

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
 Data File : VN050228.D
 Acq On : 31 Jul 2018 20:40
 Operator : MD\SY
 Sample : J4234-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONE-CONCRETE

Quant Time: Aug 01 03:59:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	627145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1039249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	889917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	342659	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	446074	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
35) Dibromofluoromethane	7.59	113	399811	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	
50) Toluene-d8	10.09	98	1410016	45.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.40%	
62) 4-Bromofluorobenzene	12.40	95	397107	38.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.32%	

Target Compounds

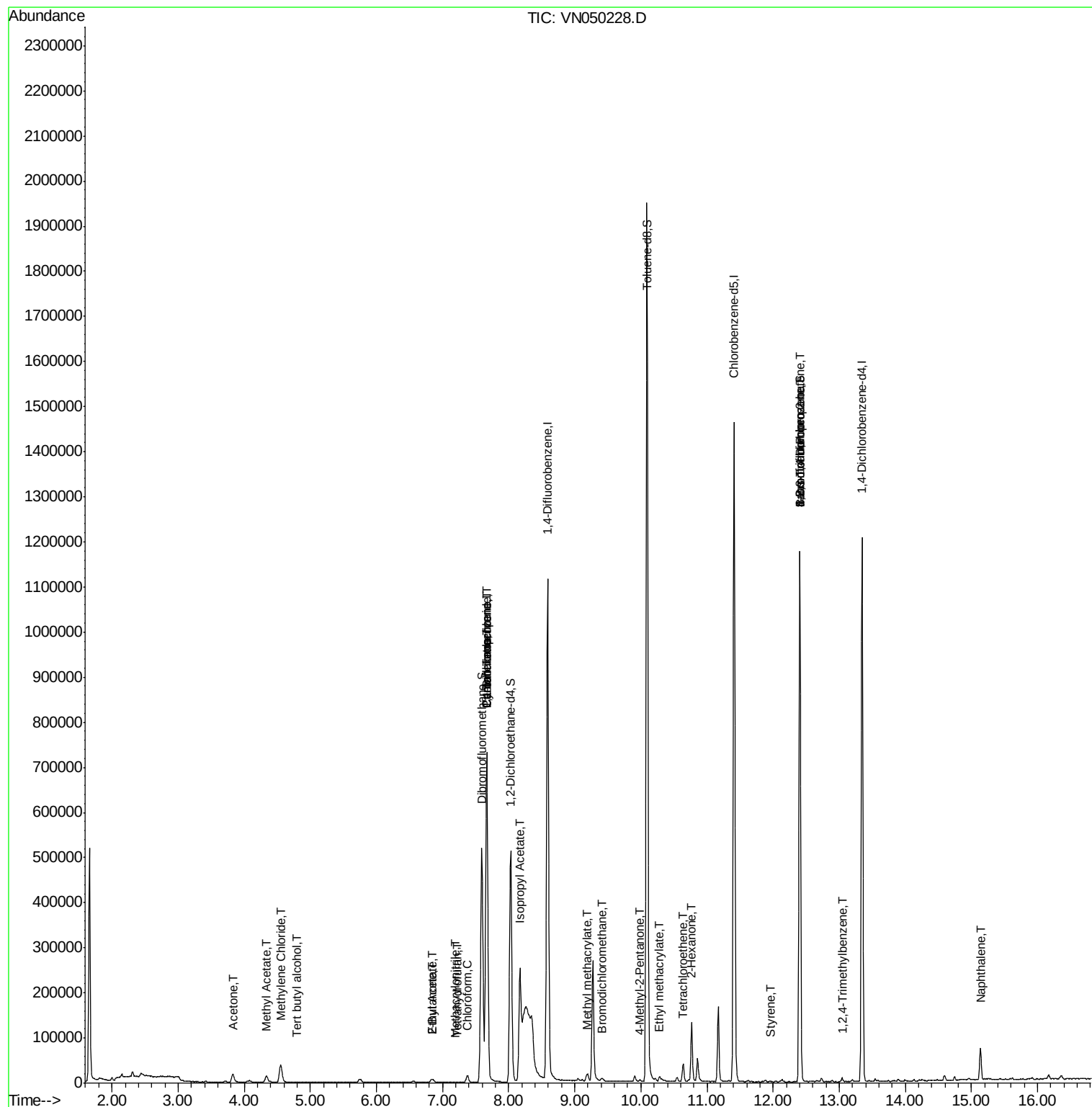
						Qvalue
5) Bromomethane	2.54	94	67	Below Cal	#	3
11) Tert butyl alcohol	4.79	59	221	0.34	ug/l #	72
16) Acetone	3.82	43	31895	11.33	ug/l	98
18) Methyl Acetate	4.34	43	28559	2.00	ug/l	98
20) Methylene Chloride	4.55	84	30218	2.71	ug/l	96
25) 2-Butanone	6.85	43	5098	1.53	ug/l	94
29) Tetrahydrofuran	7.22	42	583	0.27	ug/l #	45
30) Chloroform	7.38	83	16960	1.14	ug/l	97
31) Cyclohexane	7.67	56	12050	0.93	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	44358	3.79	ug/l #	48
37) Ethyl Acetate	6.85	43	5098	0.62	ug/l #	71
38) Carbon Tetrachloride	7.67	117	57938	4.66	ug/l #	16
41) Methacrylonitrile	7.20	41	186	2.79	ug/l #	10
43) Isopropyl Acetate	8.17	43	304047	19.06	ug/l #	92
47) Bromodichloromethane	9.40	83	3104	0.25	ug/l #	95
48) Methyl methacrylate	9.18	41	9330	1.33	ug/l #	26
51) 4-Methyl-2-Pentanone	9.99	43	2136	0.27	ug/l	100
56) Ethyl methacrylate	10.27	69	533	2.08	ug/l #	1
59) 2-Hexanone	10.77	43	17373	8.06	ug/l #	61
64) Tetrachloroethene	10.63	164	2130	0.25	ug/l #	78
70) Styrene	11.96	104	66	0.93	ug/l #	25
71) Bromoform	12.40	173	1333	0.21	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.41	83	176	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	191858	30.13	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	191858	95.56	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	5346	0.25	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.43	75	29	Below Cal	#	1
95) Naphthalene	15.14	128	60439	7.94	ug/l	99

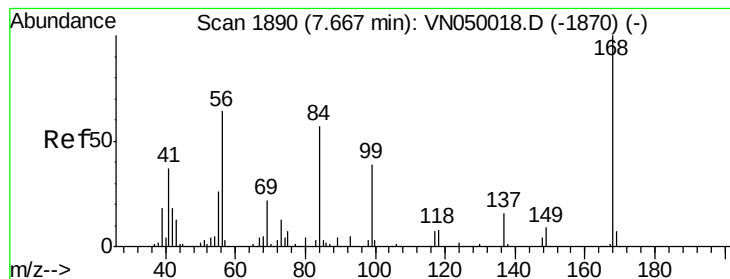
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050228.D

Acq: 31 Jul 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

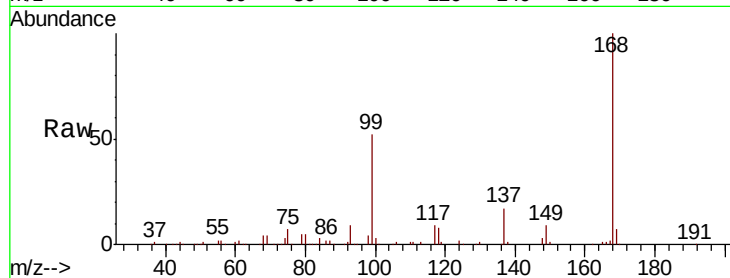
OILY-STONE-CONCRETE

Tot Ion:168 Resp: 627145

Ion Ratio Lower Upper

168 100

99 52.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

250000

200000

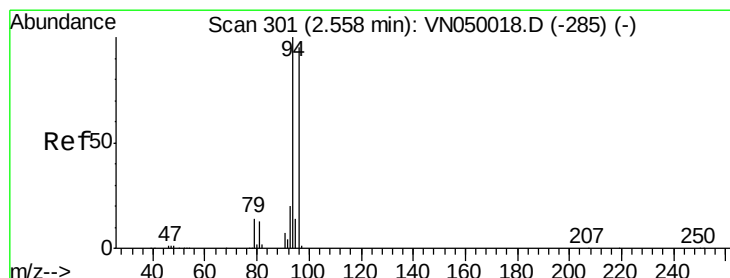
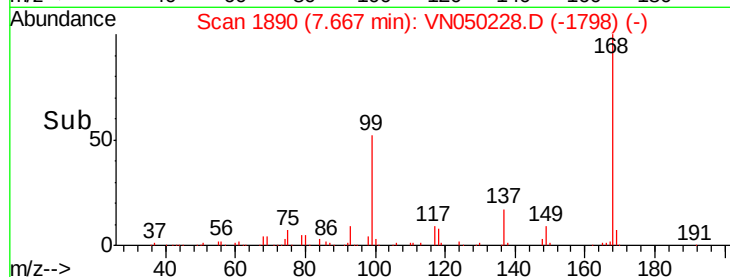
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.54 min Scan# 296

Delta R.T. -0.01 min

Lab File: VN050228.D

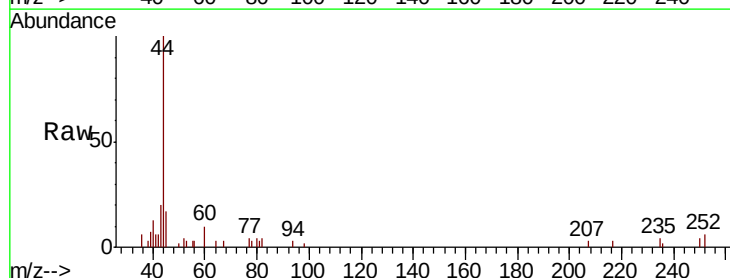
Acq: 31 Jul 2018 20:40

Tgt Ion: 94 Resp: 67

Ion Ratio Lower Upper

94 100

96 0.0 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VN050018.D (-285) (-)

Ion 95.90 (95.60 to 96.60): VN050018.D (-285) (-)

2.54

200

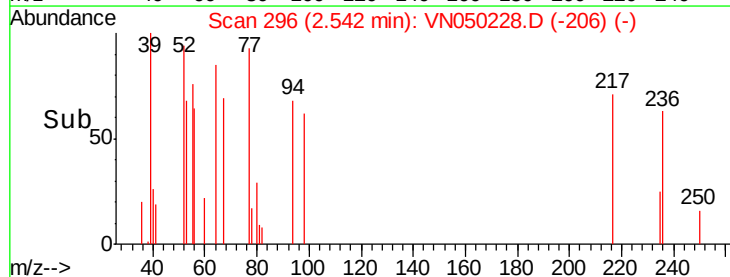
150

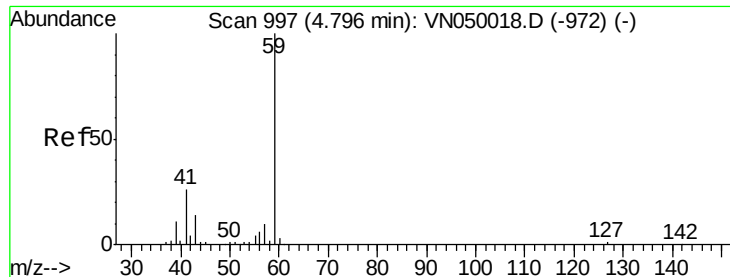
100

50

0

Time-->

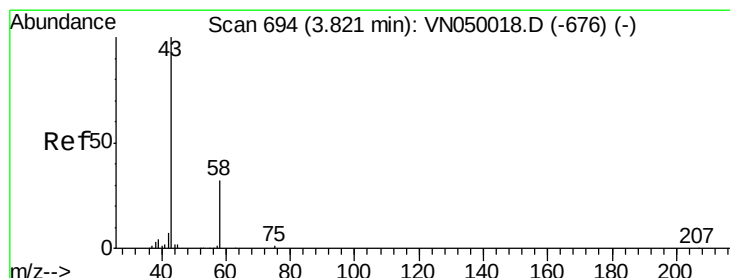
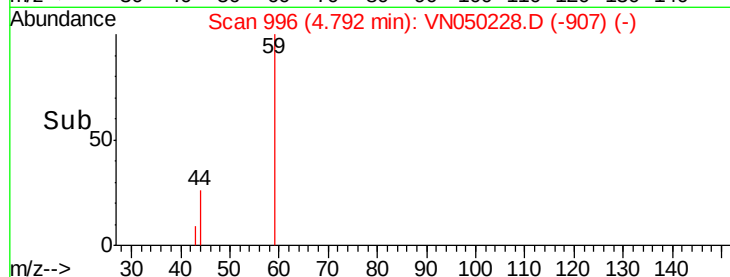
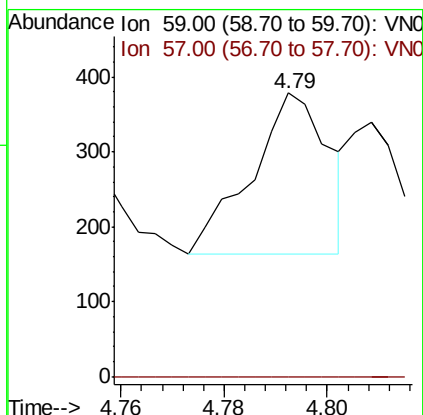
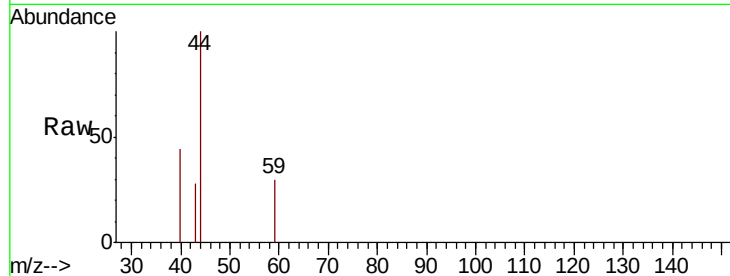




