

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049929.D
 Acq On : 19 Jul 2018 20:45
 Operator : MD\SY
 Sample : J4041-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES

Quant Time: Jul 20 01:32:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	567634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	963567	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	818688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	324371	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	415942	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
35) Dibromofluoromethane	7.59	113	363096	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	
50) Toluene-d8	10.09	98	1291440	43.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.64%	
62) 4-Bromofluorobenzene	12.40	95	367951	36.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.50%	

Target Compounds

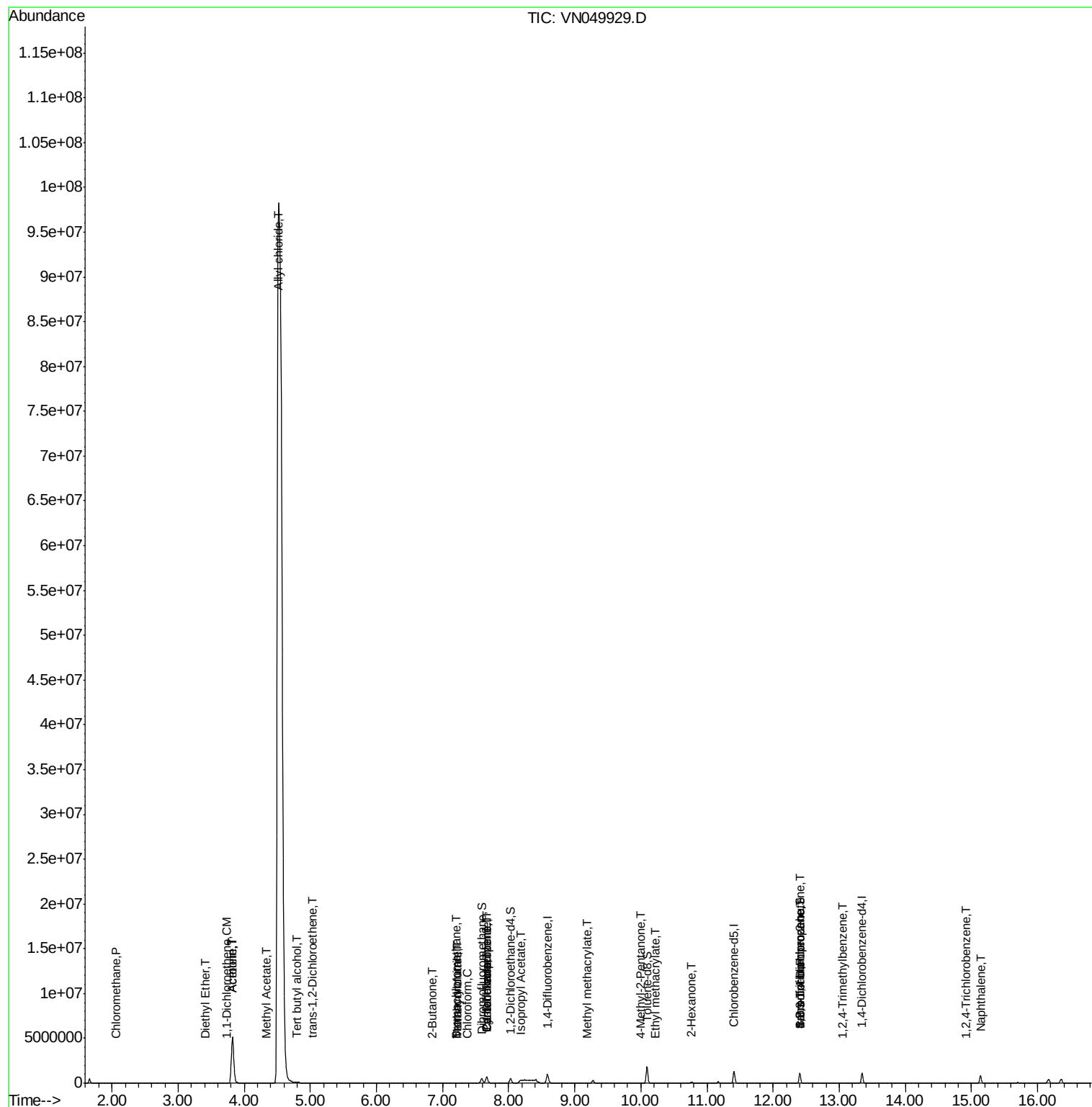
						Qvalue
3) Chloromethane	2.05	50	1585	0.20	ug/l	93
5) Bromomethane	2.57	94	458	Below	Cal	89
8) Diethyl Ether	3.41	74	1888	0.48	ug/l #	29
11) Tert butyl alcohol	4.81	59	133	0.24	ug/l #	72
12) 1,1-Dichloroethene	3.73	96	1435	0.23	ug/l	81
13) Acrolein	3.83	56	1903	5.31	ug/l #	1
14) Allyl chloride	4.51	41	1941498	200.12	ug/l #	27
16) Acetone	3.82	43	8516989	4216.44	ug/l	100
18) Methyl Acetate	4.34	43	30952	4.12	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	5004	0.77	ug/l	86
25) 2-Butanone	6.85	43	3956	1.37	ug/l #	87
28) Bromochloromethane	7.20	49	5372	0.94	ug/l #	45
29) Tetrahydrofuran	7.23	42	2288	1.26	ug/l #	51
30) Chloroform	7.37	83	3995	0.31	ug/l	96
31) Cyclohexane	7.66	56	11745	1.13	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	41372	3.86	ug/l #	49
38) Carbon Tetrachloride	7.67	117	54292	4.73	ug/l #	17
41) Methacrylonitrile	7.22	41	1147	0.31	ug/l #	44
43) Isopropyl Acetate	8.18	43	410271	31.92	ug/l #	86
48) Methyl methacrylate	9.18	41	9302	1.44	ug/l #	21
51) 4-Methyl-2-Pentanone	9.99	43	2820	0.39	ug/l #	81
56) Ethyl methacrylate	10.22	69	3173	2.44	ug/l #	64
59) 2-Hexanone	10.77	43	20052	4.15	ug/l #	56
71) Bromoform	12.40	173	3534	0.62	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	179252	29.46	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	179252	92.12	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	6242	0.31	ug/l	98
93) 1,2,4-Trichlorobenzene	14.91	180	30	3.48	ug/l #	1
95) Naphthalene	15.14	128	712881	46.72	ug/l	100

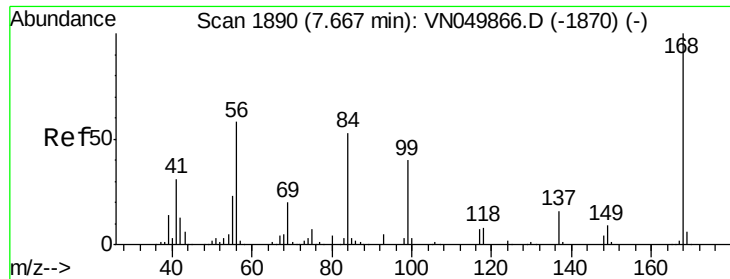
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049929.D

Acq: 19 Jul 2018 20:45

Instrument :

MSVOA_N

ClientSampleId :

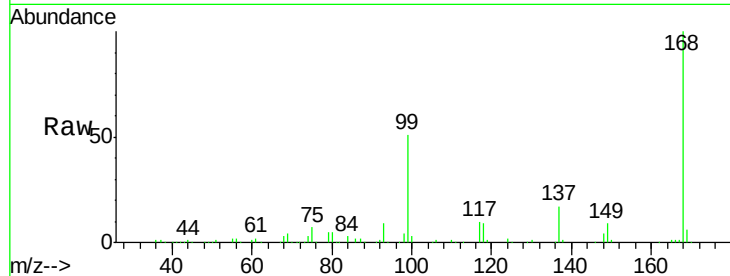
OILY-STONES

Tot Ion:168 Resp: 567634

Ion Ratio Lower Upper

168 100

99 51.4 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

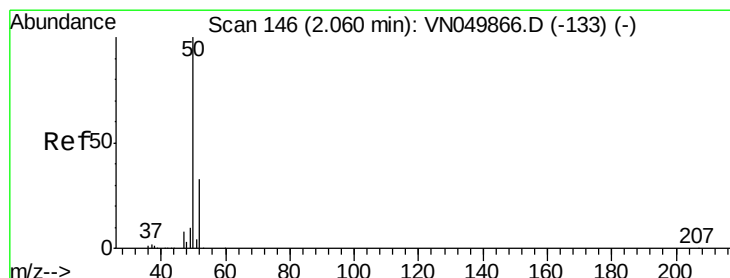
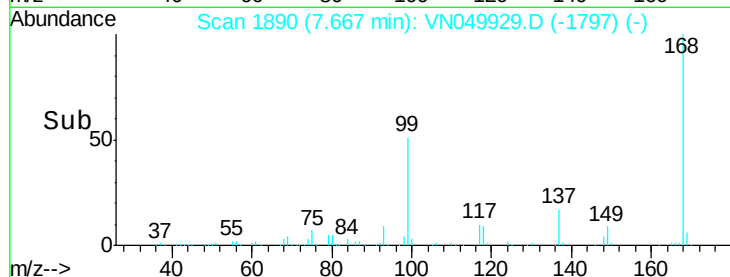
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.20 ug/l

RT: 2.05 min Scan# 144

Delta R.T. -0.01 min

Lab File: VN049929.D

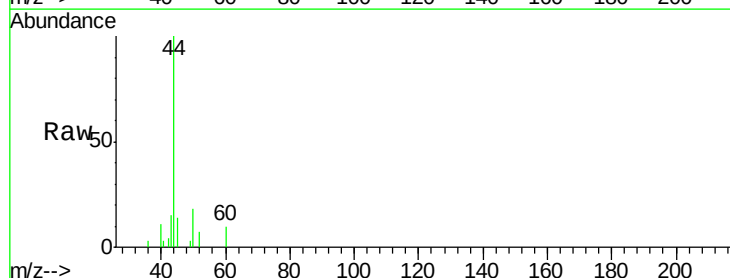
Acq: 19 Jul 2018 20:45

Tgt Ion: 50 Resp: 1585

Ion Ratio Lower Upper

50 100

52 36.3 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.05

1200

1000

800

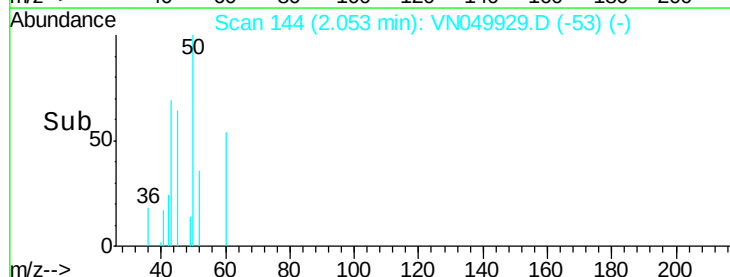
600

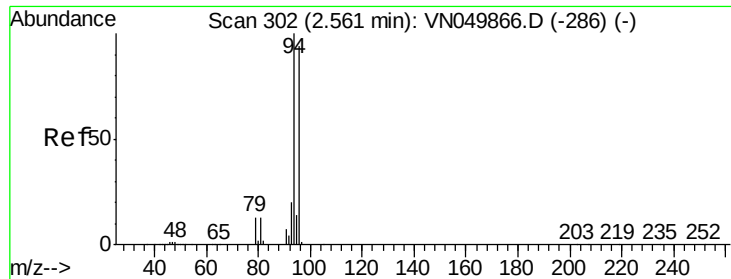
400

200

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN049929.D

Acq: 19 Jul 2018 20:45

Instrument :

MSVOA_N

ClientSampled :

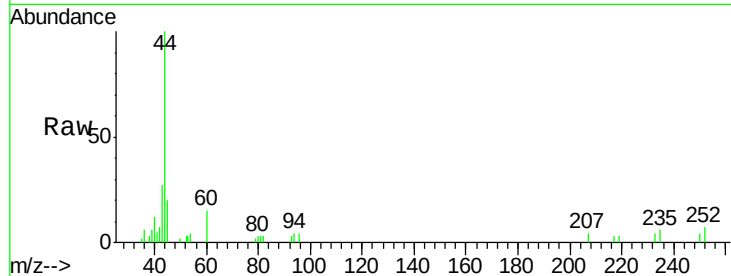
OILY-STONES

Tot Ion: 94 Resp: 458

Ion Ratio Lower Upper

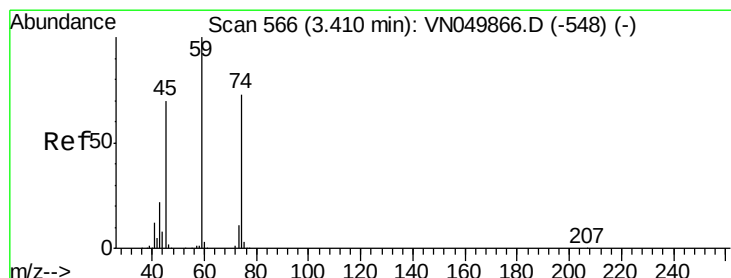
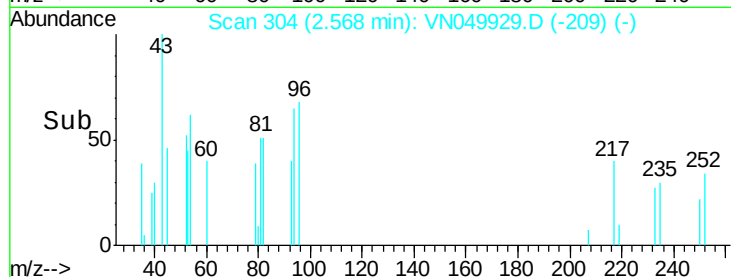
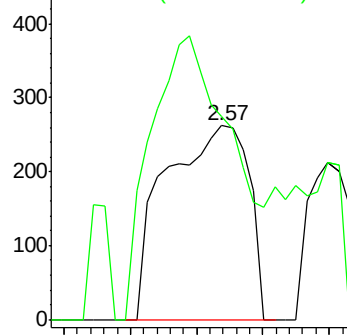
94 100

