 100

85 52.5 52.6 78.8#

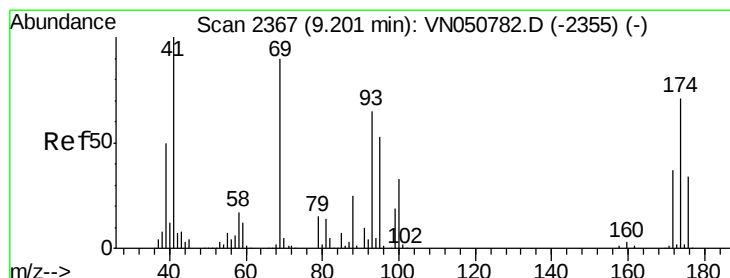
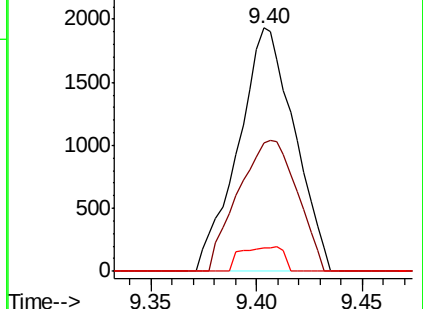
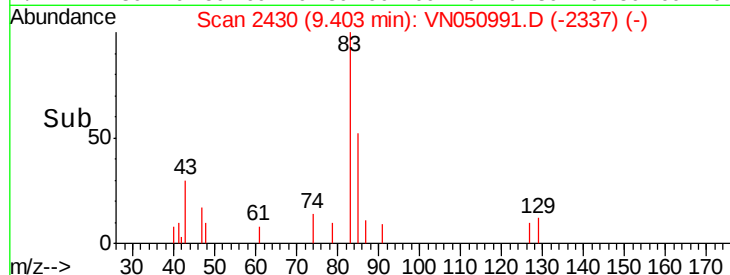
127 9.8 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN050991.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN050991.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN050991.D (-2337) (-)



#48

Methyl methacrylate

Concen: 1.30 ug/l

RT: 9.18 min Scan# 2361

Delta R.T. -0.02 min

Lab File: VN050991.D

Acq: 31 Aug 2018 16:28

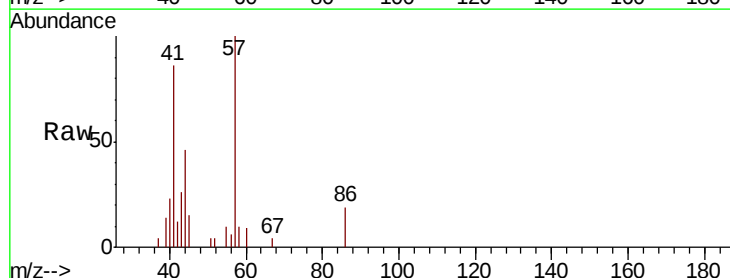
Tgt Ion: 41 Resp: 6910

Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

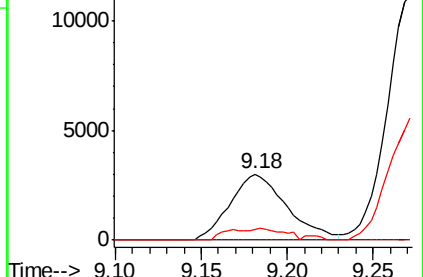
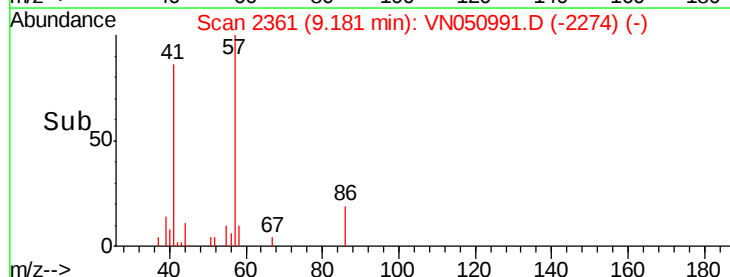
39 9.3 42.2 63.2#

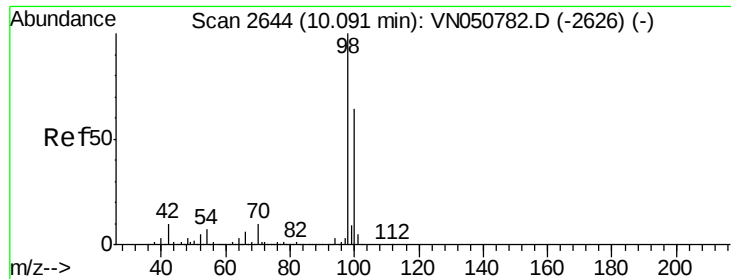


Abundance Ion 41.00 (40.70 to 41.70): VN050991.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN050991.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN050991.D (-2274) (-)





#50

Toluene-d8

Concen: 46.41 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050991.D

Acq: 31 Aug 2018 16:28

Instrument :

MSVOA_N

ClientSampleId :

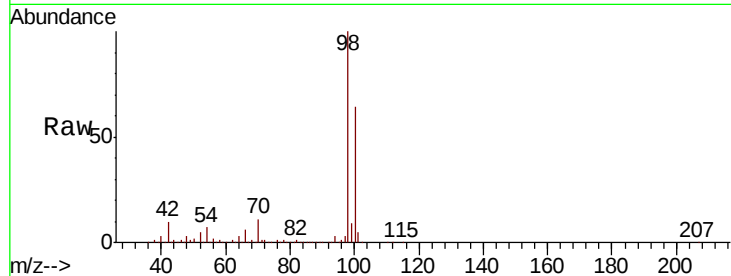
CONCRETE-BEDROCK

Tot Ion: 98 Resp: 1234940

Ion Ratio Lower Upper

98 100

100 63.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN050991.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN050991.D (-2551) (-)

10.09

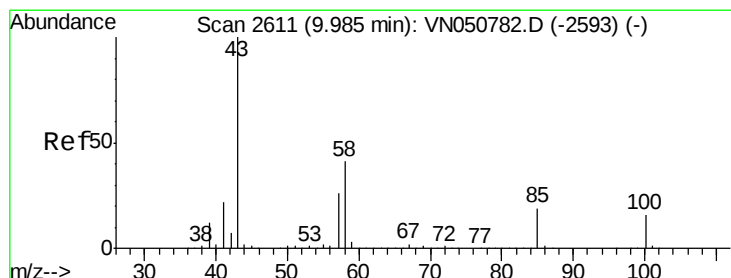
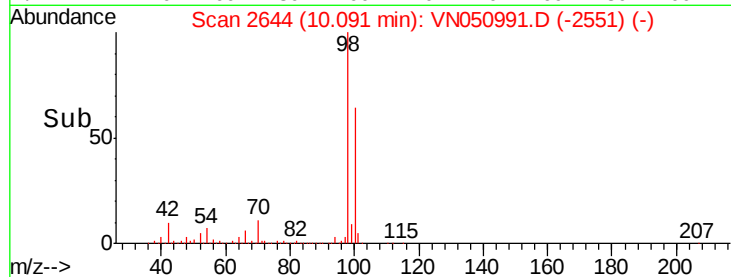
600000