#11
Tert butyl alcohol
Concen: 0.34 ug/l
RT: 4.79 min Scan# 996
Delta R.T. -0.01 min
Lab File: VN050228.D
Acq: 31 Jul 2018 20:40

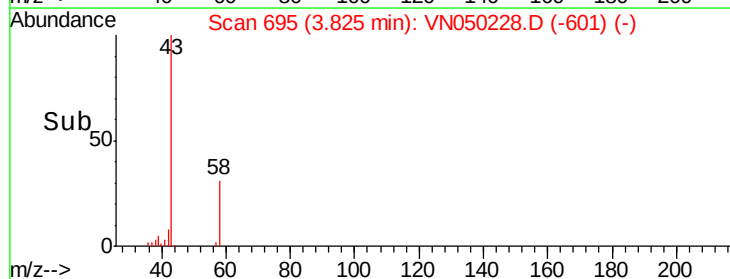
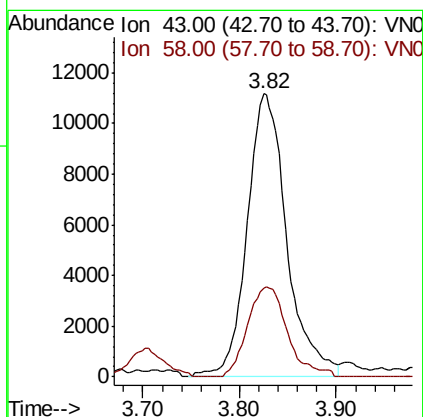
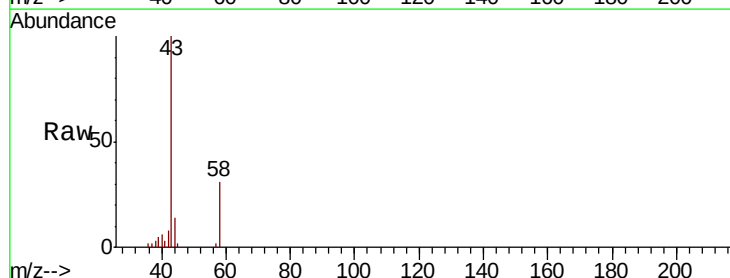
Instrument :
MSVOA_N
ClientSampleId :
OILY-STONE-CONCRETE

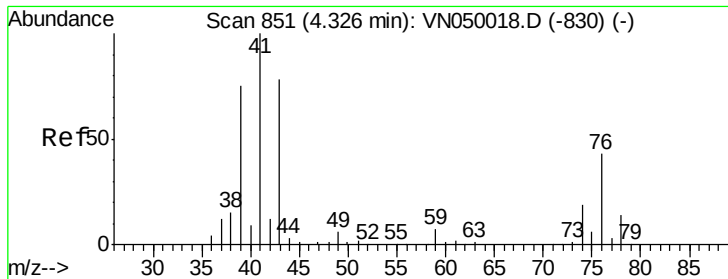
Tot Ion: 59 Resp: 221
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 11.33 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN050228.D
Acq: 31 Jul 2018 20:40

Tgt Ion: 43 Resp: 31895
Ion Ratio Lower Upper
43 100
58 31.4 25.8 38.8

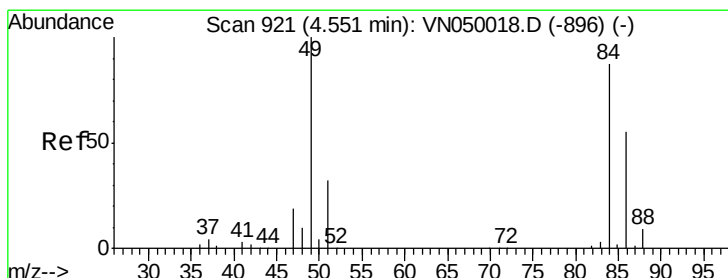
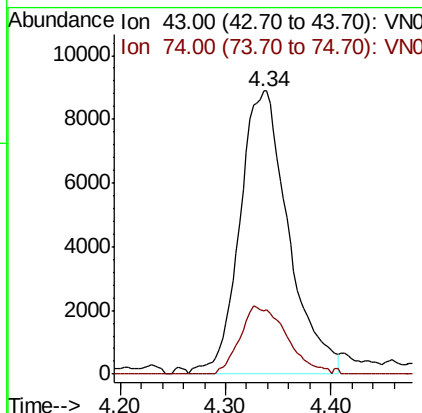
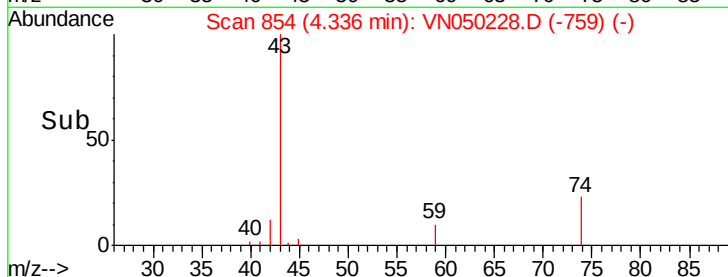
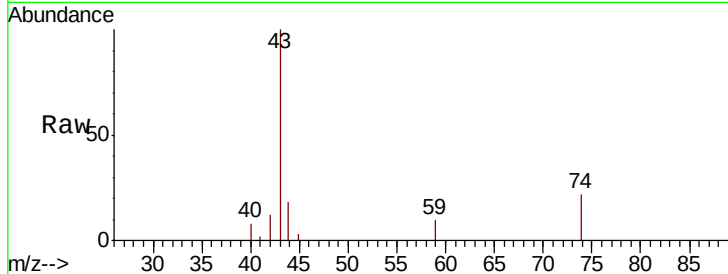




#18
Methvl Acetate
Concen: 2.00 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050228.D
Acq: 31 Jul 2018 20:40

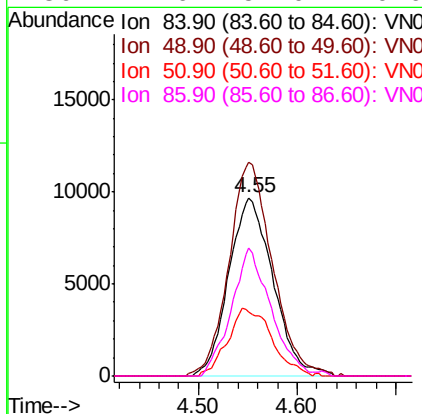
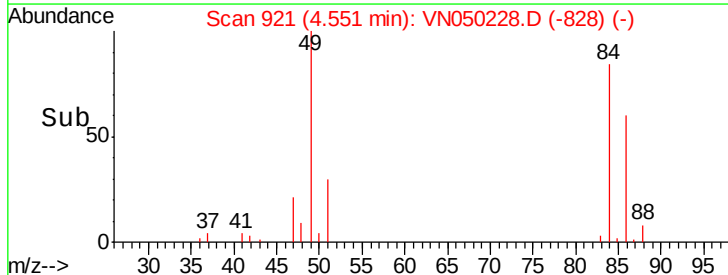
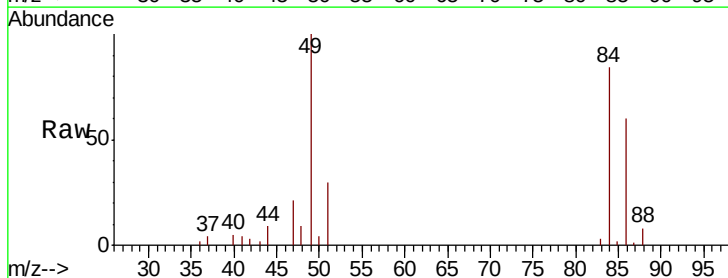
Instrument :
MSVOA_N
ClientSampleId :
OILY-STONE-CONCRETE

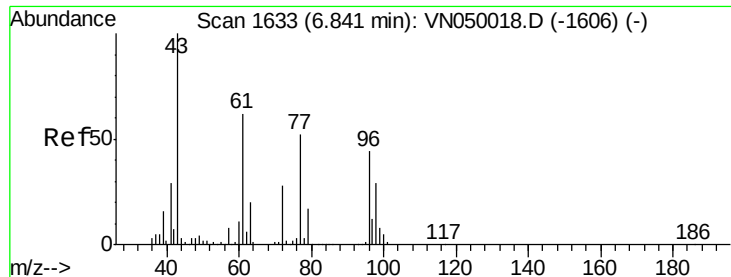
Tot Ion: 43 Resp: 28559
Ion Ratio Lower Upper
43 100
74 22.9 19.2 28.8



#20
Methylene Chloride
Concen: 2.71 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050228.D
Acq: 31 Jul 2018 20:40

Tgt Ion: 84 Resp: 30218
Ion Ratio Lower Upper
84 100
49 119.6 94.8 142.2
51 35.6 28.3 42.5
86 71.6 51.0 76.6





#25

2-Butanone

Concen: 1.53 ug/l

RT: 6.85 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VN050228.D

Acq: 31 Jul 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

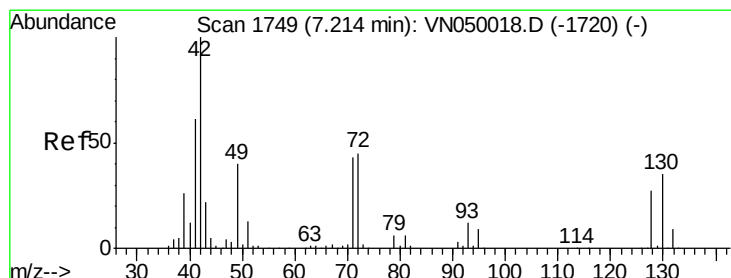
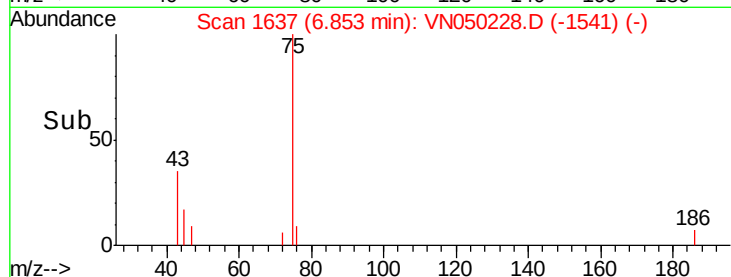
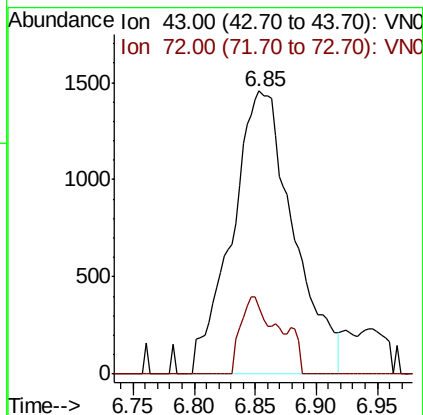
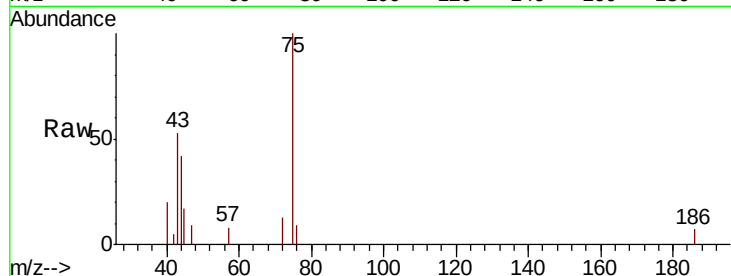
OILY-STONE-CONCRETE