96 105.0 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#8

Diethyl Ether

Concen: 0.48 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN049929.D

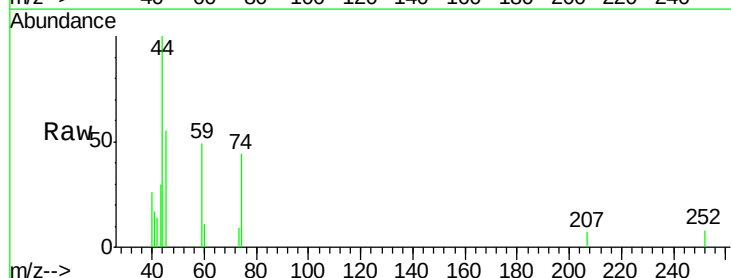
Acq: 19 Jul 2018 20:45

Tgt Ion: 74 Resp: 1888

Ion Ratio Lower Upper

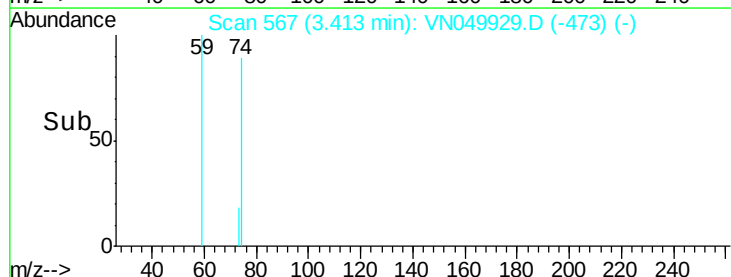
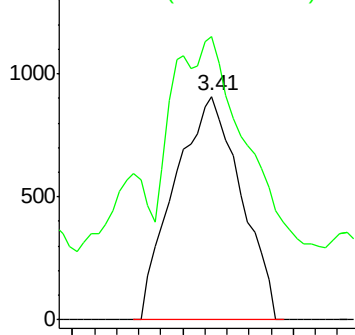
74 100

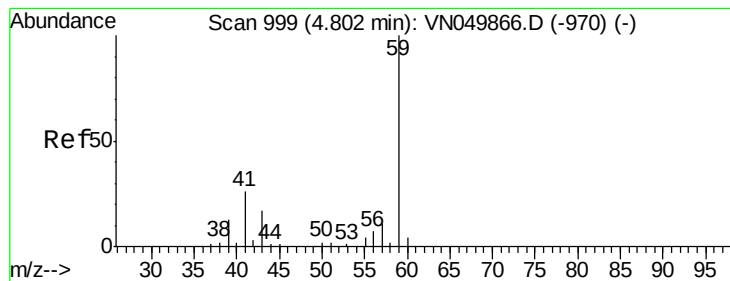
45 27.2 48.4 145.2#



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



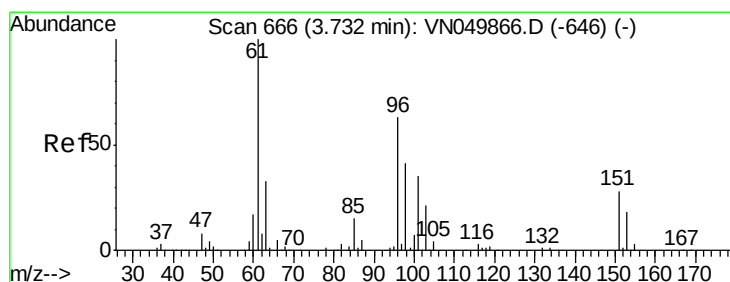
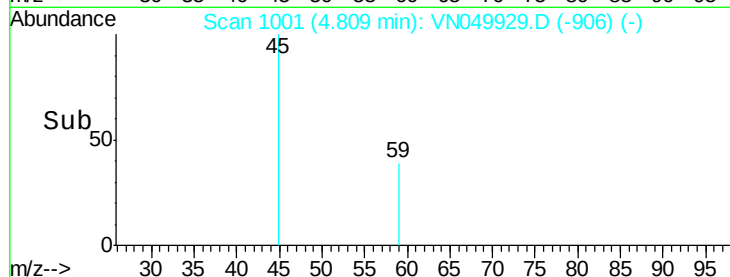
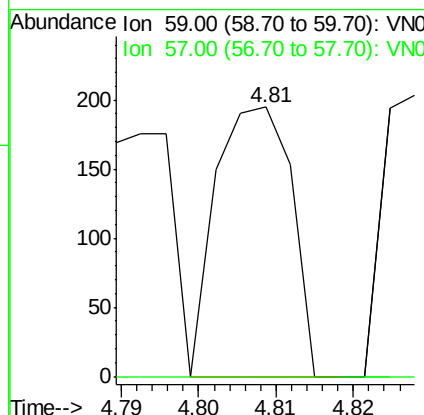
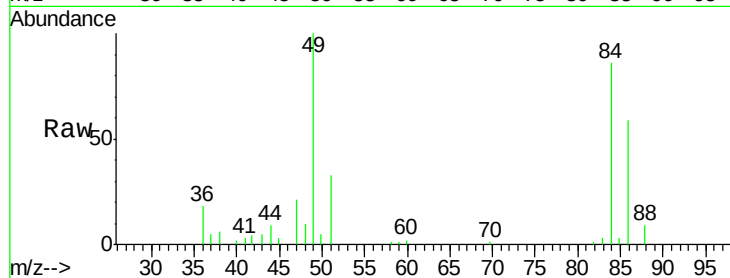


#11

Tert butyl alcohol
 Concen: 0.24 ug/l
 RT: 4.81 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VN049929.D
 Acq: 19 Jul 2018 20:45

Instrument :
 MSVOA_N
 ClientSampled :
 OILY-STONES

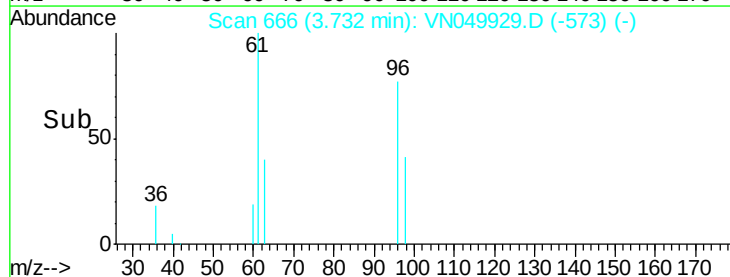
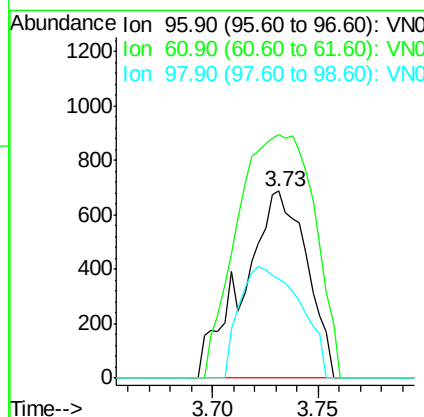
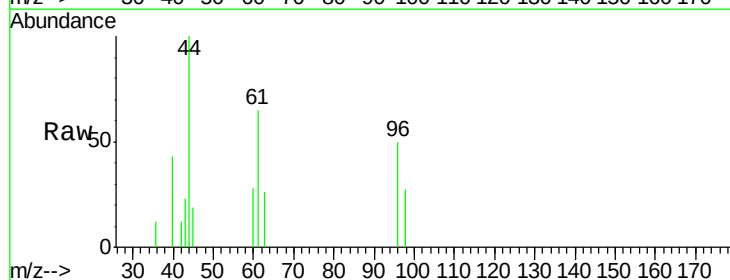
Tot Ion: 59 Resp: 133
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

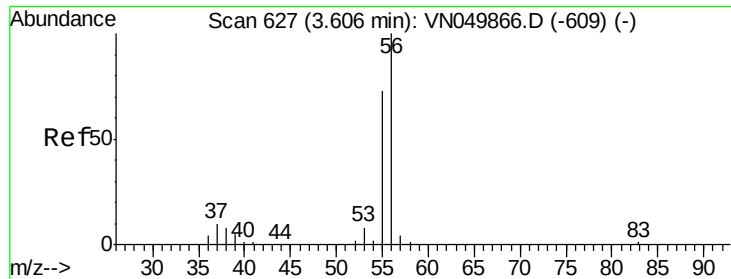


#12

1,1-Dichloroethene
 Concen: 0.23 ug/l
 RT: 3.73 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: VN049929.D
 Acq: 19 Jul 2018 20:45

Tgt Ion: 96 Resp: 1435
 Ion Ratio Lower Upper
 96 100
 61 130.2 126.5 189.7
 98 53.1 51.0 76.6





#13

Acrolein

Concen: 5.31 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.22 min

Lab File: VN049929.D

Acq: 19 Jul 2018 20:45

Instrument :

MSVOA_N

ClientSampleId :

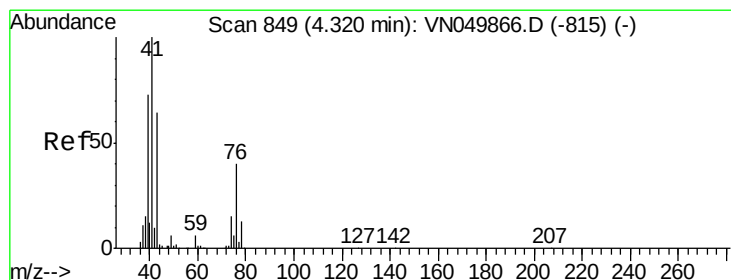
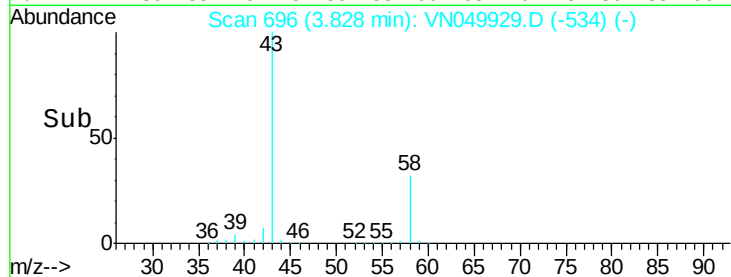
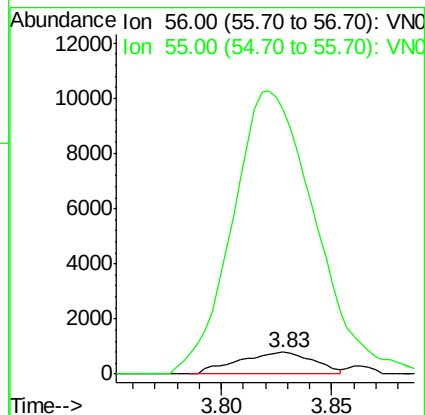
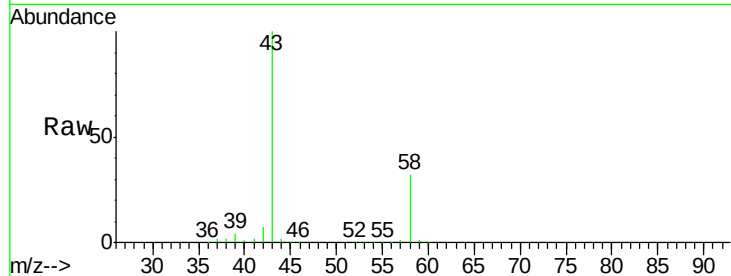
OILY-STONES

Tot Ion: 56 Resp: 1903

Ion Ratio Lower Upper

56 100

55 1404.8 55.8 83.8#



#14

Allyl chloride

Concen: 200.12 ug/l

RT: 4.51 min Scan# 908

Delta R.T. 0.19 min

Lab File: VN049929.D

Acq: 19 Jul 2018 20:45

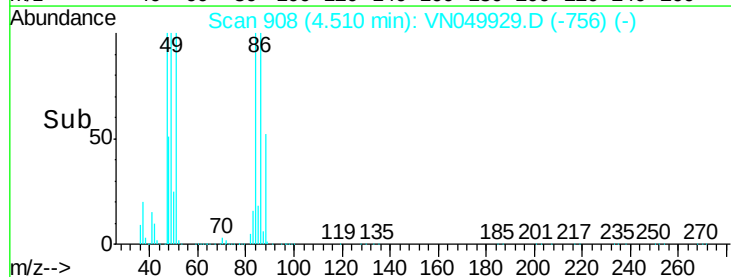
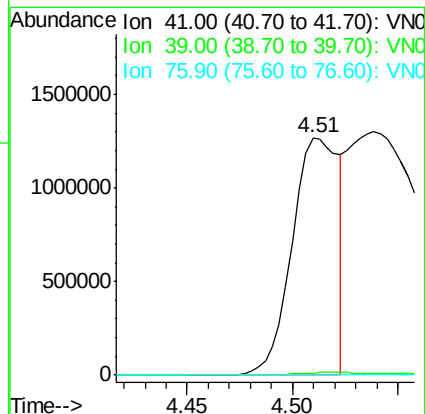
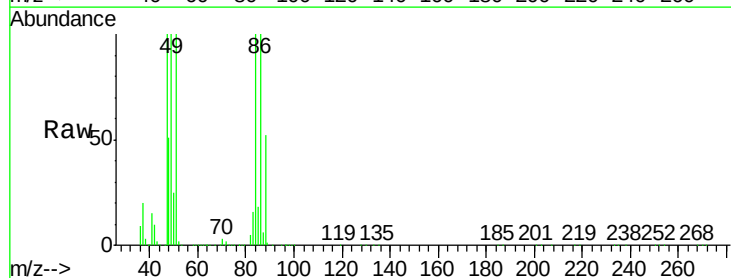
Tgt Ion: 41 Resp: 1941498

