

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053486.D
 Acq On : 18 Jan 2019 21:31
 Operator : JC/SP
 Sample : K1180-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES

Quant Time: Jan 19 00:26:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	866858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1367177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1283954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	563687	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	451824	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
35) Dibromofluoromethane	7.59	113	407577	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
50) Toluene-d8	10.09	98	1693635	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.40	95	579635	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	

Target Compounds

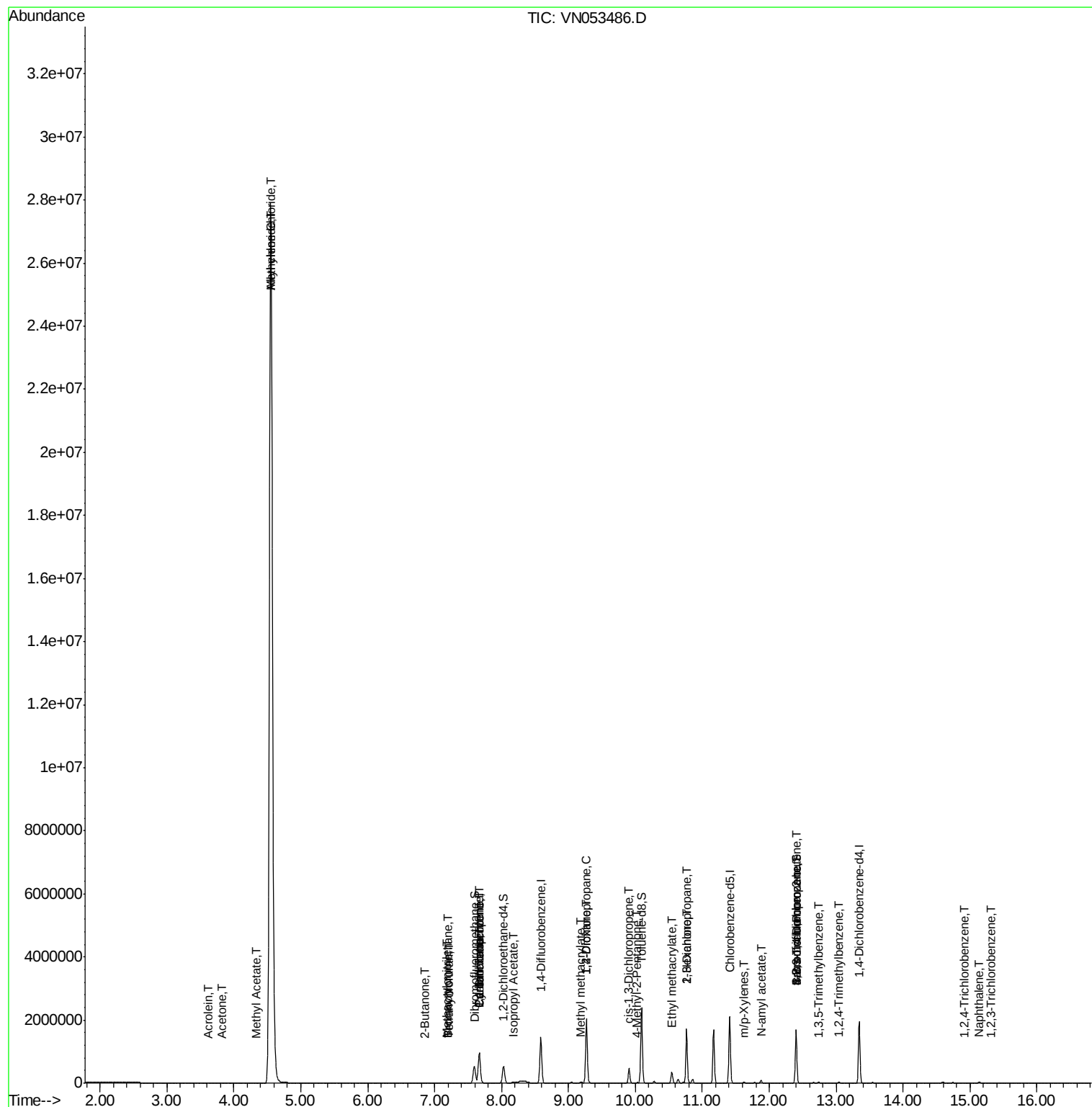
						Qvalue
13) Acrolein	3.61	56	101	22.850	ug/l #	14
14) Allyl chloride	4.55	41	838615	66.896	ug/l #	27
16) Acetone	3.82	43	10274	5.111	ug/l	97
18) Methyl Acetate	4.32	43	3409	0.503	ug/l #	79
20) Methylene Chloride	4.55	84	22485287	2449.988	ug/l	99
25) 2-Butanone	6.84	43	1058	0.342	ug/l #	47
28) Bromochloromethane	7.20	49	9348	1.372	ug/l #	97
29) Tetrahydrofuran	7.22	42	1586	0.786	ug/l #	49
31) Cyclohexane	7.67	56	14253	0.726	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	56931	4.572	ug/l #	49
38) Carbon Tetrachloride	7.67	117	75279	6.386	ug/l #	16
41) Methacrylonitrile	7.17	41	62	0.682	ug/l #	20
43) Isopropyl Acetate	8.17	43	47690	3.702	ug/l #	80
45) 1,2-Dichloropropane	9.27	63	2500	0.249	ug/l #	43
48) Methyl methacrylate	9.18	41	13470	2.025	ug/l #	12
49) 1,4-Dioxane	9.27	88	155	2.386	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	13746	1.955	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	88369	6.142	ug/l #	62
56) Ethyl methacrylate	10.55	69	1296	2.166	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	18233	1.301	ug/l #	43
59) 2-Hexanone	10.76	43	240865	48.797	ug/l #	50
68) m/p-Xylenes	11.62	106	6368	0.364	ug/l	90
71) Bromoform	12.40	173	3932	0.604	ug/l #	1
74) N-ethyl acetate	11.88	43	23814	2.164	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	270123	36.364	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	12738	0.379	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	270123	89.899	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	20895	0.617	ug/l	99
93) 1,2,4-Trichlorobenzene	14.91	180	861	2.871	ug/l #	77
95) Naphthalene	15.13	128	31482	6.067	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	847	4.042	ug/l	89

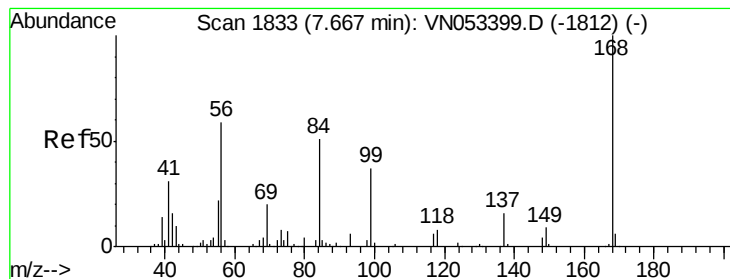
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053486.D

Acq: 18 Jan 2019 21:31

Instrument :

MSVOA_N

ClientSampleId :

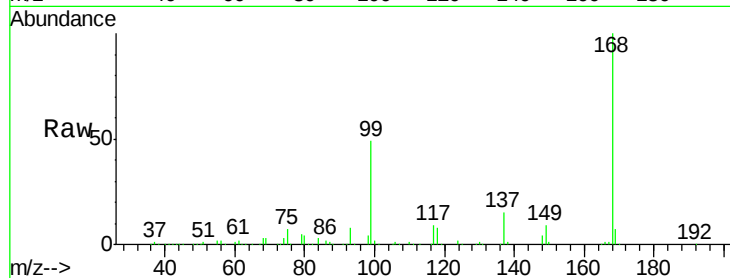
OILY-STONES

Tot Ion:168 Resp: 866858

Ion Ratio Lower Upper

168 100

99 48.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053399.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN053399.D (-1812) (-)

7.67

400000

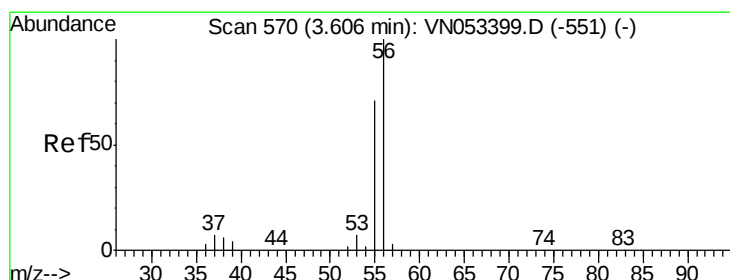
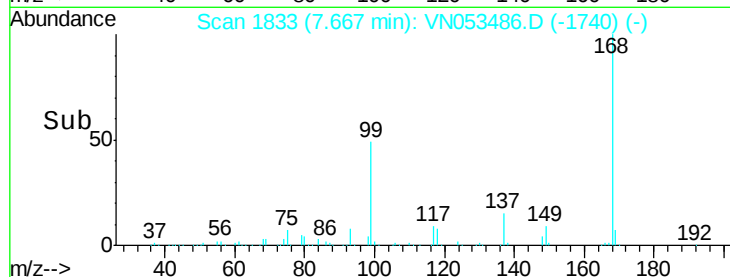
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 22.850 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053486.D