400000

200000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.22 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN050991.D

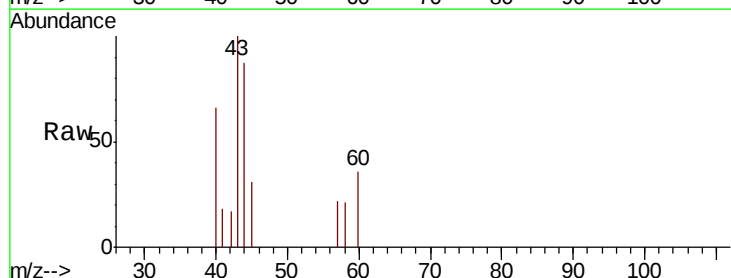
Acq: 31 Aug 2018 16:28

Tgt Ion: 43 Resp: 1397

Ion Ratio Lower Upper

43 100

58 0.0 32.4 48.6#



Abundance Ion 43.00 (42.70 to 43.70): VN050991.D (-2518) (-)

Ion 58.00 (57.70 to 58.70): VN050991.D (-2518) (-)

9.99

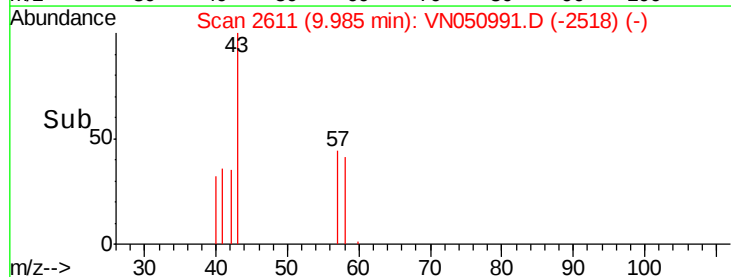
1500

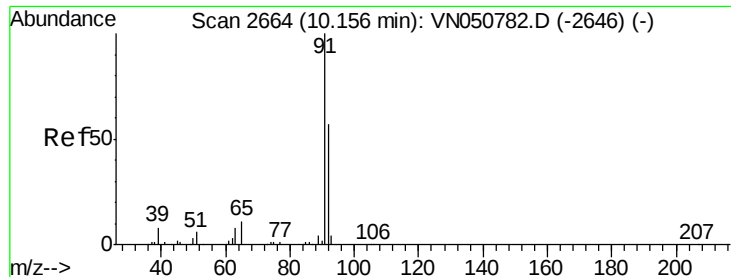
1000

500

0

Time-->





#52

Toluene

Concen: 0.53 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN050991.D

Acq: 31 Aug 2018 16:28

Instrument :

MSVOA_N

ClientSampleId :

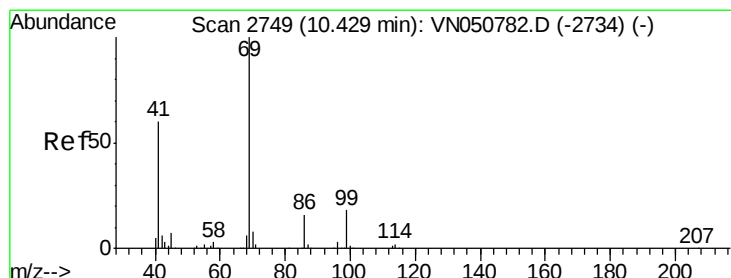
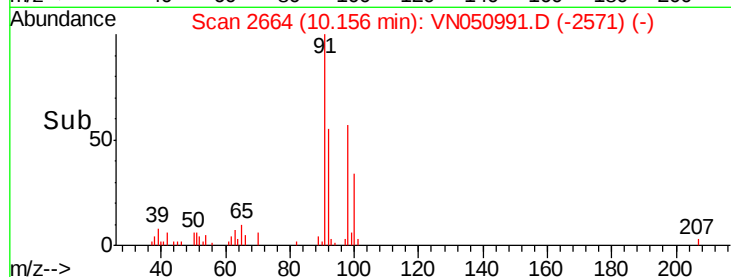
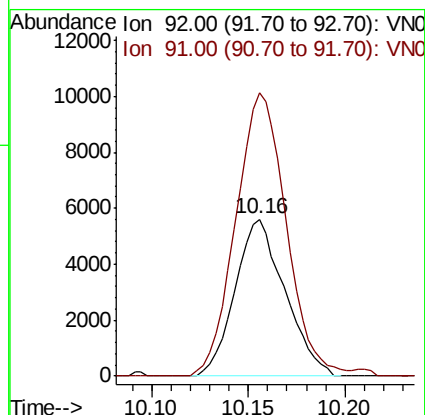
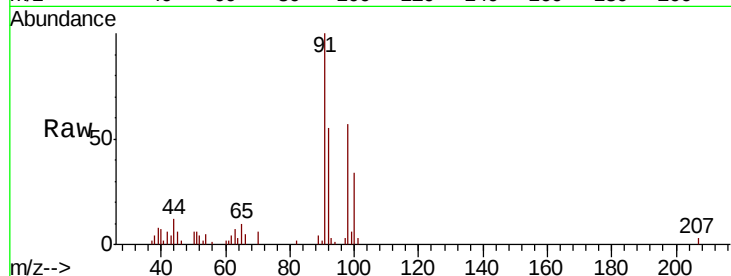
CONCRETE-BEDROCK