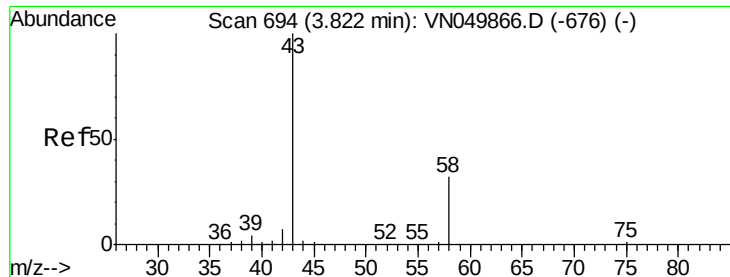
Ion Ratio Lower Upper

41 100

39 2.6 53.2 79.8#

76 0.0 29.0 43.6#





#16

Acetone

Concen: 4216.44 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049929.D

Acq: 19 Jul 2018 20:45

Instrument :

MSVOA_N

ClientSampleId :

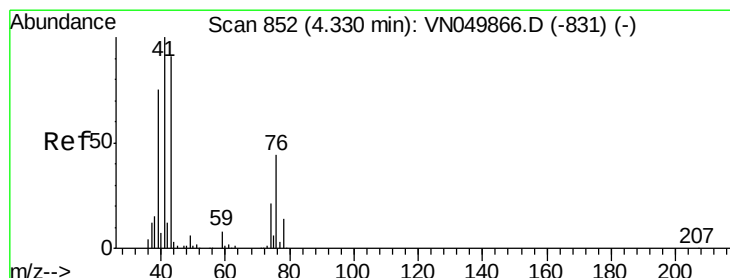
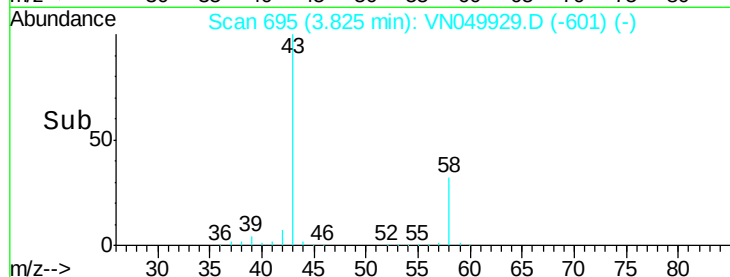
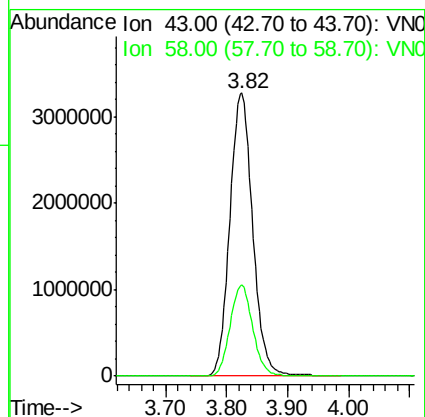
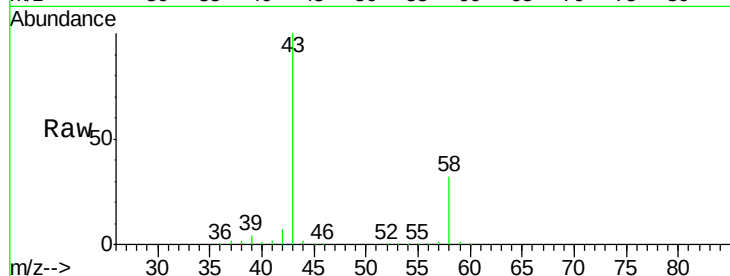
OILY-STONES

Tot Ion: 43 Resp: 8516989

Ion Ratio Lower Upper

43 100

58 32.2 25.9 38.9



#18

Methyl Acetate

Concen: 4.12 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN049929.D

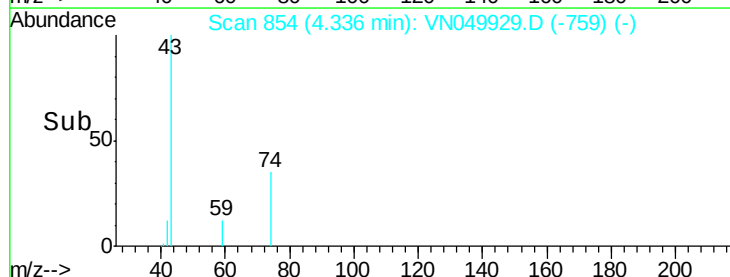
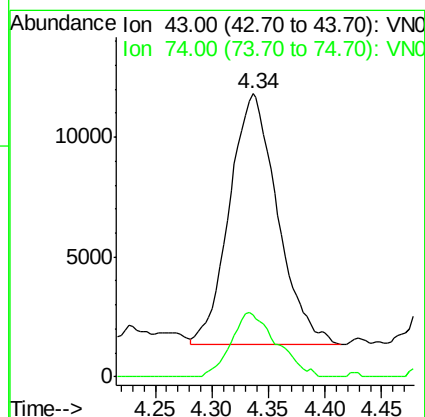
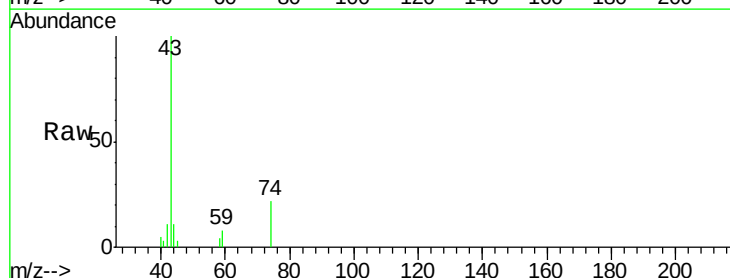
Acq: 19 Jul 2018 20:45

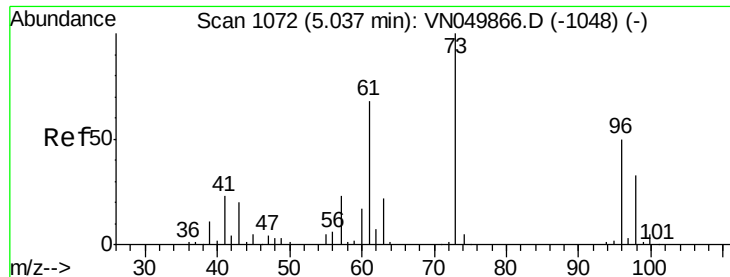
Tgt Ion: 43 Resp: 30952

Ion Ratio Lower Upper

43 100

74 24.3 19.8 29.8





#21

trans-1,2-Dichloroethene

Concen: 0.77 ug/l

RT: 5.05 min Scan# 1075

Delta R.T. 0.01 min

Lab File: VN049929.D

Acq: 19 Jul 2018 20:45

Instrument :

MSVOA_N

ClientSampled :

OILY-STONES

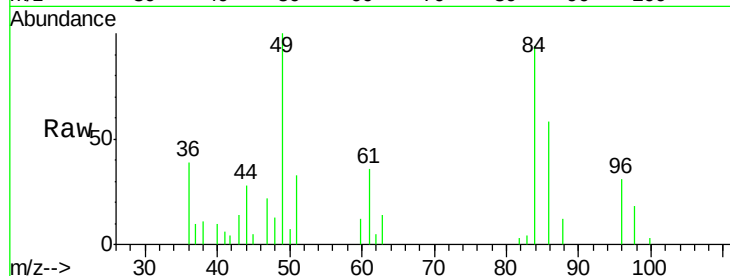
Tot Ion: 96 Resp: 5004

Ion Ratio Lower Upper

96 100

61 116.2 109.0 163.6

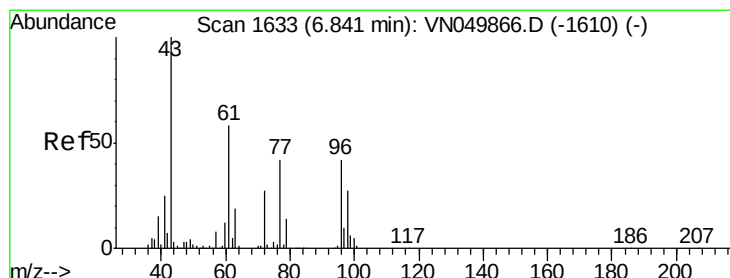
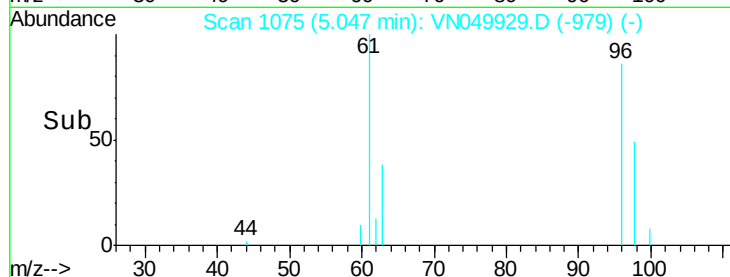
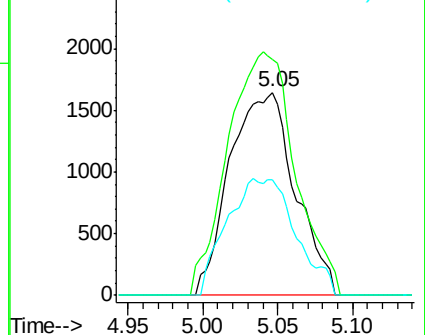
98 56.7 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VN049866.D (-1048) (-)

Ion 60.90 (60.60 to 61.60): VN049866.D (-1048) (-)

Ion 97.90 (97.60 to 98.60): VN049866.D (-1048) (-)



#25

2-Butanone

Concen: 1.37 ug/l

RT: 6.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VN049929.D

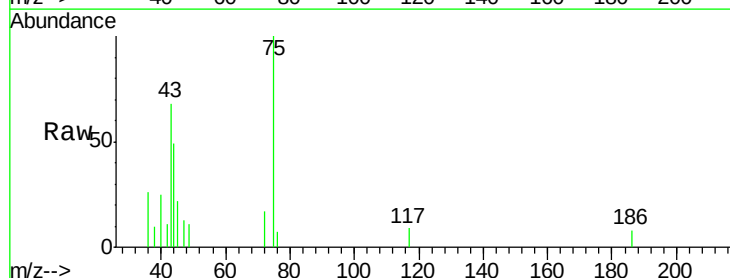
Acq: 19 Jul 2018 20:45

Tgt Ion: 43 Resp: 3956

Ion Ratio Lower Upper

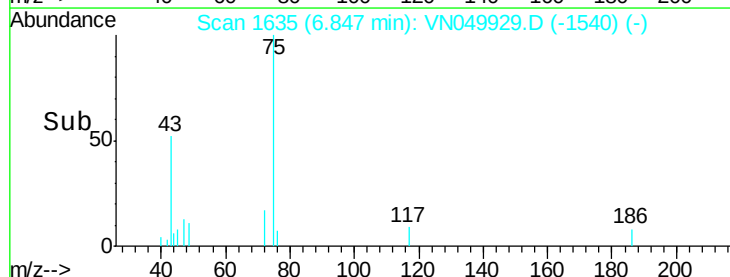
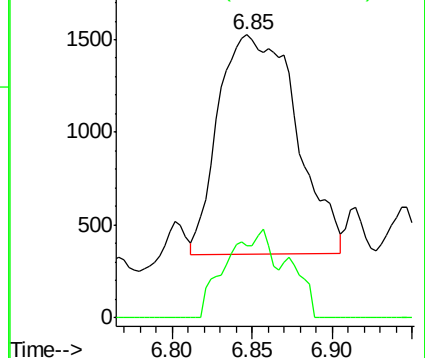
43 100

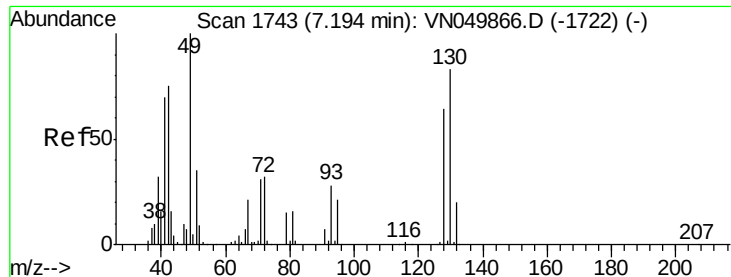
72 34.6 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VN049866.D (-1610) (-)