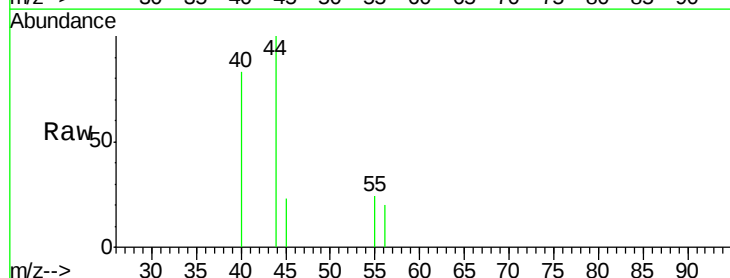
Acq: 18 Jan 2019 21:31

Tgt Ion: 56 Resp: 101

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.0#



Abundance Ion 56.00 (55.70 to 56.70): VN053399.D (-551) (-)

Ion 55.00 (54.70 to 55.70): VN053399.D (-551) (-)

3.61

400

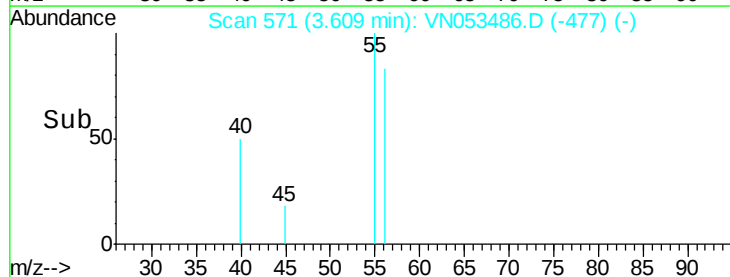
300

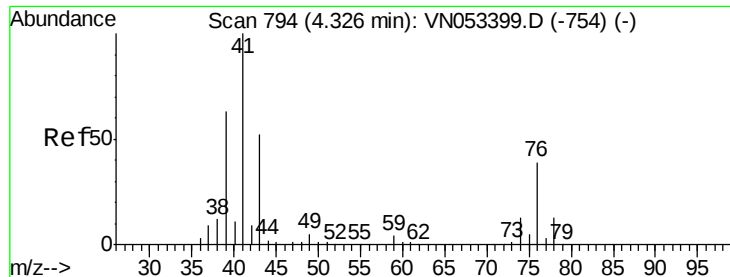
200

100

0

Time-->





#14

Allvl chloride

Concen: 66.896 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.23 min

Lab File: VN053486.D

Acq: 18 Jan 2019 21:31

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

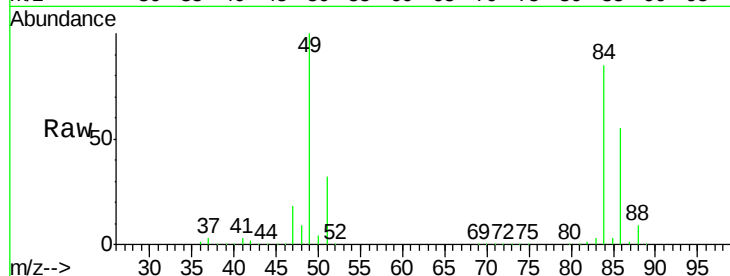
Tot Ion: 41 Resp: 838615

Ion Ratio Lower Upper

41 100

39 0.3 48.9 73.3#

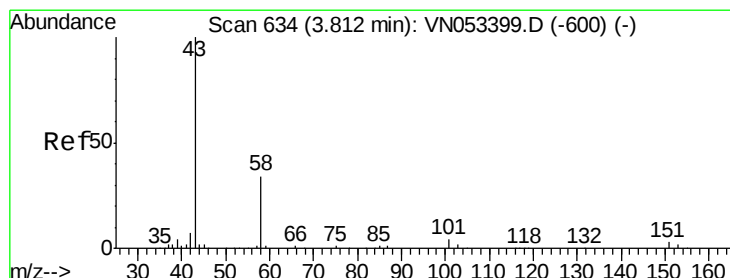
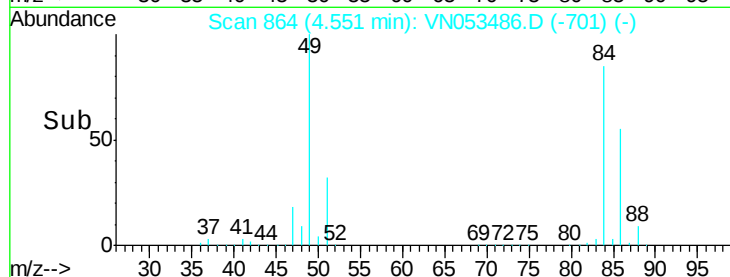
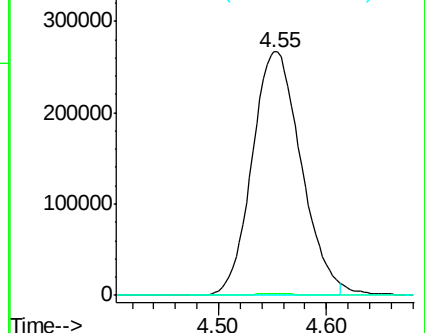
76 0.0 29.4 44.2#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



#16

Acetone

Concen: 5.111 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053486.D

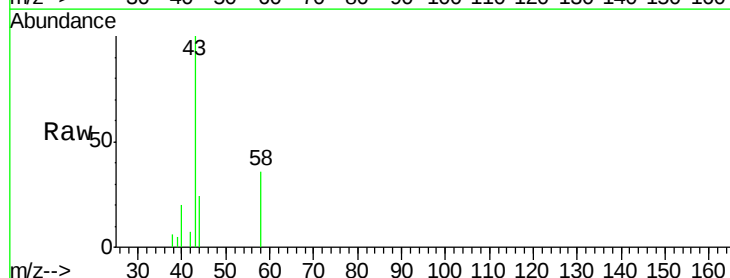
Acq: 18 Jan 2019 21:31

Tgt Ion: 43 Resp: 10274

Ion Ratio Lower Upper

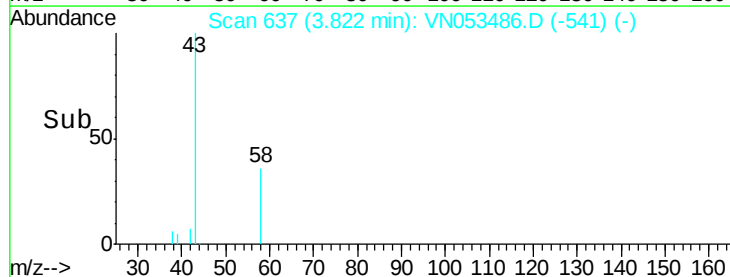
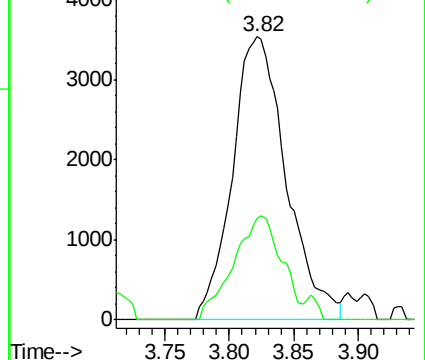
43 100

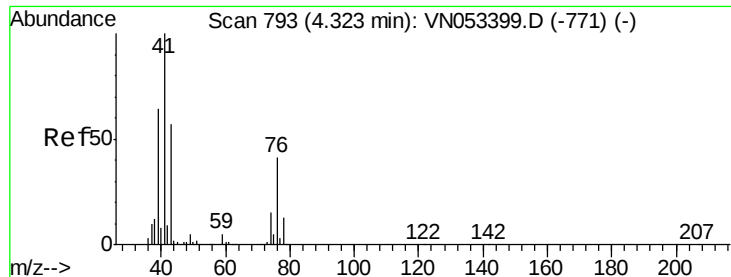
58 35.9 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#18

Methyl Acetate

Concen: 0.503 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN053486.D

Acq: 18 Jan 2019 21:31

Instrument :

MSVOA_N

ClientSampleId :

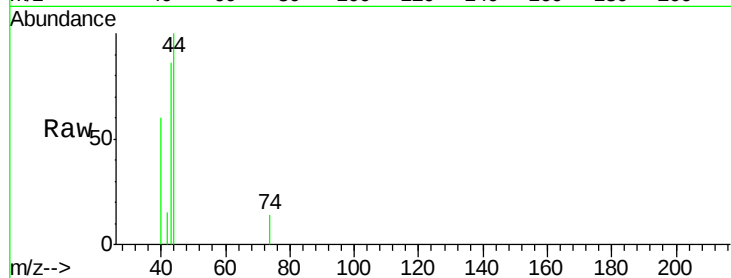
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Tot Ion: 43 Resp: 3409