Tot Ion: 43 Resp: 5098

Ion Ratio Lower Upper

43 100

72 23.7 21.5 32.3



#29

Tetrahydrofuran

Concen: 0.27 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VN050228.D

Acq: 31 Jul 2018 20:40

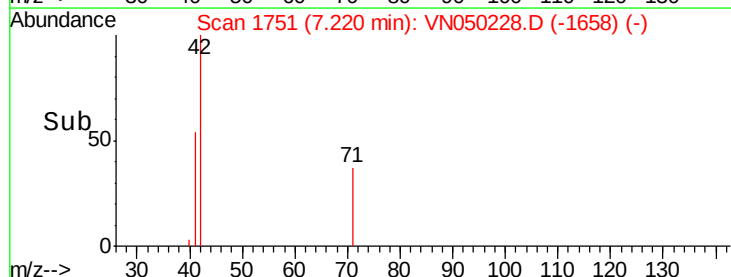
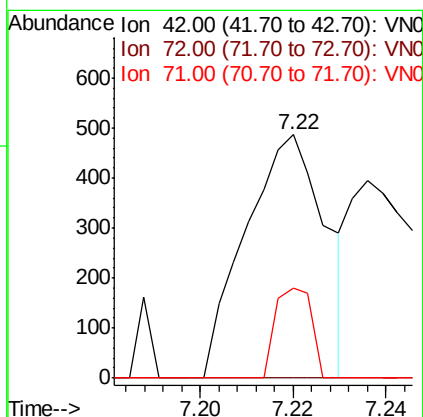
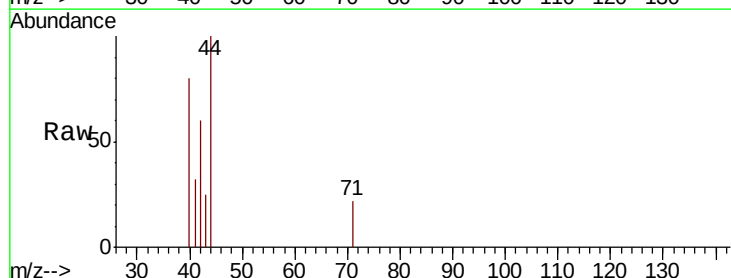
Tgt Ion: 42 Resp: 583

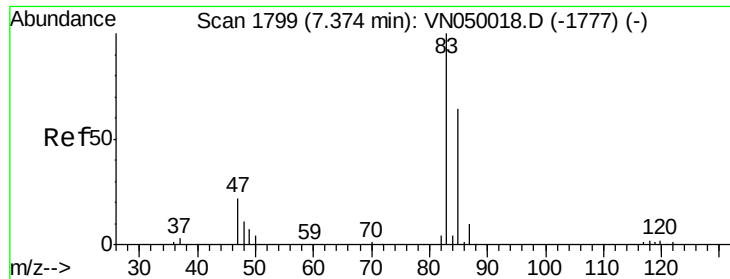
Ion Ratio Lower Upper

42 100

72 0.0 35.9 53.9#

71 16.8 33.7 50.5#





#30

Chloroform

Concen: 1.14 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN050228.D

Acq: 31 Jul 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

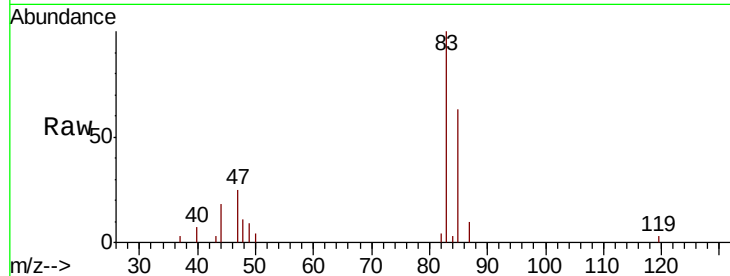
OILY-STONE-CONCRETE

Tot Ion: 83 Resp: 16960

Ion Ratio Lower Upper

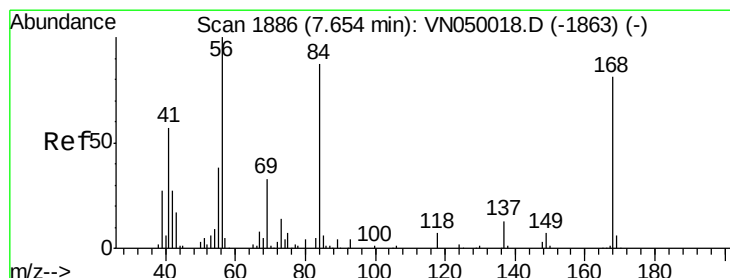
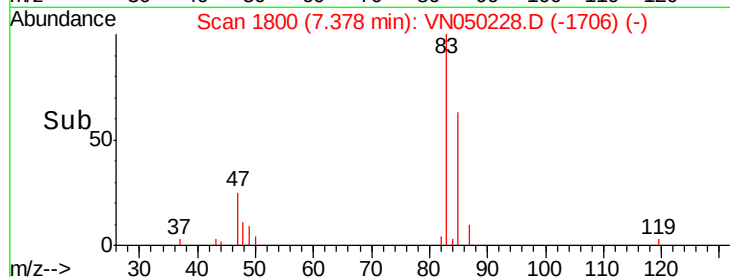
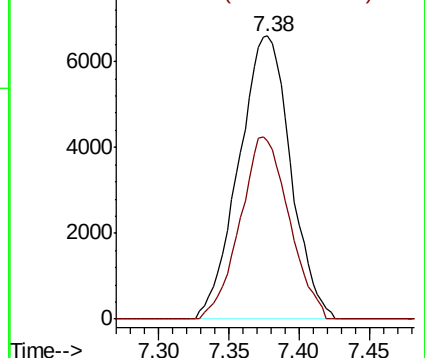
83 100

85 62.8 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



#31

Cyclohexane

Concen: 0.93 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050228.D

Acq: 31 Jul 2018 20:40

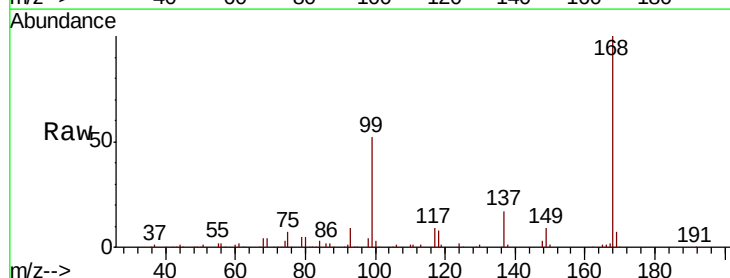
Tgt Ion: 56 Resp: 12050

Ion Ratio Lower Upper

56 100

69 186.8 26.2 39.4#

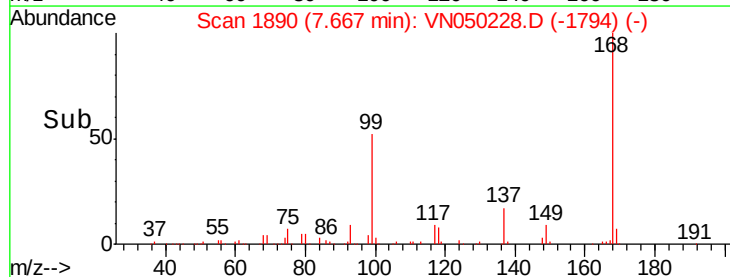
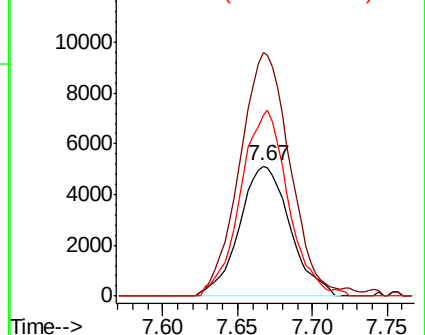
84 138.4 67.4 101.0#

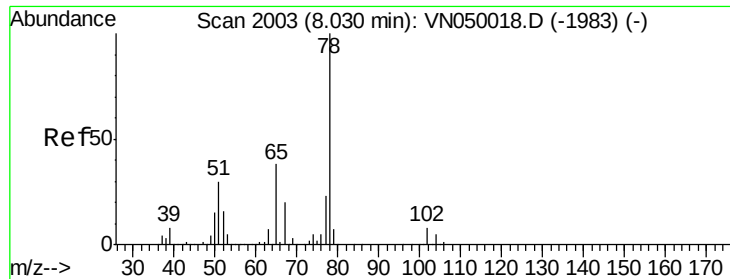


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

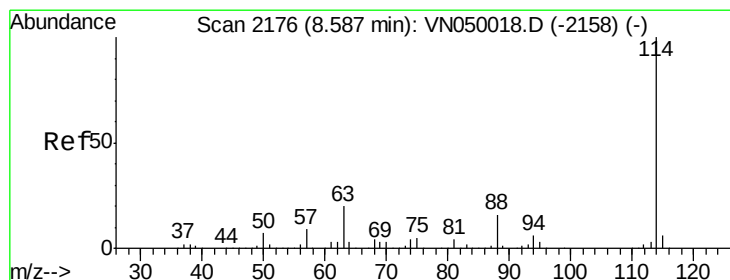
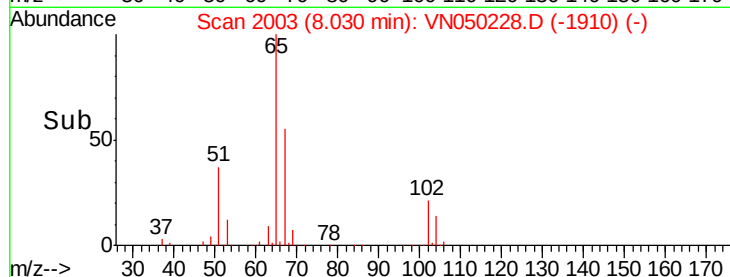
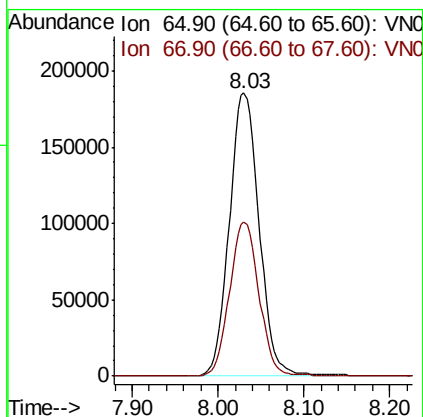
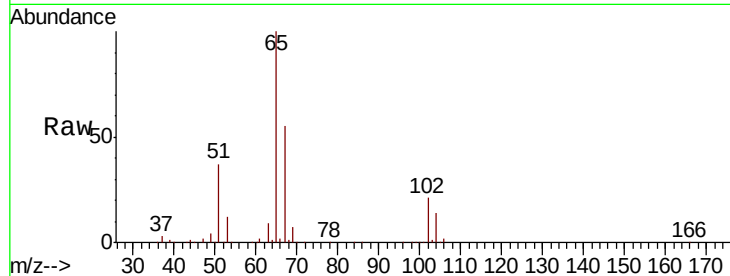




#33
 1,2-Dichloroethane-d4
 Concen: 50.98 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050228.D
 Acq: 31 Jul 2018 20:40

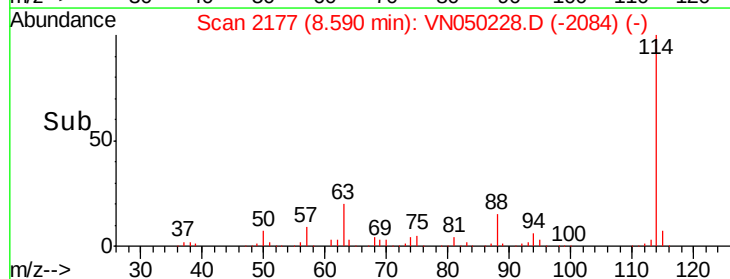
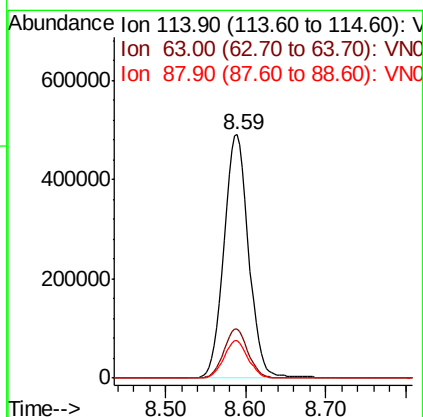
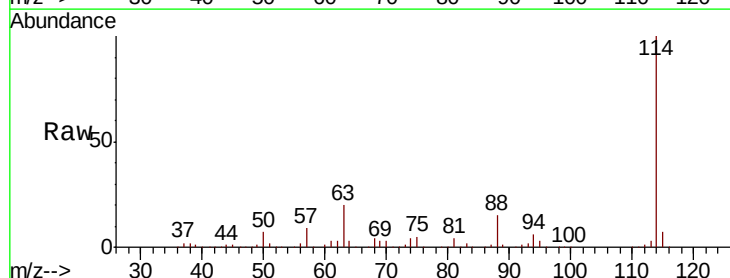
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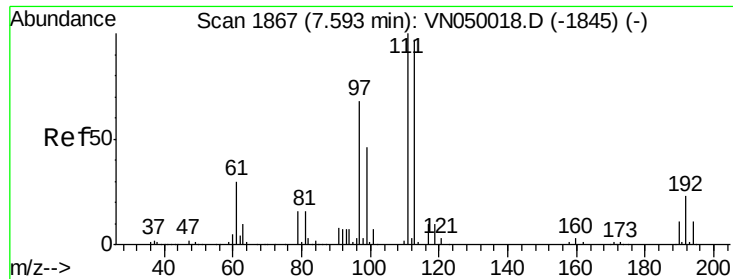
Tot Ion: 65 Resp: 446074
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050228.D
 Acq: 31 Jul 2018 20:40

Tgt Ion: 114 Resp: 1039249
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 15.4 0.0 31.2