Tot Ion: 92 Resp: 10038

Ion Ratio Lower Upper

92 100

91 183.2 140.6 211.0



#56

Ethyl methacrylate

Concen: 2.44 ug/l

RT: 10.23 min Scan# 2686

Delta R.T. -0.20 min

Lab File: VN050991.D

Acq: 31 Aug 2018 16:28

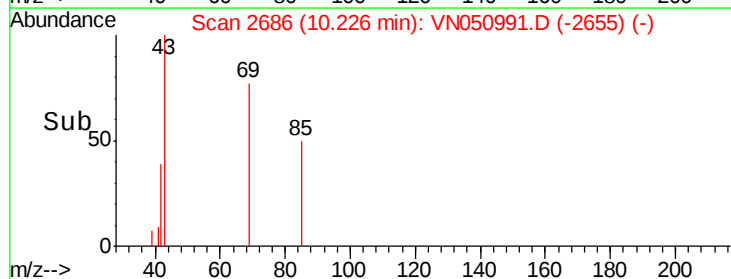
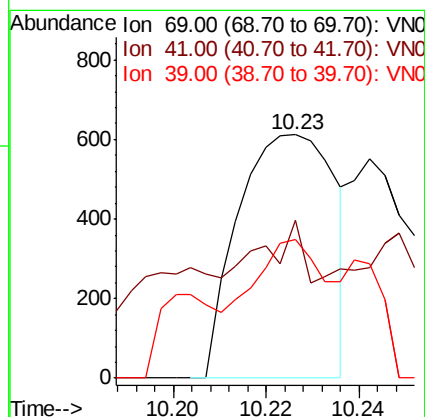
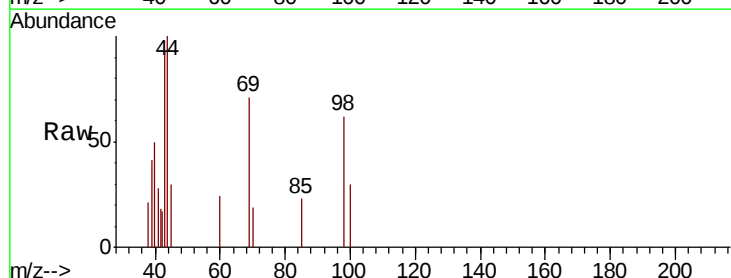
Tgt Ion: 69 Resp: 885

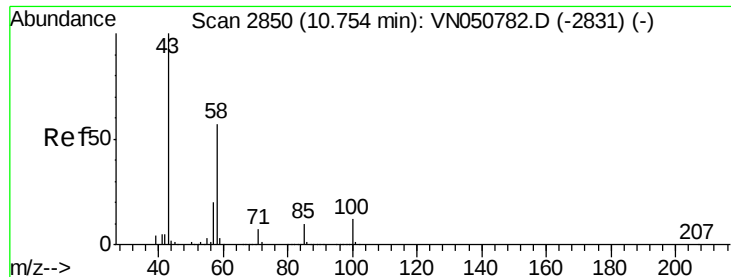
Ion Ratio Lower Upper

69 100

41 46.1 48.3 72.5#

39 16.7 24.0 36.0#

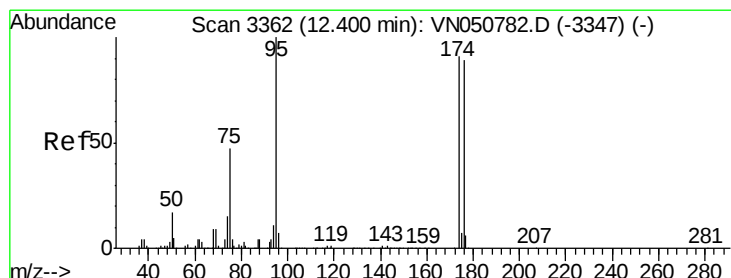
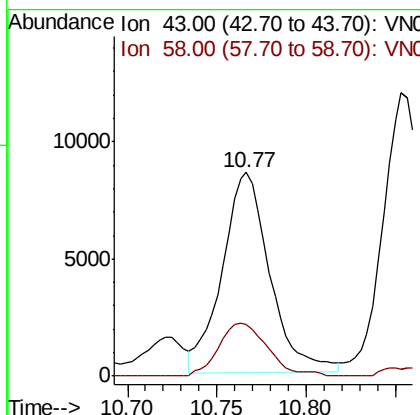
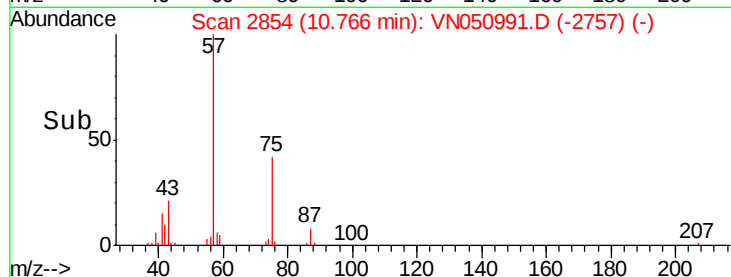
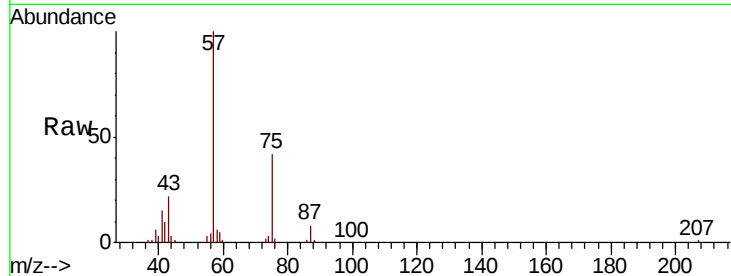




#59
2-Hexanone
Concen: 3.80 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050991.D
Acq: 31 Aug 2018 16:28

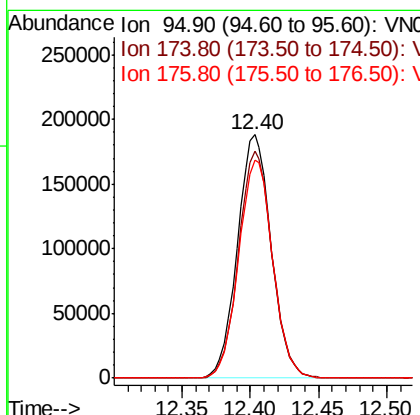
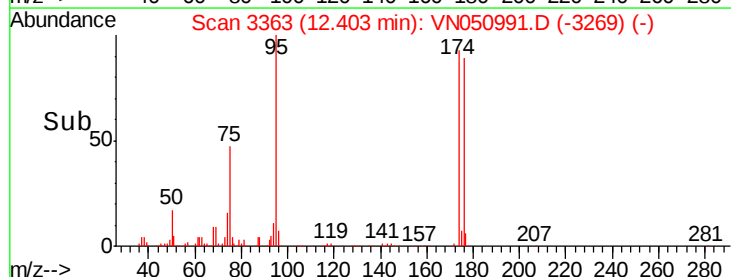
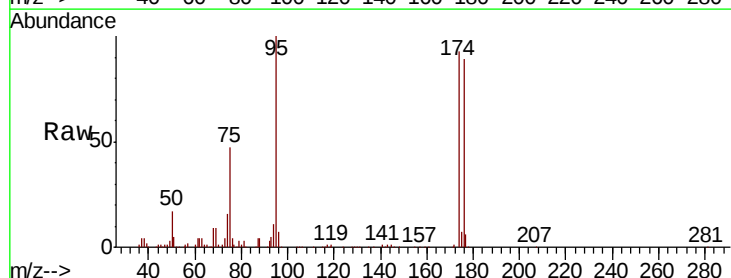
Instrument :
MSVOA_N
ClientSampleId :
CONCRETE-BEDROCK