Ion 72.00 (71.70 to 72.70): VN049866.D (-1610) (-)





#28

Bromochloromethane

Concen: 0.94 ug/l

RT: 7.20 min Scan# 1745

Delta R.T. 0.01 min

Lab File: VN049929.D

Acq: 19 Jul 2018 20:45

Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES

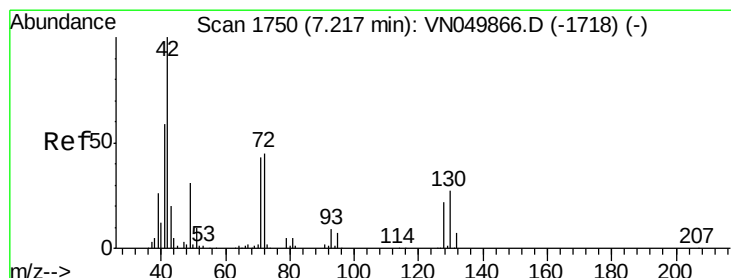
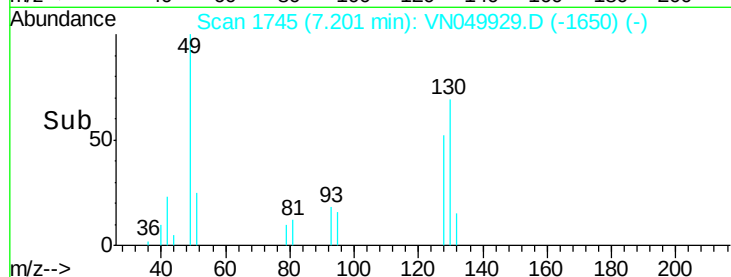
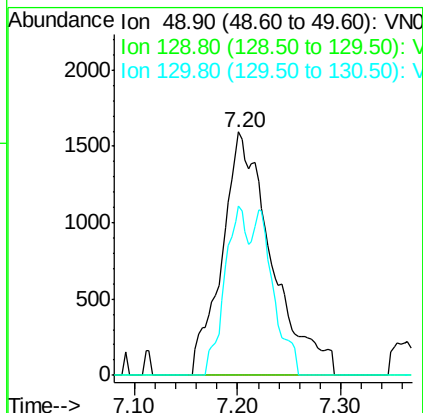
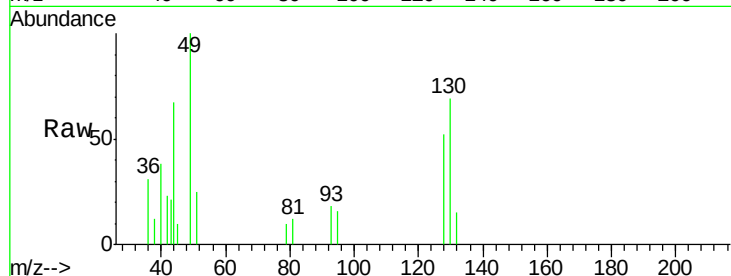
Tot Ion: 49 Resp: 5372

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 31.6 65.5 98.3#



#29

Tetrahydrofuran

Concen: 1.26 ug/l

RT: 7.23 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VN049929.D

Acq: 19 Jul 2018 20:45

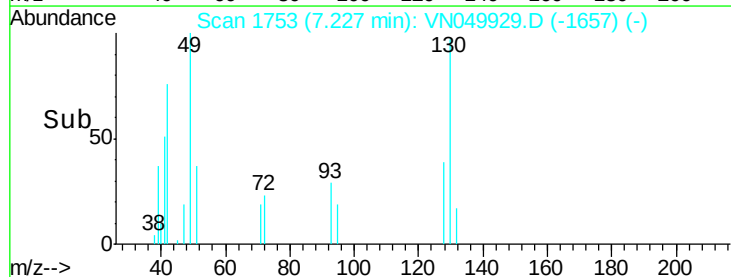
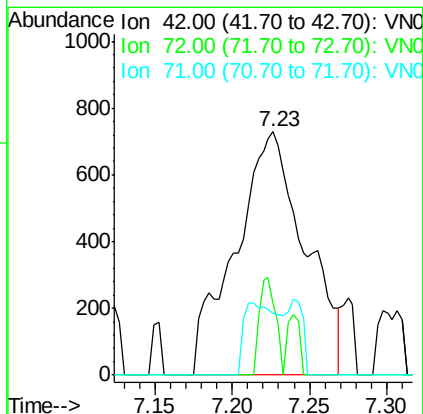
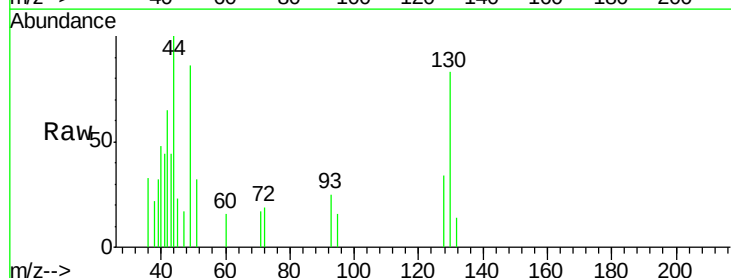
Tgt Ion: 42 Resp: 2288

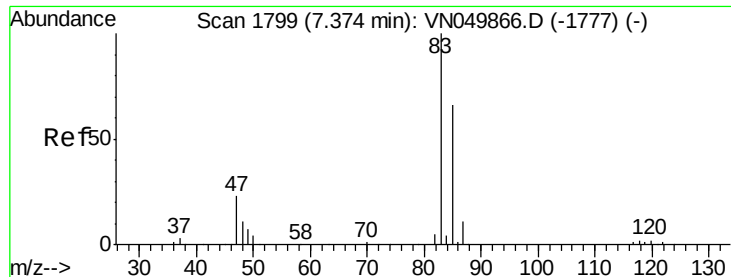
Ion Ratio Lower Upper

42 100

72 9.5 35.6 53.4#

71 14.8 34.0 51.0#

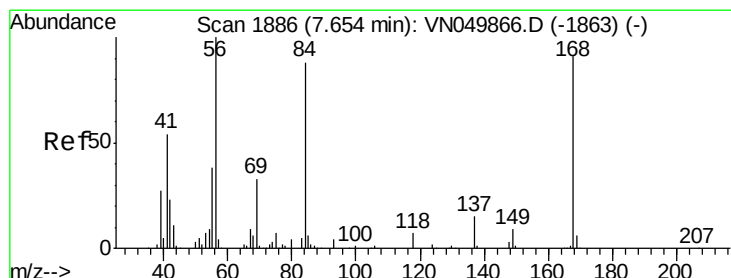
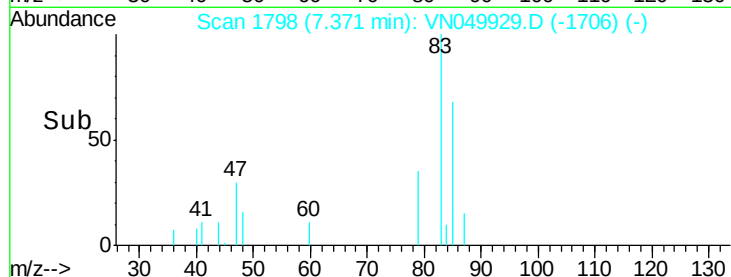
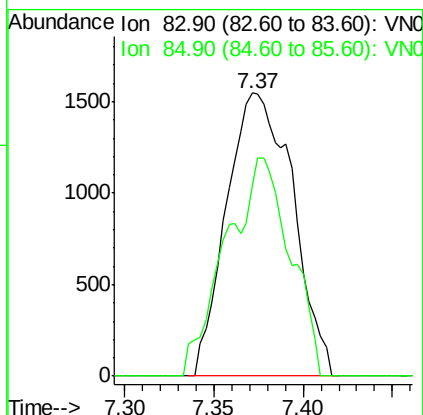
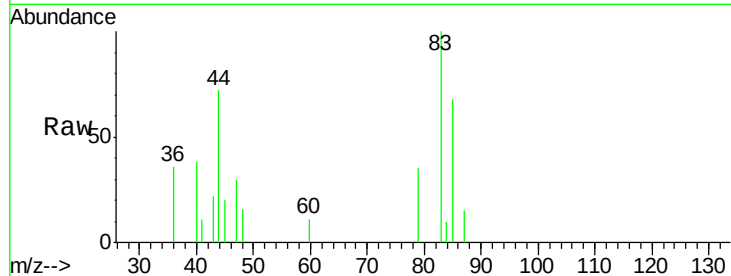




#30
Chloroform
Concen: 0.31 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN049929.D
Acq: 19 Jul 2018 20:45

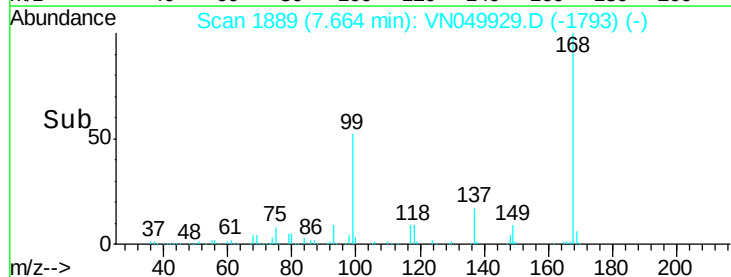
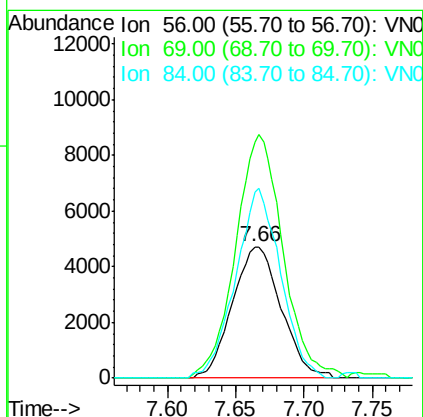
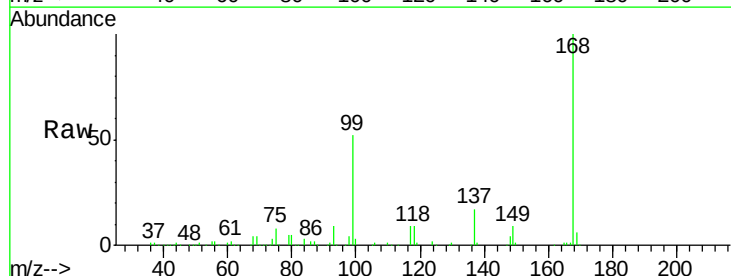
Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES

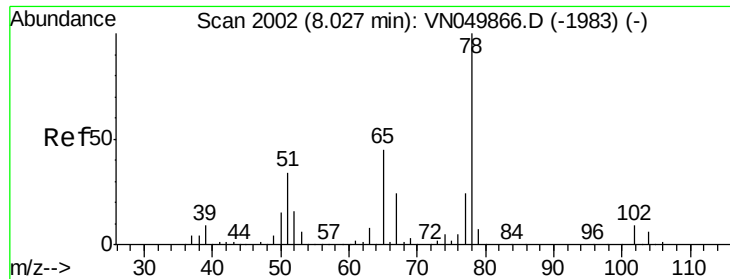
Tot Ion: 83 Resp: 3995
Ion Ratio Lower Upper
83 100
85 67.7 51.4 77.2



#31
Cyclohexane
Concen: 1.13 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN049929.D
Acq: 19 Jul 2018 20:45

Tgt Ion: 56 Resp: 11745
Ion Ratio Lower Upper
56 100
69 179.7 26.6 40.0#
84 141.8 69.0 103.6#

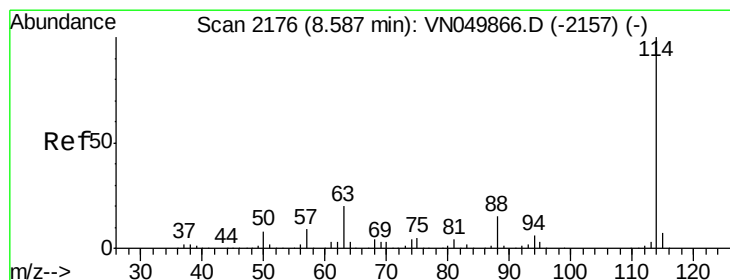
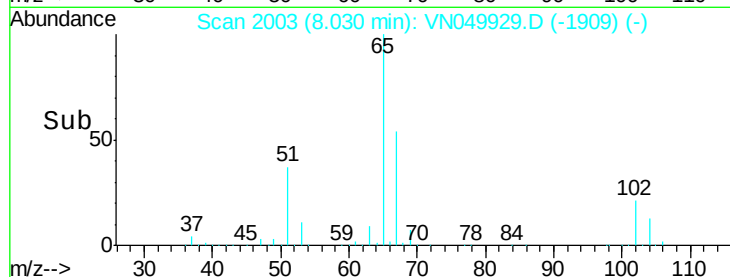
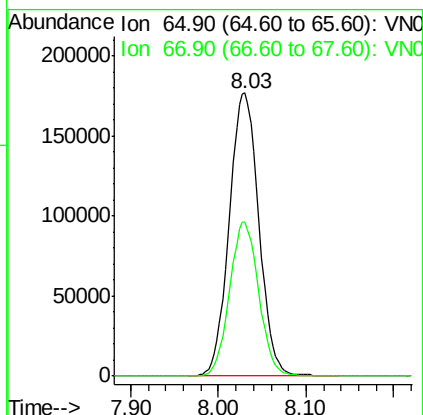
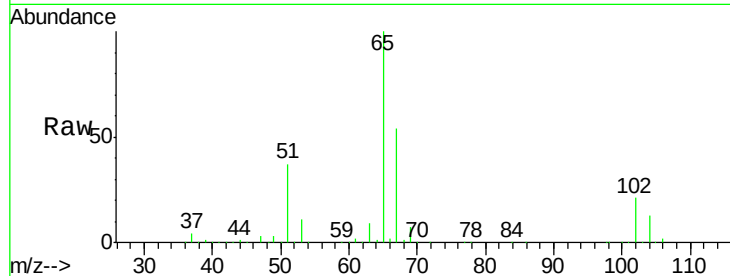




