

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051098.D
 Acq On : 11 Sep 2018 00:22
 Operator : MD\SY
 Sample : J4829-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES-3-4FT

Quant Time: Sep 11 04:37:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	616007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	968916	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	837361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	297807	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	370105	53.99	ug/l	0.00
Spiked Amount			Recovery	=	107.98%	
35) Dibromofluoromethane	7.59	113	361146	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
50) Toluene-d8	10.09	98	1318068	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	
62) 4-Bromofluorobenzene	12.40	95	373457	40.86	ug/l	0.00
Spiked Amount			Recovery	=	81.72%	

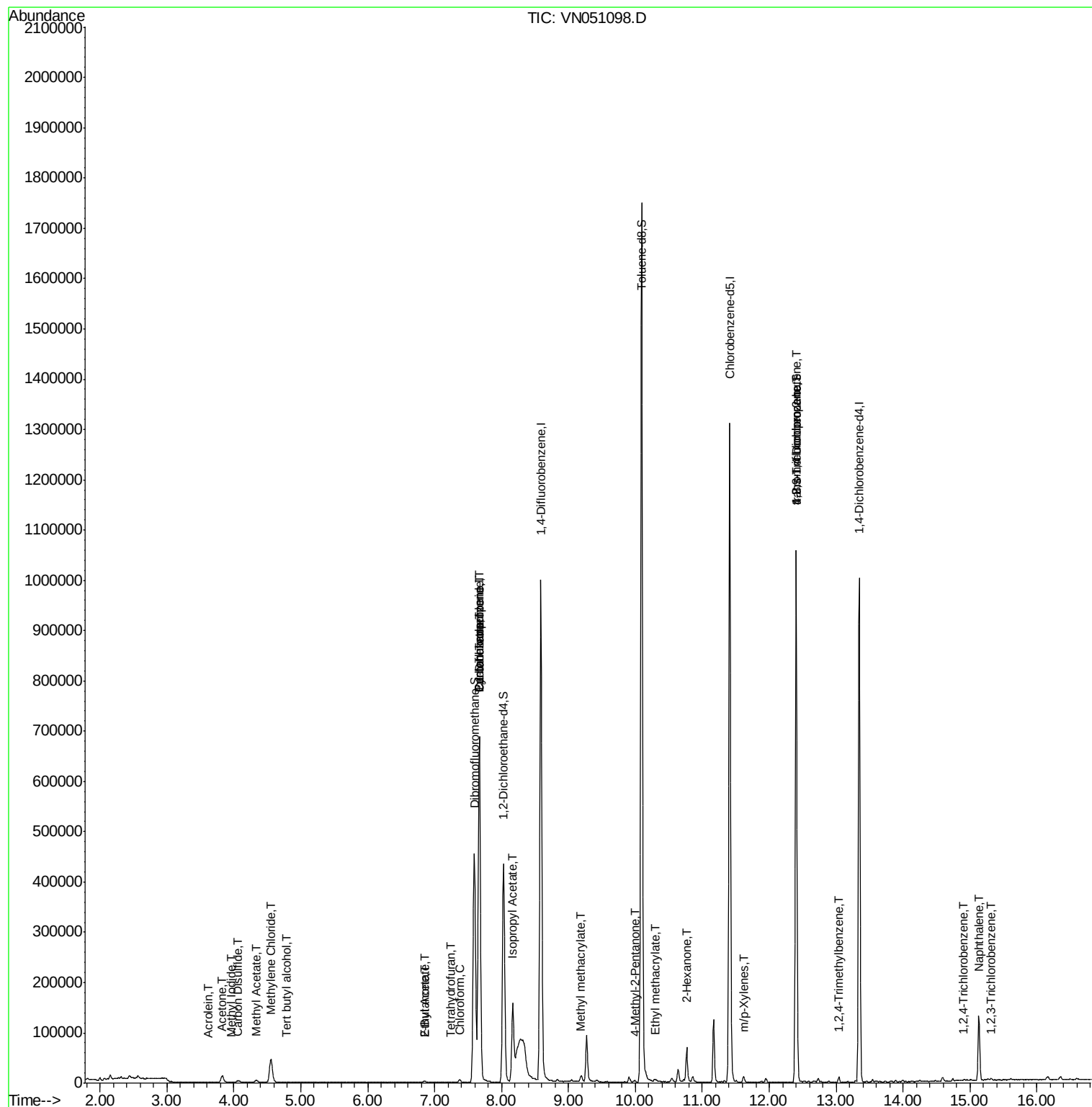
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2758	Below Cal		99
5) Bromomethane	2.57	94	3003	Below Cal	#	72
10) Methyl Iodide	3.96	142	980	5.76	ug/l #	88
11) Tert butyl alcohol	4.79	59	258	0.49	ug/l #	73
13) Acrolein	3.62	56	64	24.37	ug/l #	13
16) Acetone	3.82	43	23082	7.97	ug/l	94
17) Carbon Disulfide	4.05	76	3825	0.31	ug/l #	76
18) Methyl Acetate	4.34	43	8298	1.51	ug/l #	88
20) Methylene Chloride	4.55	84	36936	4.88	ug/l	93
25) 2-Butanone	6.86	43	3352	1.24	ug/l #	79
29) Tetrahydrofuran	7.23	42	1149	0.68	ug/l #	67
30) Chloroform	7.38	83	6629	0.53	ug/l	97
31) Cyclohexane	7.66	56	9941	0.66	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	38900	3.66	ug/l #	48
37) Ethyl Acetate	6.86	43	3352	0.54	ug/l #	66
38) Carbon Tetrachloride	7.67	117	52610	5.02	ug/l #	16
43) Isopropyl Acetate	8.17	43	193616	17.81	ug/l #	86
48) Methyl methacrylate	9.18	41	7379	1.39	ug/l #	16
51) 4-Methyl-2-Pentanone	9.98	43	2829	0.47	ug/l	93
56) Ethyl methacrylate	10.31	69	65	2.46	ug/l #	29
59) 2-Hexanone	10.77	43	10841	2.66	ug/l #	57
68) m/p-Xylenes	11.62	106	3963	0.30	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.40	83	73	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	170964	36.63	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	170964	109.03	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	6369	0.32	ug/l	97
90) Hexachloroethane	13.88	117	106	Below Cal	#	2
93) 1,2,4-Trichlorobenzene	14.91	180	1276	4.20	ug/l	94
94) Hexachlorobutadiene	15.01	225	447	Below Cal	#	48
95) Naphthalene	15.13	128	116610	14.64	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	604	3.06	ug/l #	7

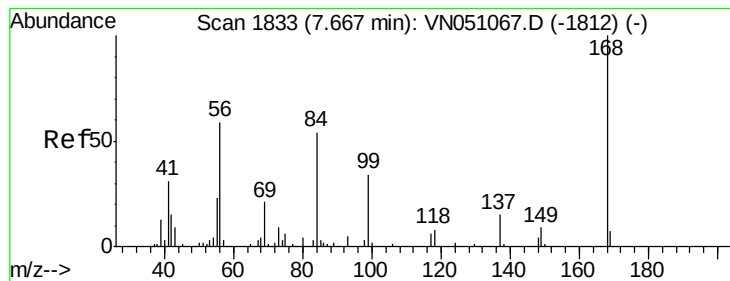
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051098.D

Acq: 11 Sep 2018 00:22

Instrument :

MSVOA_N

ClientSampleId :

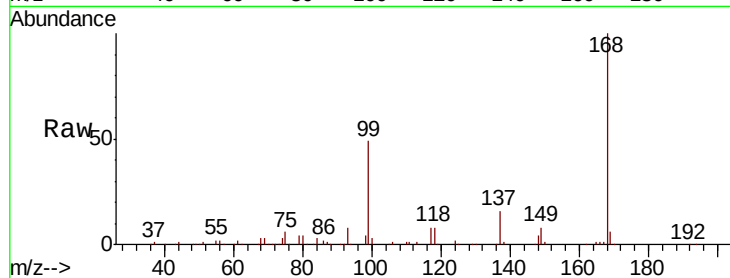
OILY-STONES-3-4FT

Tot Ion:168 Resp: 616007

Ion Ratio Lower Upper

168 100

99 48.7 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

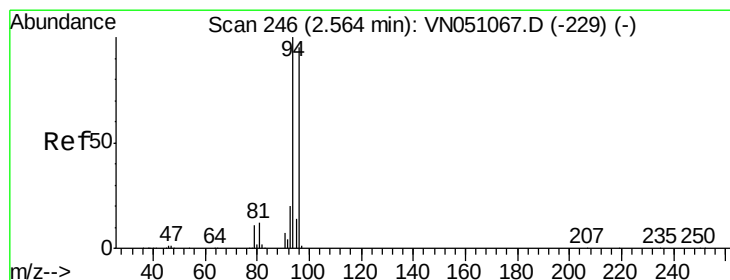
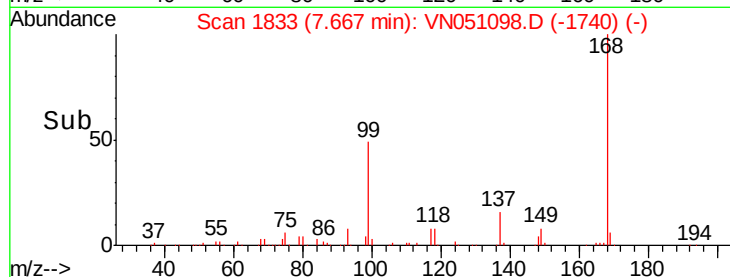
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN051098.D

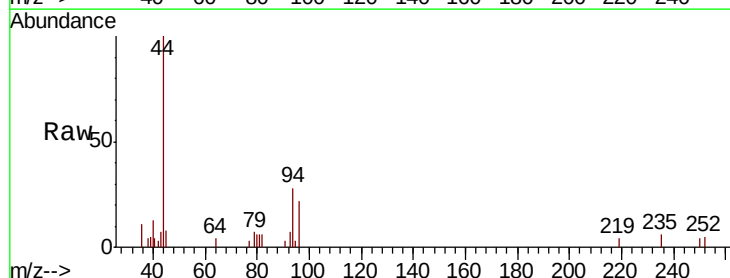
Acq: 11 Sep 2018 00:22

Tgt Ion: 94 Resp: 3003

Ion Ratio Lower Upper

94 100

96 67.5 75.9 113.9#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.57

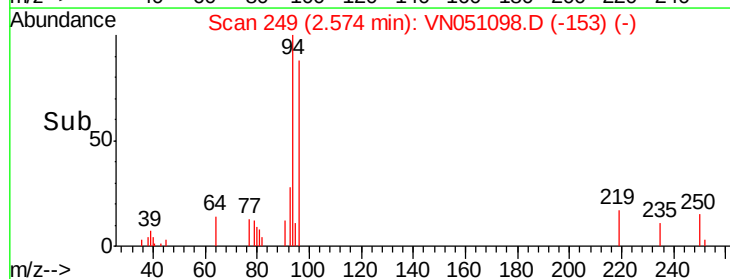
1500

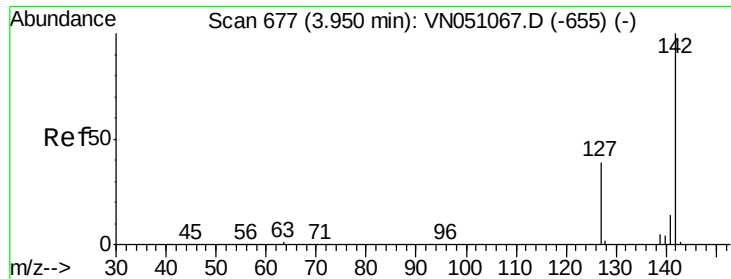
1000

500

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Time-->

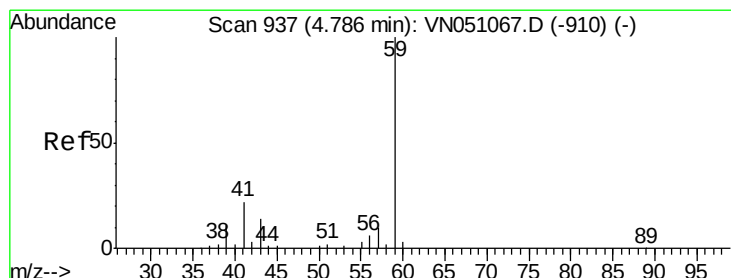
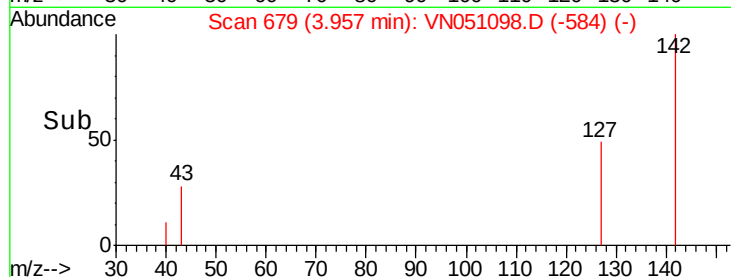
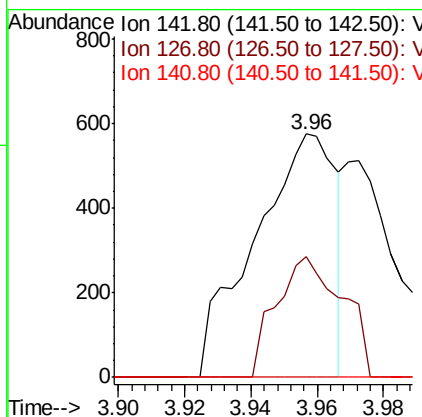
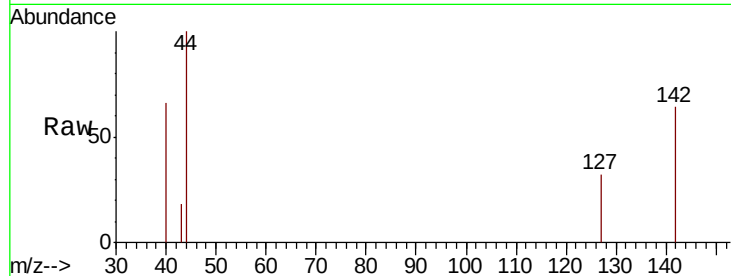