Ion Ratio Lower Upper

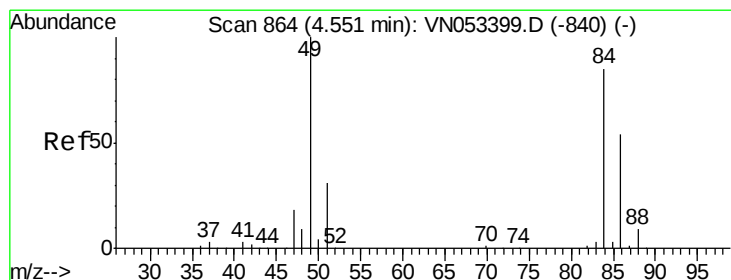
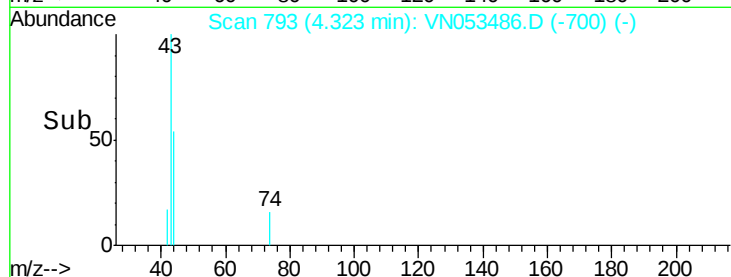
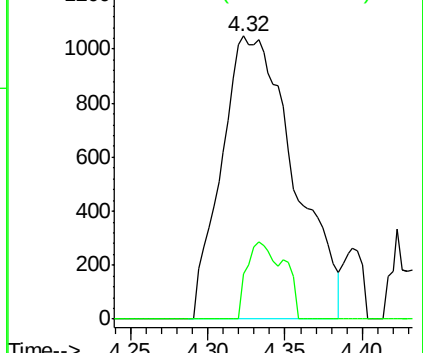
43 100

74 13.9 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#20

Methylene Chloride

Concen: 2449.988 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN053486.D

Acq: 18 Jan 2019 21:31

Tgt Ion: 84 Resp: 22485287

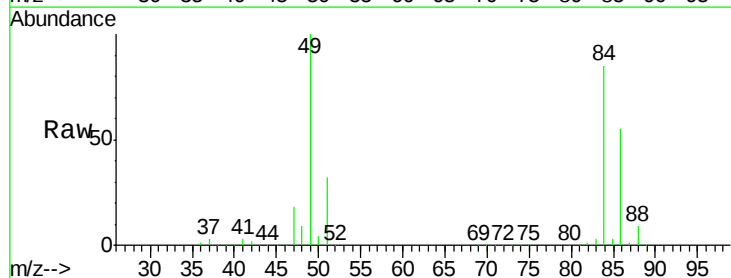
Ion Ratio Lower Upper

84 100

49 118.0 94.3 141.5

51 37.6 29.4 44.2

86 65.0 51.4 77.0

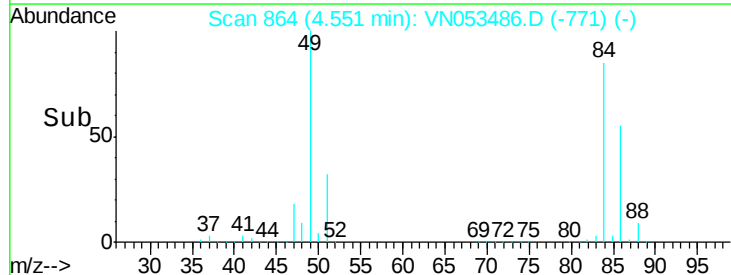
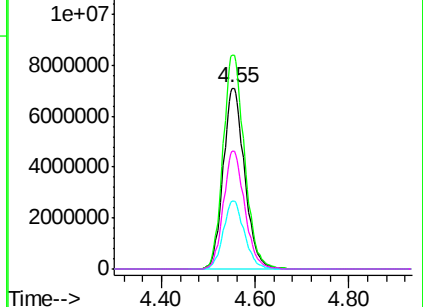


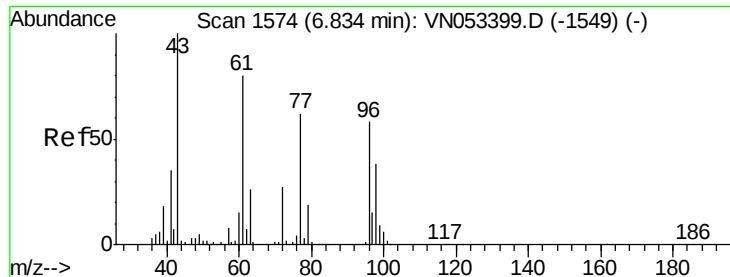
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#25

2-Butanone

Concen: 0.342 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.01 min

Lab File: VN053486.D

Acq: 18 Jan 2019 21:31

Instrument :

MSVOA_N

ClientSampled :

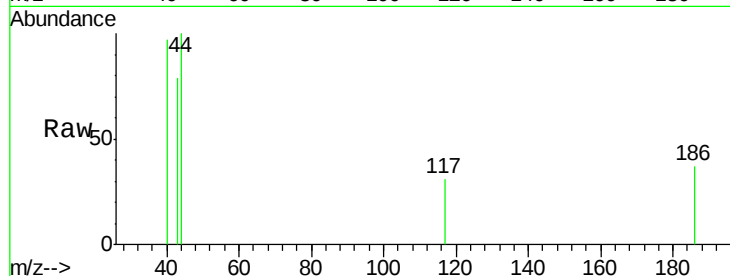
OILY-STONES

Tot Ion: 43 Resp: 1058

Ion Ratio Lower Upper

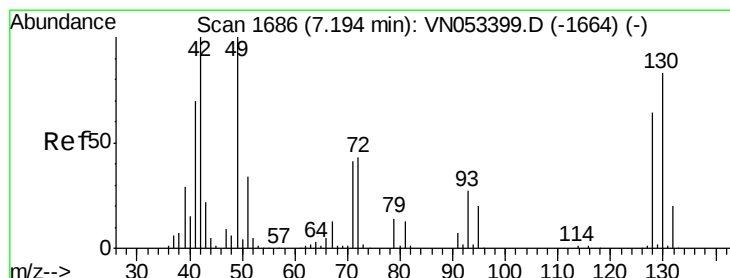
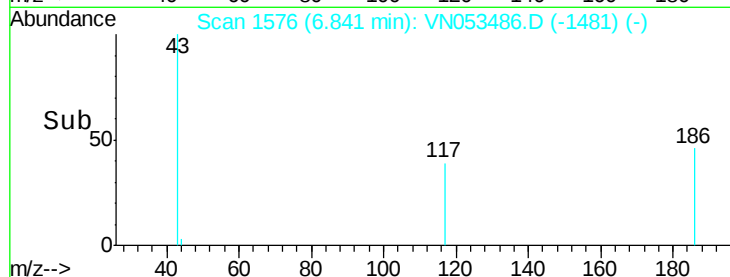
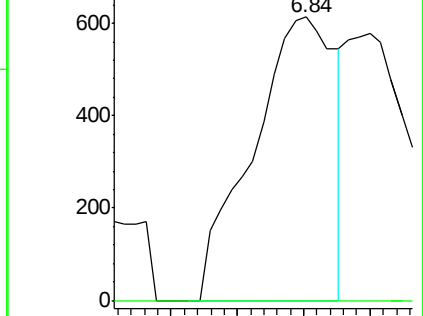
43 100

72 0.0 22.0 33.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#28

Bromochloromethane

Concen: 1.372 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.01 min

Lab File: VN053486.D

Acq: 18 Jan 2019 21:31

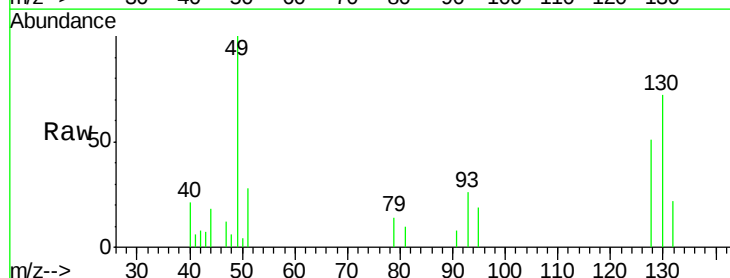
Tgt Ion: 49 Resp: 9348

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

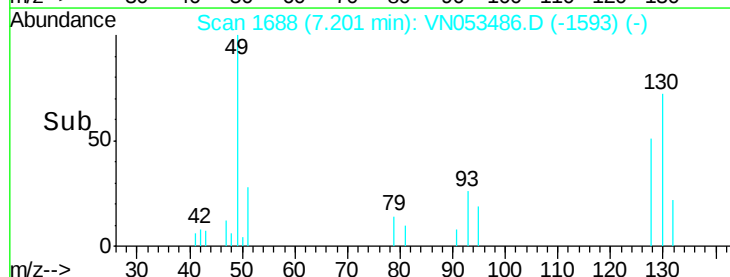
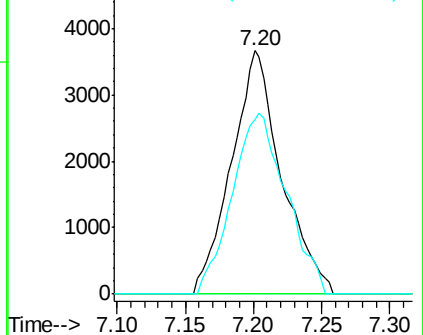
130 80.0 66.3 99.5