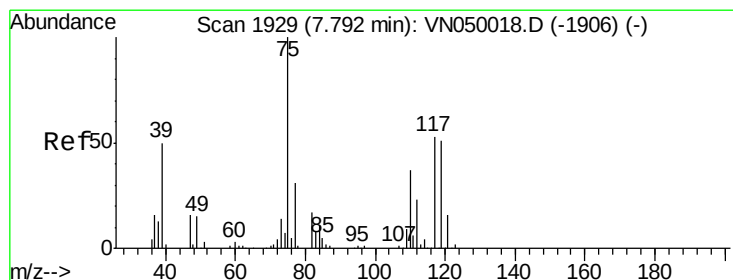
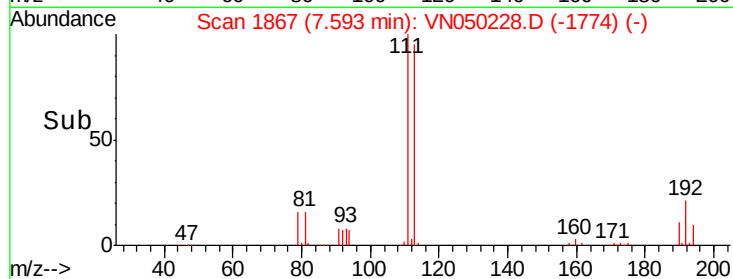
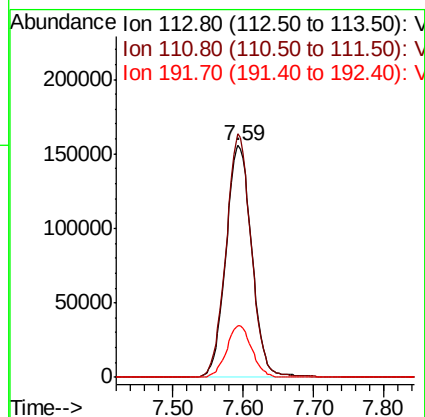
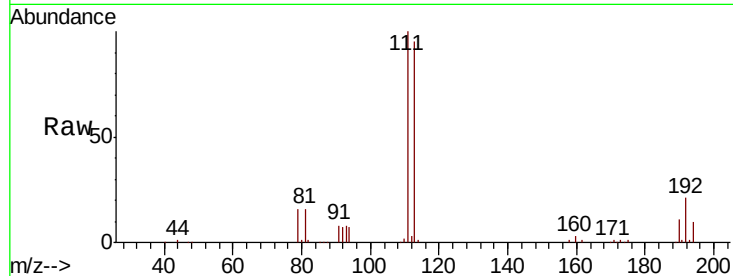




#35
Dibromofluoromethane
Concen: 47.12 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050228.D
Acq: 31 Jul 2018 20:40

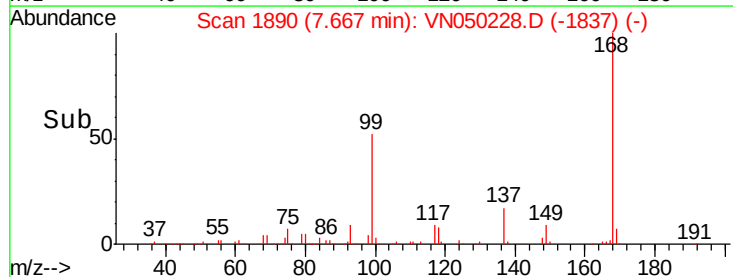
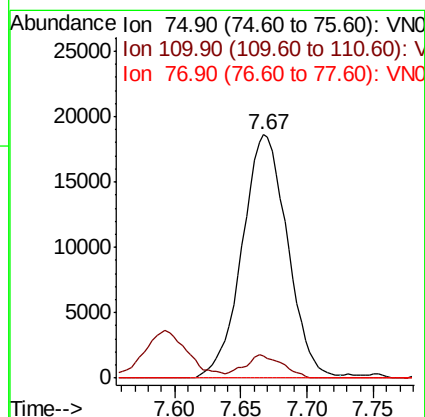
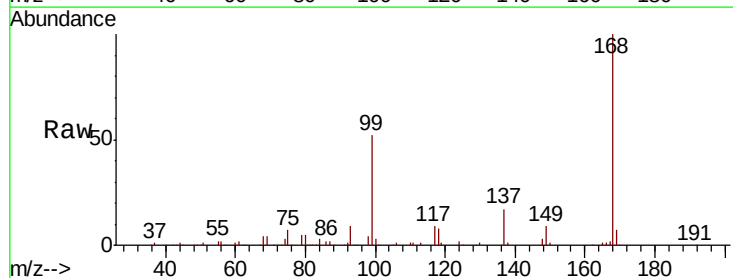
Instrument :
MSVOA_N
ClientSampleId :
OILY-STONE-CONCRETE

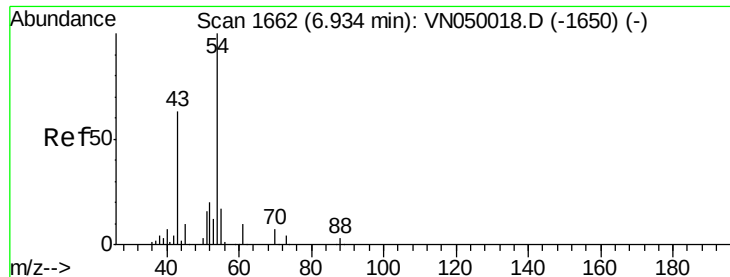
Tot Ion:113 Resp: 399811
Ion Ratio Lower Upper
113 100
111 102.3 80.7 121.1
192 21.7 17.8 26.6



#36
1,1-Dichloropropene
Concen: 3.79 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.13 min
Lab File: VN050228.D
Acq: 31 Jul 2018 20:40

Tgt Ion: 75 Resp: 44358
Ion Ratio Lower Upper
75 100
110 8.1 18.4 55.2#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.62 ug/l

RT: 6.85 min Scan# 1637

Delta R.T. -0.08 min

Lab File: VN050228.D

Acq: 31 Jul 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONE-CONCRETE

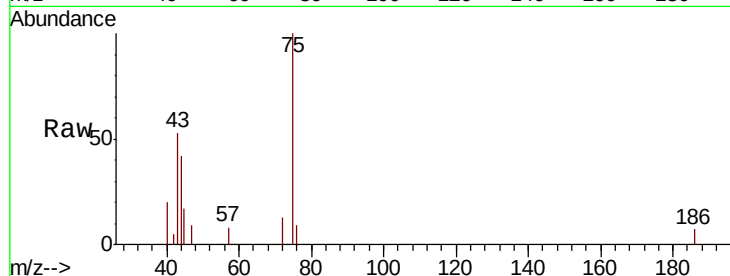
Tot Ion: 43 Resp: 5098

Ion Ratio Lower Upper

43 100

61 2.8 11.8 17.8#

70 0.0 8.4 12.6#

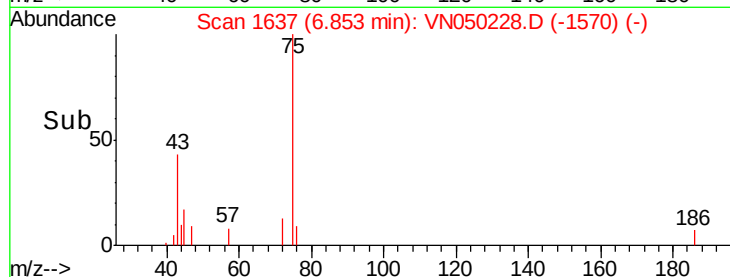


Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-1650) (-)

Ion 60.90 (60.60 to 61.60): VN050018.D (-1650) (-)

Ion 70.00 (69.70 to 70.70): VN050018.D (-1650) (-)

Time-->

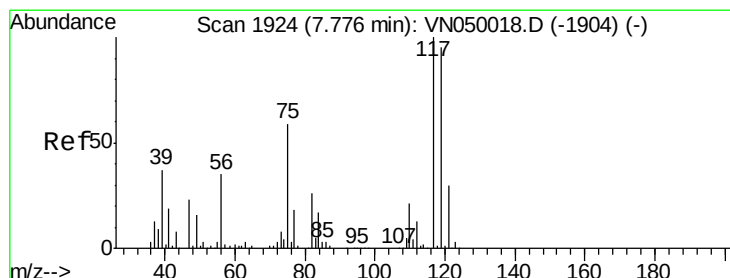


Abundance Ion 43.00 (42.70 to 43.70): VN050228.D (-1570) (-)

Ion 60.90 (60.60 to 61.60): VN050228.D (-1570) (-)

Ion 70.00 (69.70 to 70.70): VN050228.D (-1570) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 4.66 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.11 min

Lab File: VN050228.D

Acq: 31 Jul 2018 20:40

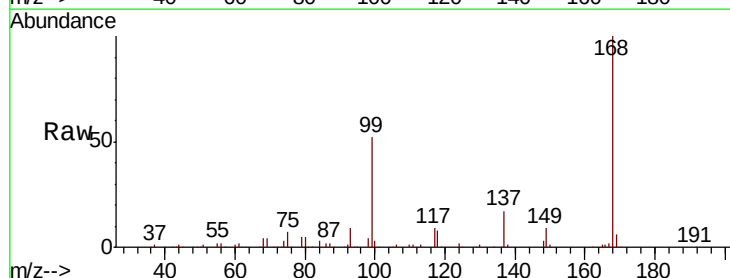
Tgt Ion: 117 Resp: 57938

Ion Ratio Lower Upper

117 100

119 5.2 77.4 116.0#

121 0.0 23.9 35.9#

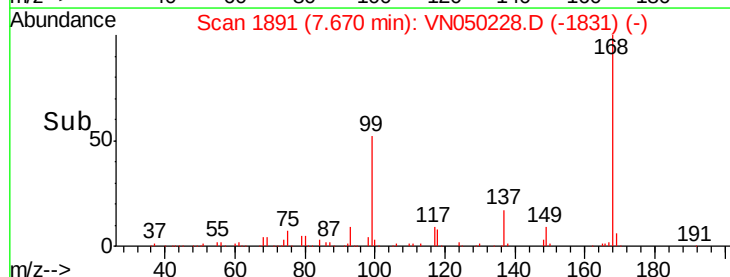


Abundance Ion 116.80 (116.50 to 117.50): VN050018.D (-1904) (-)

Ion 118.80 (118.50 to 119.50): VN050018.D (-1904) (-)

Ion 120.80 (120.50 to 121.50): VN050018.D (-1904) (-)

Time-->

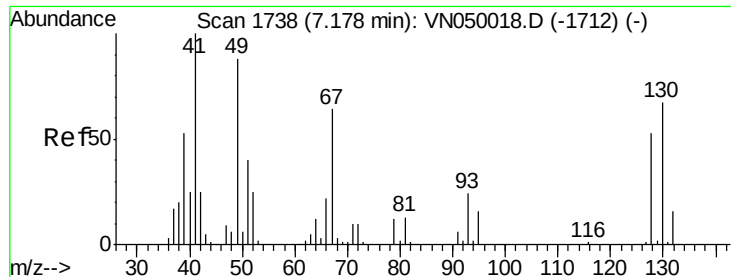


Abundance Ion 116.80 (116.50 to 117.50): VN050228.D (-1831) (-)

Ion 118.80 (118.50 to 119.50): VN050228.D (-1831) (-)

Ion 120.80 (120.50 to 121.50): VN050228.D (-1831) (-)

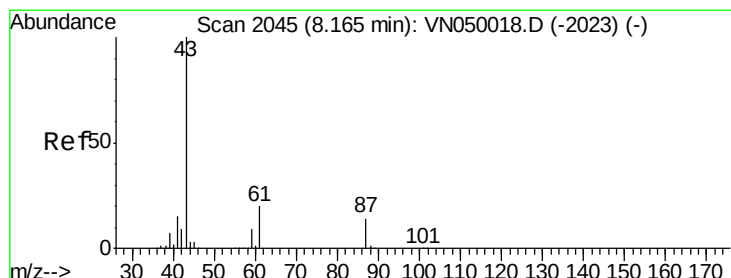
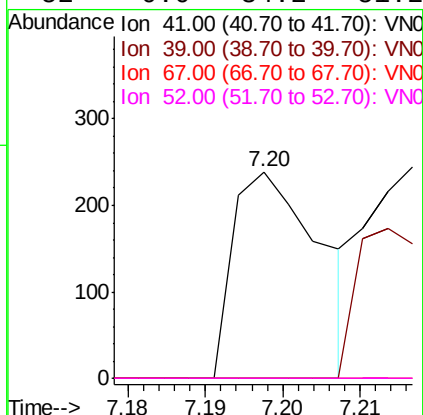
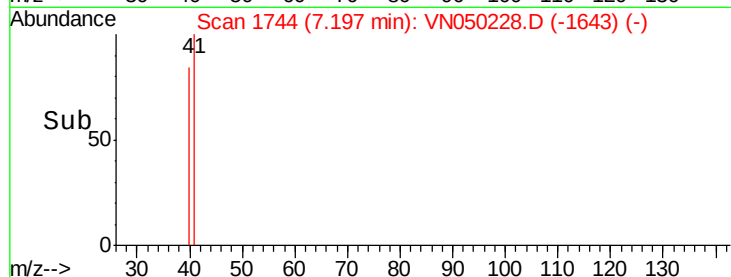
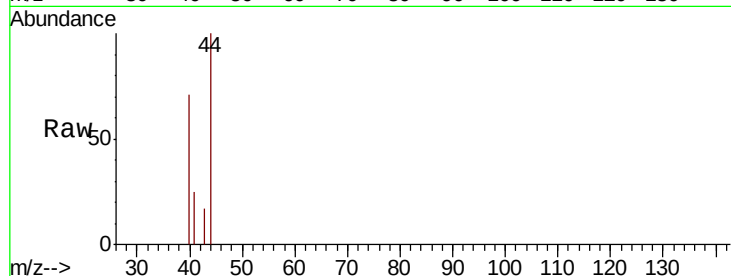
Time-->