#33
 1,2-Dichloroethane-d4
 Concen: 53.31 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049929.D
 Acq: 19 Jul 2018 20:45

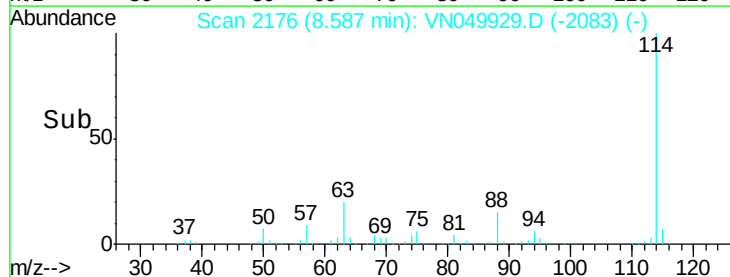
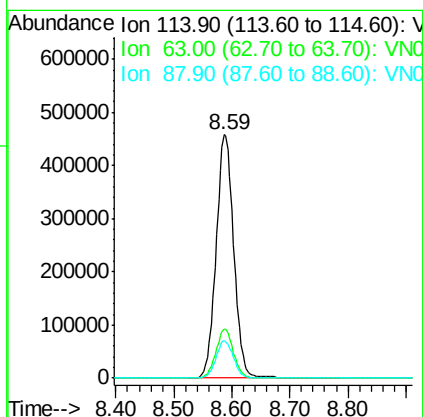
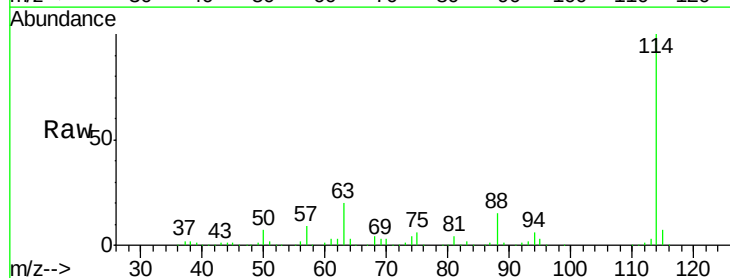
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES

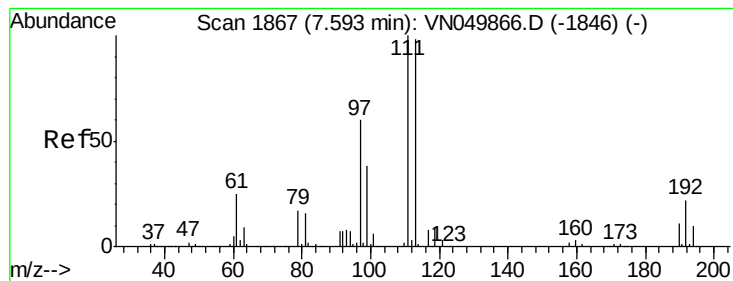
Tot Ion: 65 Resp: 415942
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049929.D
 Acq: 19 Jul 2018 20:45

Tgt Ion: 114 Resp: 963567
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.8
 88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 44.89 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049929.D

Acq: 19 Jul 2018 20:45

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

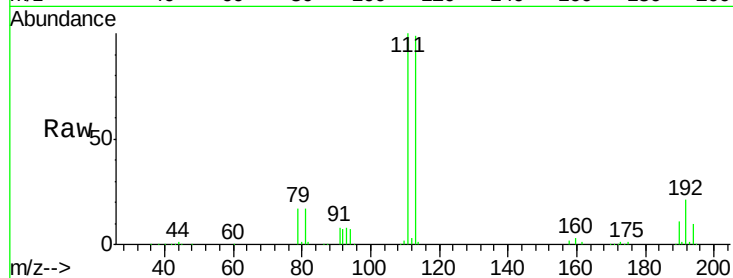
Tot Ion:113 Resp: 363096

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

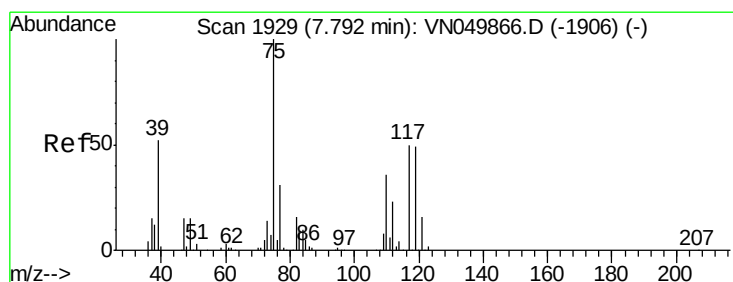
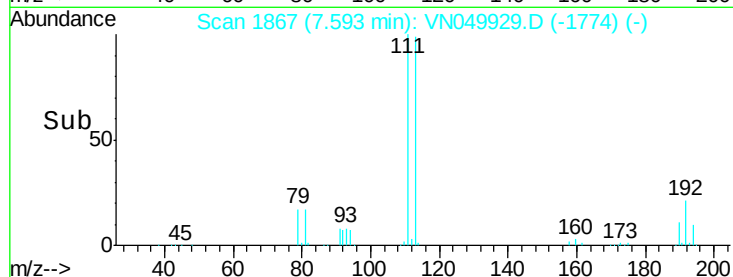
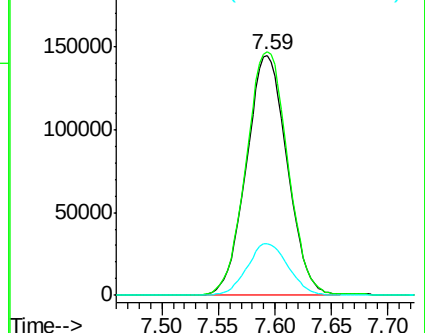
192 21.9 17.8 26.6



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: 3.86 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN049929.D

Acq: 19 Jul 2018 20:45

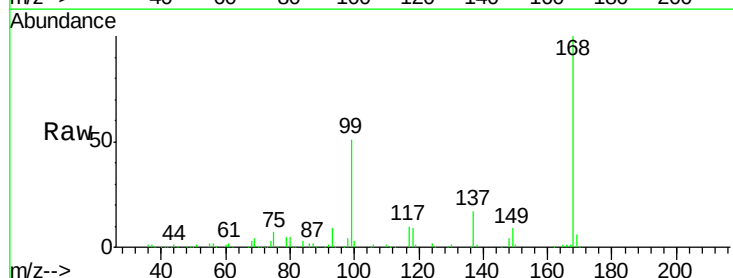
Tgt Ion: 75 Resp: 41372

Ion Ratio Lower Upper

75 100

110 8.7 18.1 54.4#

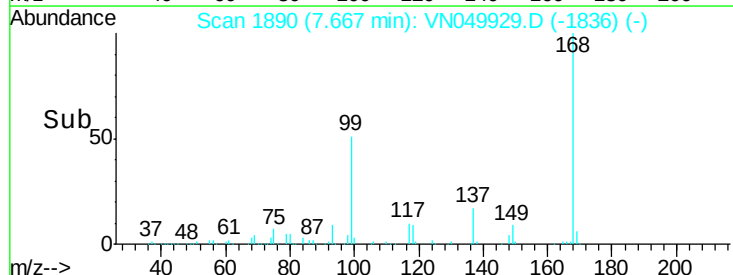
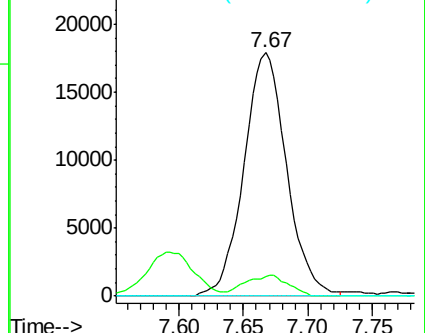
77 0.0 24.9 37.3#

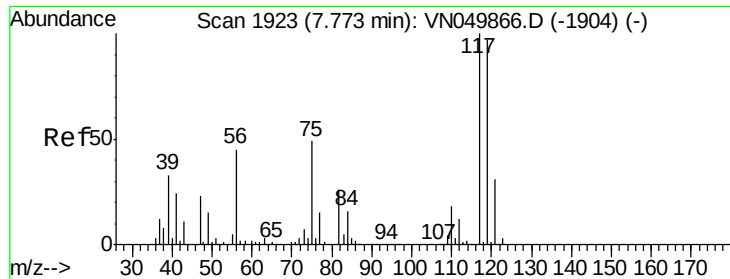


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

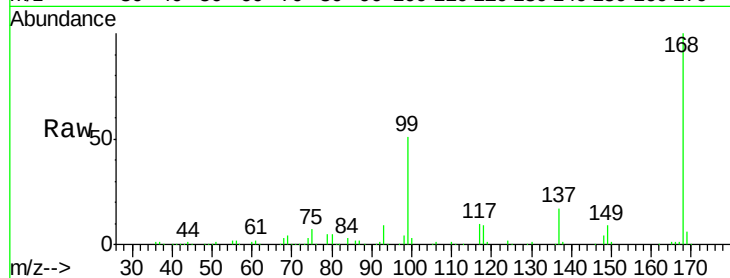




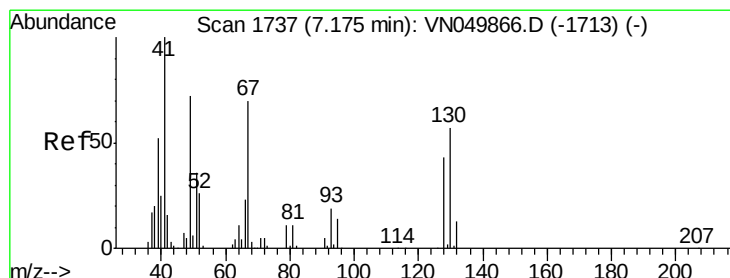
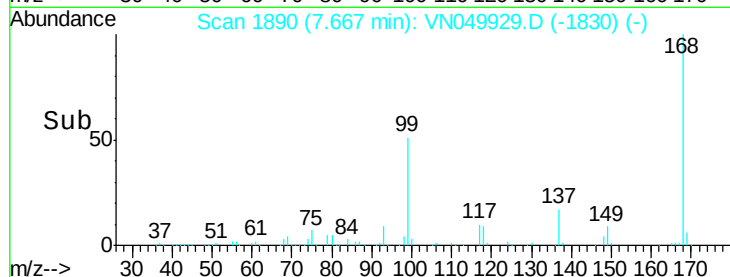
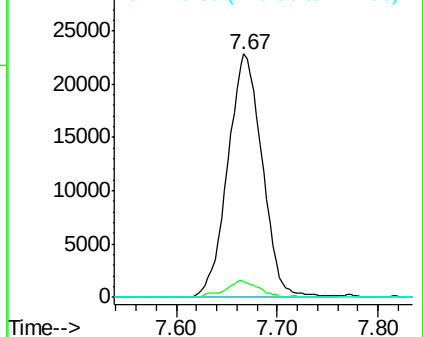
#38
Carbon Tetrachloride
Concen: 4.73 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049929.D
Acq: 19 Jul 2018 20:45

Instrument :
MSVOA_N
ClientSampled :
OILY-STONES

Tot Ion:117 Resp: 54292
Ion Ratio Lower Upper
117 100
119 6.5 77.2 115.8#
121 0.0 25.0 37.6#

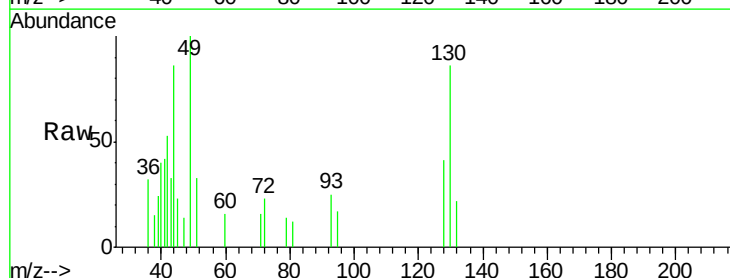


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

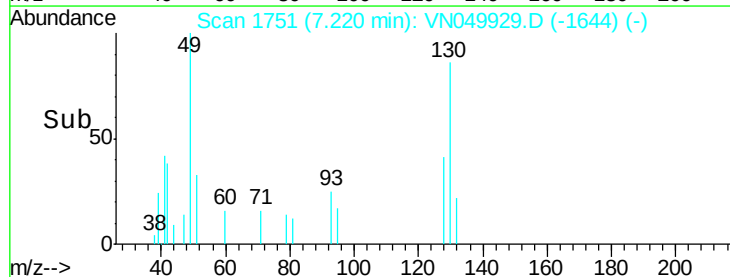
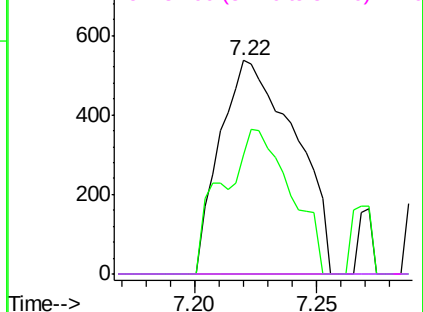