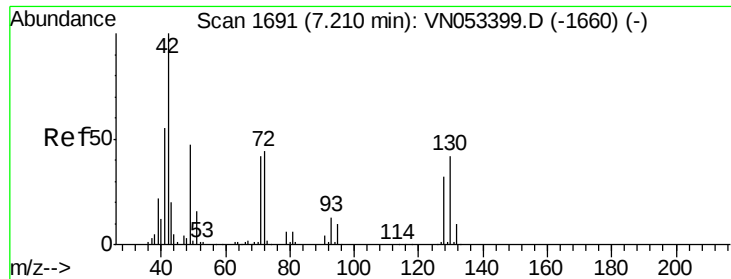


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

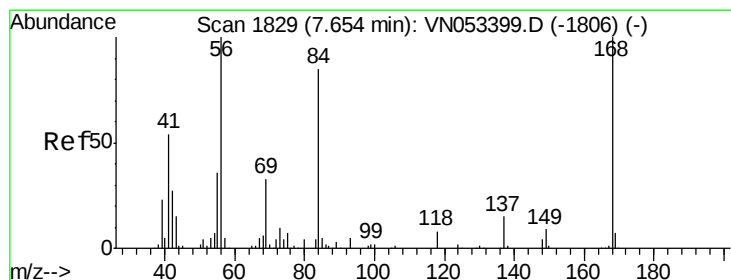
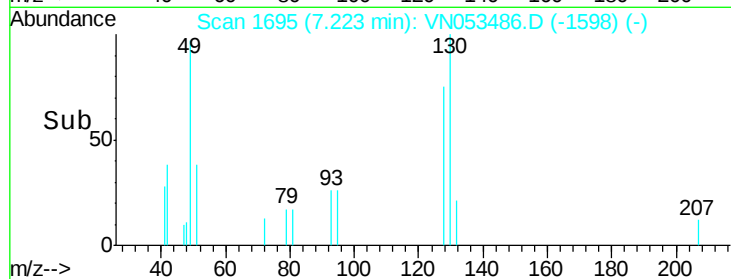
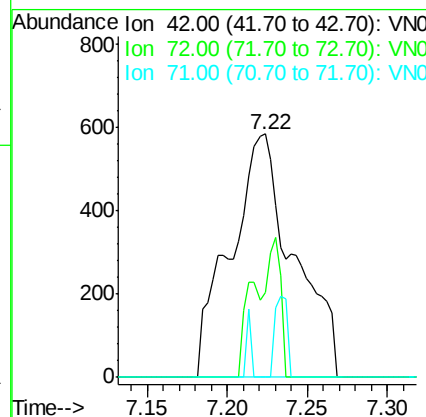
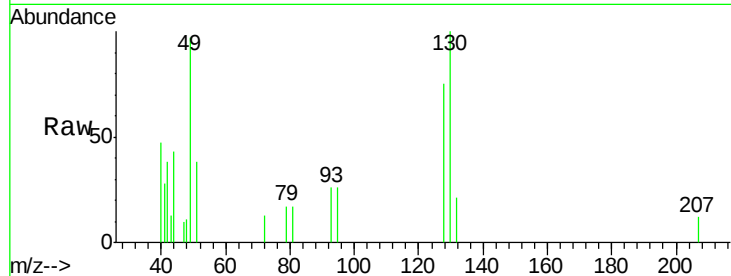




#29
Tetrahydrofuran
Concen: 0.786 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN053486.D
Acq: 18 Jan 2019 21:31

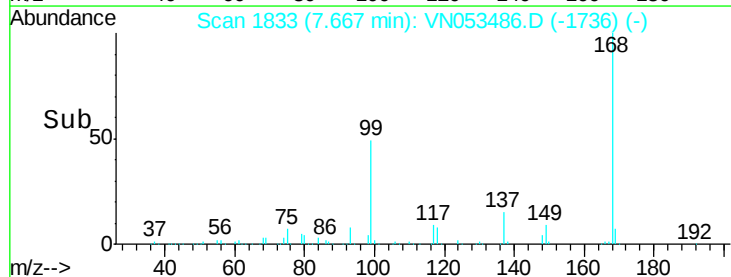
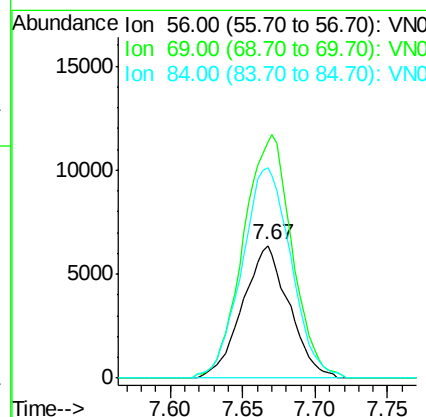
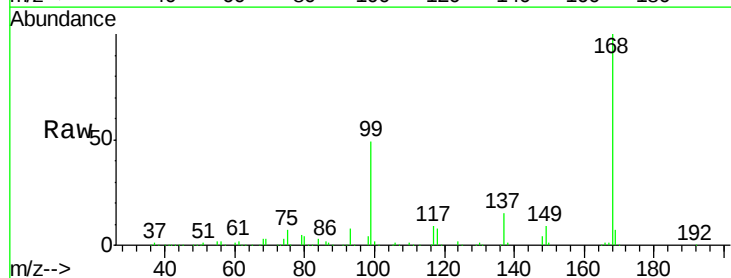
Instrument :
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OILY-STONES

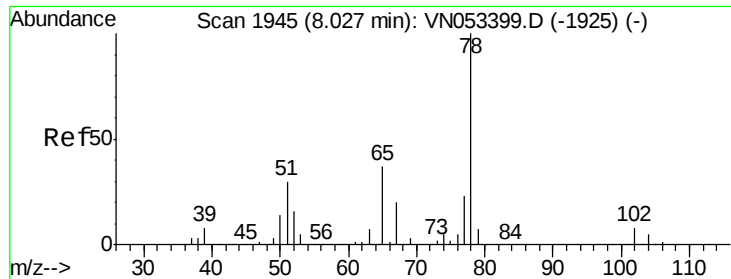
Tot Ion: 42 Resp: 1586
Ion Ratio Lower Upper
42 100
72 13.2 35.2 52.8#
71 6.7 33.0 49.4#



#31
Cyclohexane
Concen: 0.726 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN053486.D
Acq: 18 Jan 2019 21:31

Tgt Ion: 56 Resp: 14253
Ion Ratio Lower Upper
56 100
69 178.2 26.4 39.6#
84 158.2 67.9 101.9#

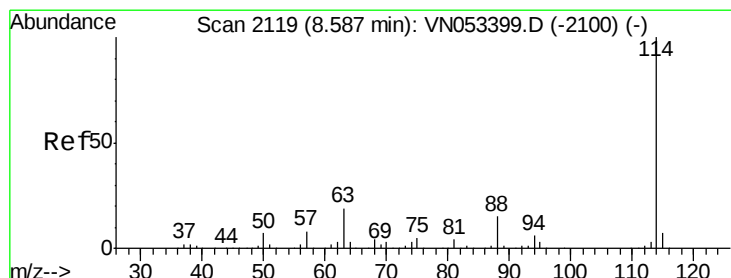
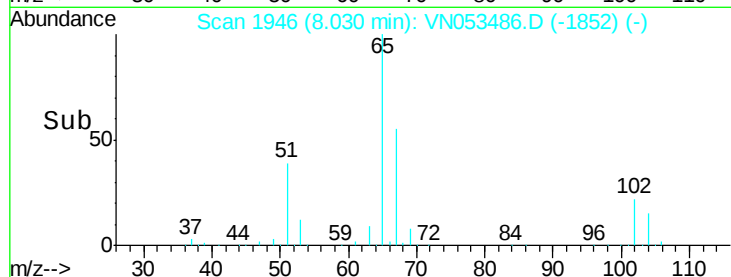
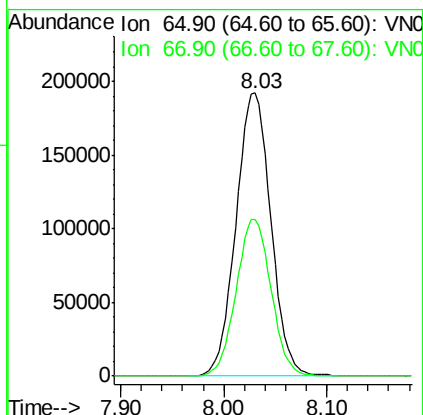
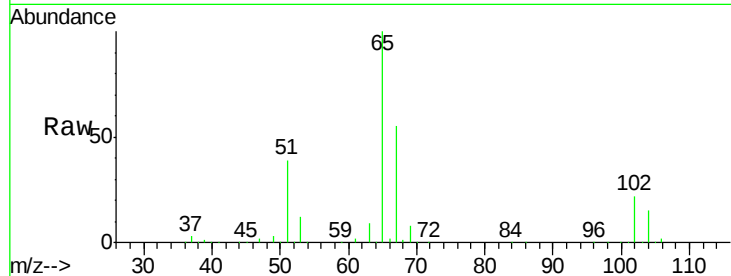