#10
Methvl Iodide
Concen: 5.76 ug/l
RT: 3.96 min Scan# 679
Delta R.T. 0.01 min
Lab File: VN051098.D
Acq: 11 Sep 2018 00:22

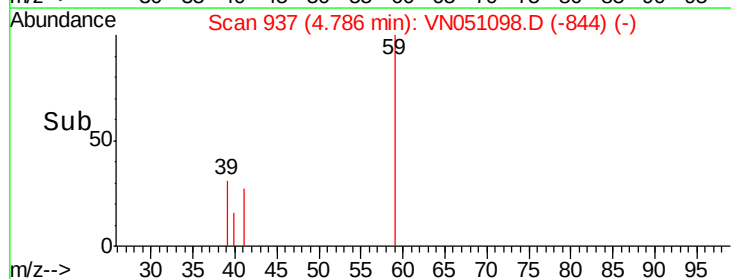
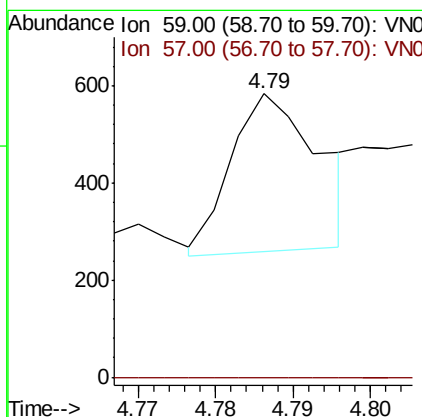
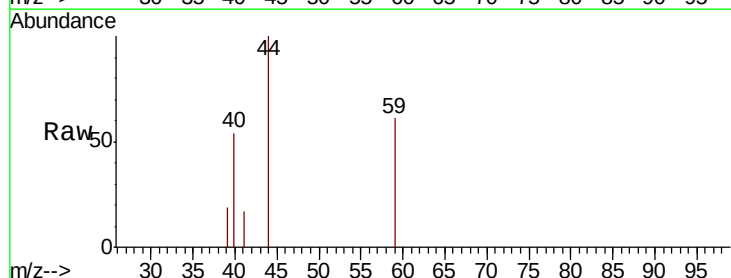
Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES-3-4FT

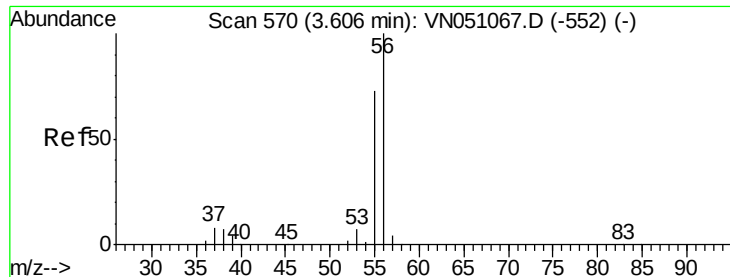
Tot Ion:142 Resp: 980
Ion Ratio Lower Upper
142 100
127 40.6 31.0 46.4
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.49 ug/l
RT: 4.79 min Scan# 937
Delta R.T. -0.00 min
Lab File: VN051098.D
Acq: 11 Sep 2018 00:22

Tgt Ion: 59 Resp: 258
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#13

Acrolein

Concen: 24.37 ug/l

RT: 3.62 min Scan# 574

Delta R.T. 0.01 min

Lab File: VN051098.D

Acq: 11 Sep 2018 00:22

Instrument :

MSVOA_N

ClientSampleId :

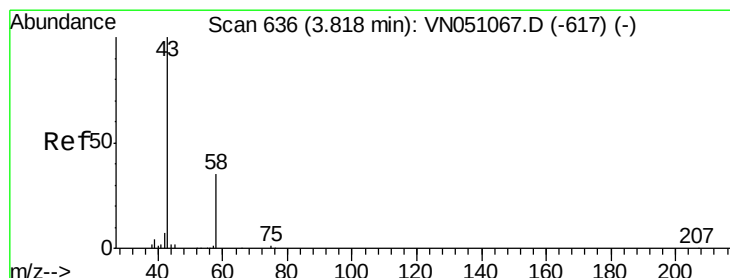
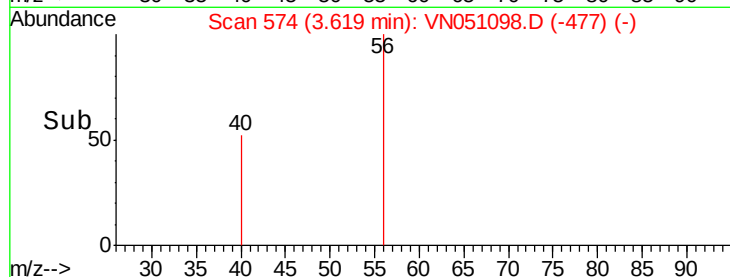
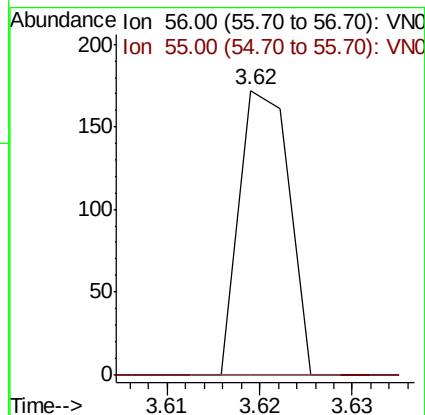
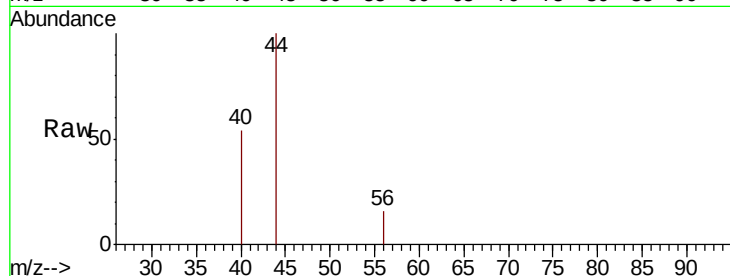
OILY-STONES-3-4FT

Tot Ion: 56 Resp: 64

Ion Ratio Lower Upper

56 100

55 0.0 58.0 87.0#



#16

Acetone

Concen: 7.97 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051098.D

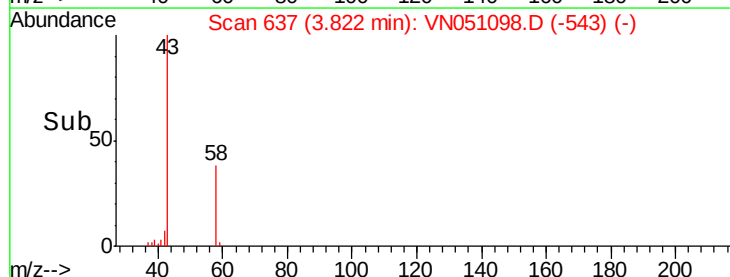
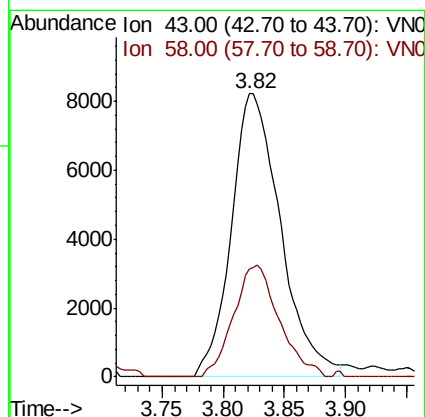
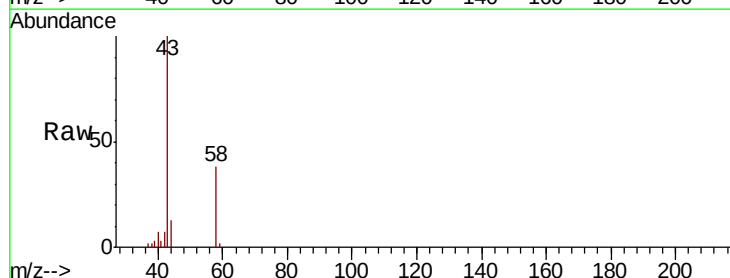
Acq: 11 Sep 2018 00:22

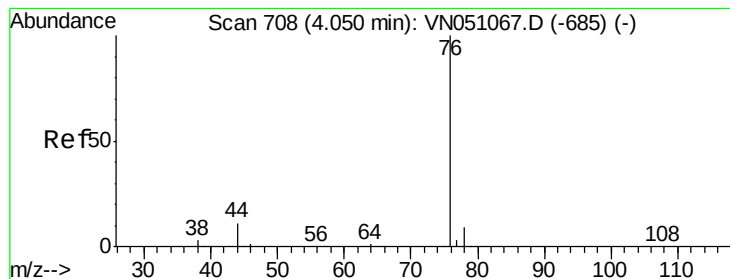
Tgt Ion: 43 Resp: 23082

Ion Ratio Lower Upper

43 100

58 38.1 27.8 41.6





#17

Carbon Disulfide

Concen: 0.31 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN051098.D

Acq: 11 Sep 2018 00:22

Instrument :

MSVOA_N

ClientSampleId :

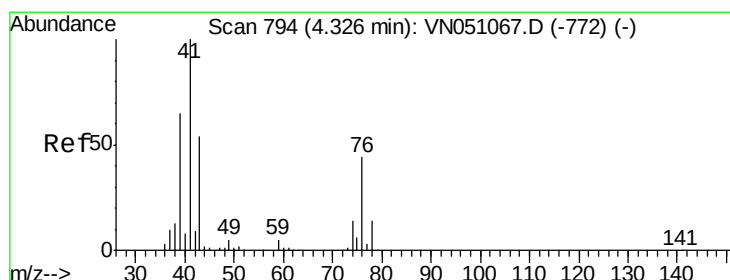
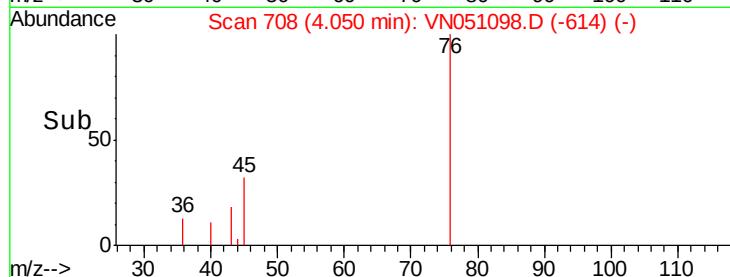
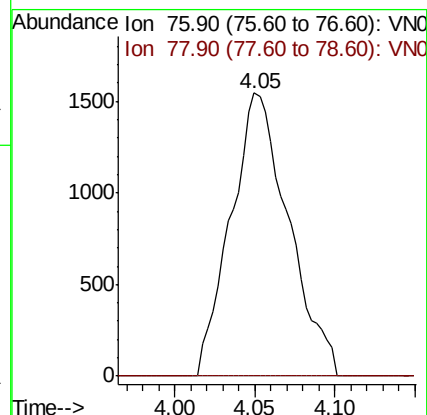
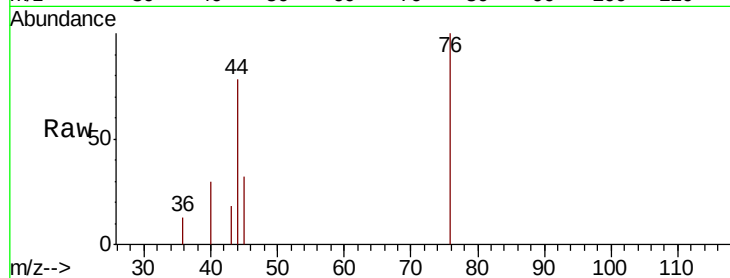
OILY-STONES-3-4FT

Tot Ion: 76 Resp: 3825

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#18

Methyl Acetate

Concen: 1.51 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051098.D

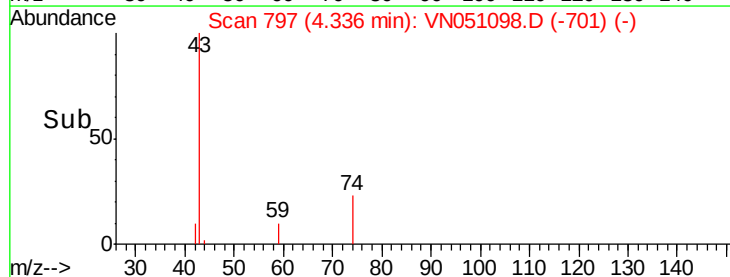
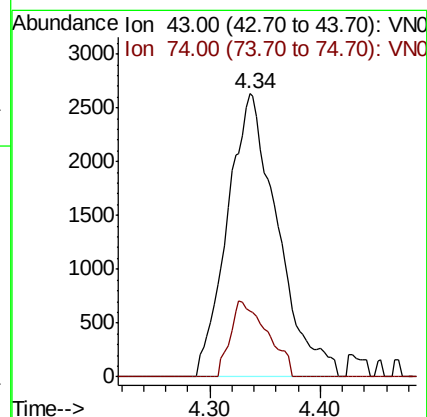
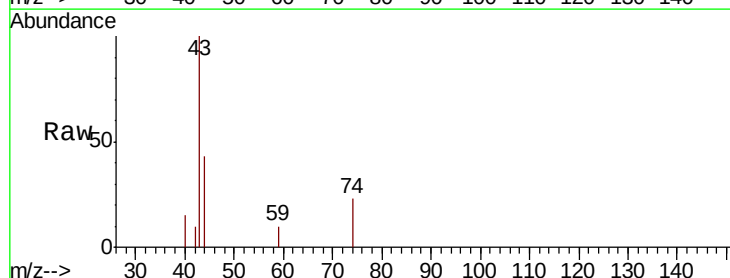
Acq: 11 Sep 2018 00:22