#41
Methacrylonitrile
Concen: 2.79 ug/l
RT: 7.20 min Scan# 1744
Delta R.T. 0.02 min
Lab File: VN050228.D
Acq: 31 Jul 2018 20:40

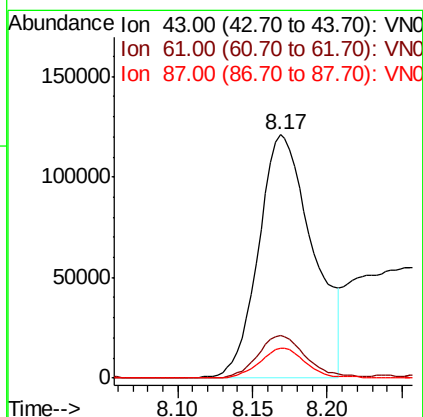
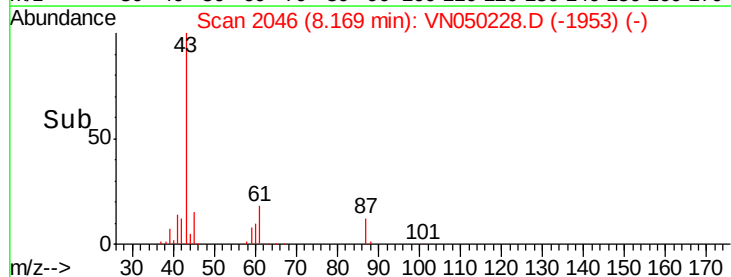
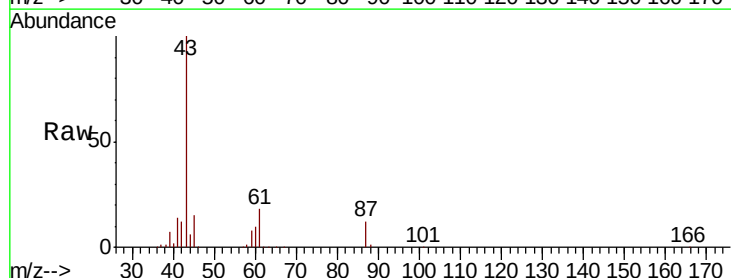
Instrument :
MSVOA_N
ClientSampleId :
OILY-STONE-CONCRETE

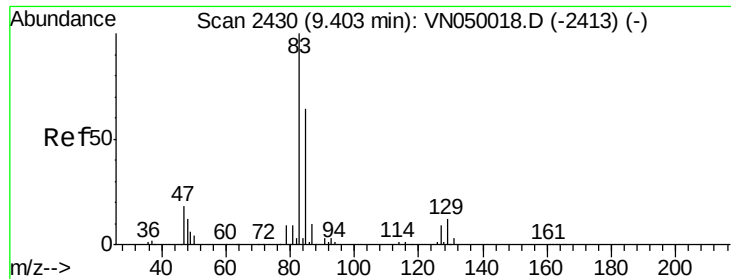
Tot Ion: 41 Resp: 186
Ion Ratio Lower Upper
41 100
39 0.0 55.8 83.6#
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#



#43
Isopropyl Acetate
Concen: 19.06 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN050228.D
Acq: 31 Jul 2018 20:40

Tgt Ion: 43 Resp: 304047
Ion Ratio Lower Upper
43 100
61 15.7 15.8 23.6#
87 10.6 10.3 15.5





#47

Bromodichloromethane

Concen: 0.25 ug/l

RT: 9.40 min Scan# 2429

Delta R.T. -0.01 min

Lab File: VN050228.D

Acq: 31 Jul 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONE-CONCRETE

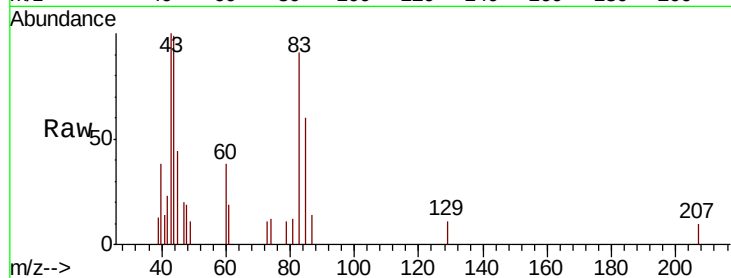
Tot Ion: 83 Resp: 3104

Ion Ratio Lower Upper

83 100

85 65.9 51.1 76.7

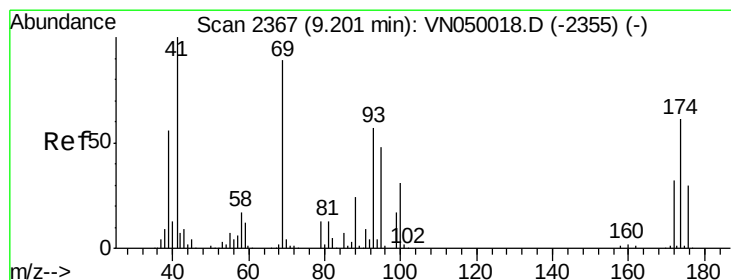
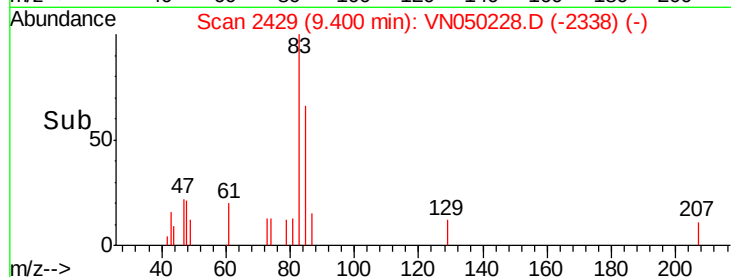
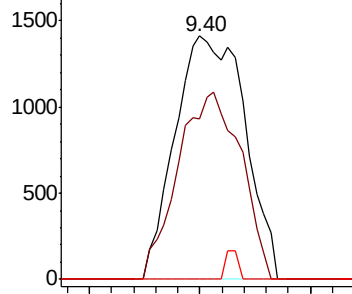
127 0.0 7.0 10.4#



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 84.90 (84.60 to 85.60): VNC

Ion 126.80 (126.50 to 127.50): VNC



#48

Methyl methacrylate

Concen: 1.33 ug/l

RT: 9.18 min Scan# 2361

Delta R.T. -0.02 min

Lab File: VN050228.D

Acq: 31 Jul 2018 20:40

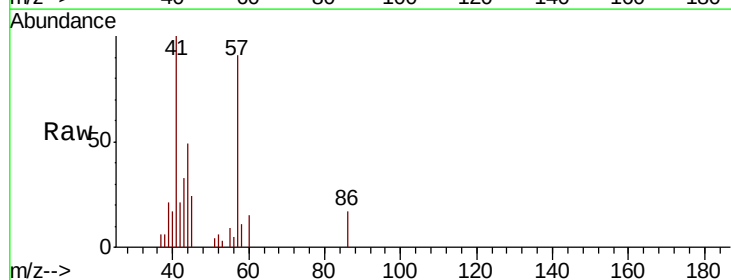
Tgt Ion: 41 Resp: 9330

Ion Ratio Lower Upper

41 100

69 0.0 70.6 105.8#

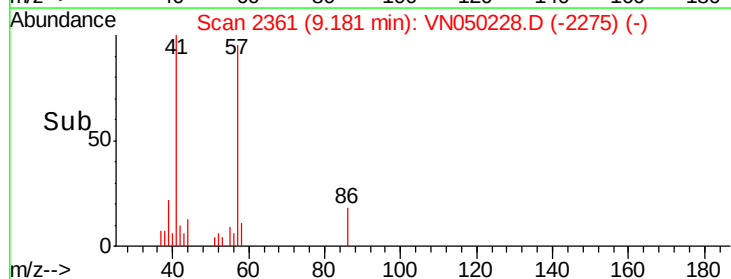
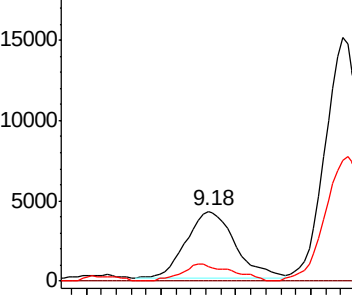
39 26.0 43.9 65.9#

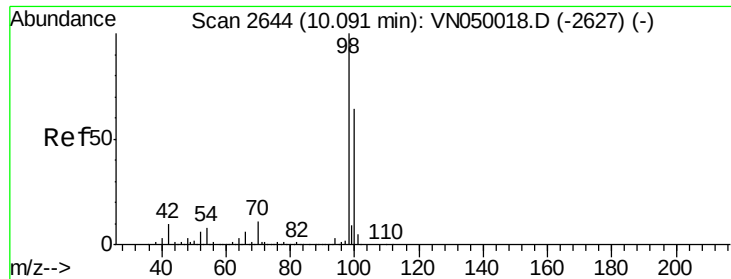


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

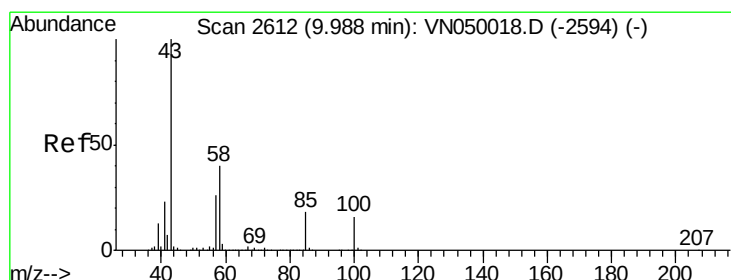
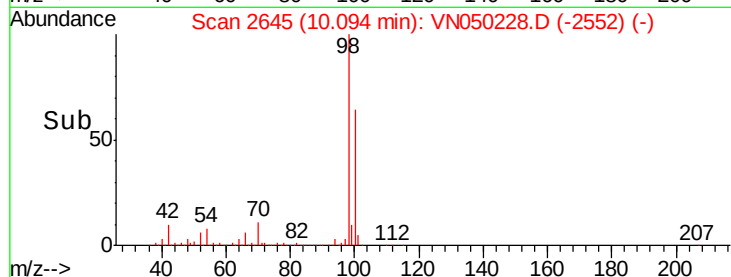
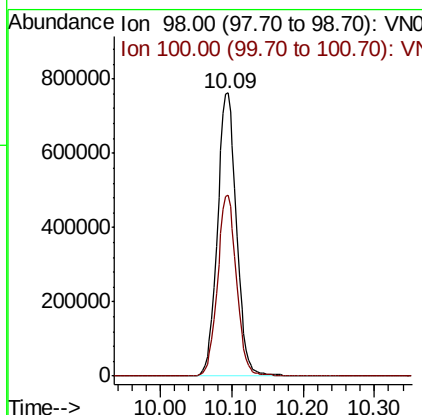
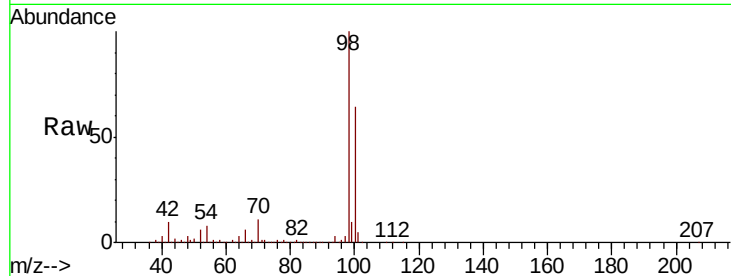




#50
Toluene-d8
Concen: 45.20 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050228.D
Acq: 31 Jul 2018 20:40

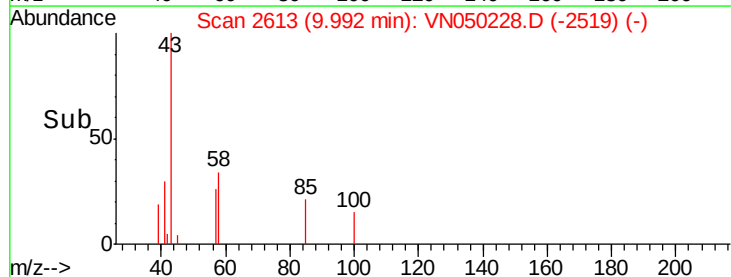
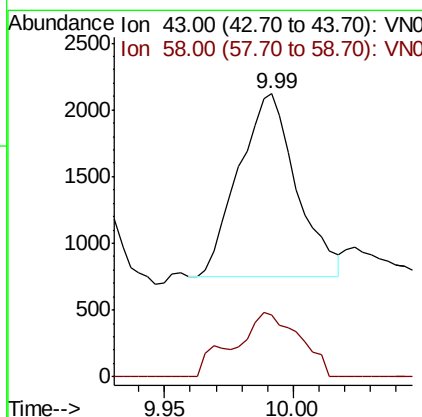
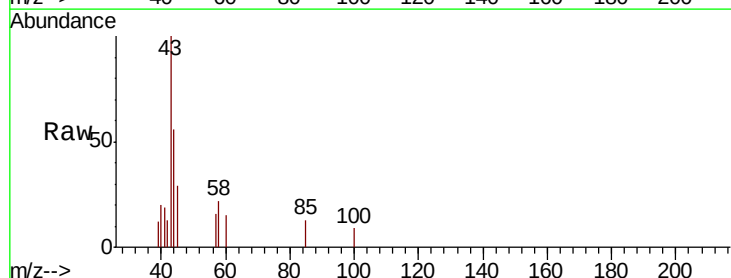
Instrument :
MSVOA_N
ClientSampleId :
OILY-STONE-CONCRETE