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN053486.D
 Acq: 18 Jan 2019 21:31

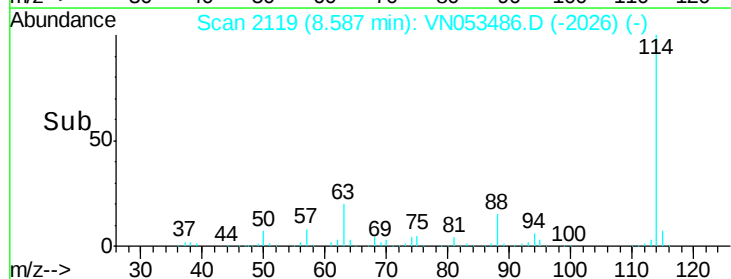
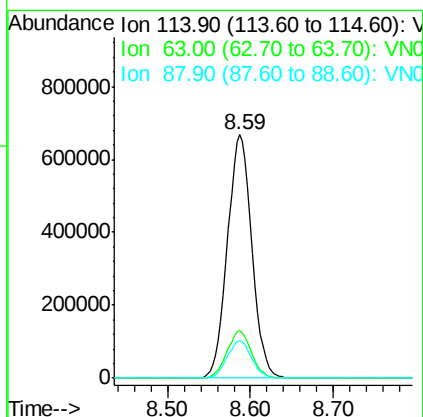
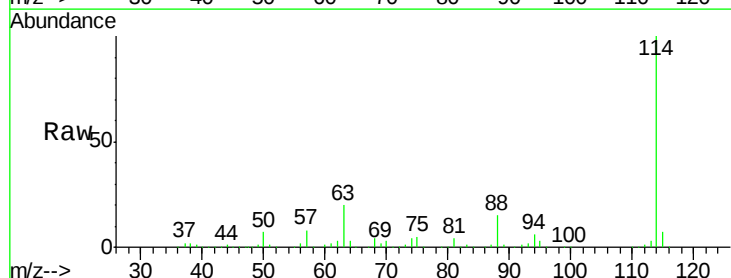
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES

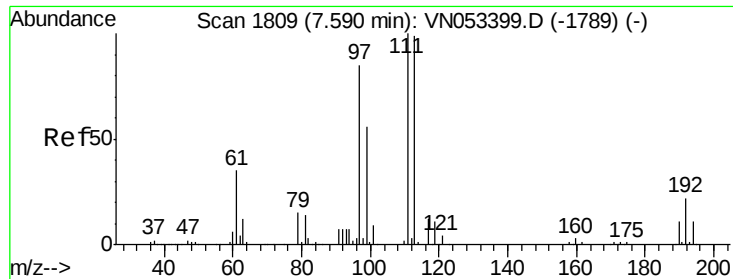
Tot Ion: 65 Resp: 451824
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053486.D
 Acq: 18 Jan 2019 21:31

Tgt Ion:114 Resp: 1367177
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053486.D

Acq: 18 Jan 2019 21:31

Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES

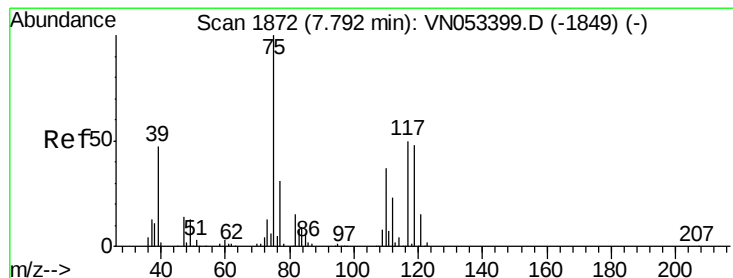
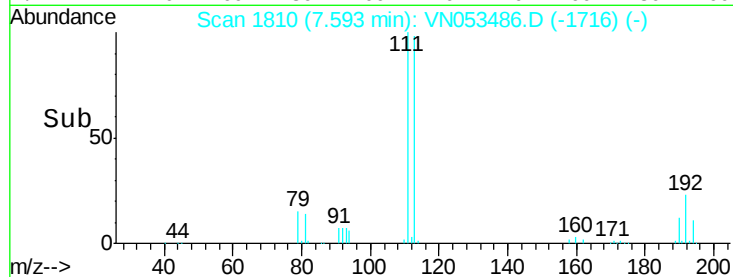
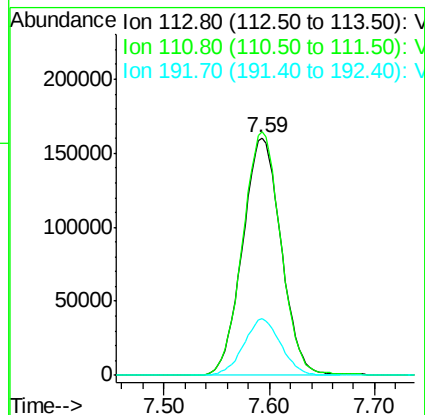
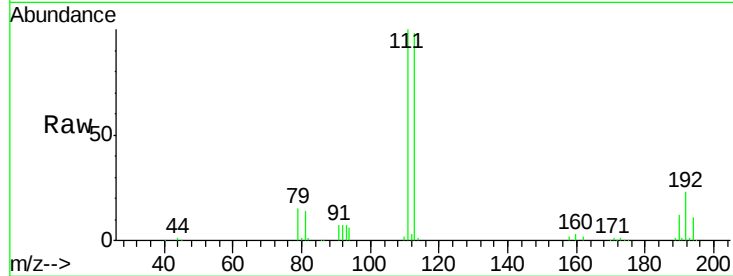
Tot Ion:113 Resp: 407577

Ion Ratio Lower Upper

113 100

111 101.9 81.1 121.7

192 23.0 18.2 27.2



#36

1,1-Dichloropropene

Concen: 4.572 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053486.D

Acq: 18 Jan 2019 21:31

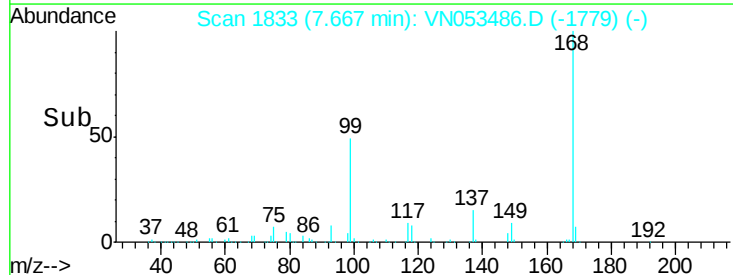
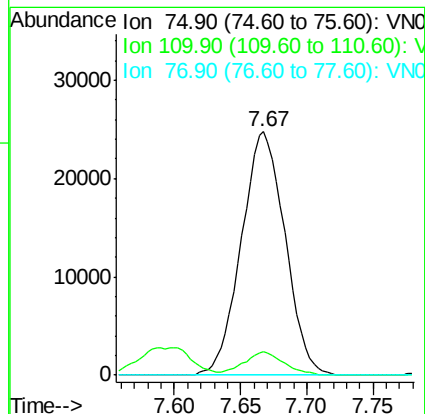
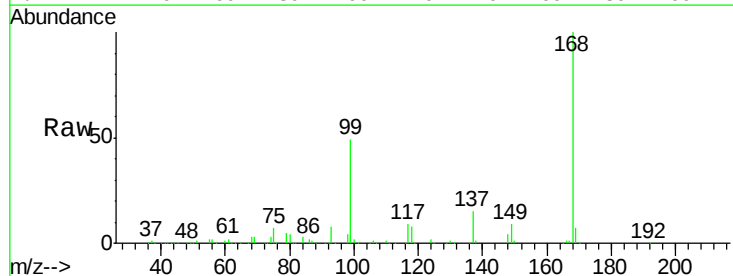
Tgt Ion: 75 Resp: 56931