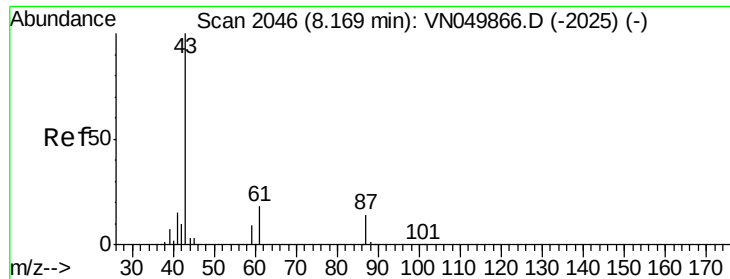
#41
Methacrylonitrile
Concen: 0.31 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.05 min
Lab File: VN049929.D
Acq: 19 Jul 2018 20:45

Tgt Ion: 41 Resp: 1147
Ion Ratio Lower Upper
41 100
39 61.2 45.4 68.2
67 0.0 65.4 98.0#
52 0.0 24.7 37.1#



Abundance Ion 41.00 (40.70 to 41.70): V
Ion 39.00 (38.70 to 39.70): V
Ion 67.00 (66.70 to 67.70): V
Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 31.92 ug/l

RT: 8.18 min Scan# 2048

Delta R.T. 0.01 min

Lab File: VN049929.D

Acq: 19 Jul 2018 20:45

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

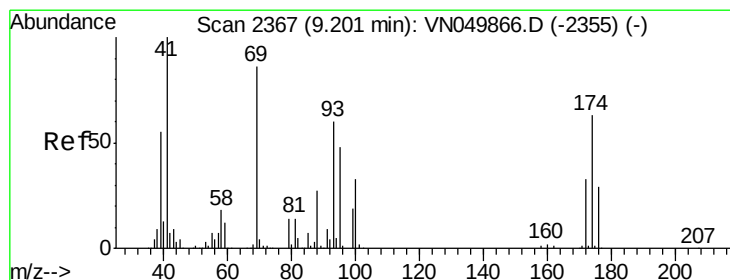
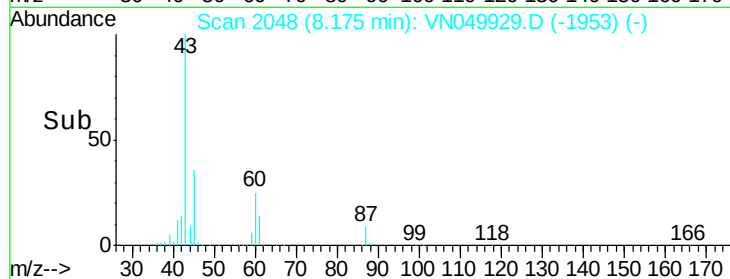
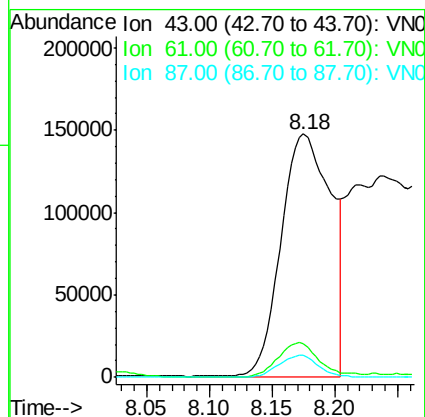
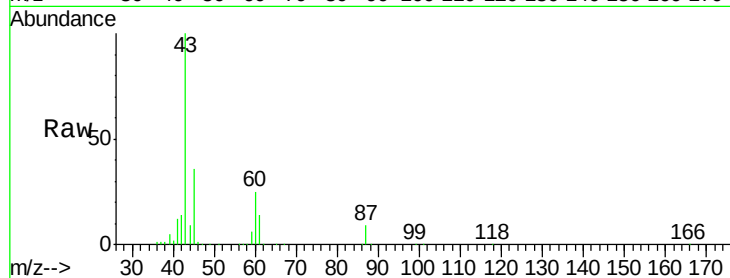
Tot Ion: 43 Resp: 410271

Ion Ratio Lower Upper

43 100

61 12.0 14.9 22.3#

87 7.2 10.0 15.0#



#48

Methyl methacrylate

Concen: 1.44 ug/l

RT: 9.18 min Scan# 2361

Delta R.T. -0.02 min

Lab File: VN049929.D

Acq: 19 Jul 2018 20:45

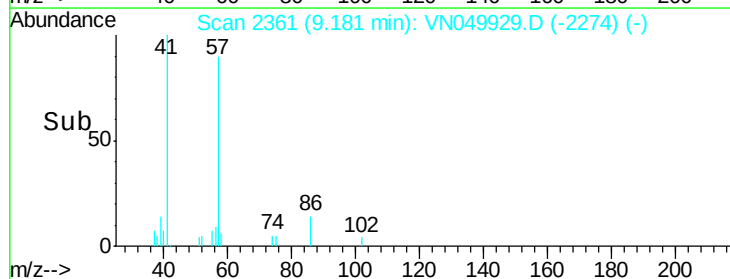
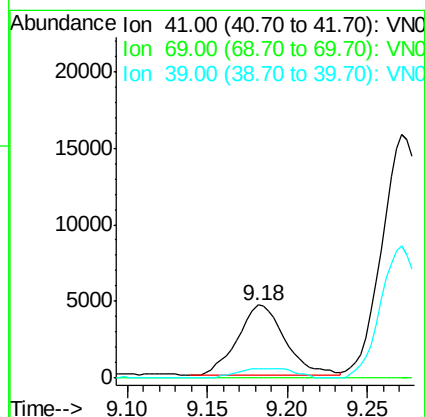
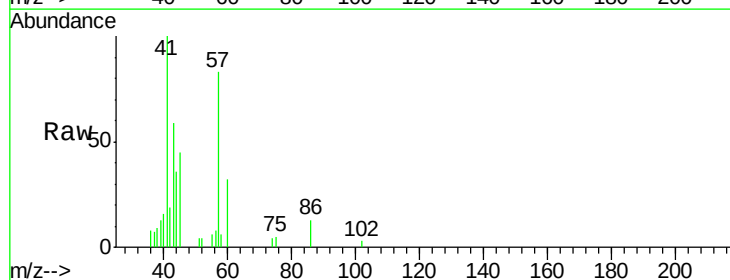
Tgt Ion: 41 Resp: 9302

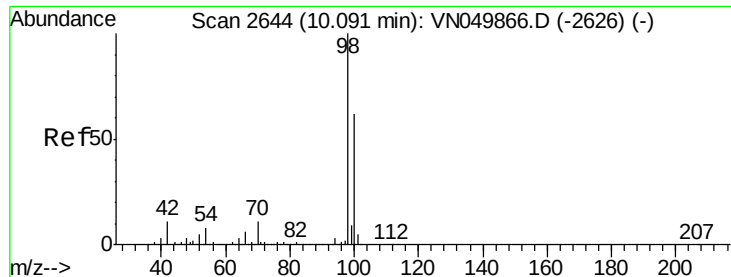
Ion Ratio Lower Upper

41 100

69 0.0 71.5 107.3#

39 16.4 44.7 67.1#





#50

Toluene-d8

Concen: 43.82 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049929.D

Acq: 19 Jul 2018 20:45

Instrument :

MSVOA_N

ClientSampleId :

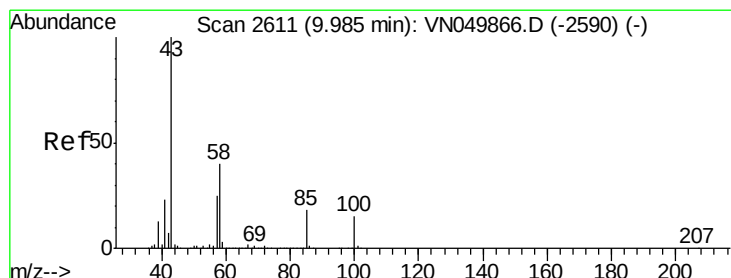
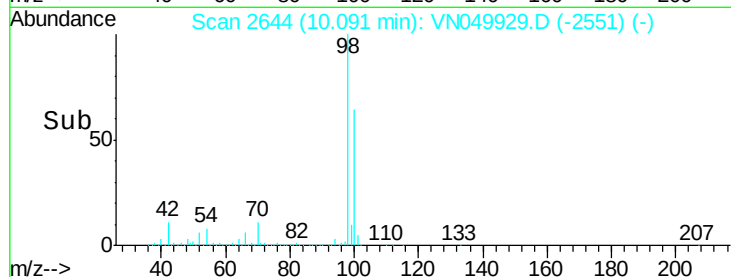
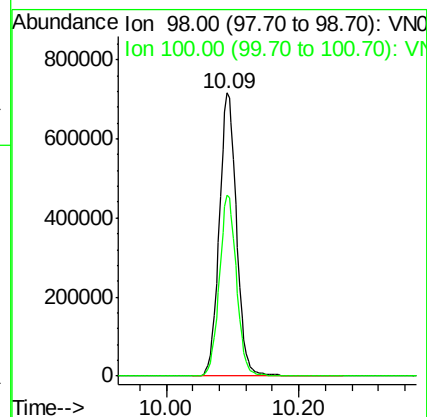
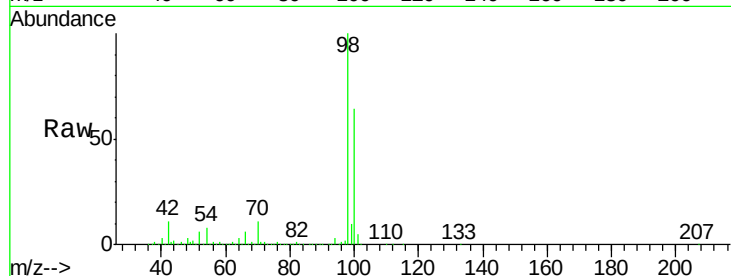
OILY-STONES

Tot Ion: 98 Resp: 1291440

Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5



#51

4-Methyl-2-Pentanone

Concen: 0.39 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049929.D

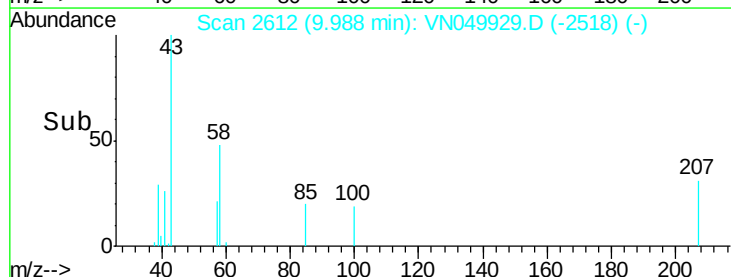
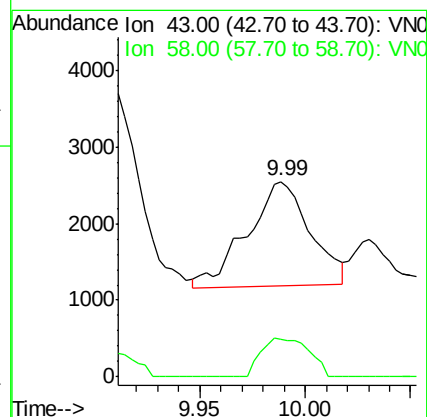
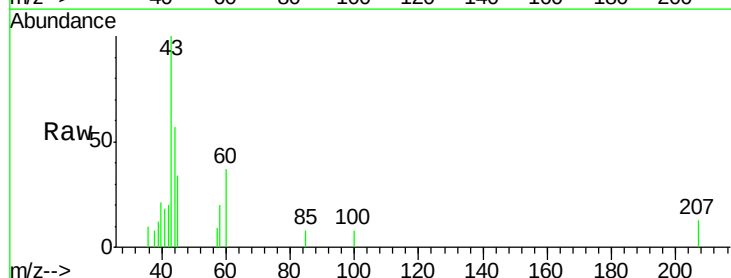
Acq: 19 Jul 2018 20:45

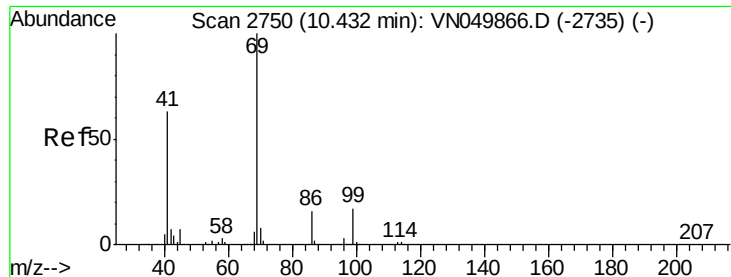
Tgt Ion: 43 Resp: 2820

Ion Ratio Lower Upper

43 100

58 28.3 31.8 47.8#





#56

Ethyl methacrylate

Concen: 2.44 ug/l

RT: 10.22 min Scan# 2684

Delta R.T. -0.21 min

Lab File: VN049929.D

Acq: 19 Jul 2018 20:45

Instrument :