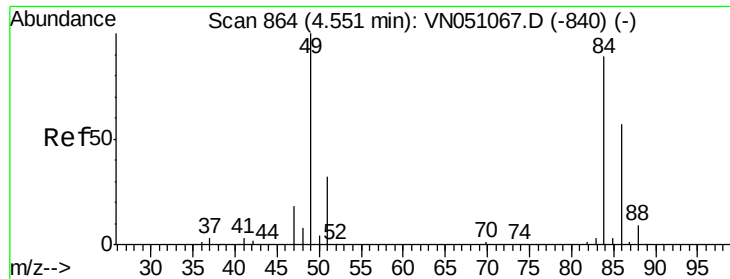
Tgt Ion: 43 Resp: 8298

Ion Ratio Lower Upper

43 100

74 19.8 20.7 31.1#

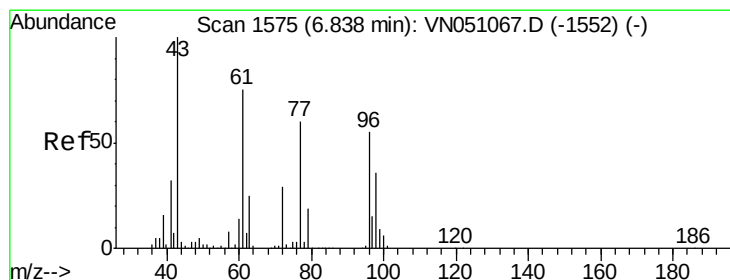
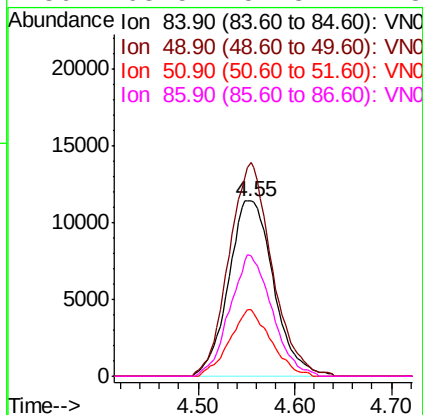
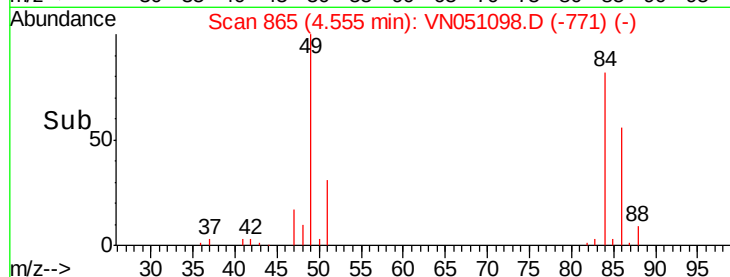
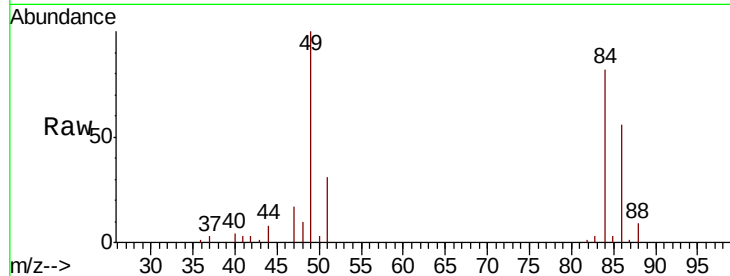




#20
Methvlene Chloride
Concen: 4.88 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051098.D
Acq: 11 Sep 2018 00:22

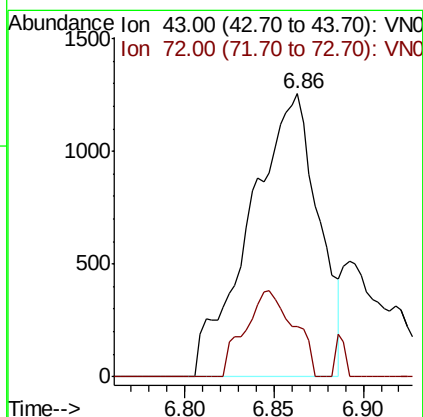
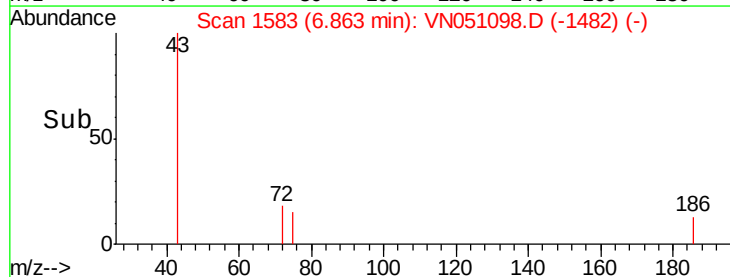
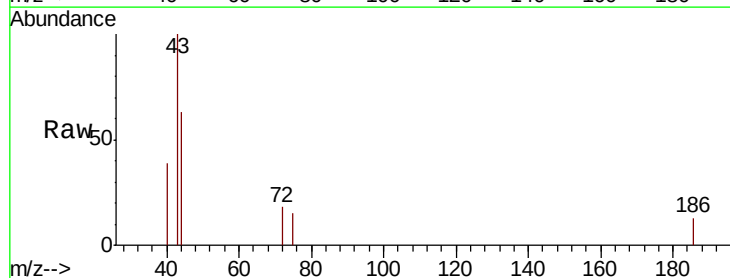
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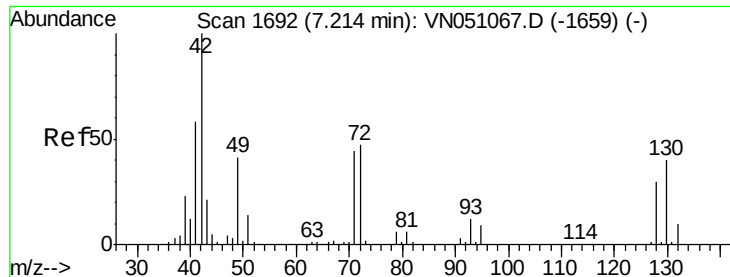
Tot Ion:	84	Resp:	36936
Ion	Ratio	Lower	Upper
84	100		
49	121.9	90.2	135.2
51	37.9	28.4	42.6
86	68.5	51.8	77.8



#25
2-Butanone
Concen: 1.24 ug/l
RT: 6.86 min Scan# 1583
Delta R.T. 0.03 min
Lab File: VN051098.D
Acq: 11 Sep 2018 00:22

Tgt Ion:	43	Resp:	3352
Ion	Ratio	Lower	Upper
43	100		
72	17.7	23.0	34.6#





#29

Tetrahydrofuran

Concen: 0.68 ug/l

RT: 7.23 min Scan# 1698

Delta R.T. 0.02 min

Lab File: VN051098.D

Acq: 11 Sep 2018 00:22

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES-3-4FT

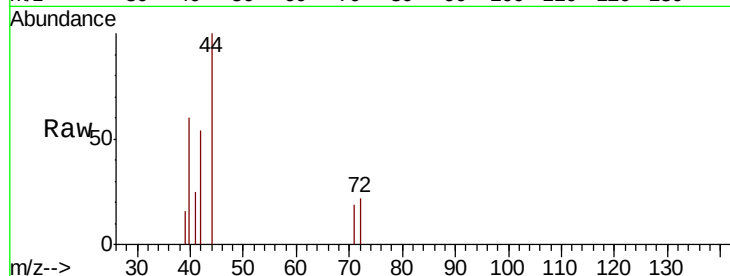
Tot Ion: 42 Resp: 1149

Ion Ratio Lower Upper

42 100

72 27.6 37.4 56.0#

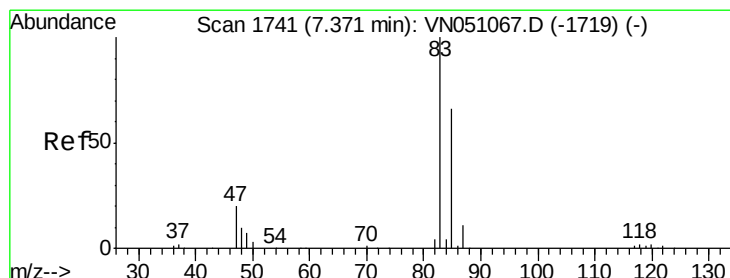
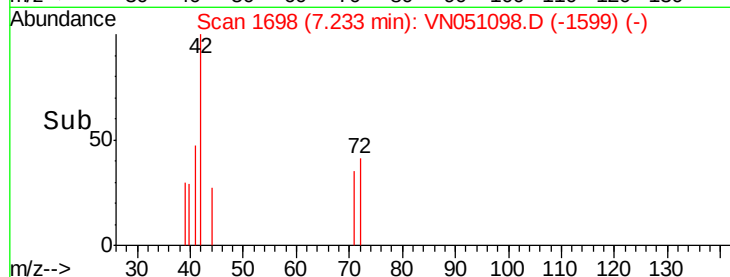
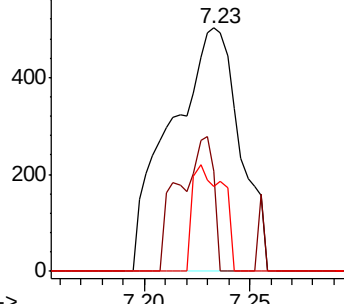
71 19.1 34.7 52.1#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 0.53 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VN051098.D

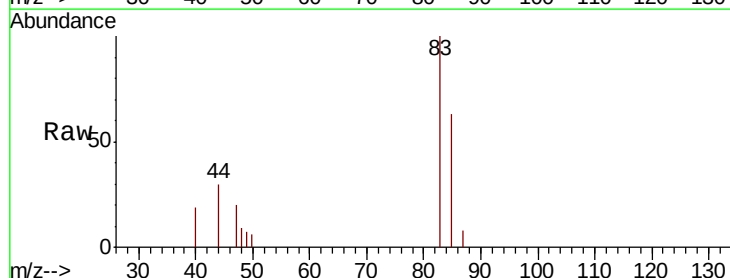
Acq: 11 Sep 2018 00:22

Tgt Ion: 83 Resp: 6629

Ion Ratio Lower Upper

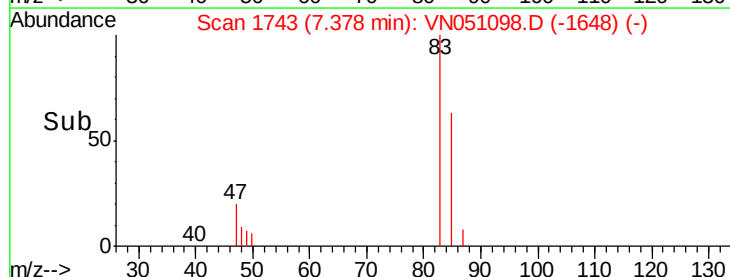
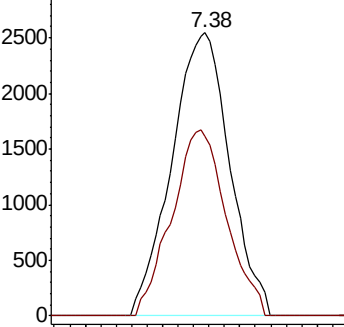
83 100

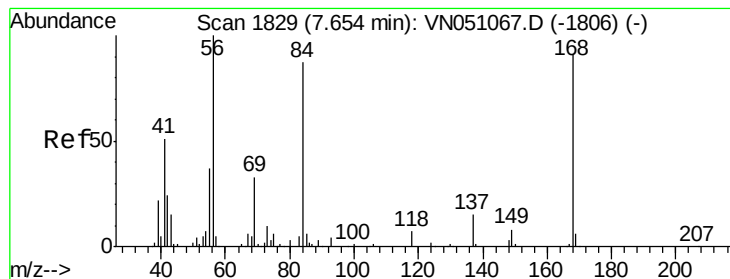
85 63.4 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 0.66 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

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OILY-STONES-3-4FT

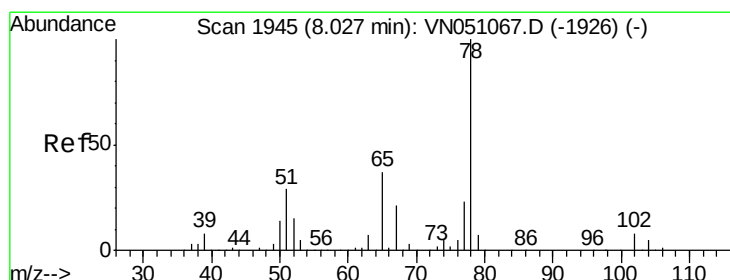
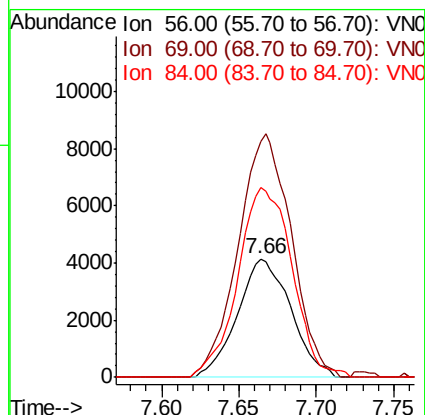
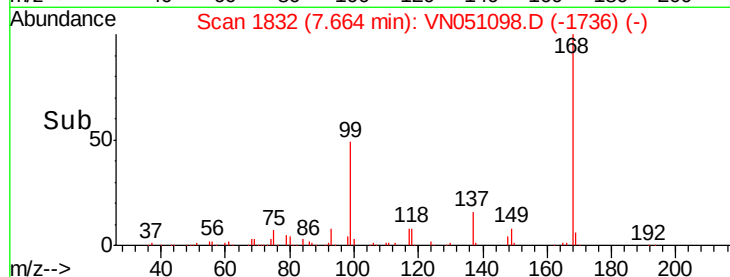
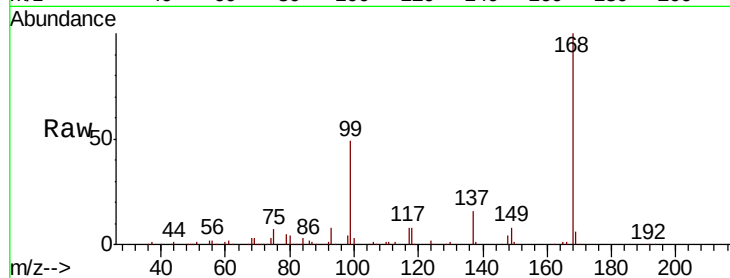
Tot Ion: 56 Resp: 9941