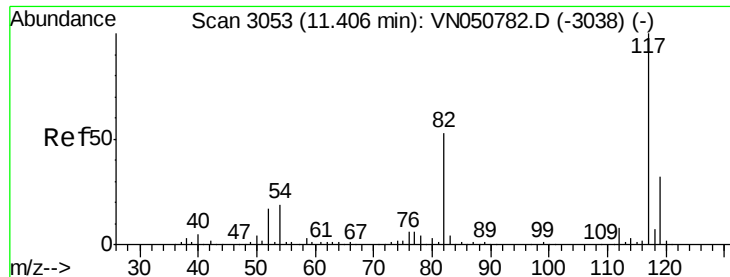
Tot Ion: 43 Resp: 15723
Ion Ratio Lower Upper
43 100
58 27.4 28.3 85.0#



#62
4-Bromofluorobenzene
Concen: 36.51 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050991.D
Acq: 31 Aug 2018 16:28

Tgt Ion: 95 Resp: 322838
Ion Ratio Lower Upper
95 100
174 93.1 0.0 183.0
176 90.4 0.0 178.8

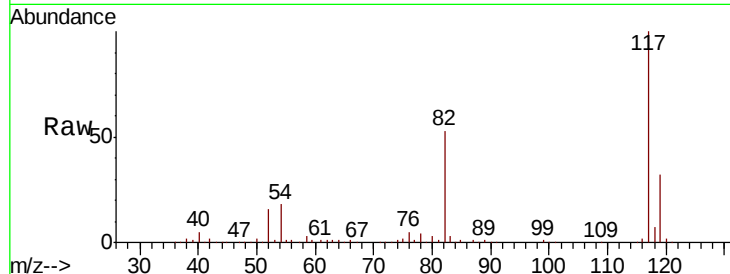




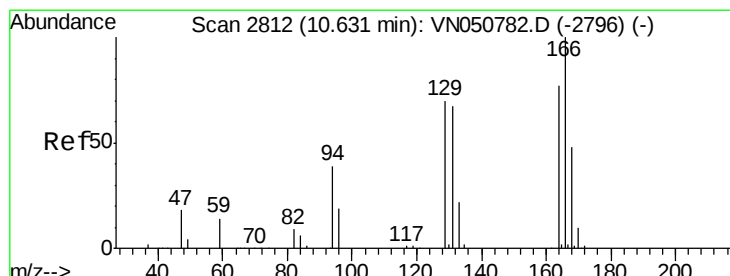
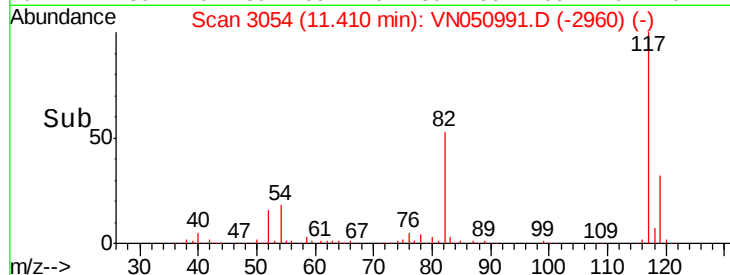
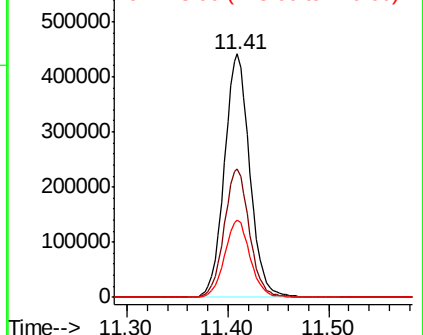
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050991.D
Acq: 31 Aug 2018 16:28

Instrument :
MSVOA_N
ClientSampleId :
CONCRETE-BEDROCK

Tot Ion:117 Resp: 773822
Ion Ratio Lower Upper
117 100
82 52.9 42.6 64.0
119 31.9 25.8 38.6

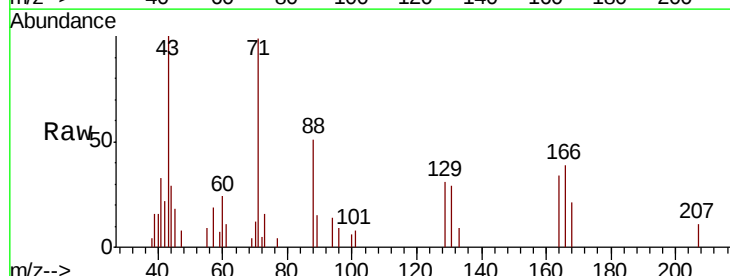


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

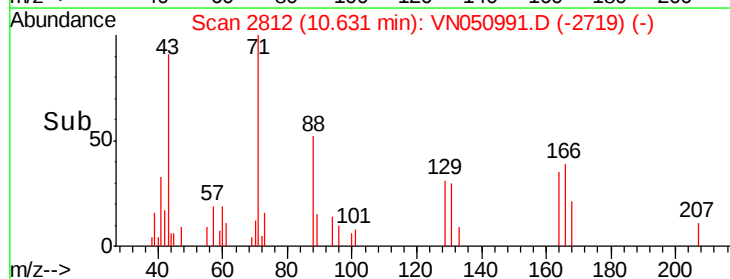
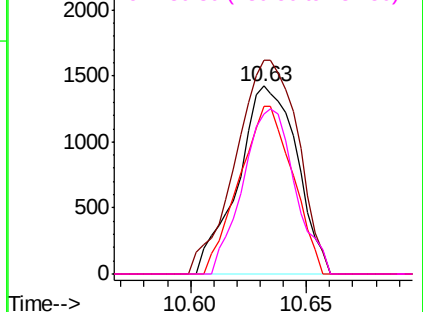


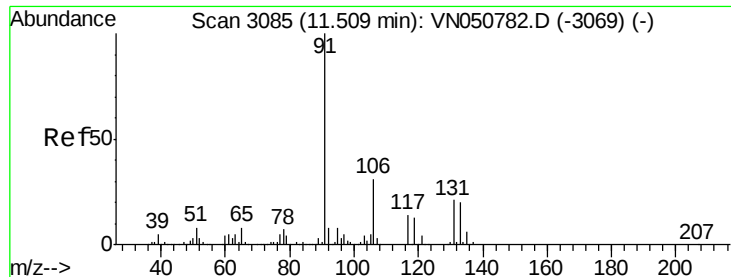
#64
Tetrachloroethene
Concen: 0.34 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN050991.D
Acq: 31 Aug 2018 16:28