MSVOA_N

ClientSampled :

OILY-STONES

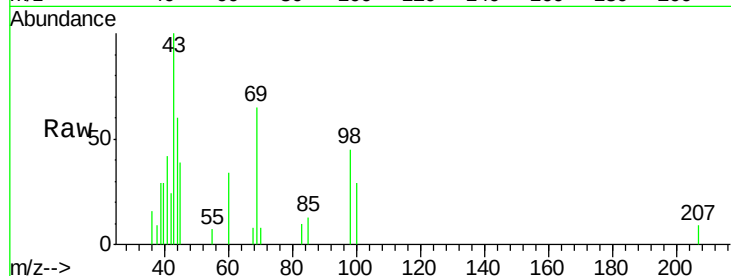
Tot Ion: 69 Resp: 3173

Ion Ratio Lower Upper

69 100

41 37.4 51.6 77.4#

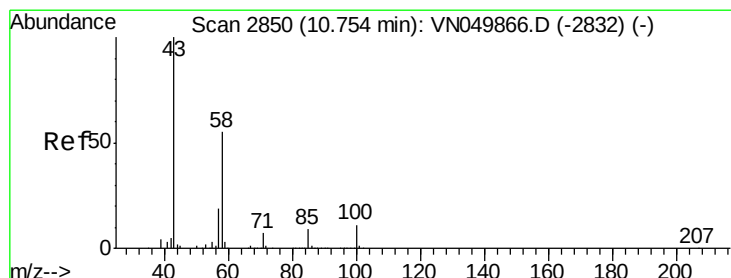
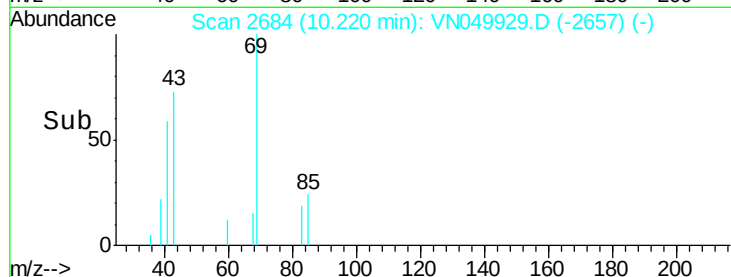
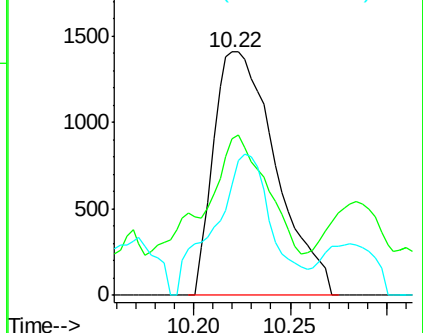
39 53.7 25.8 38.8#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 4.15 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN049929.D

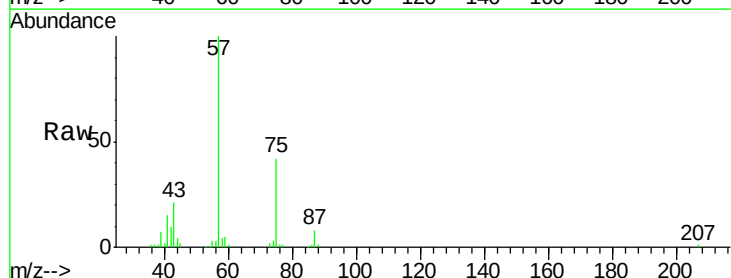
Acq: 19 Jul 2018 20:45

Tgt Ion: 43 Resp: 20052

Ion Ratio Lower Upper

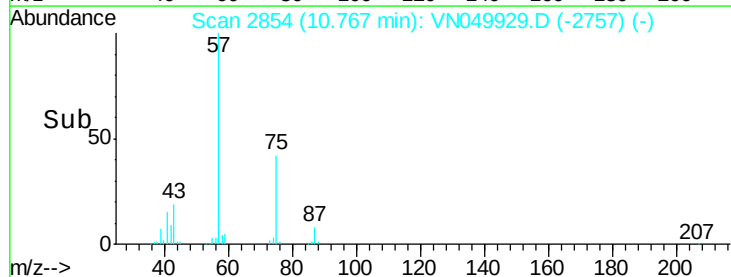
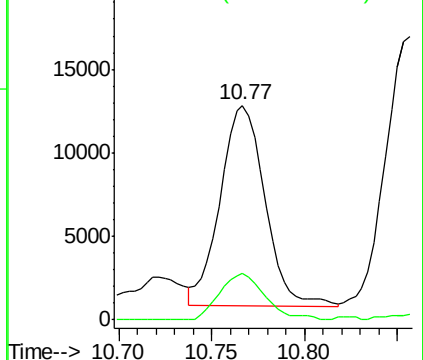
43 100

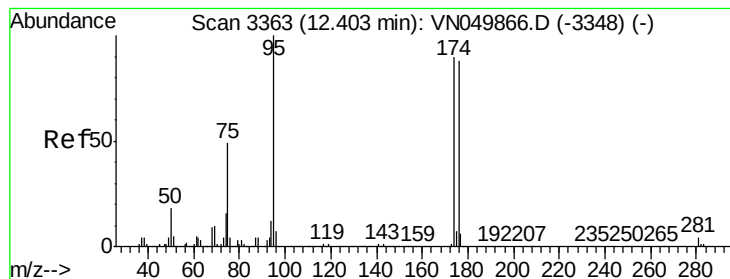
58 23.4 27.8 83.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 36.25 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049929.D

Acq: 19 Jul 2018 20:45

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

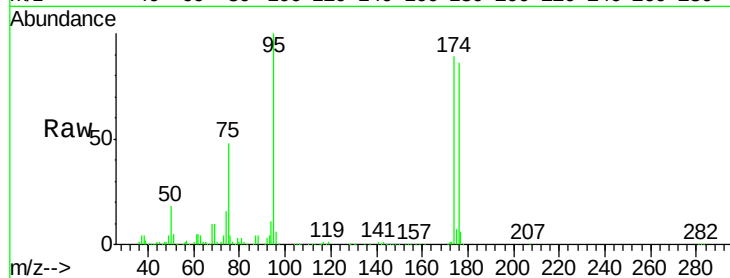
Tot Ion: 95 Resp: 367951

Ion Ratio Lower Upper

95 100

174 90.9 0.0 179.6

176 86.9 0.0 174.0

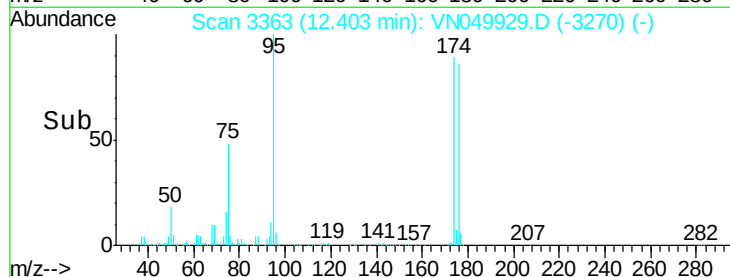


Abundance Ion 94.90 (94.60 to 95.60): VN049866.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN049866.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN049866.D (-3348) (-)

Time-->

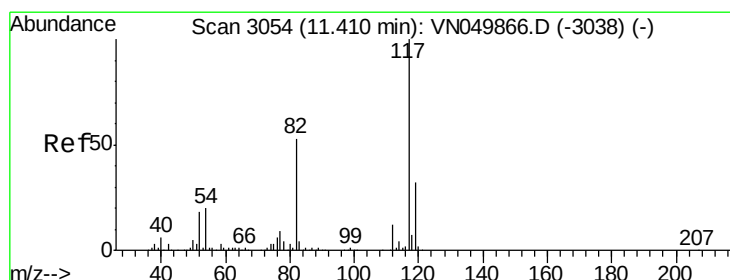


Abundance Ion 94.90 (94.60 to 95.60): VN049929.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049929.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049929.D (-3270) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049929.D

Acq: 19 Jul 2018 20:45

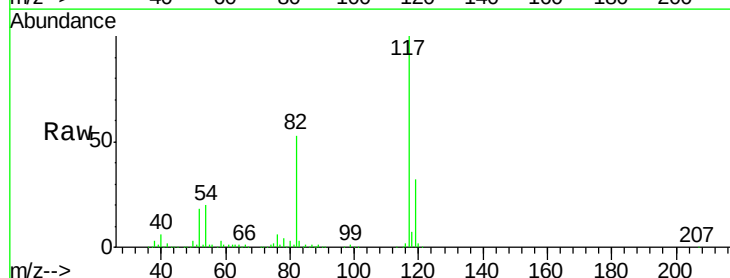
Tgt Ion: 117 Resp: 818688

Ion Ratio Lower Upper

117 100

82 52.9 41.9 62.9

119 32.3 25.4 38.2

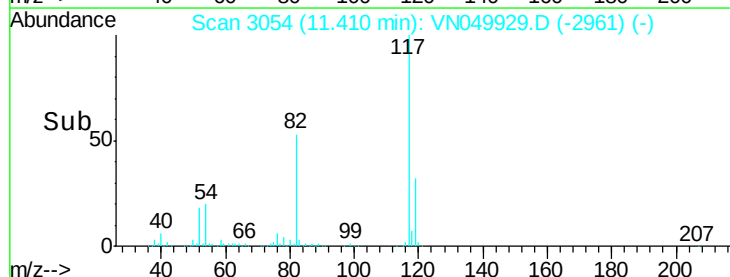


Abundance Ion 116.90 (116.60 to 117.60): VN049866.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049866.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049866.D (-3038) (-)

Time-->

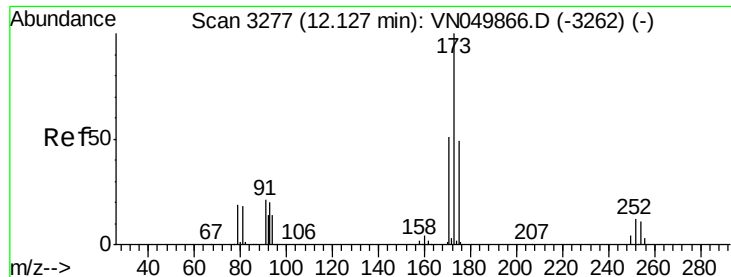


Abundance Ion 116.90 (116.60 to 117.60): VN049929.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049929.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049929.D (-2961) (-)

Time-->



#71

Bromoform

Concen: 0.62 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN049929.D

Acq: 19 Jul 2018 20:45

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

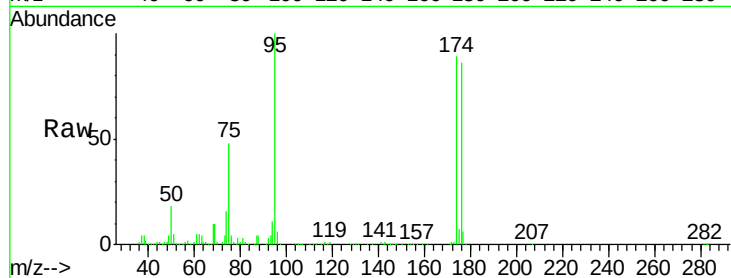
Tot Ion:173 Resp: 3534

Ion Ratio Lower Upper

173 100

175 572.8 24.6 73.8#

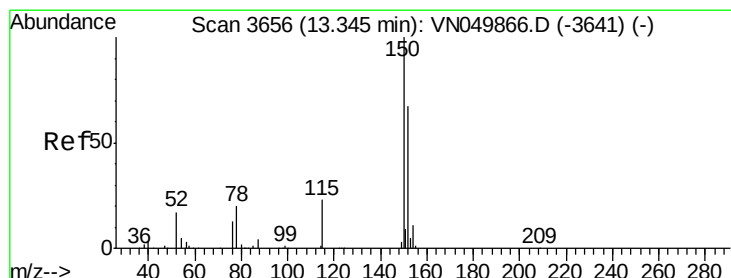
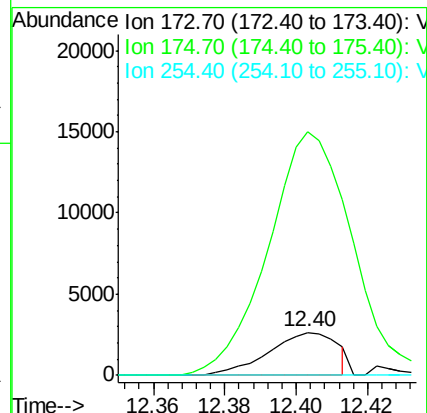
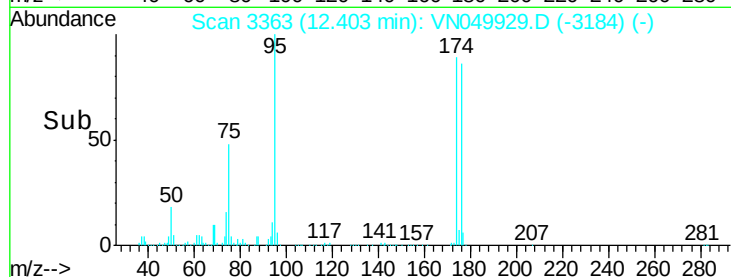
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049929.D