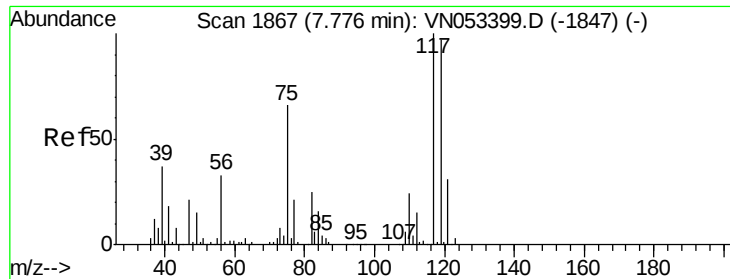
Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.3#

77 0.0 25.1 37.7#

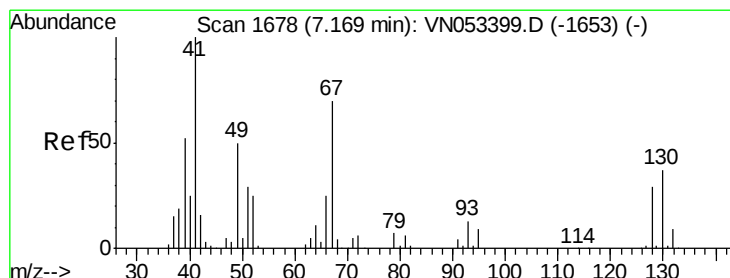
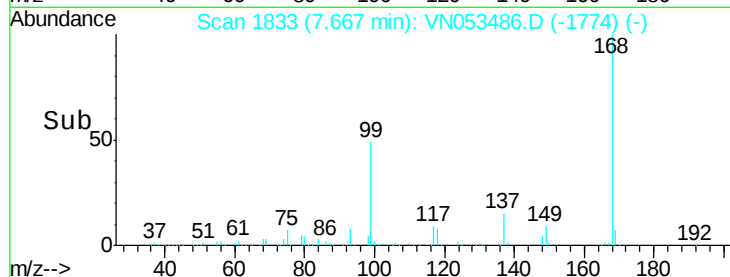
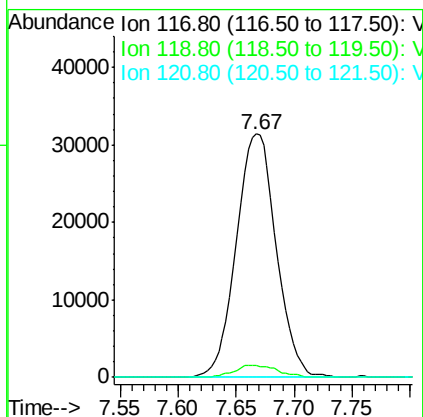
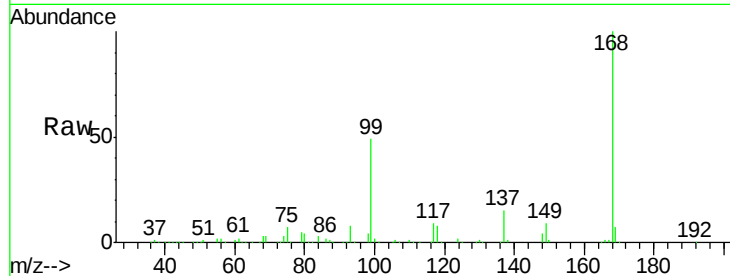




#38
Carbon Tetrachloride
Concen: 6.386 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053486.D
Acq: 18 Jan 2019 21:31

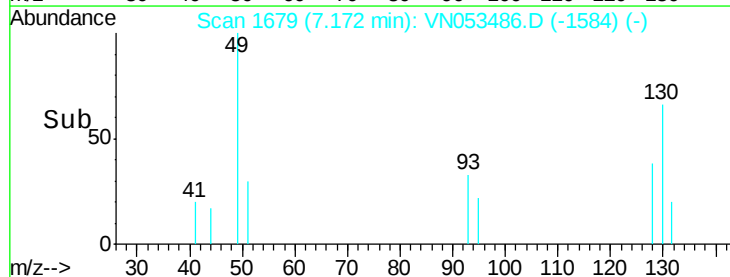
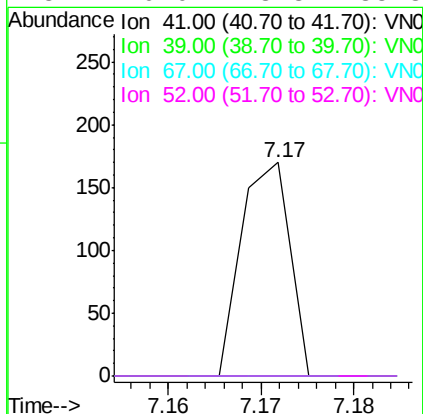
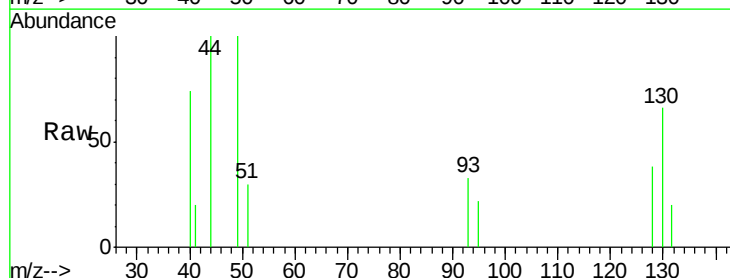
Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES

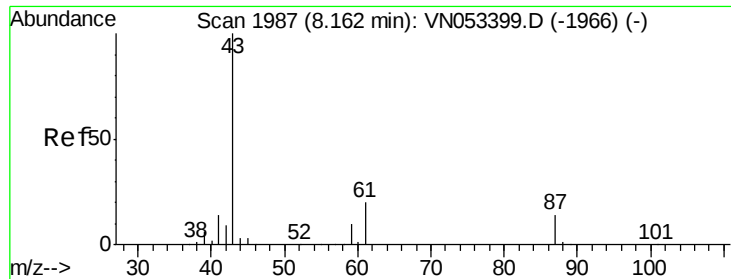
Tot Ion:117 Resp: 75279
Ion Ratio Lower Upper
117 100
119 4.9 77.2 115.8#
121 0.0 24.6 37.0#



#41
Methacrylonitrile
Concen: 0.682 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN053486.D
Acq: 18 Jan 2019 21:31

Tgt Ion: 41 Resp: 62
Ion Ratio Lower Upper
41 100
39 0.0 46.8 70.2#
67 0.0 63.0 94.6#
52 0.0 23.8 35.8#





#43

Isopropyl Acetate

Concen: 3.702 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053486.D

Acq: 18 Jan 2019 21:31

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

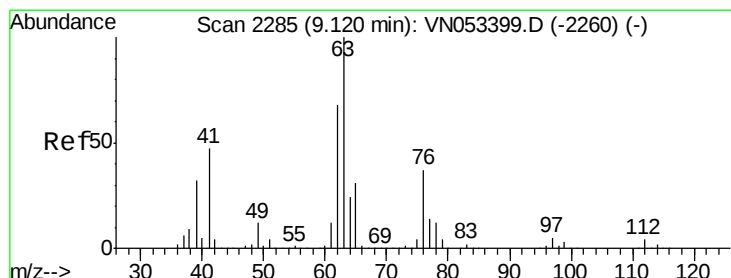
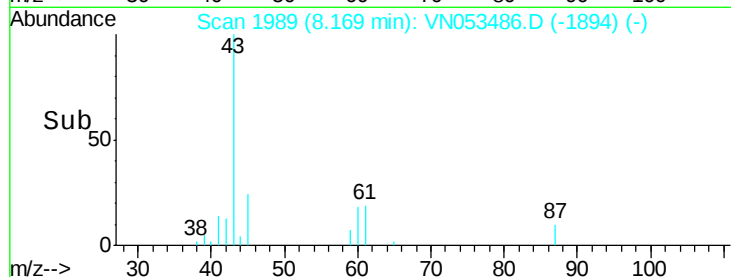
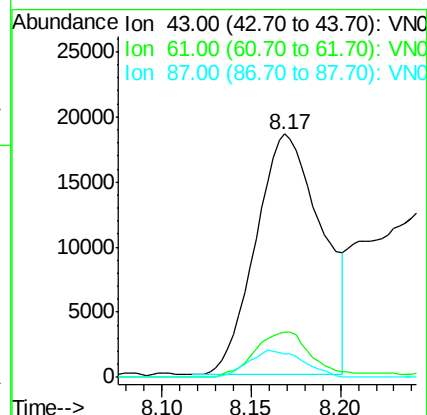
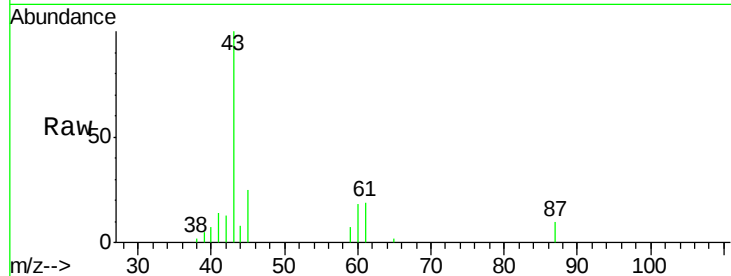
Tot Ion: 43 Resp: 47690