Tgt Ion:164 Resp: 2521
Ion Ratio Lower Upper
164 100
166 113.6 103.5 155.3
129 89.3 72.7 109.1
131 85.5 69.5 104.3



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#67

Ethyl Benzene

Concen: 0.23 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050991.D

Acq: 31 Aug 2018 16:28

Instrument :

MSVOA_N

ClientSampleId :

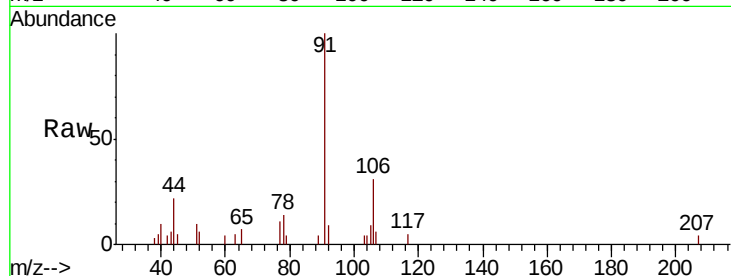
CONCRETE-BEDROCK

Tot Ion: 91 Resp: 7505

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN050782.D (-3069) (-)

Ion 106.00 (105.70 to 106.70): VN050782.D (-3069) (-)

11.51

4000

3000

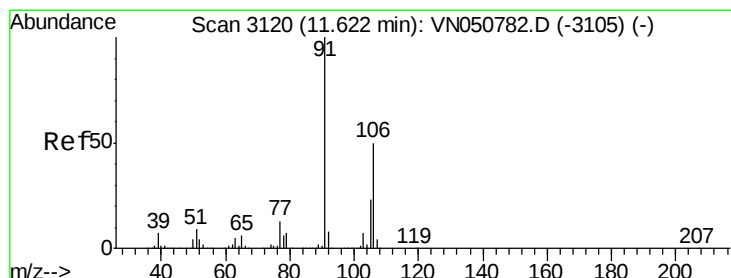
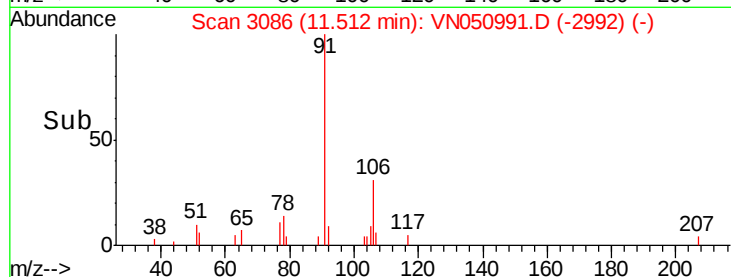
2000

1000

0

Time-->

11.45 11.50 11.55



#68

m/p-Xylenes

Concen: 0.31 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN050991.D

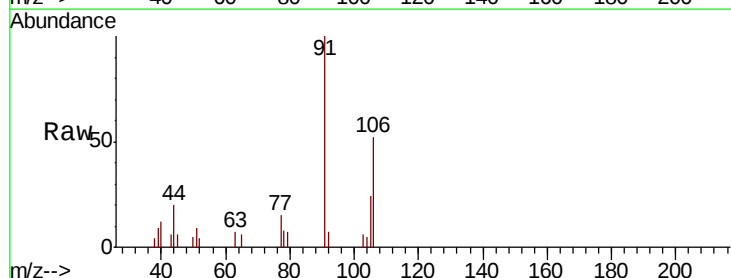
Acq: 31 Aug 2018 16:28

Tgt Ion: 106 Resp: 3904

Ion Ratio Lower Upper

106 100

91 197.9 161.0 241.6



Abundance Ion 106.00 (105.70 to 106.70): VN050782.D (-3105) (-)

Ion 91.00 (90.70 to 91.70): VN050782.D (-3105) (-)