Ion Ratio Lower Upper

56 100

69 198.7 26.3 39.5#

84 160.0 69.4 104.0#



#33

1,2-Dichloroethane-d4

Concen: 53.99 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051098.D

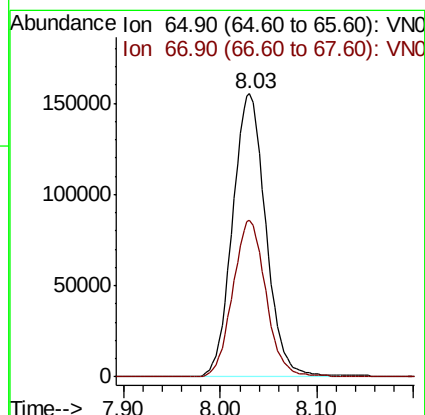
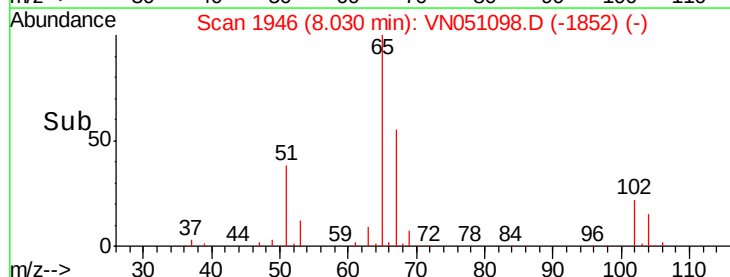
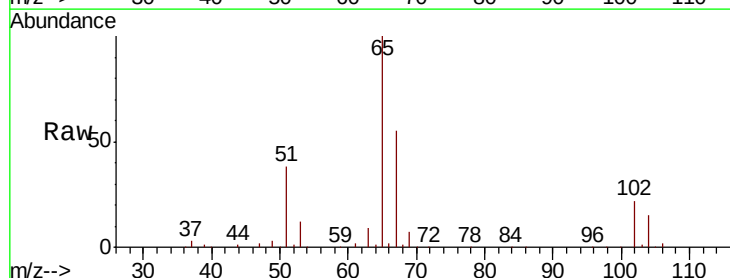
Acq: 11 Sep 2018 00:22

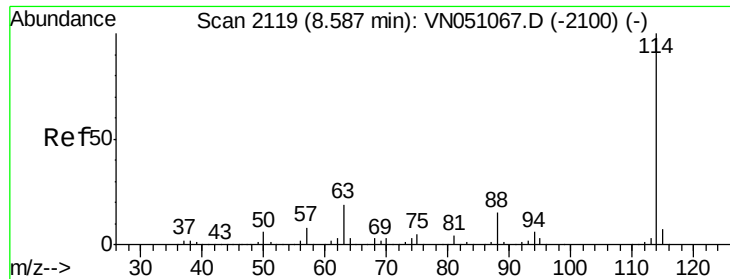
Tgt Ion: 65 Resp: 370105

Ion Ratio Lower Upper

65 100

67 55.2 0.0 112.0

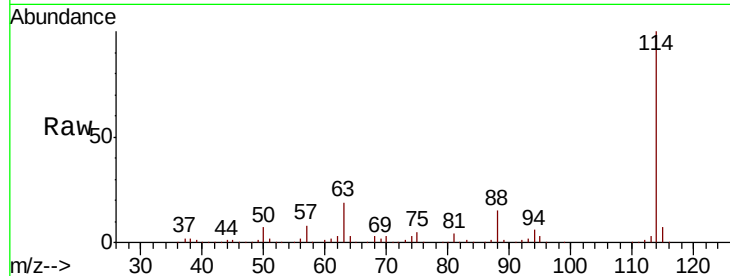




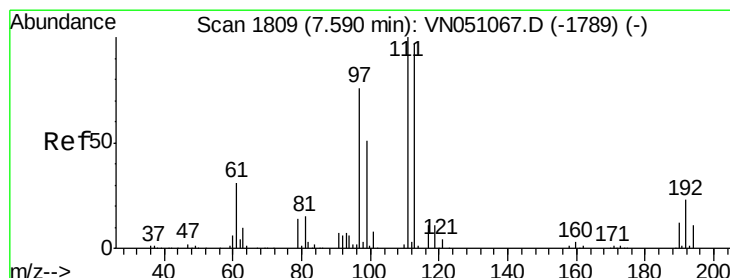
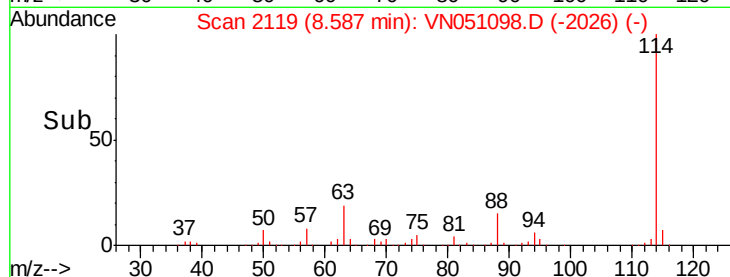
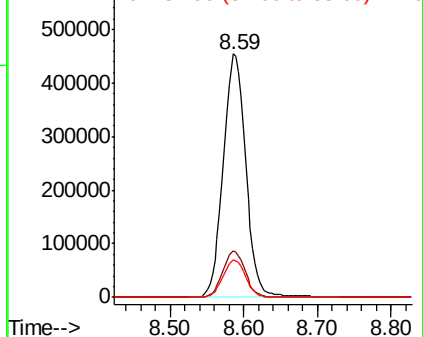
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051098.D
 Acq: 11 Sep 2018 00:22

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES-3-4FT

Tot Ion:114 Resp: 968916
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.8
 88 15.2 0.0 30.8

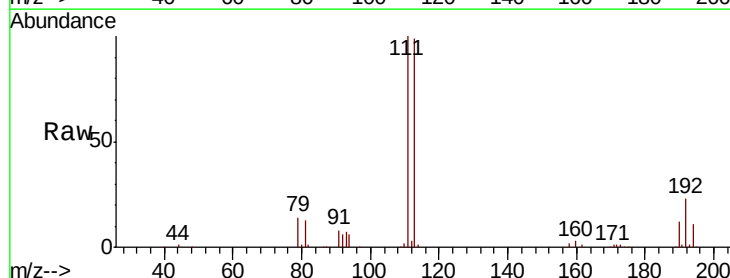


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

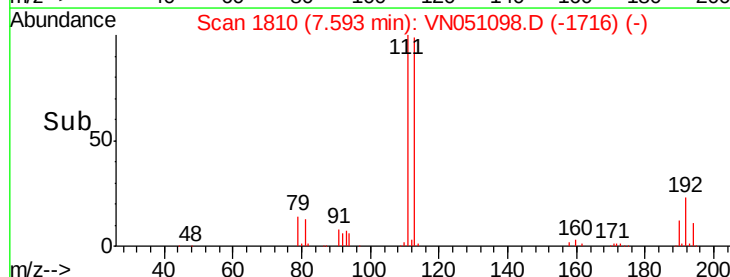
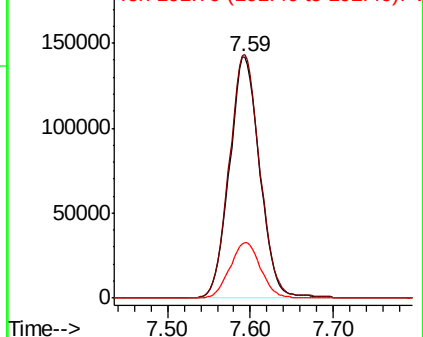


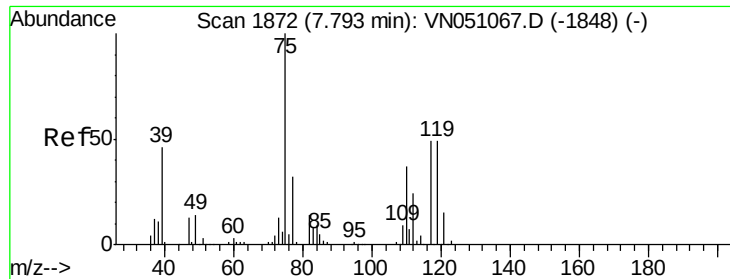
#35
 Dibromofluoromethane
 Concen: 49.60 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051098.D
 Acq: 11 Sep 2018 00:22

Tgt Ion:113 Resp: 361146
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.0 124.6
 192 23.4 18.7 28.1



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

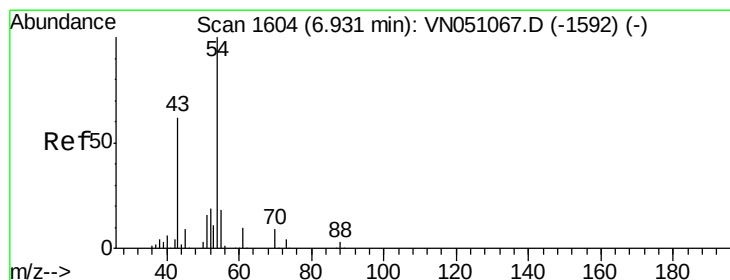
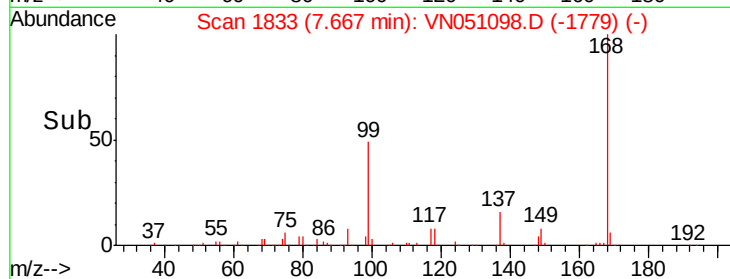
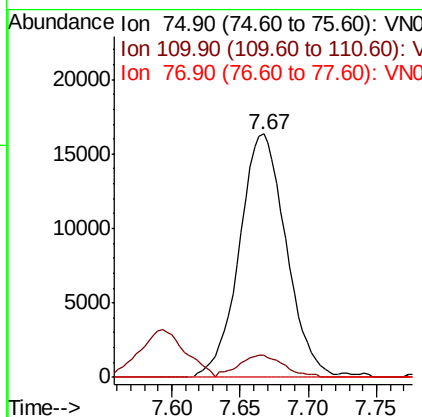
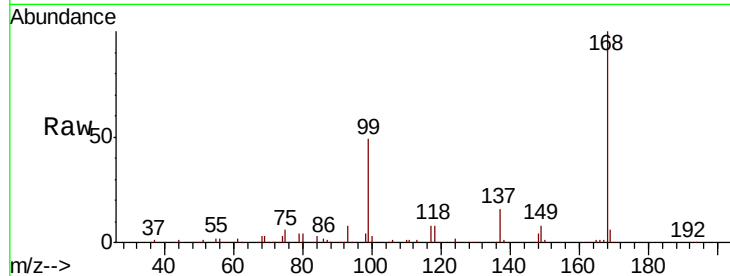




#36
 1,1-Dichloropropene
 Concen: 3.66 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051098.D
 Acq: 11 Sep 2018 00:22

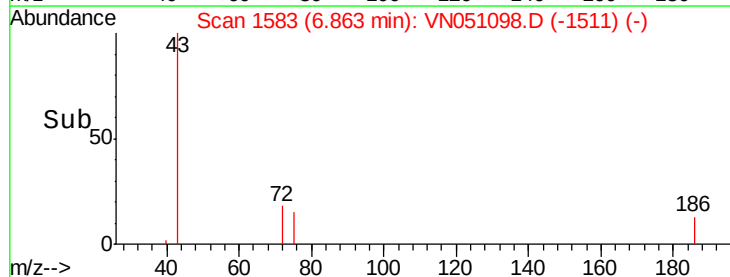
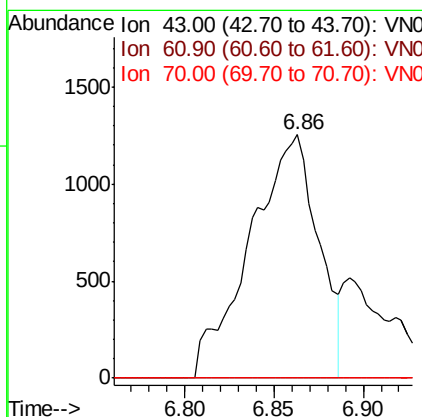
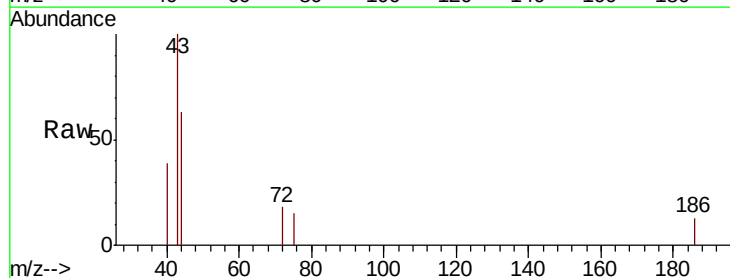
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES-3-4FT