Ion Ratio Lower Upper

43 100

61 16.5 23.9 35.9#

87 9.4 11.0 16.6#



#45

1,2-Dichloropropane

Concen: 0.249 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN053486.D

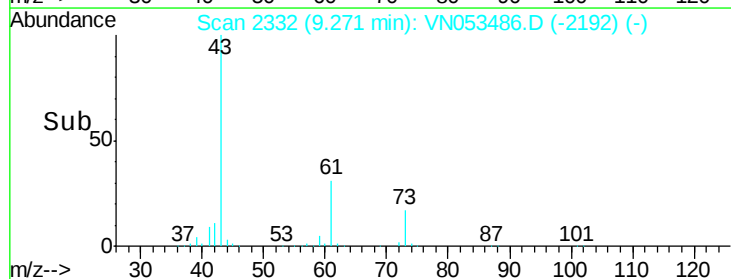
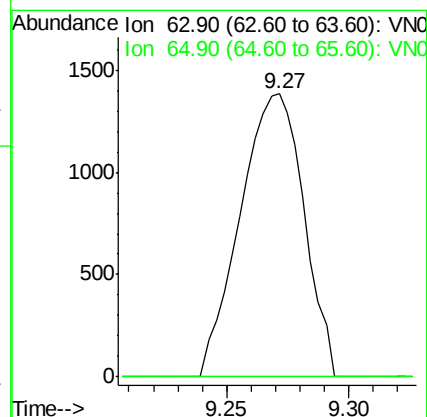
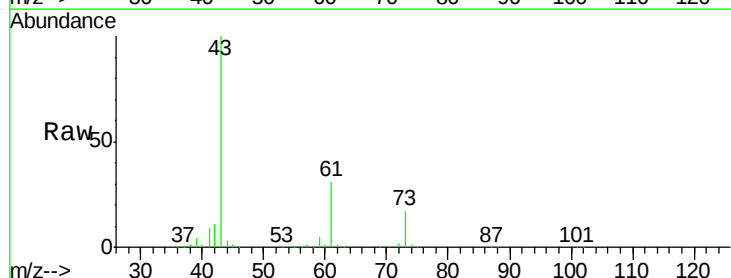
Acq: 18 Jan 2019 21:31

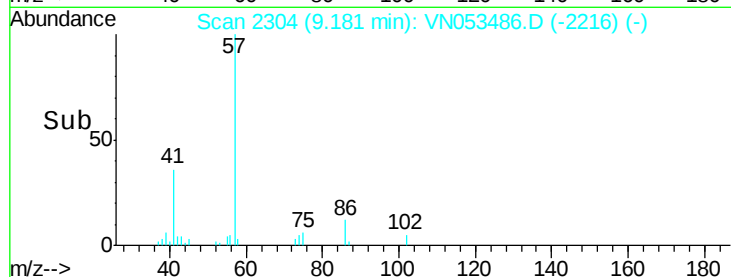
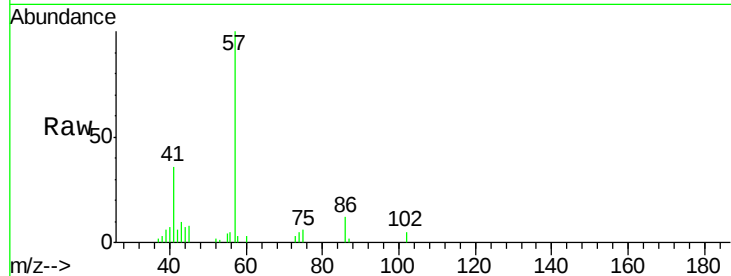
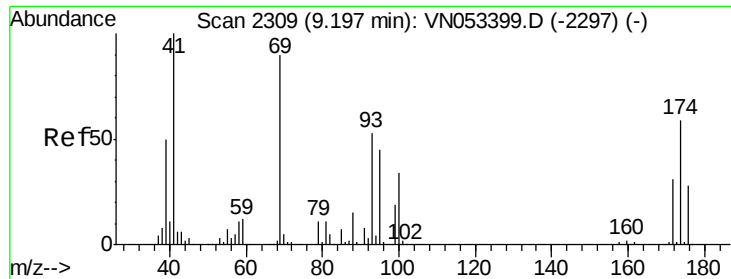
Tgt Ion: 63 Resp: 2500

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.4#

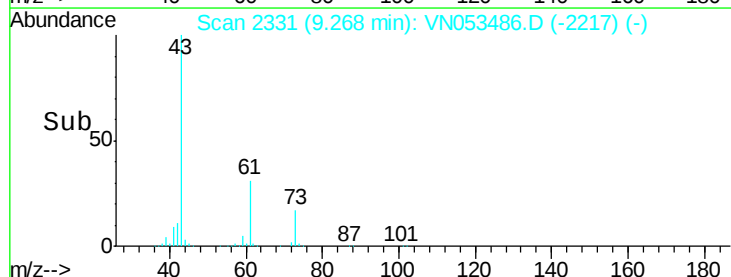
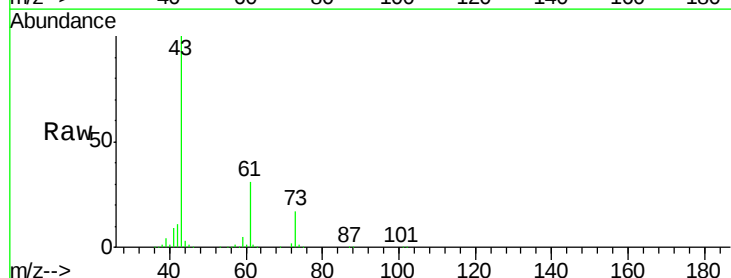
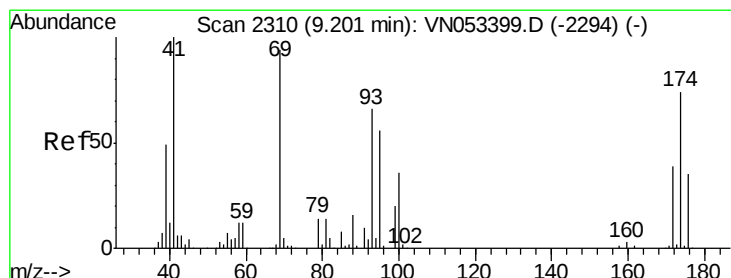
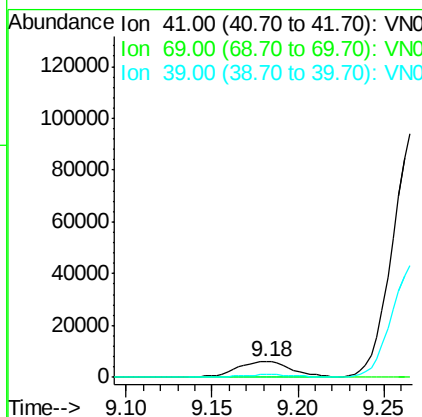




#48
Methyl methacrylate
Concen: 2.025 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN053486.D
Acq: 18 Jan 2019 21:31

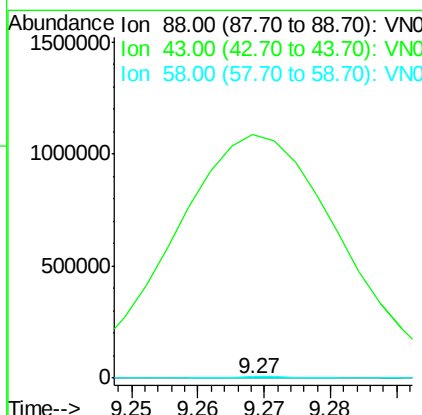
Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES

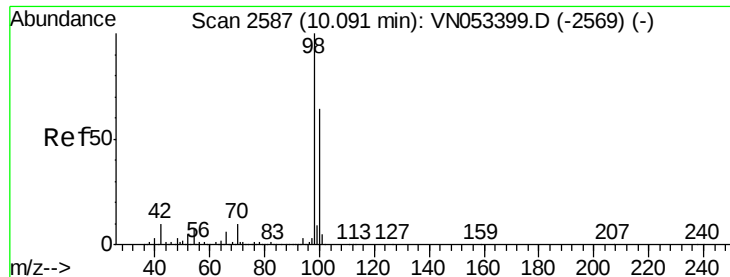
Tot Ion: 41 Resp: 13470
Ion Ratio Lower Upper
41 100
69 0.0 73.8 110.6#
39 0.0 40.0 60.0#