11.62

4000

3000

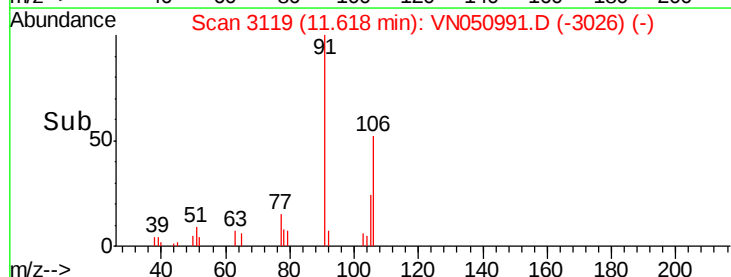
2000

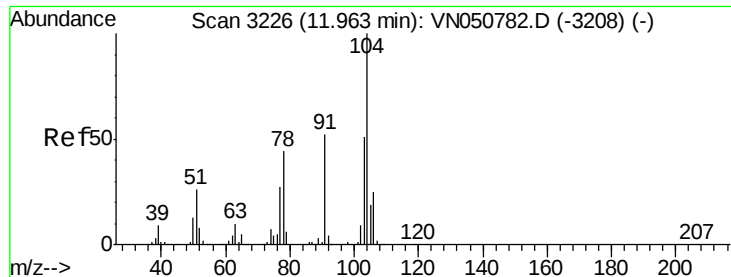
1000

0

Time-->

11.60 11.65

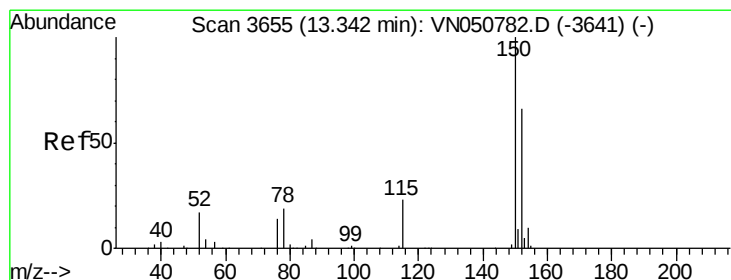
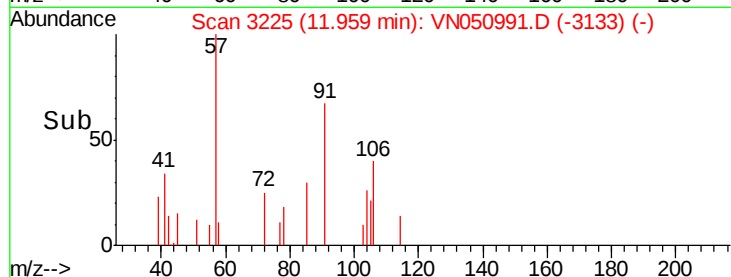
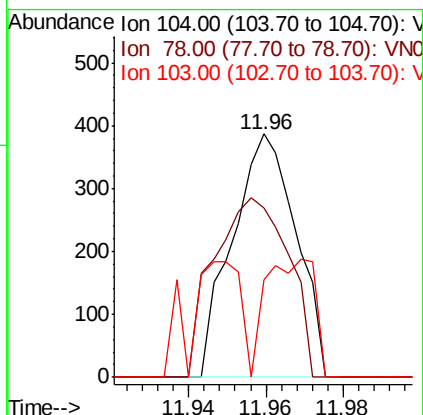
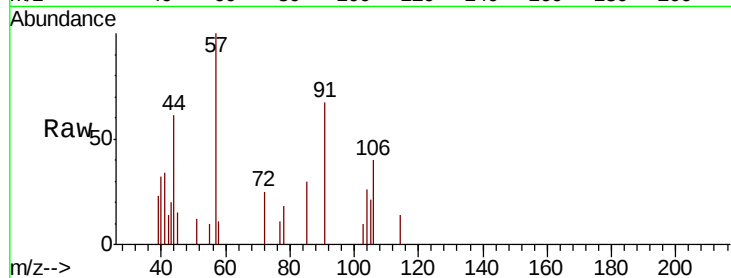




#70
Stvrene
Concen: 1.29 ug/l
RT: 11.96 min Scan# 3225
Delta R.T. -0.00 min
Lab File: VN050991.D
Acq: 31 Aug 2018 16:28

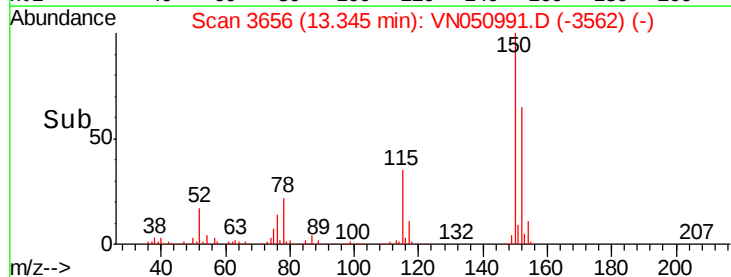
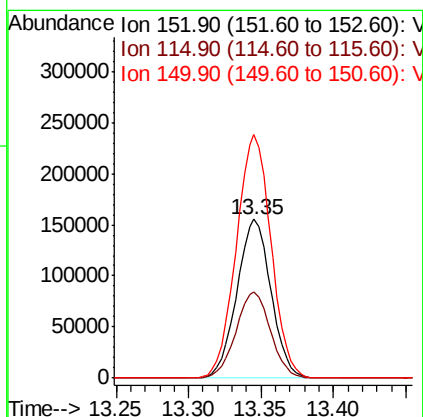
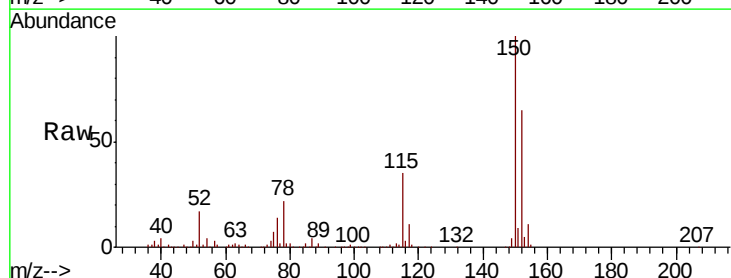
Instrument :
MSVOA_N
ClientSampleId :
CONCRETE-BEDROCK

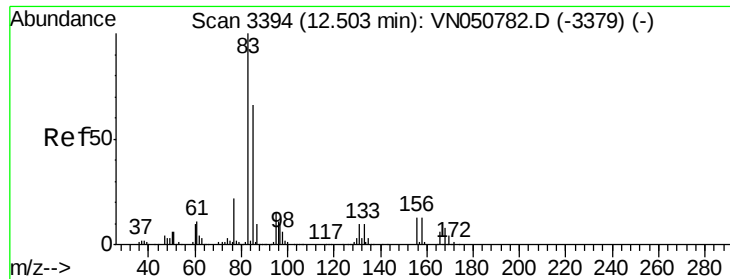
Tot Ion:104 Resp: 442
Ion Ratio Lower Upper
104 100
78 86.2 38.2 57.4#
103 38.0 44.4 66.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050991.D
Acq: 31 Aug 2018 16:28

Tgt Ion:152 Resp: 253091
Ion Ratio Lower Upper
152 100
115 55.2 27.8 83.4
150 156.2 0.0 351.4





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3364

Delta R.T. -0.10 min

Lab File: VN050991.D

Acq: 31 Aug 2018 16:28

Instrument :

MSVOA_N

ClientSampleId :