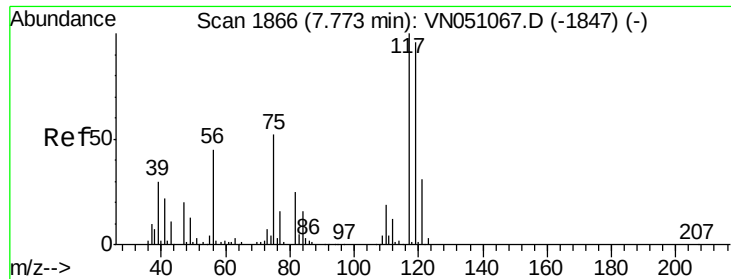
Tot Ion: 75 Resp: 38900
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.6 55.8#
 77 0.0 25.2 37.8#



#37
 Ethyl Acetate
 Concen: 0.54 ug/l
 RT: 6.86 min Scan# 1583
 Delta R.T. -0.07 min
 Lab File: VN051098.D
 Acq: 11 Sep 2018 00:22

Tgt Ion: 43 Resp: 3352
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.4 18.6#
 70 0.0 9.3 13.9#





#38

Carbon Tetrachloride

Concen: 5.02 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051098.D

Acq: 11 Sep 2018 00:22

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES-3-4FT

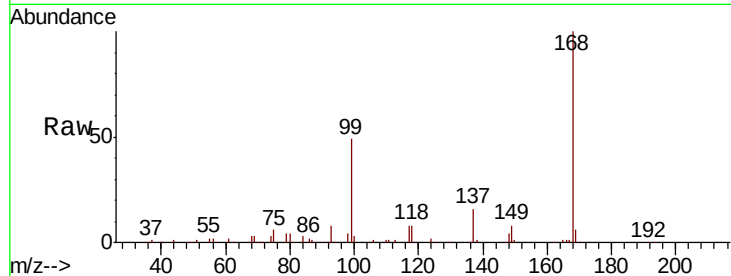
Tot Ion:117 Resp: 52610

Ion Ratio Lower Upper

117 100

119 4.9 76.8 115.2#

121 0.0 24.6 36.8#

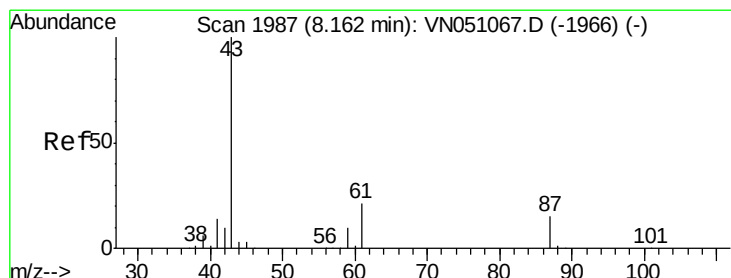
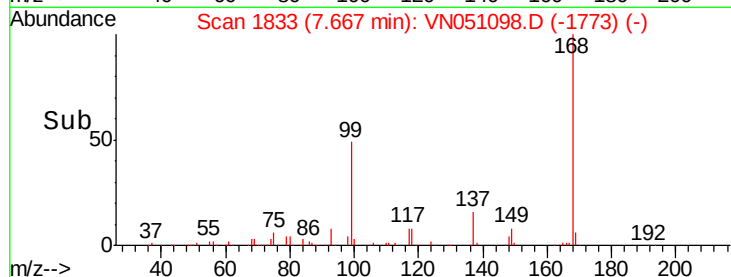
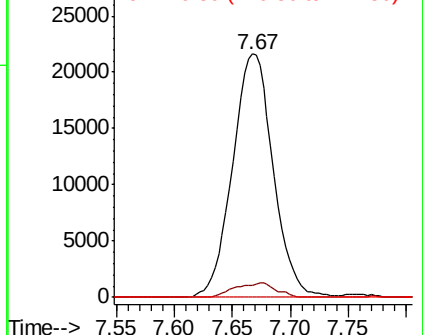


Abundance

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



#43

Isopropyl Acetate

Concen: 17.81 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051098.D

Acq: 11 Sep 2018 00:22

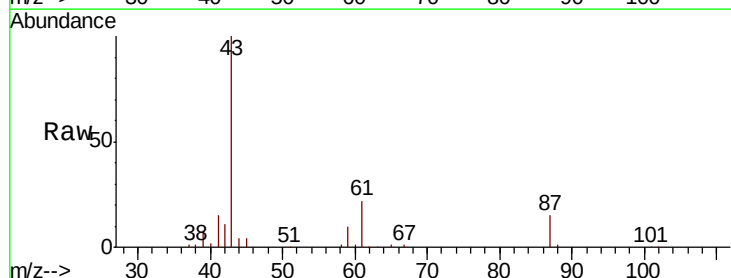
Tgt Ion: 43 Resp: 193616

Ion Ratio Lower Upper

43 100

61 20.2 25.0 37.6#

87 13.7 11.8 17.8

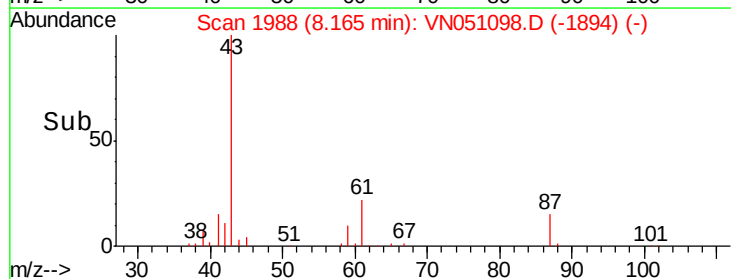
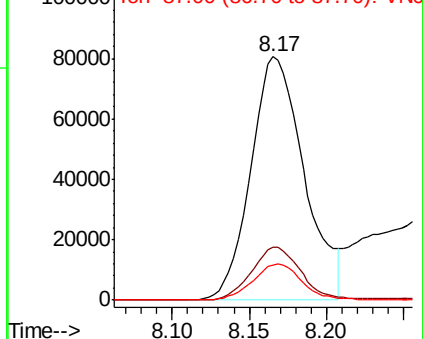


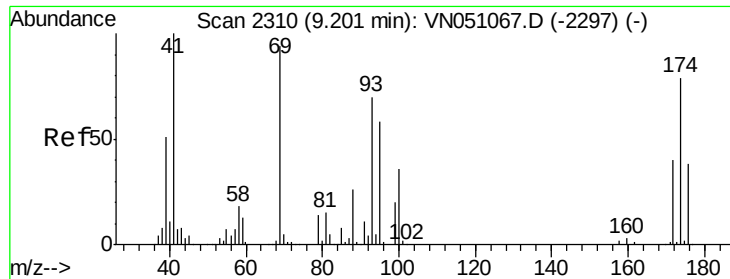
Abundance

Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

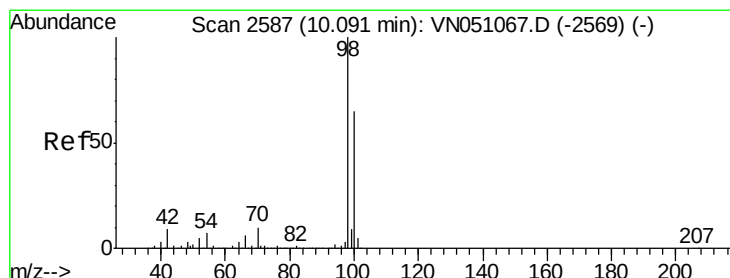
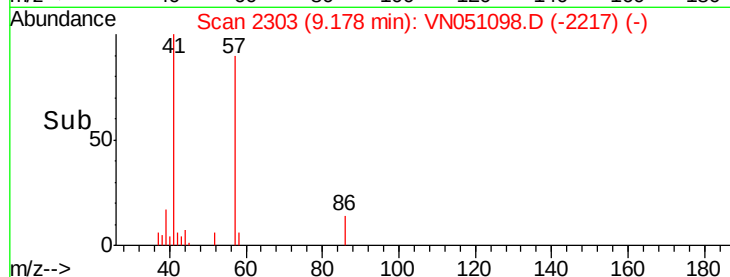
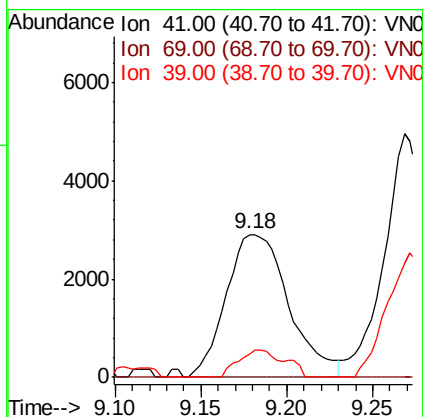
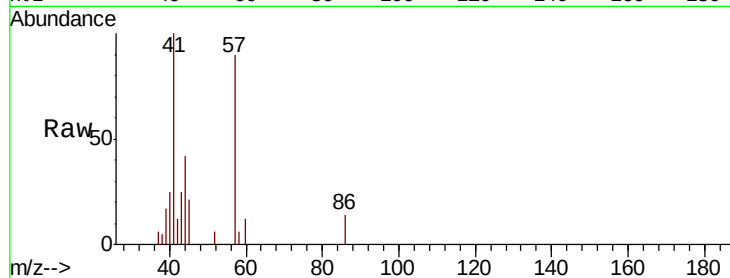




#48
Methyl methacrylate
Concen: 1.39 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN051098.D
Acq: 11 Sep 2018 00:22

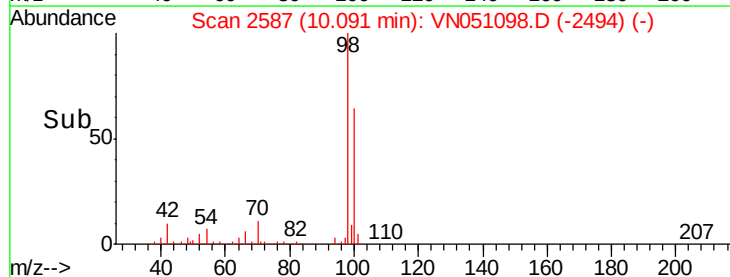
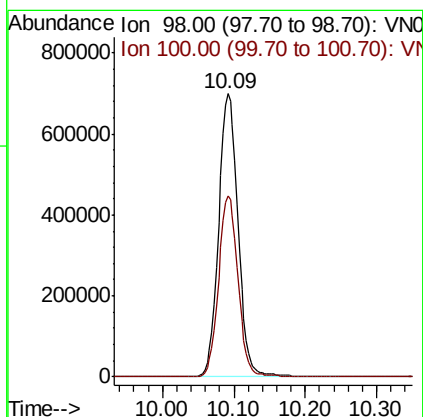
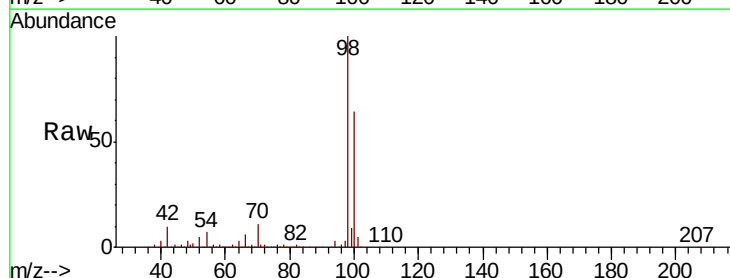
Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES-3-4FT

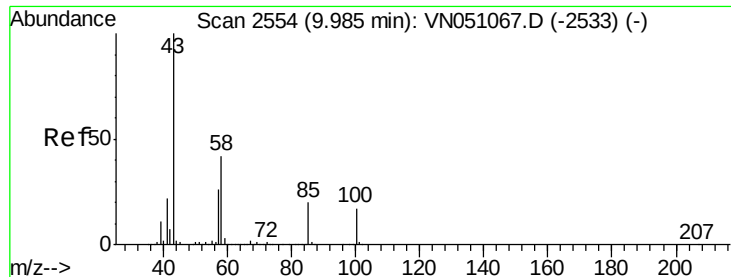
Tot Ion: 41 Resp: 7379
Ion Ratio Lower Upper
41 100
69 0.0 77.7 116.5#
39 11.6 41.6 62.4#



#50
Toluene-d8
Concen: 47.71 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051098.D
Acq: 11 Sep 2018 00:22

Tgt Ion: 98 Resp: 1318068
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.47 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.01 min

Lab File: VN051098.D

Acq: 11 Sep 2018 00:22

Instrument :

MSVOA_N

ClientSampleId :