Acq: 19 Jul 2018 20:45

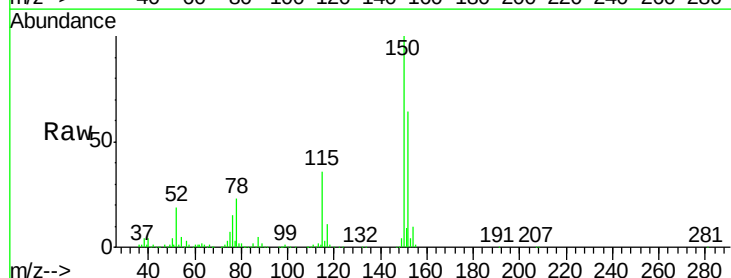
Tgt Ion:152 Resp: 324371

Ion Ratio Lower Upper

152 100

115 56.6 28.1 84.2

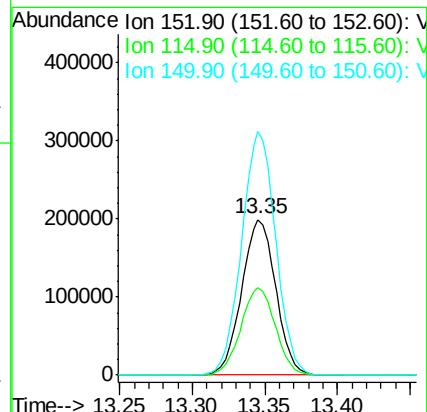
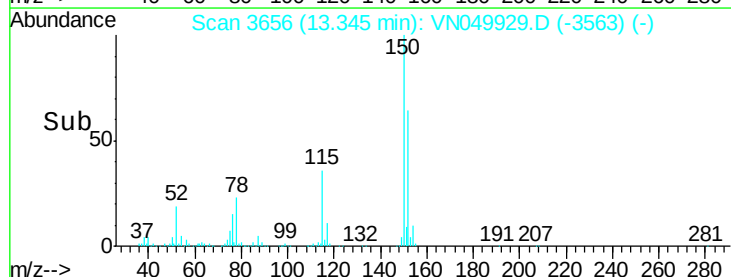
150 156.8 0.0 347.6

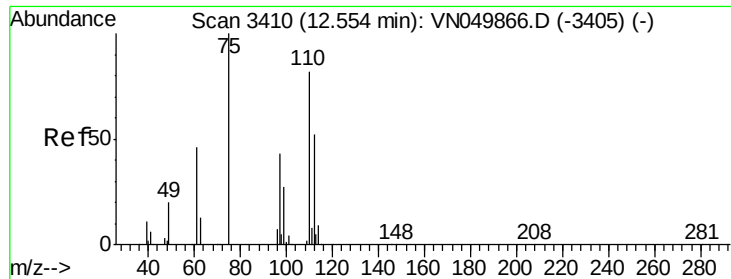


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 29.46 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049929.D

Acq: 19 Jul 2018 20:45

Instrument :

MSVOA_N

ClientSampleId :

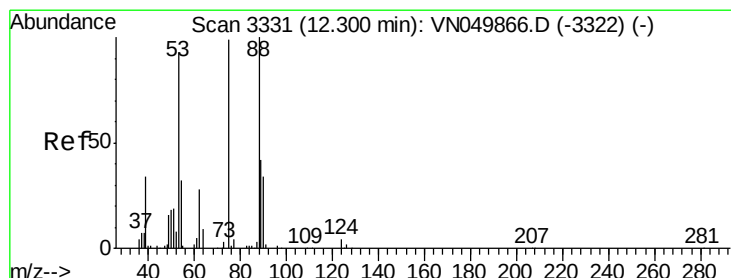
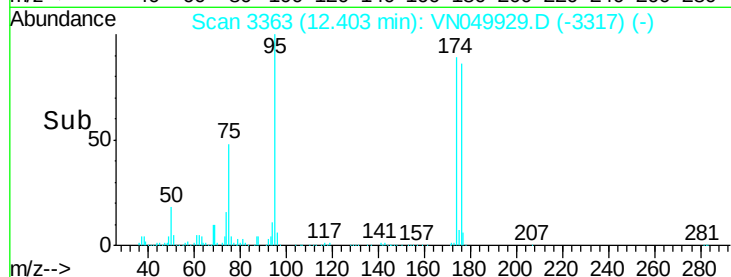
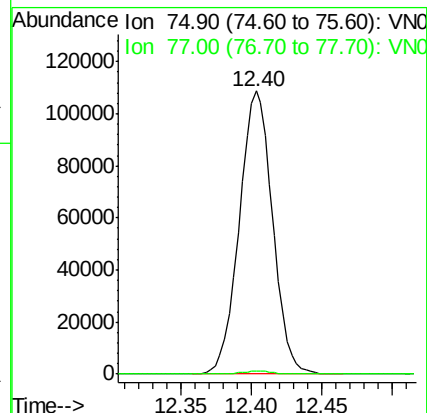
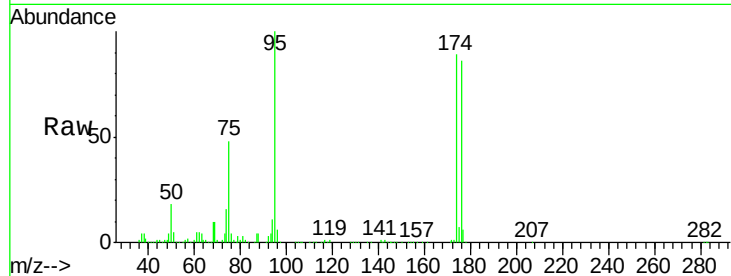
OILY-STONES

Tot Ion: 75 Resp: 179252

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 92.12 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049929.D

Acq: 19 Jul 2018 20:45

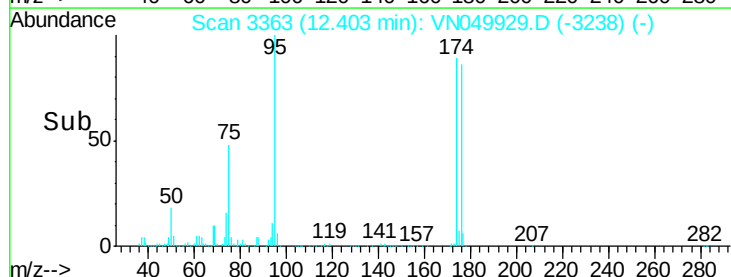
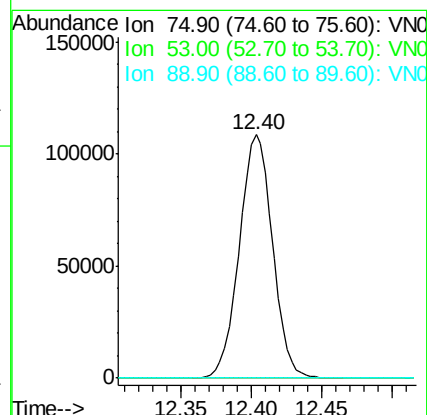
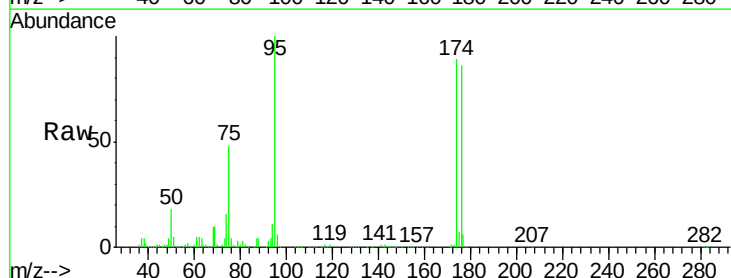
Tgt Ion: 75 Resp: 179252

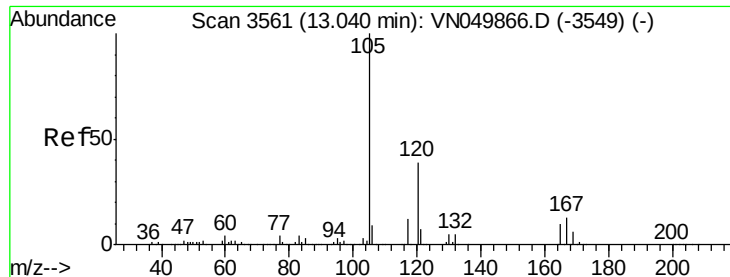
Ion Ratio Lower Upper

75 100

53 0.2 73.9 110.9#

89 0.0 35.9 53.9#





#84

1,2,4-Trimethylbenzene

Concen: 0.31 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049929.D

Acq: 19 Jul 2018 20:45

Instrument :

MSVOA_N

ClientSampled :

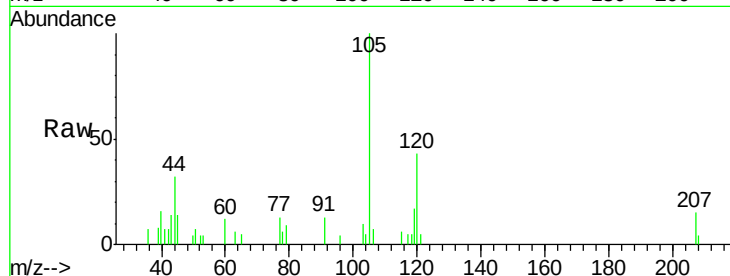
OILY-STONES

Tot Ion:105 Resp: 6242

Ion Ratio Lower Upper

105 100

120 44.3 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

4000

3000

2000

1000

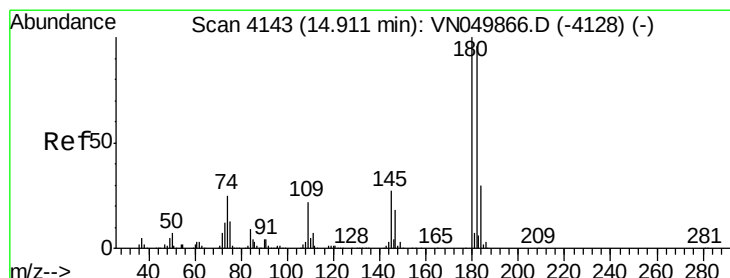
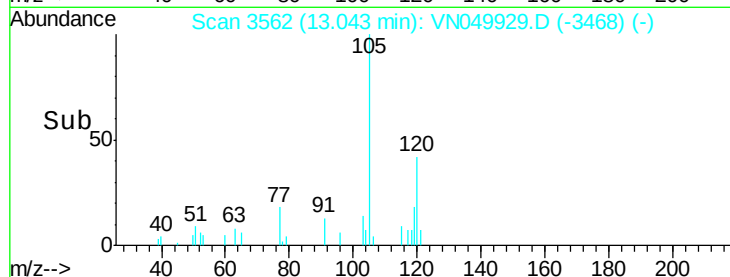
0

Time-->

13.00

13.05

13.10



#93

1,2,4-Trichlorobenzene

Concen: 3.48 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. 0.00 min

Lab File: VN049929.D

Acq: 19 Jul 2018 20:45

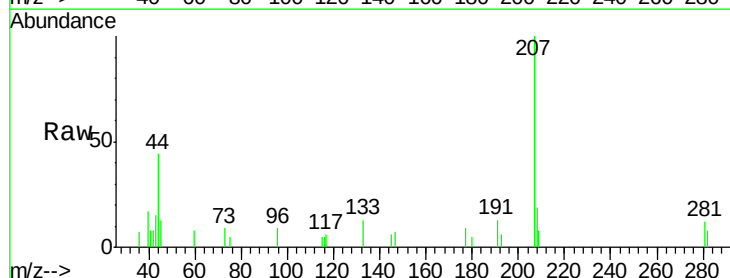
Tgt Ion:180 Resp: 30

Ion Ratio Lower Upper

180 100

182 96.7 47.3 141.9

145 1173.3 14.4 43.0#



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

400

300

200

100

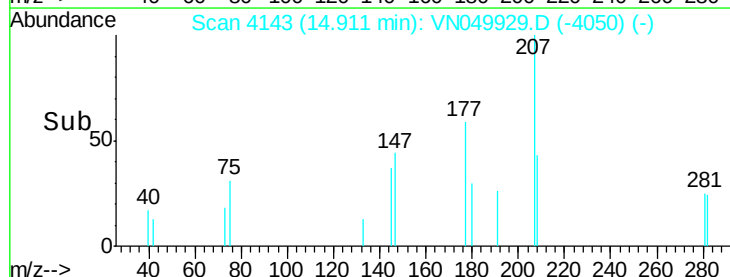
0

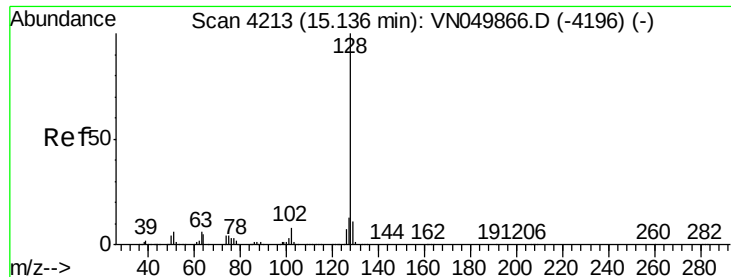
Time-->

14.90

14.91

14.92





#95
Naphthalene
Concen: 46.72 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049929.D
Acq: 19 Jul 2018 20:45

Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0