CONCRETE-BEDROCK

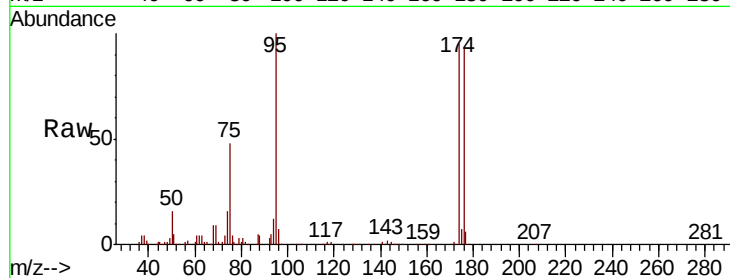
Tot Ion: 83 Resp: 30

Ion Ratio Lower Upper

83 100

131 1080.0 5.3 15.9#

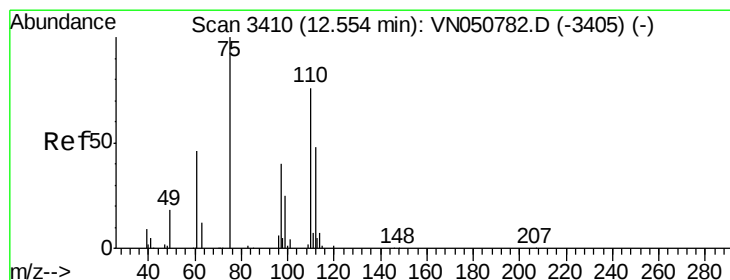
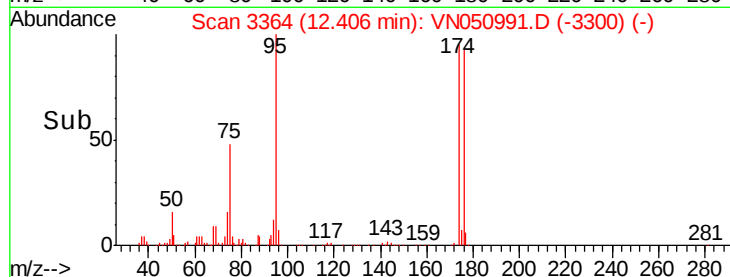
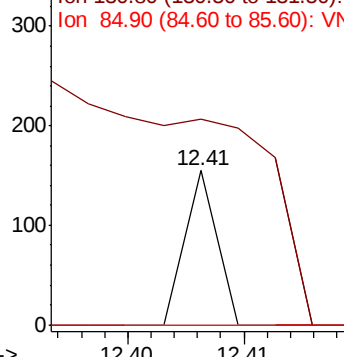
85 0.0 31.9 95.7#



Abundance Ion 82.90 (82.60 to 83.60): VN050782.D (-3379) (-)

Ion 130.80 (130.50 to 131.50): VN050782.D (-3379) (-)

Ion 84.90 (84.60 to 85.60): VN050782.D (-3379) (-)



#76

1,2,3-Trichloropropane

Concen: 34.19 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050991.D

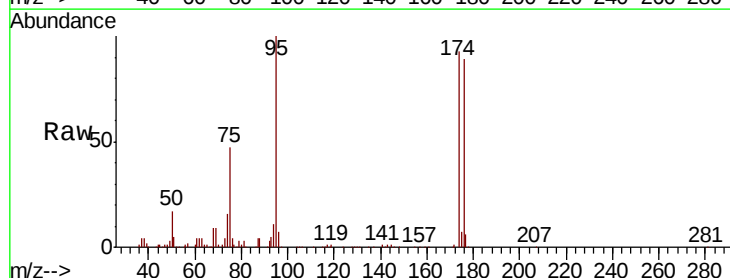
Acq: 31 Aug 2018 16:28

Tgt Ion: 75 Resp: 151577

Ion Ratio Lower Upper

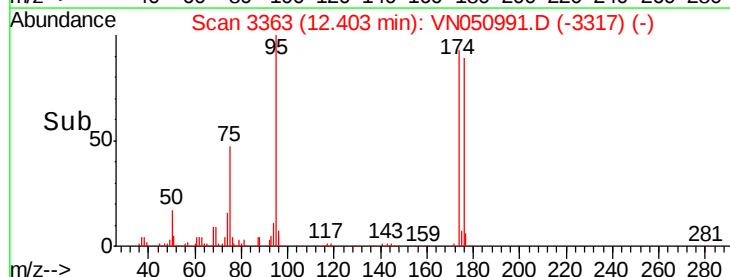
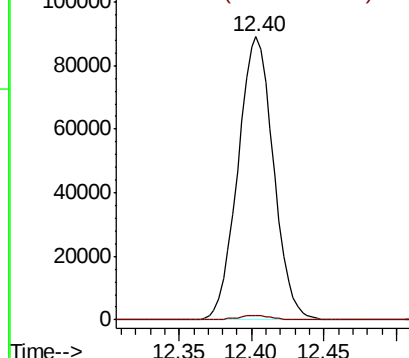
75 100

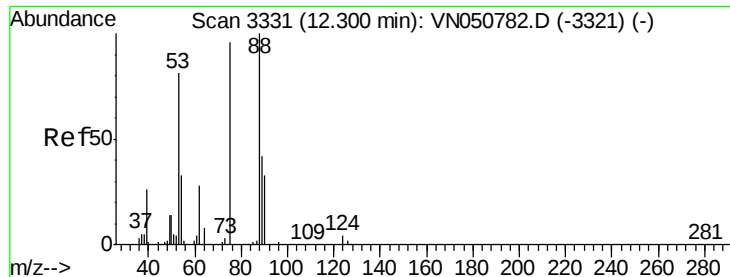
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN050782.D (-3405) (-)

Ion 77.00 (76.70 to 77.70): VN050782.D (-3405) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 115.59 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050991.D

Acq: 31 Aug 2018 16:28

Instrument :

MSVOA_N

ClientSampleId :

CONCRETE-BEDROCK

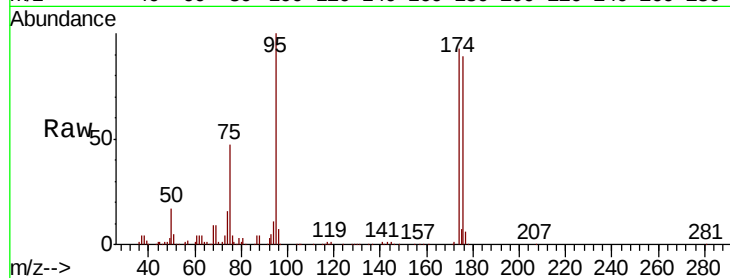
Tot Ion: 75 Resp: 151577

Ion Ratio Lower Upper

75 100

53 0.2 68.9 103.3#

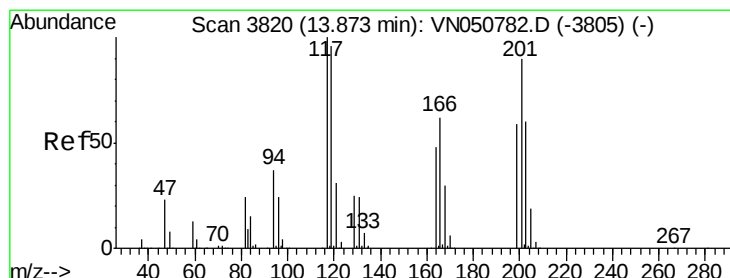
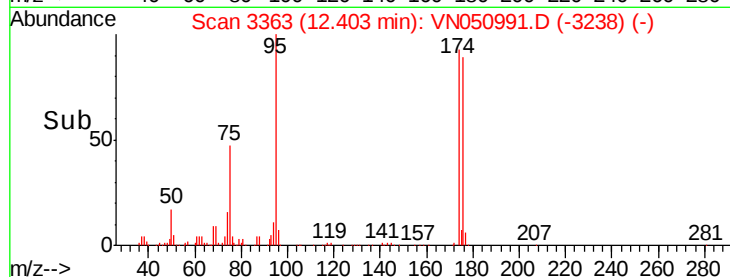
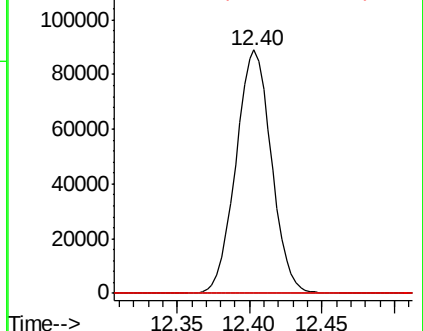
89 0.0 36.1 54.1#