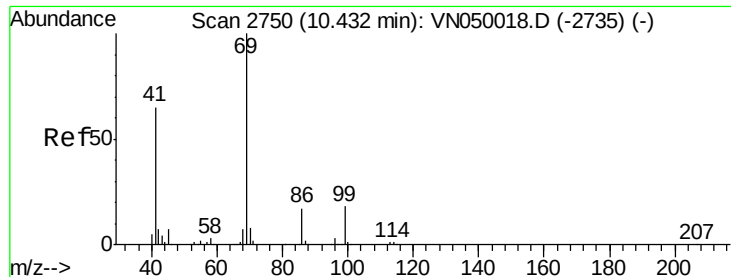
Tot Ion: 98 Resp: 1410016
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.27 ug/l
RT: 9.99 min Scan# 2613
Delta R.T. 0.00 min
Lab File: VN050228.D
Acq: 31 Jul 2018 20:40

Tgt Ion: 43 Resp: 2136
Ion Ratio Lower Upper
43 100
58 39.8 31.9 47.9





#56

Ethyl methacrylate

Concen: 2.08 ug/l

RT: 10.27 min Scan# 2699

Delta R.T. -0.16 min

Lab File: VN050228.D

Acq: 31 Jul 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONE-CONCRETE

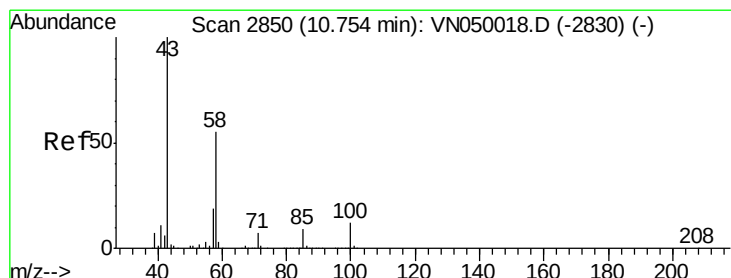
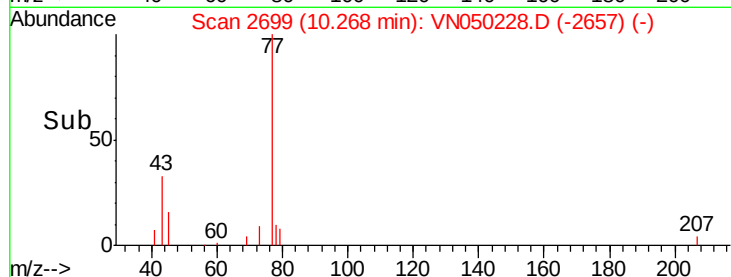
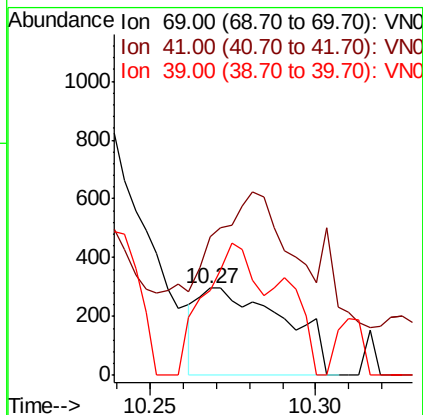
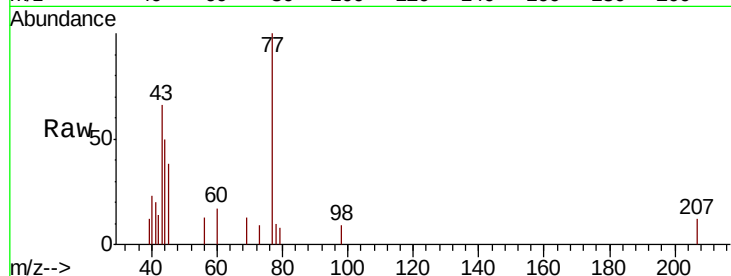
Tot Ion: 69 Resp: 533

Ion Ratio Lower Upper

69 100

41 169.8 51.0 76.4#

39 93.2 26.6 40.0#



#59

2-Hexanone

Concen: 8.06 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050228.D

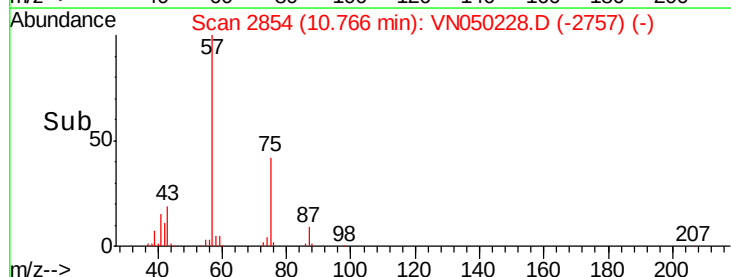
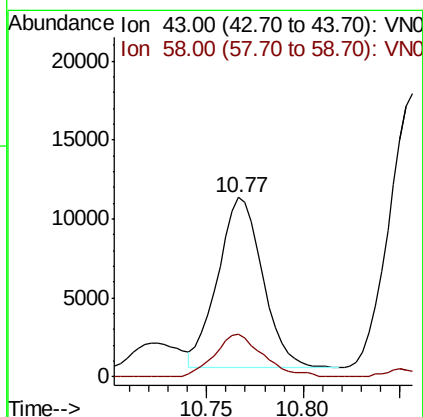
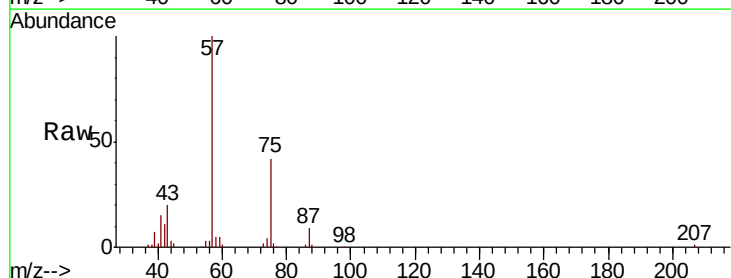
Acq: 31 Jul 2018 20:40

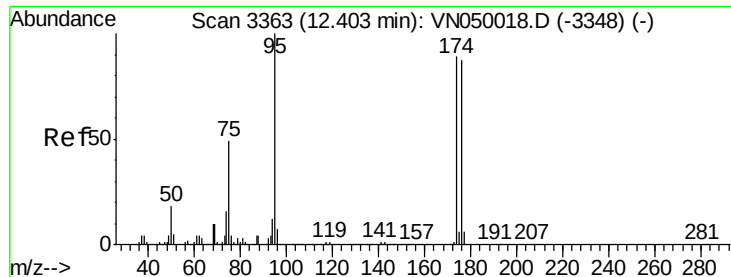
Tgt Ion: 43 Resp: 17373

Ion Ratio Lower Upper

43 100

58 27.2 27.6 82.7#





#62

4-Bromofluorobenzene

Concen: 38.66 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050228.D

Acq: 31 Jul 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONE-CONCRETE

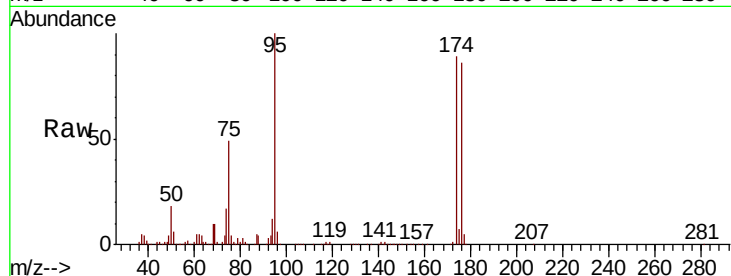
Tot Ion: 95 Resp: 397107

Ion Ratio Lower Upper

95 100

174 91.0 0.0 178.2

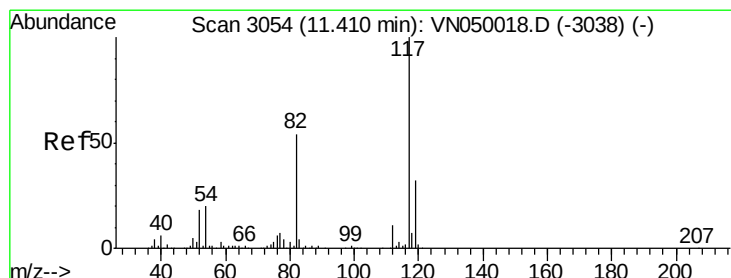
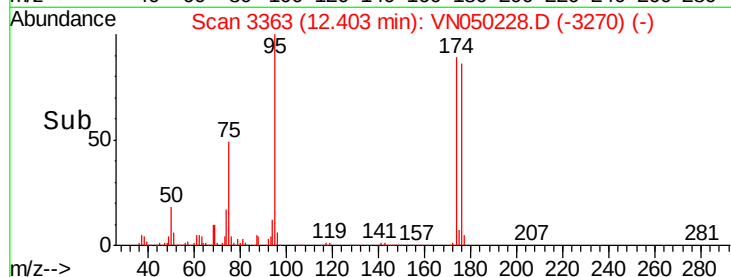
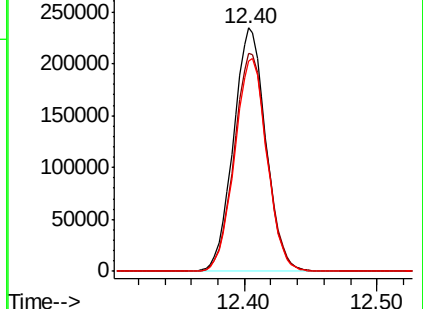
176 87.3 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050018.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050018.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050018.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050228.D

Acq: 31 Jul 2018 20:40

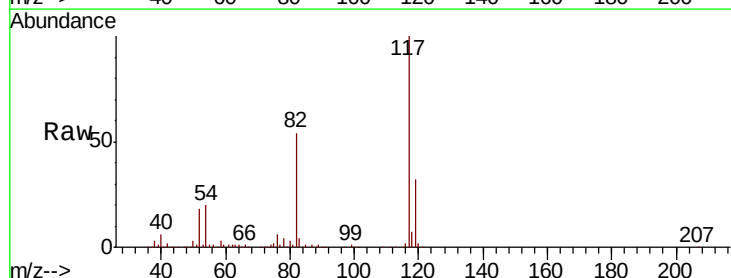
Tgt Ion: 117 Resp: 889917

Ion Ratio Lower Upper

117 100

82 53.5 43.7 65.5

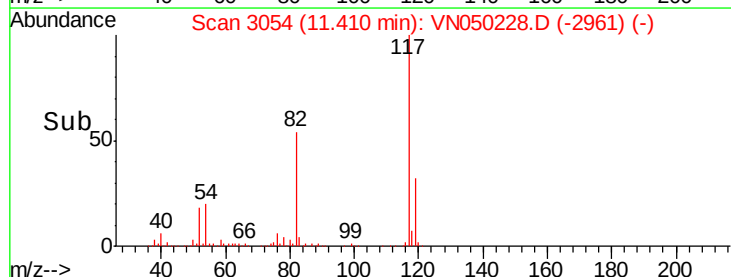
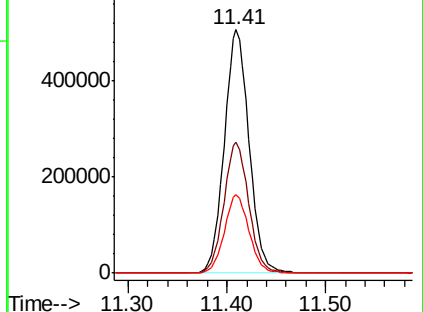
119 32.0 26.1 39.1

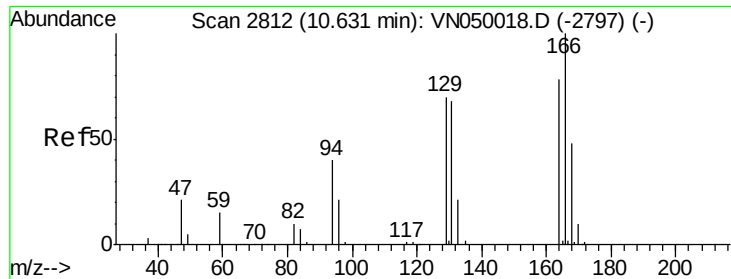


Abundance Ion 116.90 (116.60 to 117.60): VN050018.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050018.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050018.D (-3038) (-)