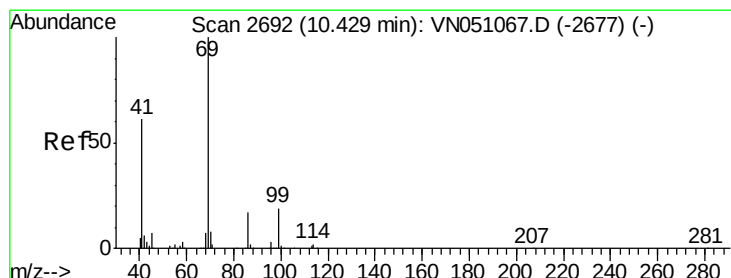
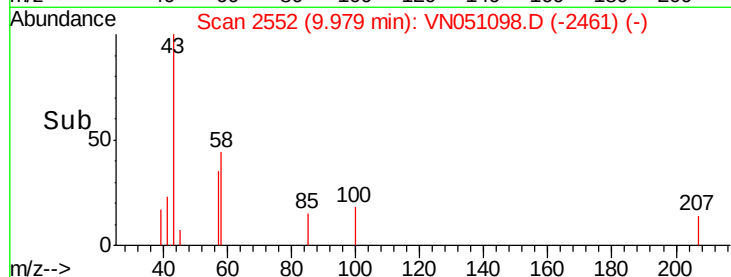
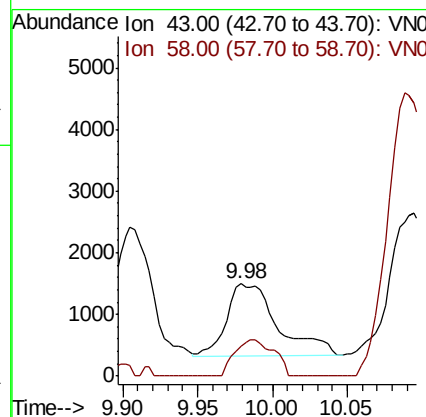
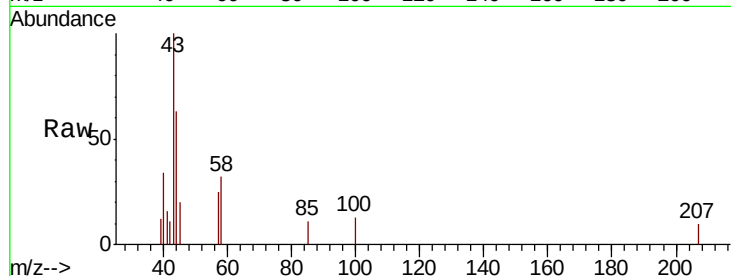
OILY-STONES-3-4FT

Tot Ion: 43 Resp: 2829

Ion Ratio Lower Upper

43 100

58 37.8 33.5 50.3



#56

Ethyl methacrylate

Concen: 2.46 ug/l

RT: 10.31 min Scan# 2656

Delta R.T. -0.12 min

Lab File: VN051098.D

Acq: 11 Sep 2018 00:22

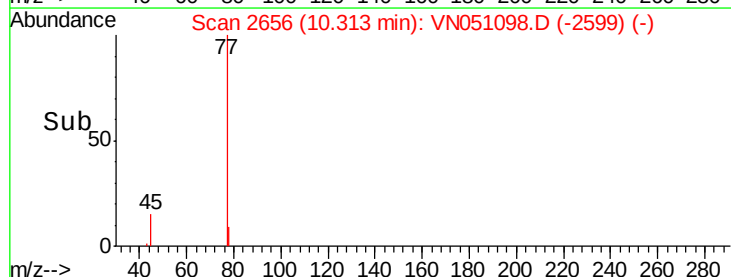
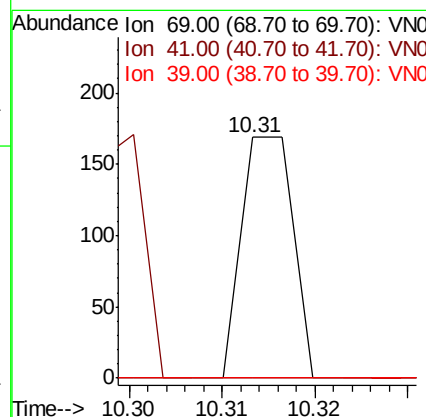
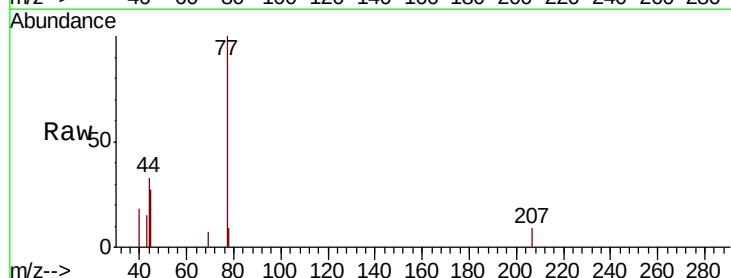
Tgt Ion: 69 Resp: 65

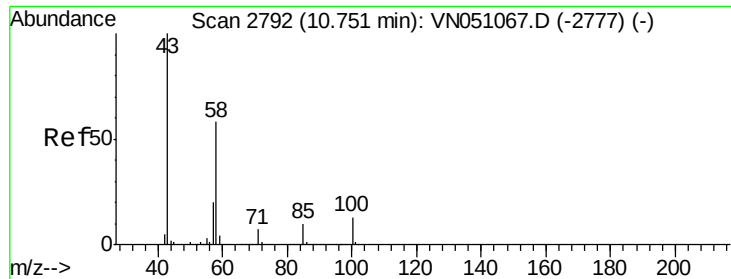
Ion Ratio Lower Upper

69 100

41 0.0 47.8 71.8#

39 0.0 23.0 34.4#

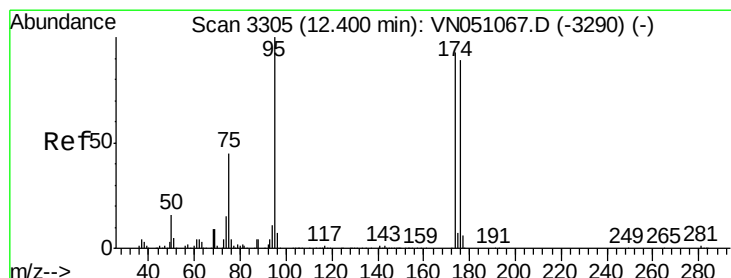
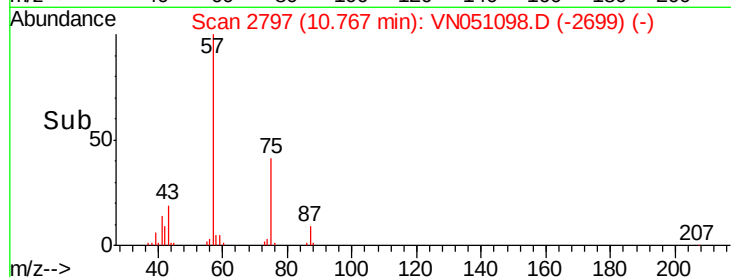
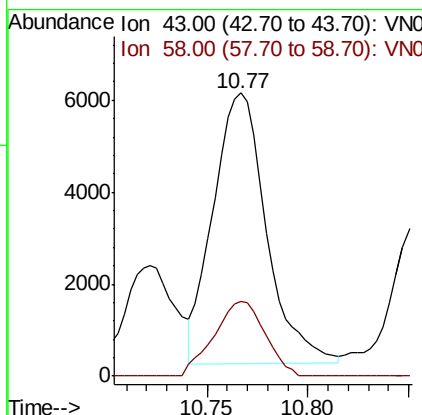
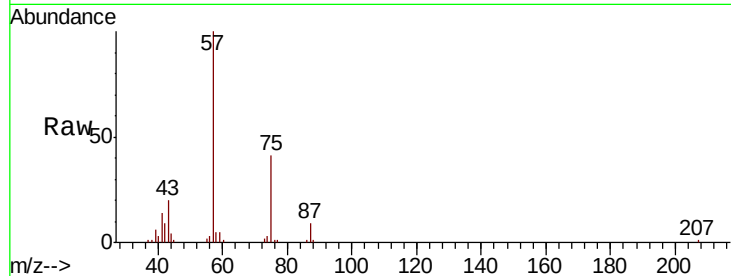




#59
2-Hexanone
Concen: 2.66 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.02 min
Lab File: VN051098.D
Acq: 11 Sep 2018 00:22

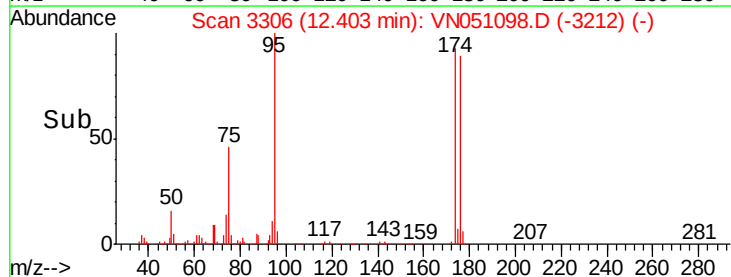
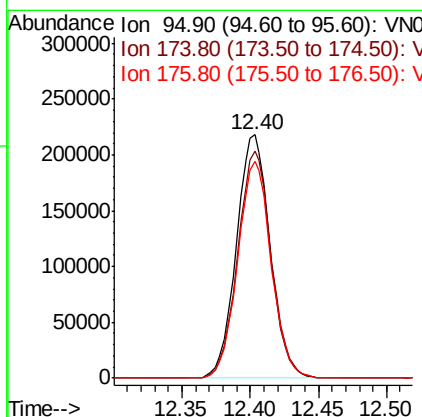
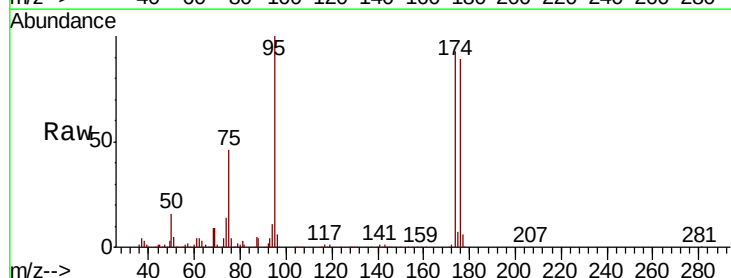
Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES-3-4FT

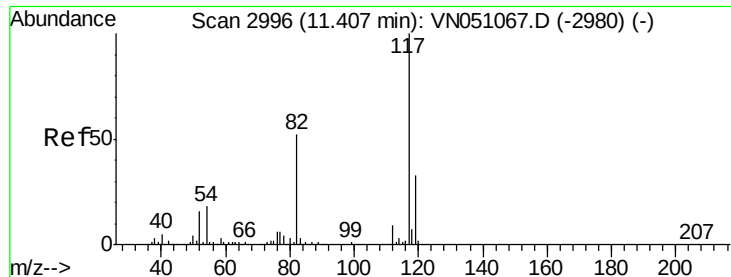
Tot Ion: 43 Resp: 10841
Ion Ratio Lower Upper
43 100
58 26.4 29.3 88.0#



#62
4-Bromofluorobenzene
Concen: 40.86 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051098.D
Acq: 11 Sep 2018 00:22

Tgt Ion: 95 Resp: 373457
Ion Ratio Lower Upper
95 100
174 92.9 0.0 184.8
176 88.4 0.0 178.6

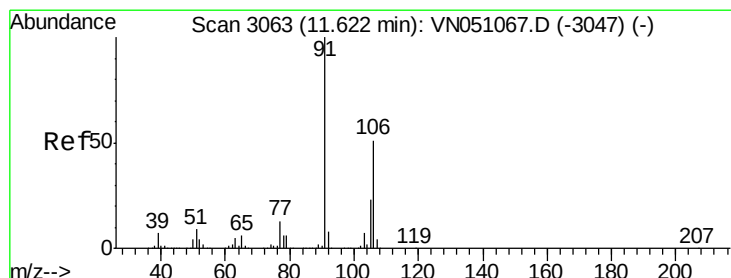
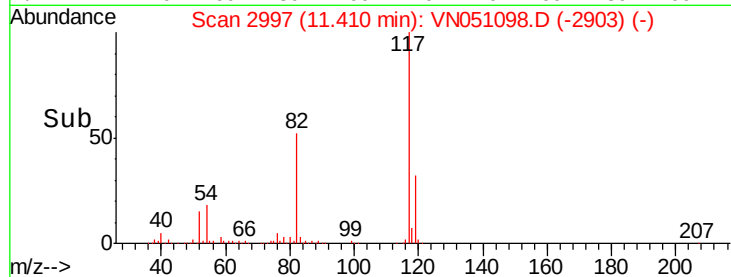
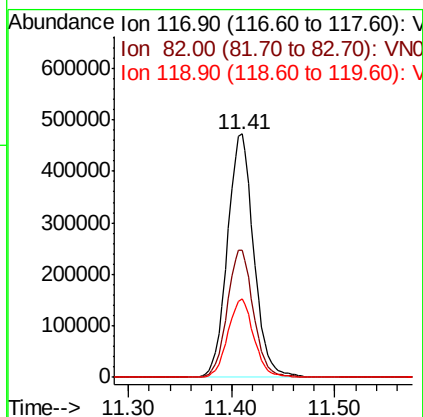
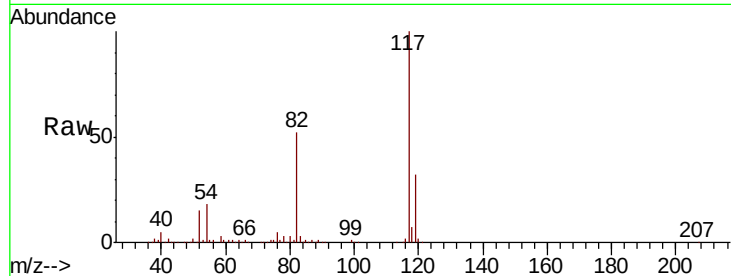




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051098.D
Acq: 11 Sep 2018 00:22