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



#90

Hexachloroethane

Concen: 0.31 ug/l

RT: 13.89 min Scan# 3824

Delta R.T. 0.01 min

Lab File: VN050991.D

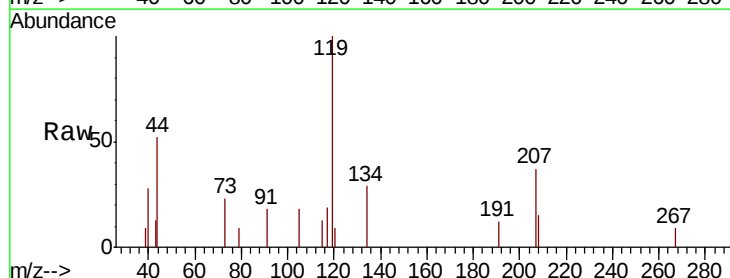
Acq: 31 Aug 2018 16:28

Tgt Ion: 117 Resp: 381

Ion Ratio Lower Upper

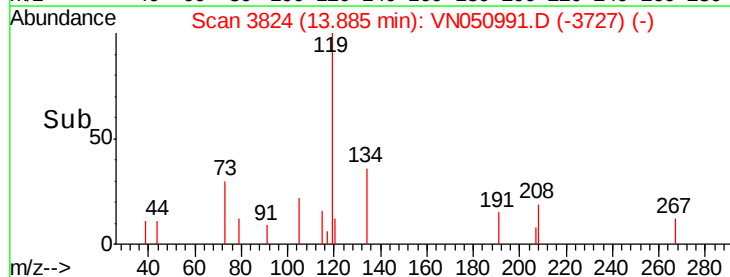
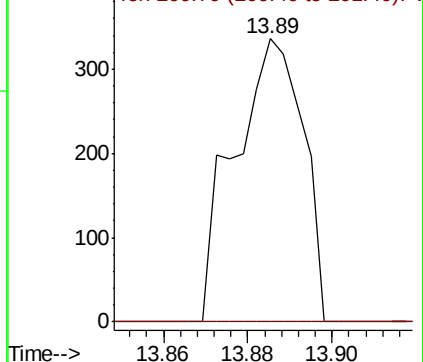
117 100

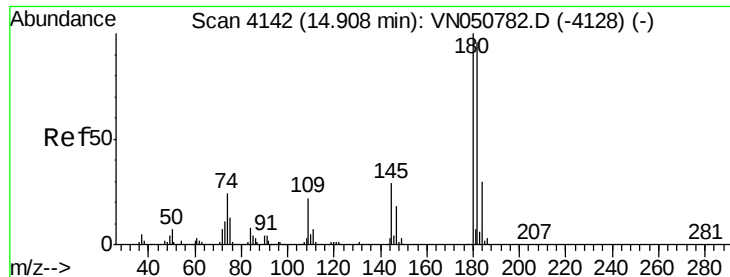
201 0.0 46.0 137.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

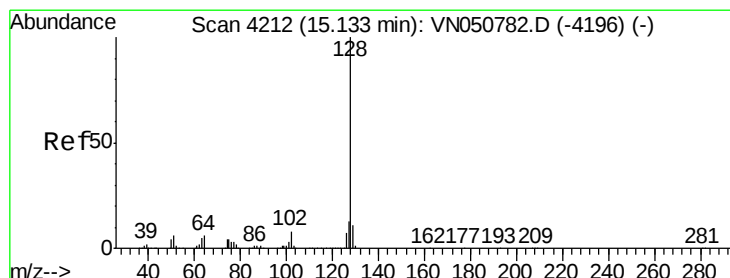
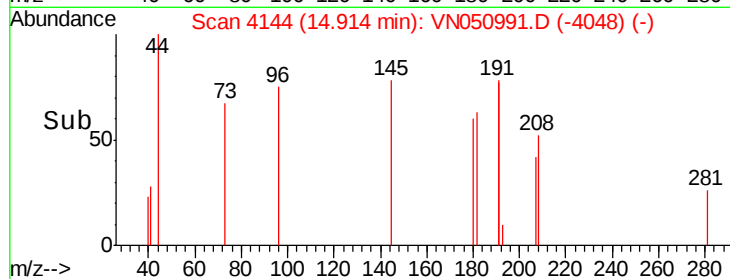
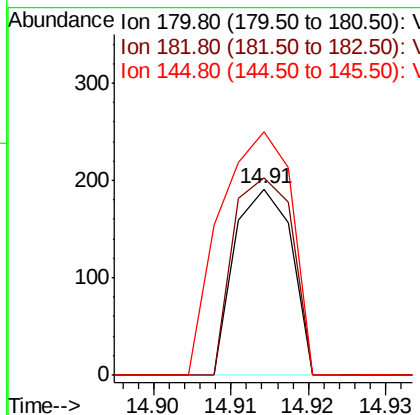
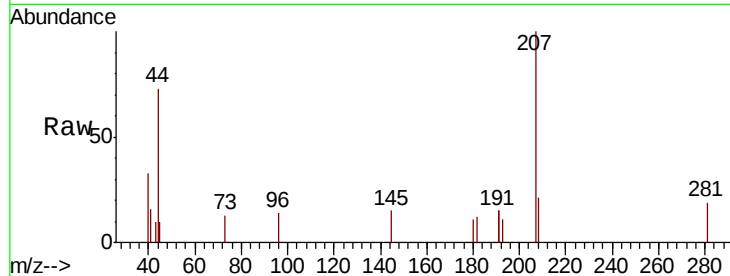




#93
 1,2,4-Trichlorobenzene
 Concen: 4.10 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.01 min
 Lab File: VN050991.D
 Acq: 31 Aug 2018 16:28

Instrument :
 MSVOA_N
 ClientSampleId :
 CONCRETE-BEDROCK

Tot Ion:180 Resp: 98
 Ion Ratio Lower Upper
 180 100
 182 110.2 48.2 144.6
 145 164.3 14.1 42.2#



#95
 Naphthalene
 Concen: 12.58 ug/l
 RT: 15.13 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN050991.D
 Acq: 31 Aug 2018 16:28

Tgt Ion:128 Resp: 81436
 Ion Ratio Lower Upper
 128 100
 127 14.4 10.5 15.7
 129 11.1 8.7 13.1