#64

Tetrachloroethene

Concen: 0.25 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.00 min

Lab File: VN050228.D

Acq: 31 Jul 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONE-CONCRETE

Tot Ion:164 Resp: 2130

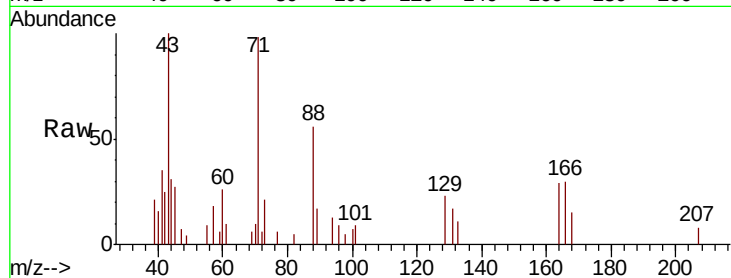
Ion Ratio Lower Upper

164 100

166 102.4 102.1 153.1

129 80.0 73.2 109.8

131 57.5 70.6 106.0#

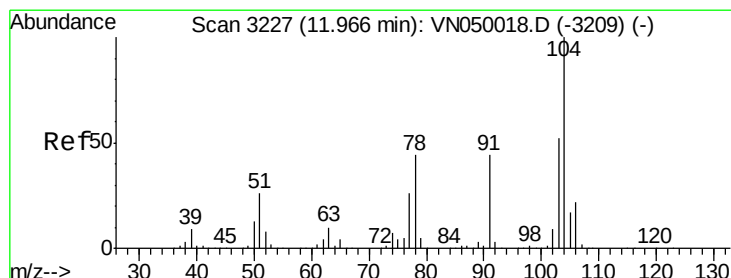
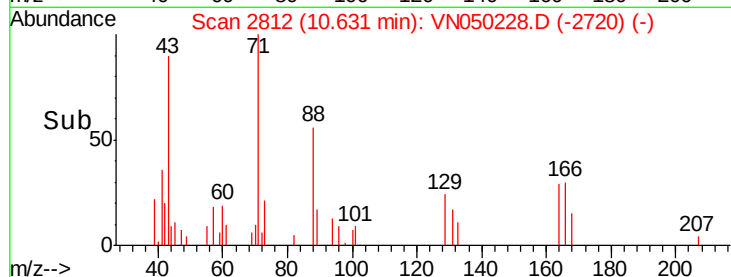
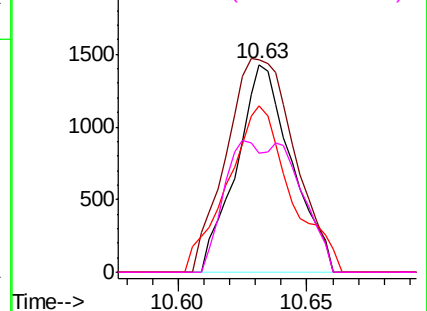


Abundance Ion 163.80 (163.50 to 164.50): V

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



#70

Styrene

Concen: 0.93 ug/l

RT: 11.96 min Scan# 3225

Delta R.T. -0.01 min

Lab File: VN050228.D

Acq: 31 Jul 2018 20:40

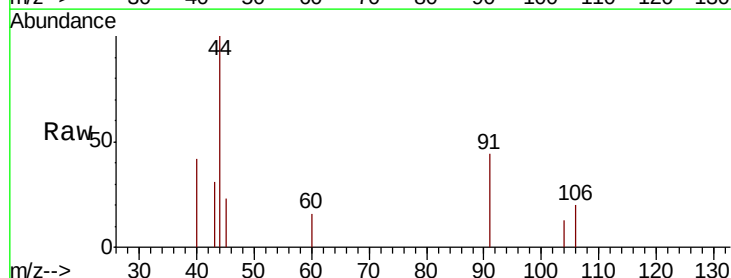
Tgt Ion:104 Resp: 66

Ion Ratio Lower Upper

104 100

78 0.0 39.3 58.9#

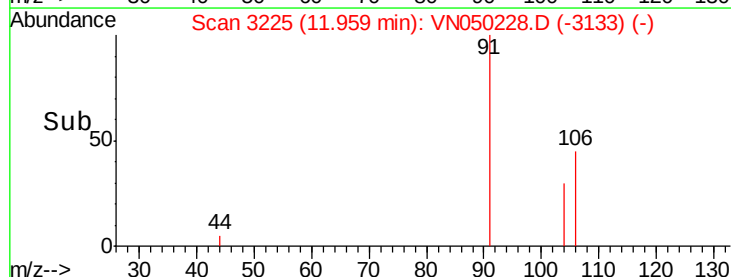
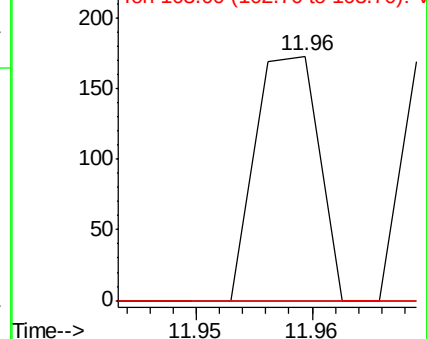
103 0.0 45.0 67.6#

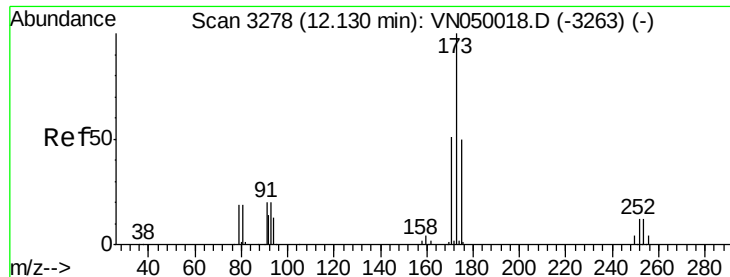


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.21 ug/l

RT: 12.40 min Scan# 3361

Delta R.T. 0.27 min

Lab File: VN050228.D

Acq: 31 Jul 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONE-CONCRETE

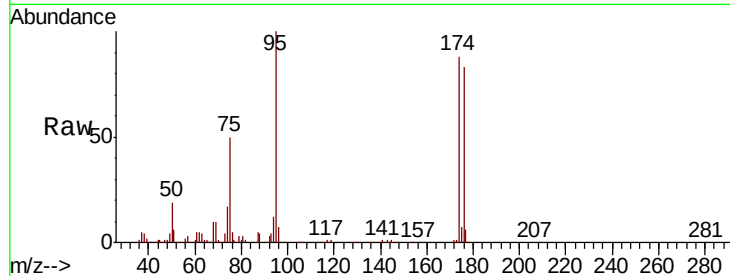
Tot Ion:173 Resp: 1333

Ion Ratio Lower Upper

173 100

175 1744.6 24.1 72.2#

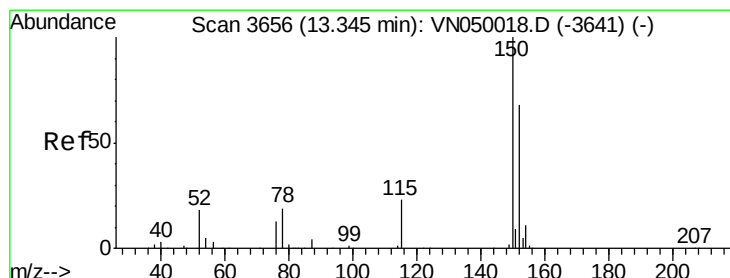
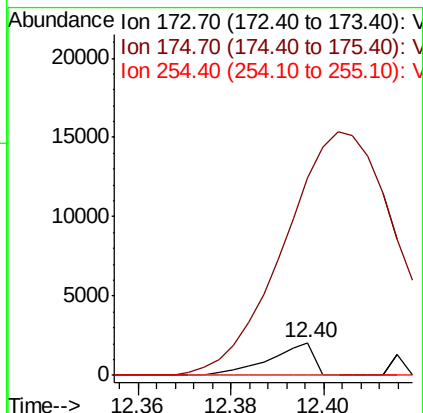
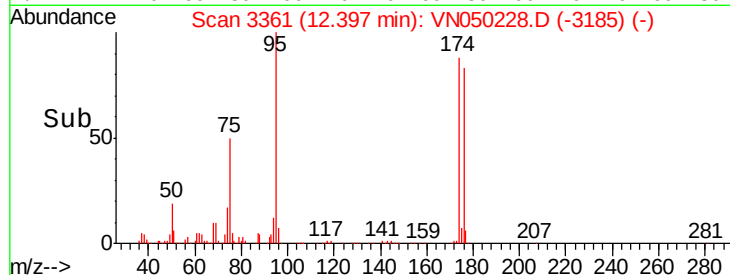
254 0.0 0.2 0.2#



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: VN050228.D

Acq: 31 Jul 2018 20:40

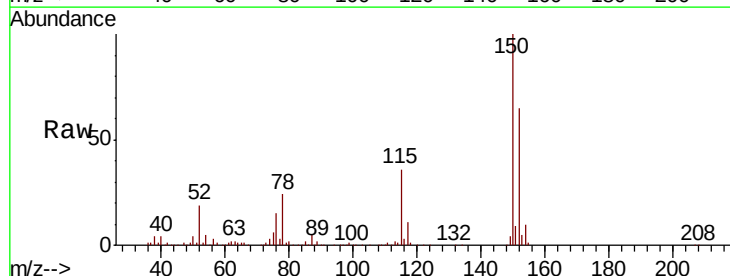
Tgt Ion:152 Resp: 342659

Ion Ratio Lower Upper

152 100

115 56.2 27.8 83.3

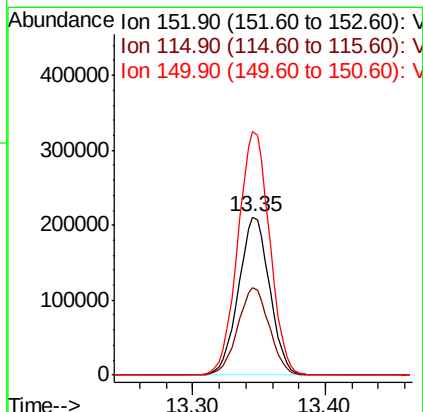
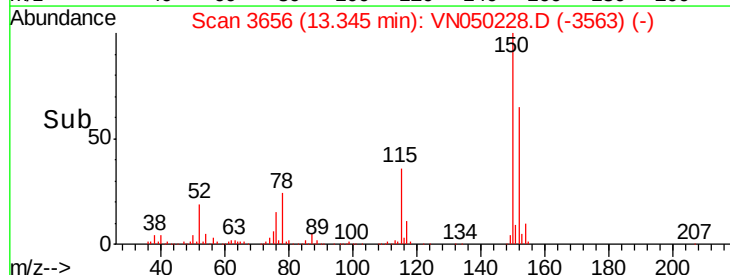
150 157.6 0.0 348.6

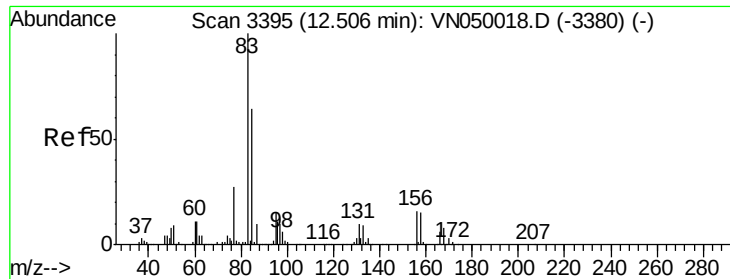


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3365

Delta R.T. -0.10 min

Lab File: VN050228.D

Acq: 31 Jul 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONE-CONCRETE

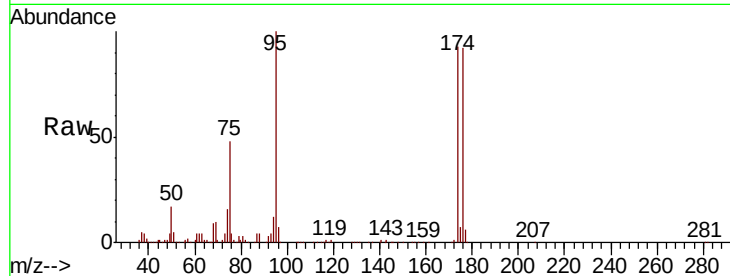
Tot Ion: 83 Resp: 176

Ion Ratio Lower Upper

83 100

131 268.8 5.1 15.3#

85 0.0 32.3 96.8#

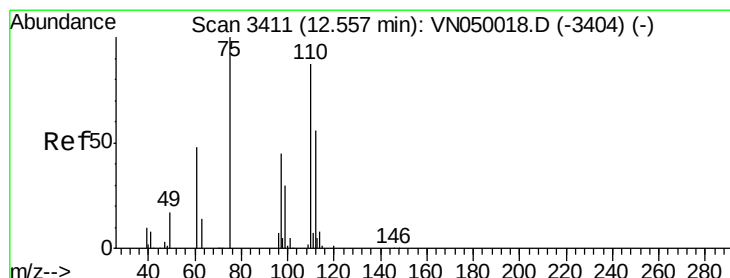
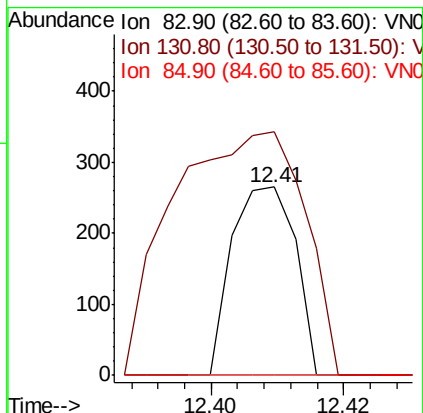
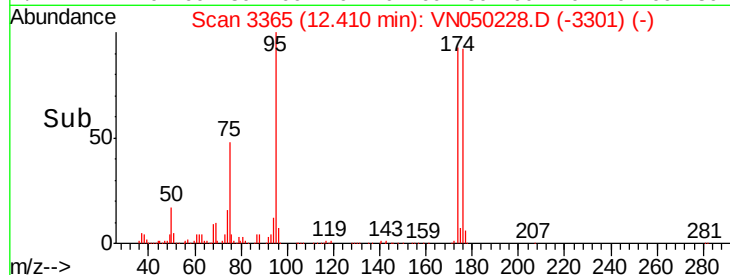