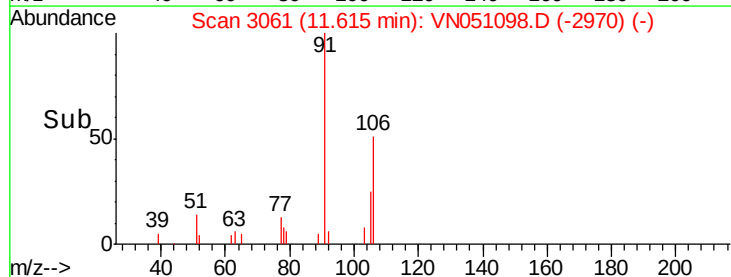
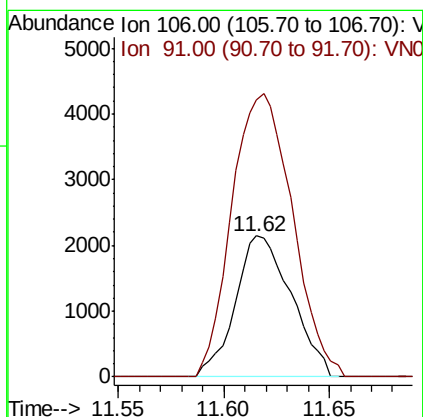
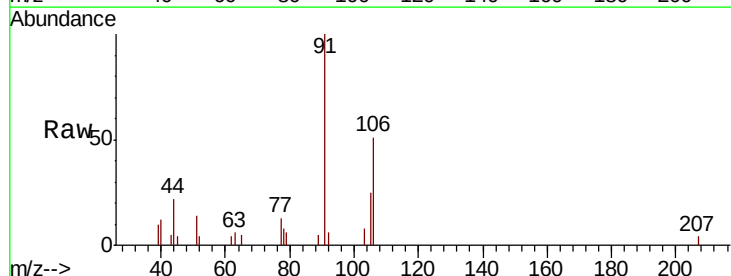
Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES-3-4FT

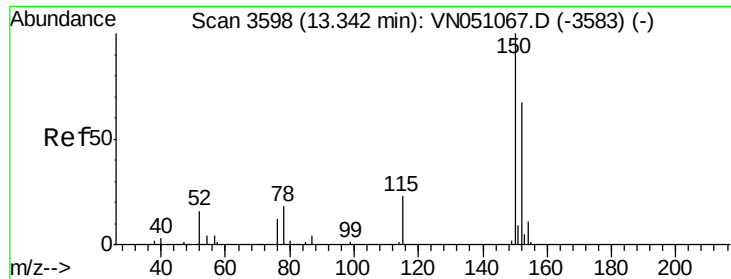
Tot Ion:117 Resp: 837361
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.6
119 32.0 26.2 39.2



#68
m/p-Xylenes
Concen: 0.30 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN051098.D
Acq: 11 Sep 2018 00:22

Tgt Ion:106 Resp: 3963
Ion Ratio Lower Upper
106 100
91 216.7 159.8 239.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051098.D

Acq: 11 Sep 2018 00:22

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES-3-4FT

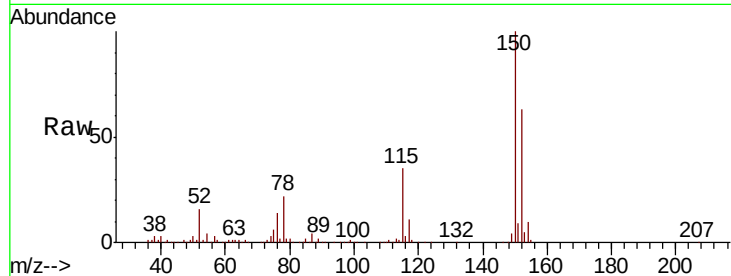
Tot Ion:152 Resp: 297807

Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.7

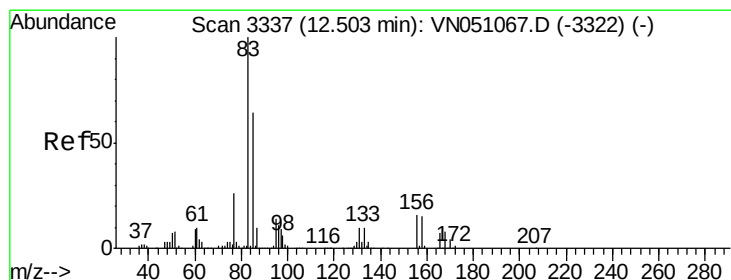
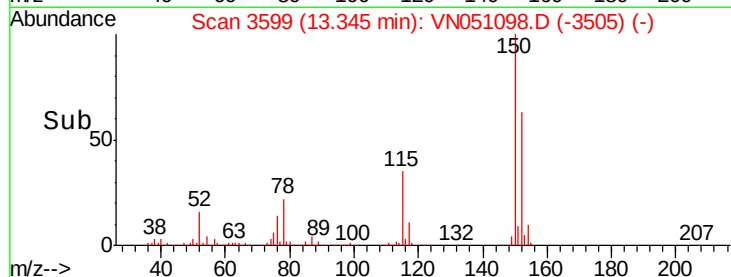
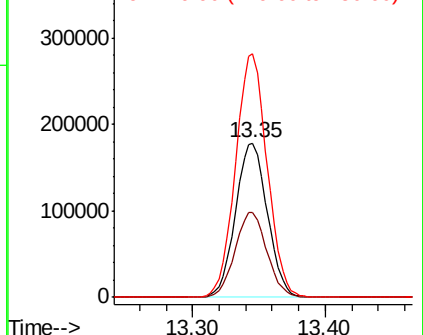
150 156.5 0.0 349.0



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



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3304

Delta R.T. -0.11 min

Lab File: VN051098.D

Acq: 11 Sep 2018 00:22

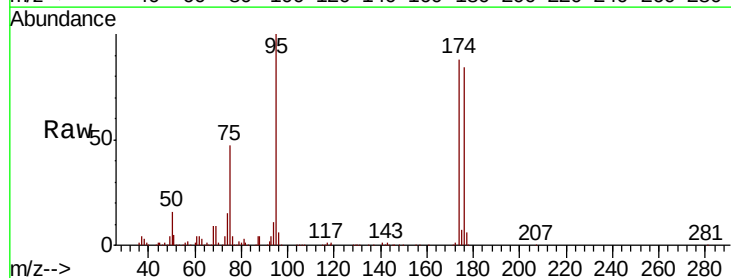
Tgt Ion: 83 Resp: 73

Ion Ratio Lower Upper

83 100

131 317.8 5.3 16.1#

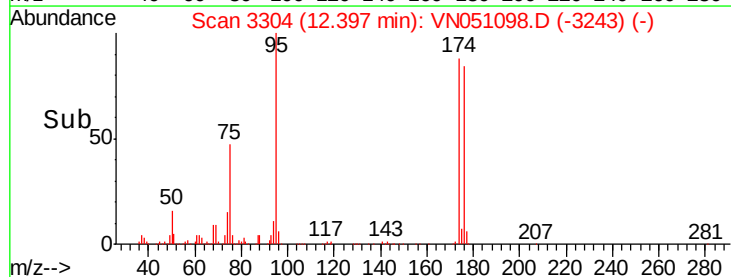
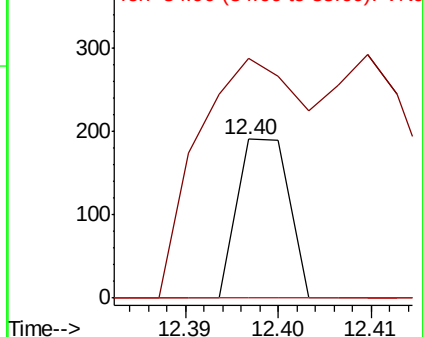
85 0.0 32.3 96.8#

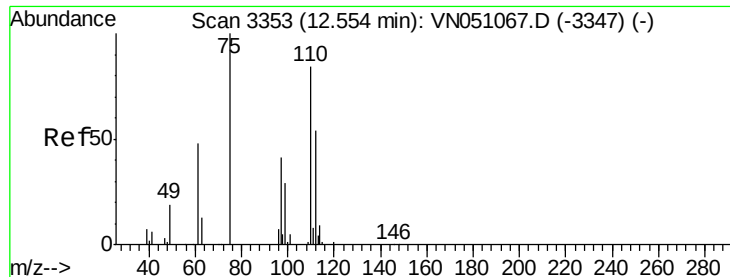


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 36.63 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051098.D

Acq: 11 Sep 2018 00:22

Instrument :

MSVOA_N

ClientSampleId :

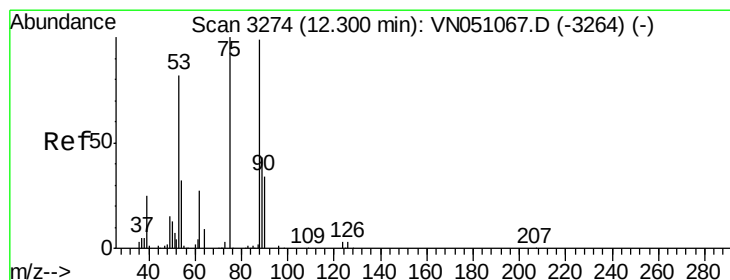
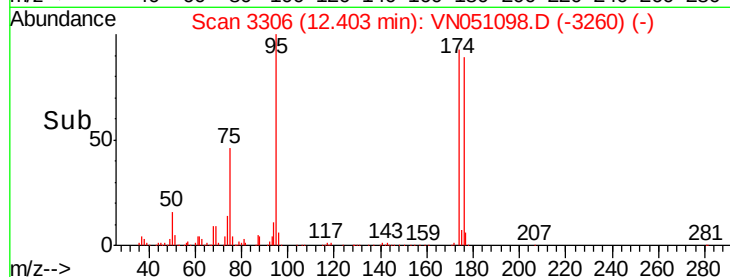
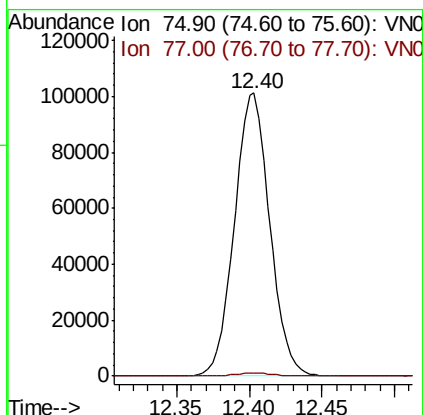
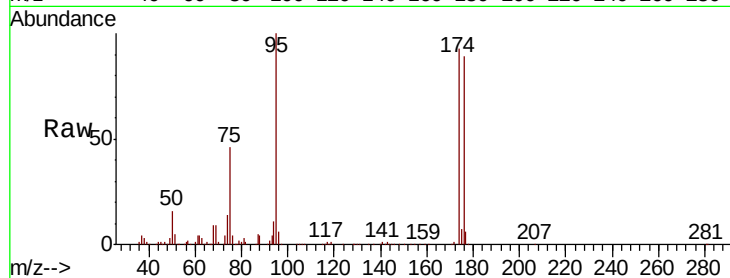
OILY-STONES-3-4FT

Tot Ion: 75 Resp: 170964

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 109.03 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051098.D

Acq: 11 Sep 2018 00:22

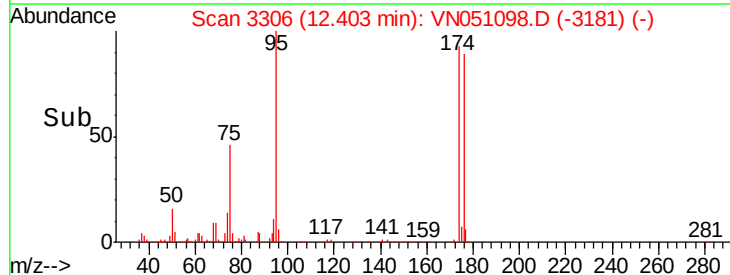
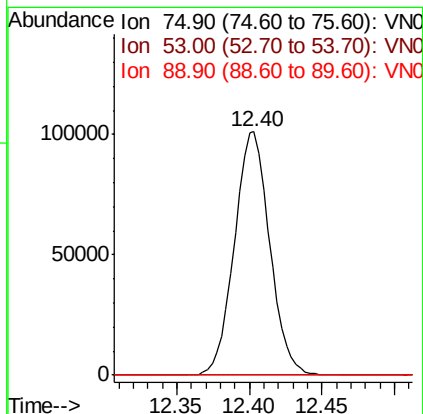
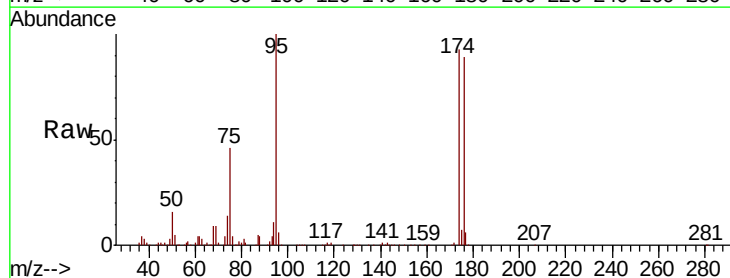
Tgt Ion: 75 Resp: 170964