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO

Time-->



#76

1,2,3-Trichloropropane

Concen: 30.13 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050228.D

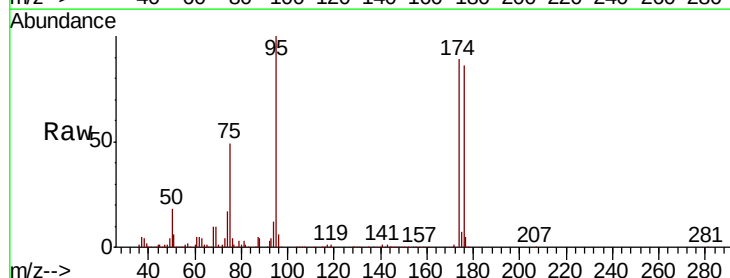
Acq: 31 Jul 2018 20:40

Tgt Ion: 75 Resp: 191858

Ion Ratio Lower Upper

75 100

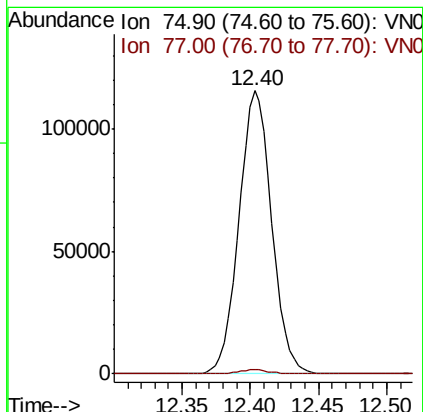
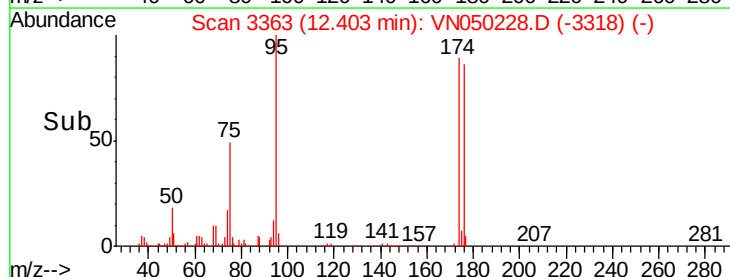
77 1.3 0.0 0.0#

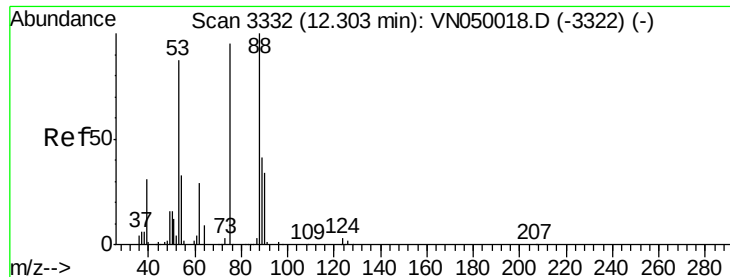


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 95.56 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050228.D

Acq: 31 Jul 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONE-CONCRETE

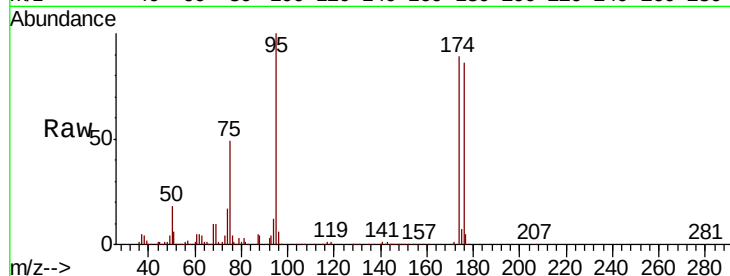
Tot Ion: 75 Resp: 191858

Ion Ratio Lower Upper

75 100

53 0.1 73.5 110.3#

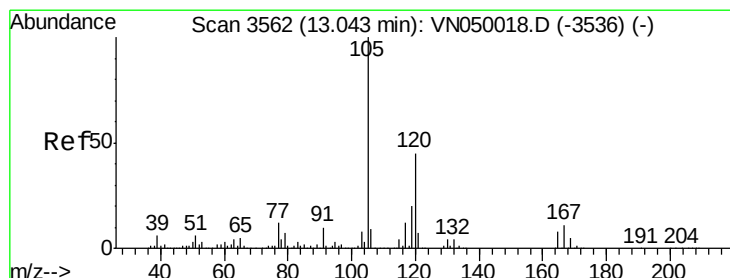
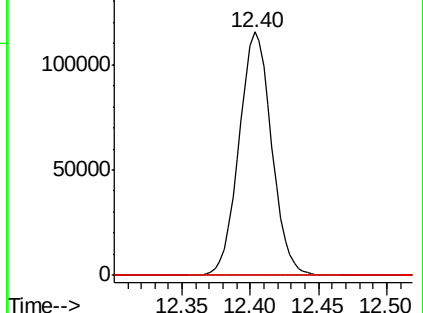
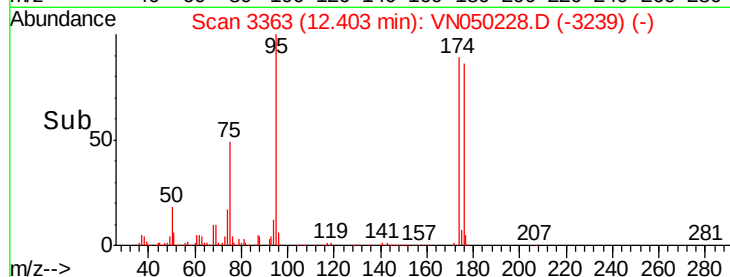
89 0.0 36.0 54.0#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.25 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050228.D

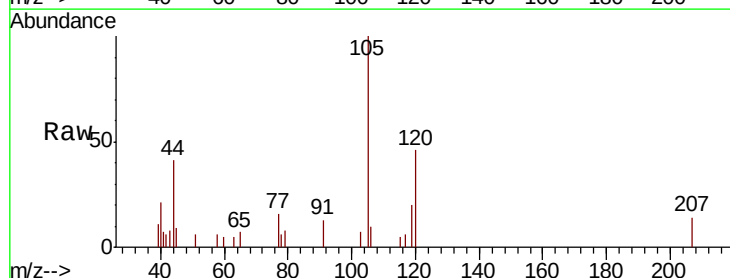
Acq: 31 Jul 2018 20:40

Tgt Ion: 105 Resp: 5346

Ion Ratio Lower Upper

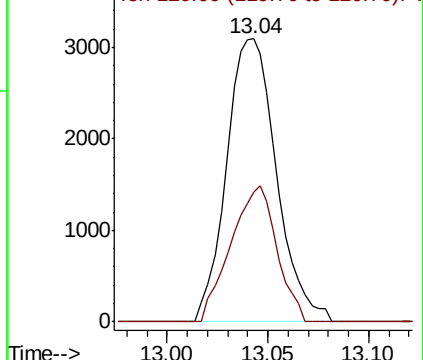
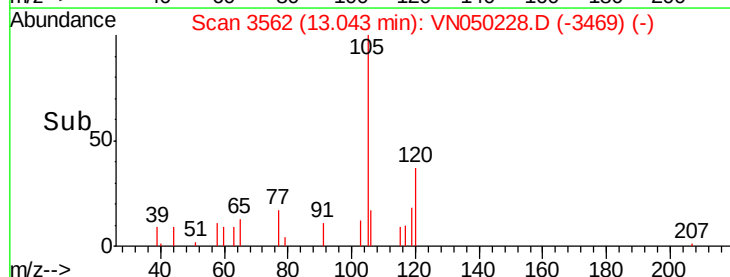
105 100

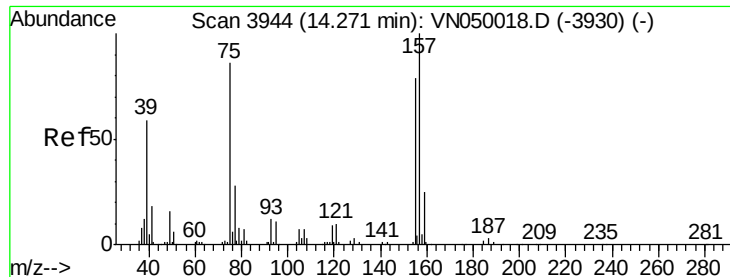
120 44.3 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.43 min Scan# 3994

Delta R.T. 0.16 min

Lab File: VN050228.D

Acq: 31 Jul 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONE-CONCRETE

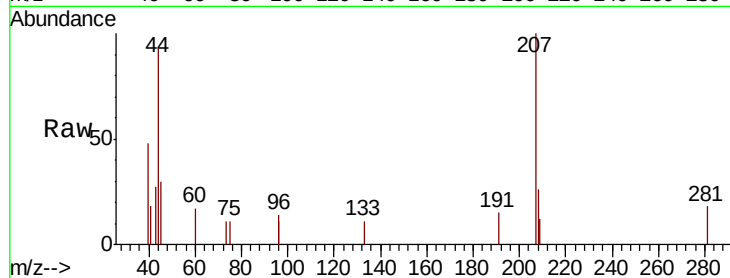
Tot Ion: 75 Resp: 29

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

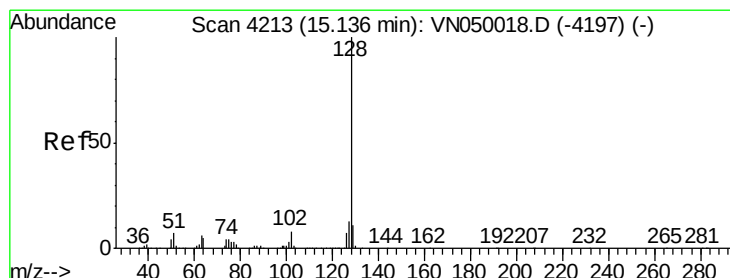
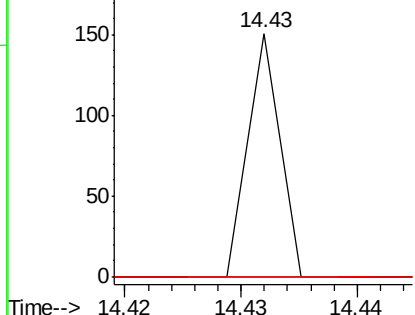
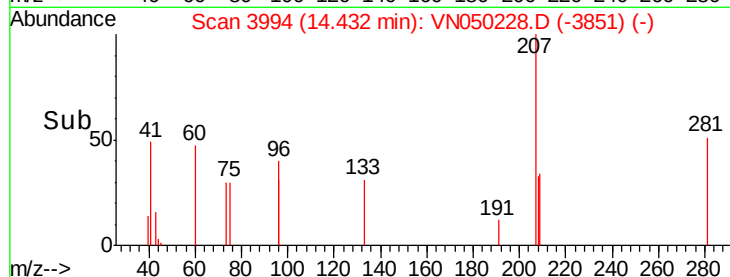
157 0.0 57.2 171.6#



Abundance Ion 74.90 (74.60 to 75.60): VN050228.D (-3851) (-)

Ion 154.80 (154.50 to 155.50): VN050228.D (-3851) (-)

Ion 156.80 (156.50 to 157.50): VN050228.D (-3851) (-)



#95

Naphthalene

Concen: 7.94 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050228.D

Acq: 31 Jul 2018 20:40

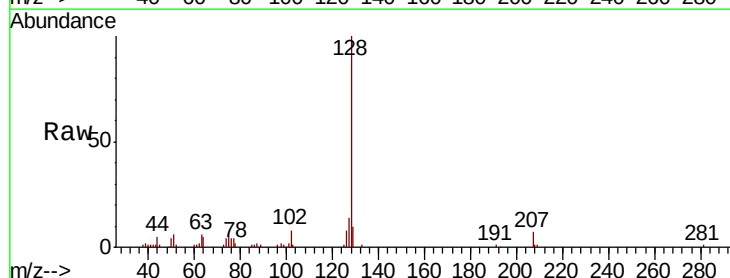
Tgt Ion: 128 Resp: 60439

Ion Ratio Lower Upper

128 100

127 13.9 10.4 15.6

129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): VN050228.D (-4120) (-)

Ion 127.00 (126.70 to 127.70): VN050228.D (-4120) (-)

Ion 129.00 (128.70 to 129.70): VN050228.D (-4120) (-)