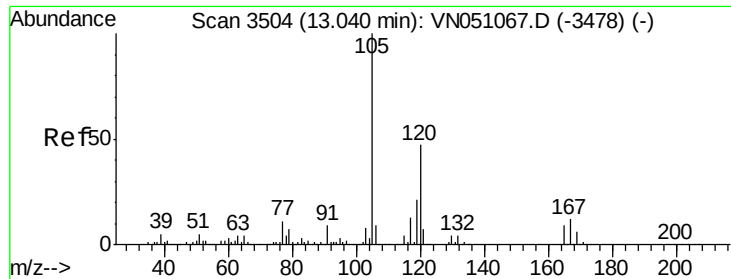
Ion Ratio Lower Upper

75 100

53 0.1 67.8 101.8#

89 0.0 36.0 54.0#

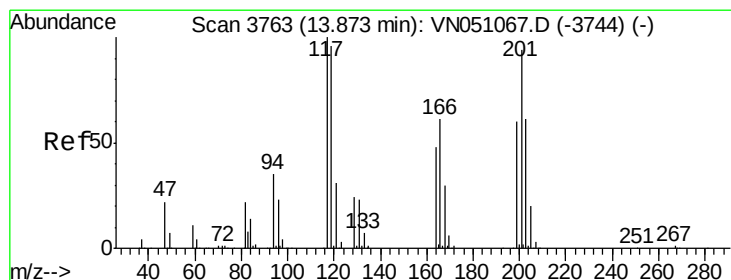
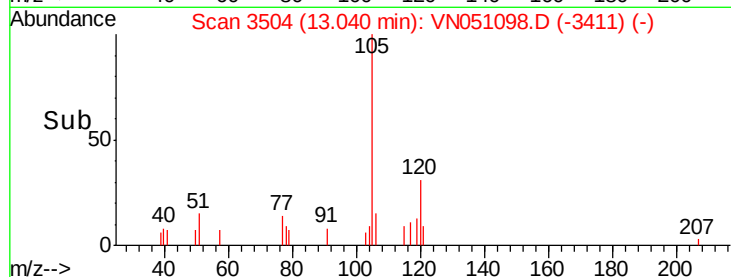
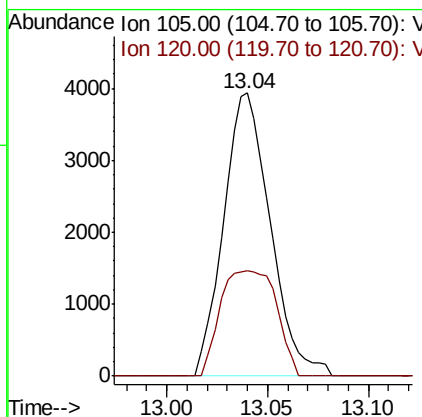
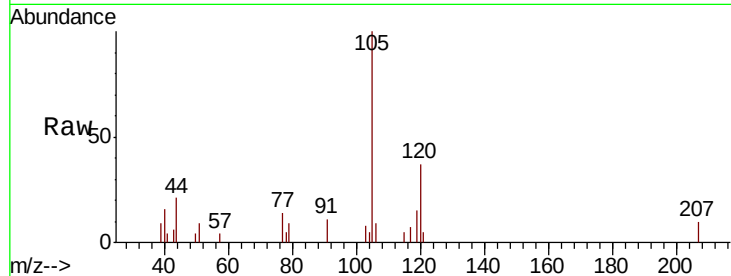




#84
 1,2,4-Trimethylbenzene
 Concen: 0.32 ua/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051098.D
 Acq: 11 Sep 2018 00:22

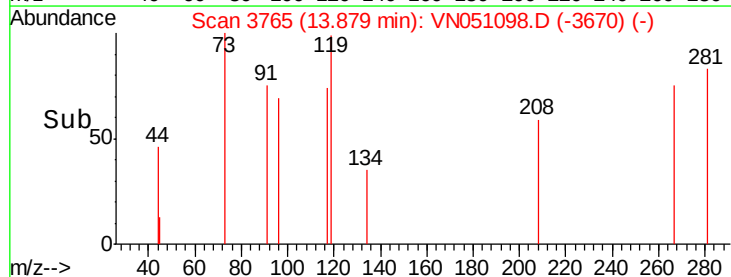
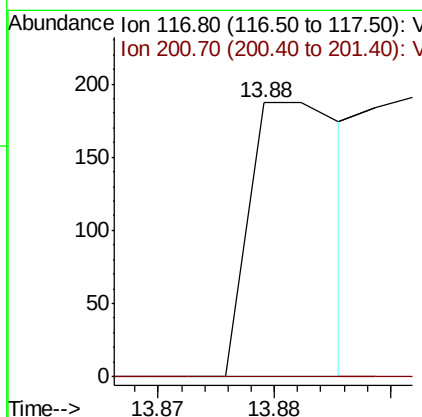
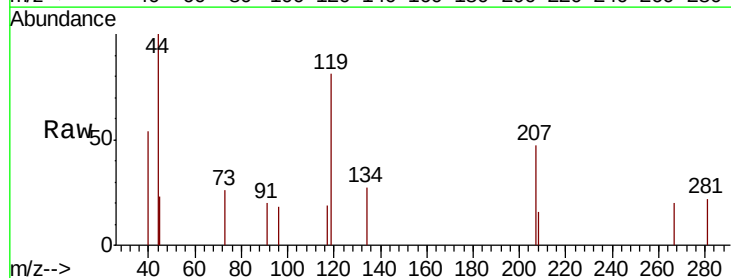
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES-3-4FT

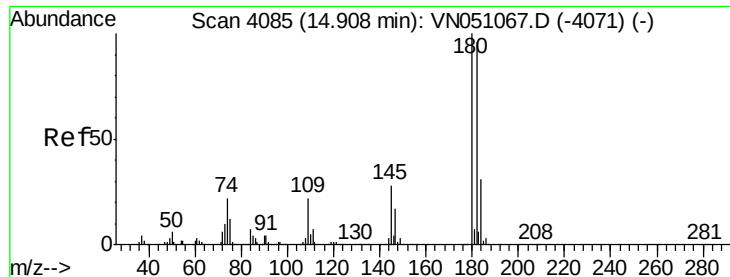
Tot Ion:105 Resp: 6369
 Ion Ratio Lower Upper
 105 100
 120 44.7 23.3 69.8



#90
 Hexachloroethane
 Concen: Below Cal
 RT: 13.88 min Scan# 3765
 Delta R.T. 0.01 min
 Lab File: VN051098.D
 Acq: 11 Sep 2018 00:22

Tgt Ion:117 Resp: 106
 Ion Ratio Lower Upper
 117 100
 201 0.0 47.3 142.0#





#93

1,2,4-Trichlorobenzene

Concen: 4.20 ua/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN051098.D

Acq: 11 Sep 2018 00:22

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES-3-4FT

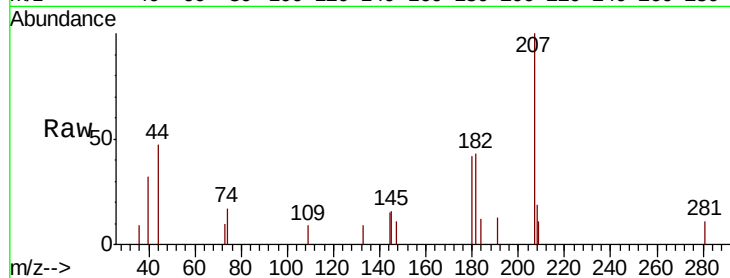
Tot Ion:180 Resp: 1276

Ion Ratio Lower Upper

180 100

182 93.7 47.3 141.8

145 40.6 14.2 42.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

1200

1000

800

600

400

200

0

14.90

14.91

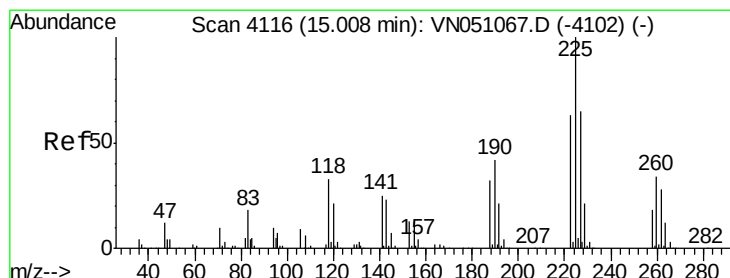
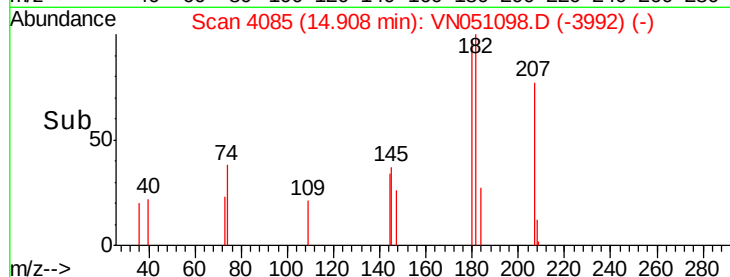
14.92

14.93

14.94

14.95

Time-->



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN051098.D

Acq: 11 Sep 2018 00:22

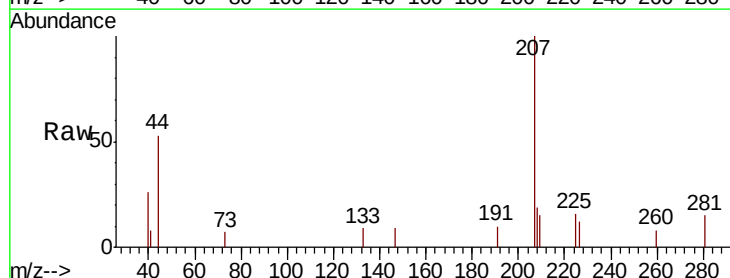
Tgt Ion:225 Resp: 447

Ion Ratio Lower Upper

225 100

223 0.0 31.4 94.0#

227 82.8 32.1 96.3



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

400

300

200

100

0

14.98

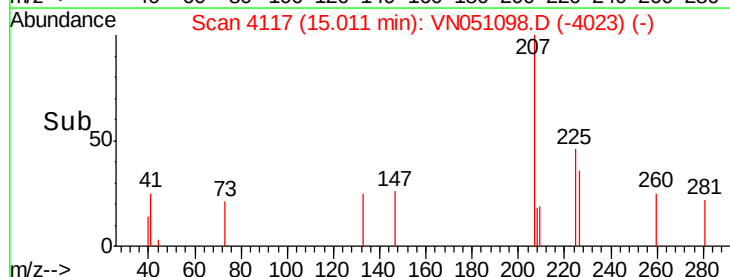
15.00

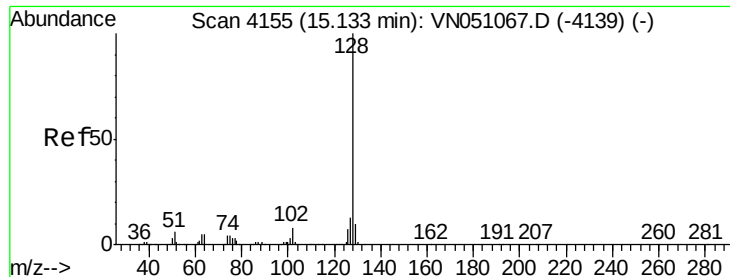
15.01

15.02

15.04

Time-->





#95

Naphthalene

Concen: 14.64 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051098.D

Acq: 11 Sep 2018 00:22

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES-3-4FT

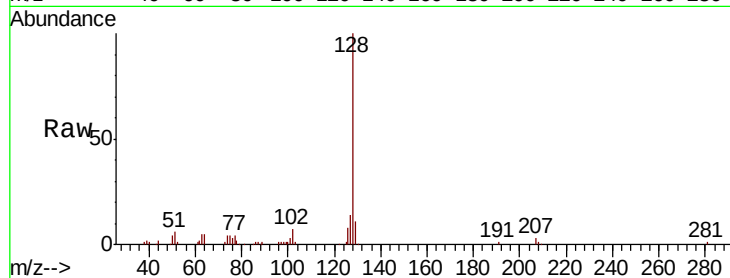
Tot Ion:128 Resp: 116610

Ion Ratio Lower Upper

128 100

127 13.8 10.6 15.8

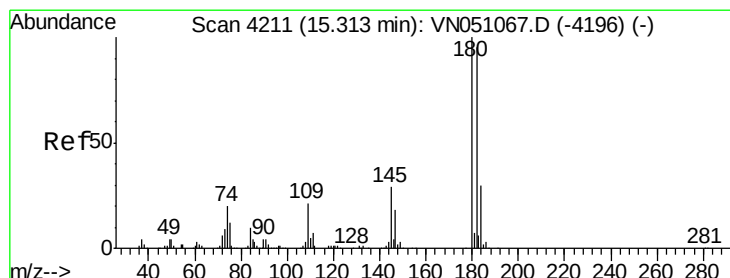
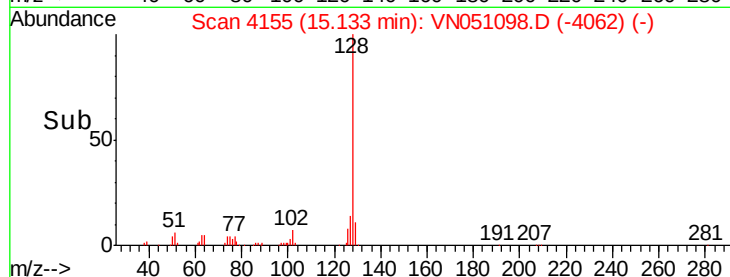
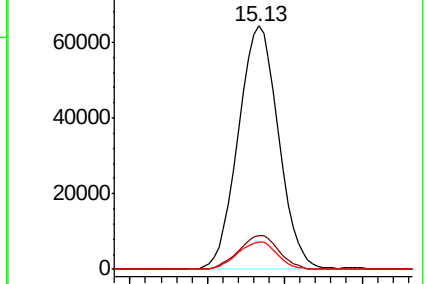
129 11.1 8.6 12.8



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: 3.06 ug/l

RT: 15.31 min Scan# 4209

Delta R.T. -0.01 min

Lab File: VN051098.D

Acq: 11 Sep 2018 00:22

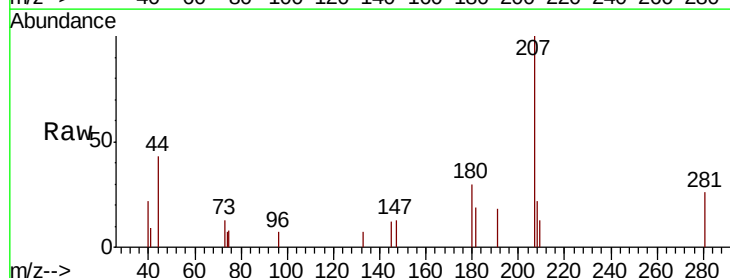
Tgt Ion:180 Resp: 604

Ion Ratio Lower Upper

180 100

182 174.5 47.8 143.3#

145 98.8 14.6 43.8#



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