#49
1,4-Dioxane
Concen: 2.386 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN053486.D
Acq: 18 Jan 2019 21:31

Tgt Ion: 88 Resp: 155
Ion Ratio Lower Upper
88 100
43 1283898.1 27.8 41.6#
58 6077.4 56.5 84.7#





#50

Toluene-d8

Concen: 2.386 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053486.D

Acq: 18 Jan 2019 21:31

Instrument :

MSVOA_N

ClientSampled :

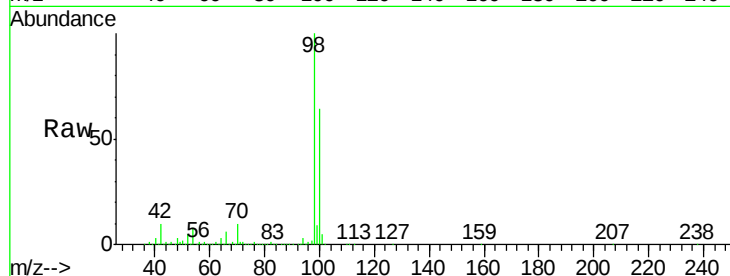
OILY-STONES

Tot Ion: 98 Resp: 1693635

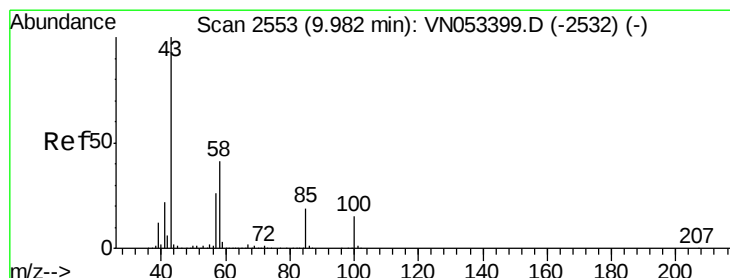
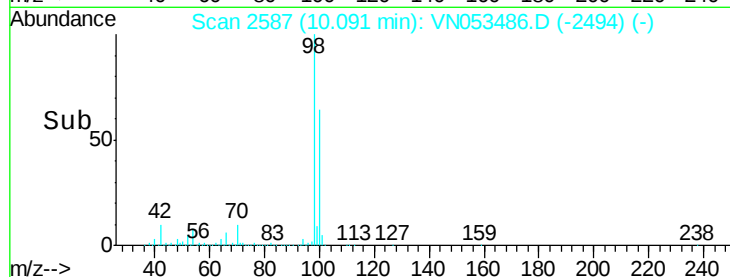
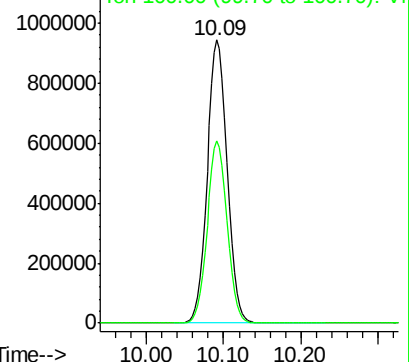
Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053399.D (-2569) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.955 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.05 min

Lab File: VN053486.D

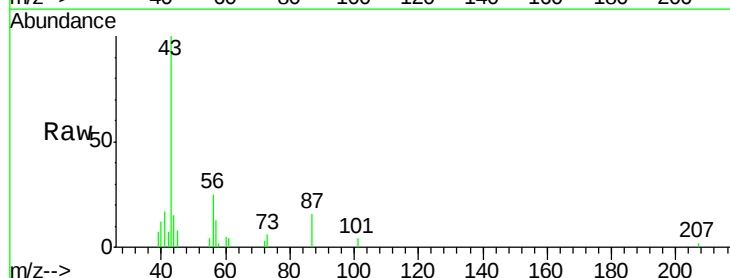
Acq: 18 Jan 2019 21:31

Tgt Ion: 43 Resp: 13746

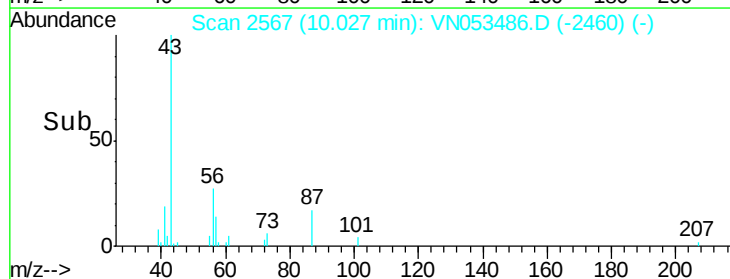
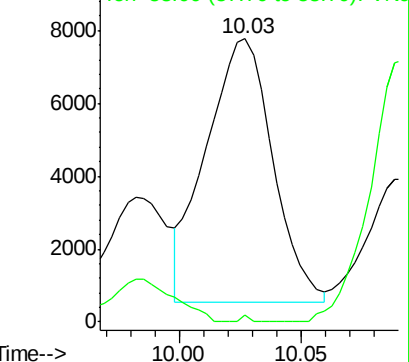
Ion Ratio Lower Upper

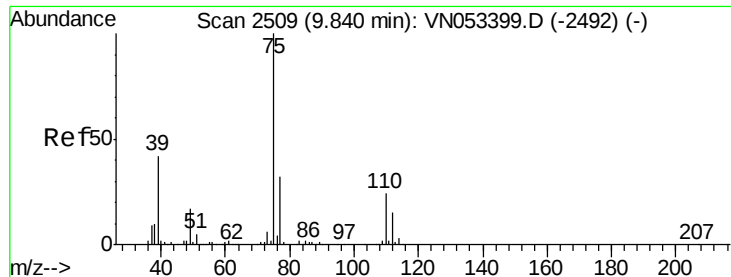
43 100

58 0.0 32.8 49.2#



Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-2532) (-)





#54

cis-1,3-Dichloropropene

Concen: 6.142 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN053486.D

Acq: 18 Jan 2019 21:31

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

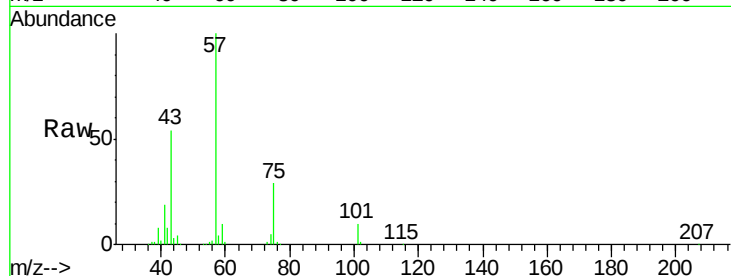
Tot Ion: 75 Resp: 88369

Ion Ratio Lower Upper

75 100

77 0.4 25.8 38.6#

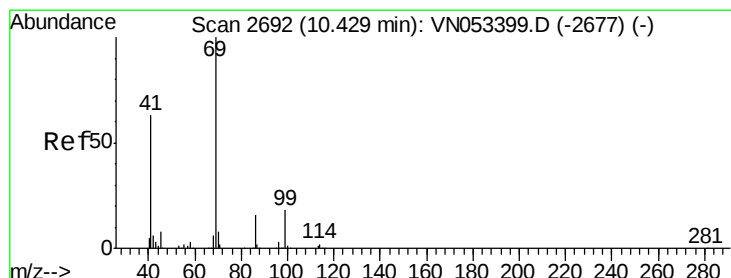
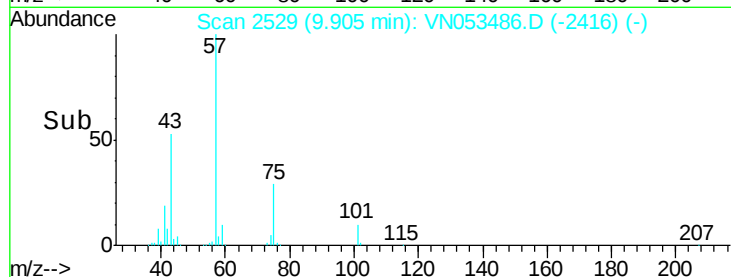
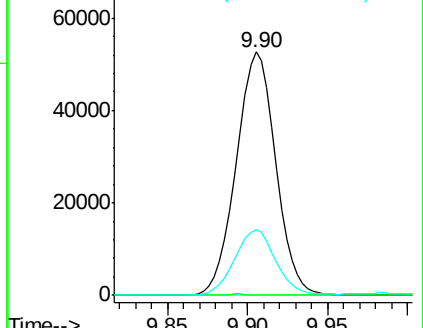
39 27.2 33.4 50.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#56

Ethyl methacrylate

Concen: 2.166 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. 0.12 min

Lab File: VN053486.D

Acq: 18 Jan 2019 21:31

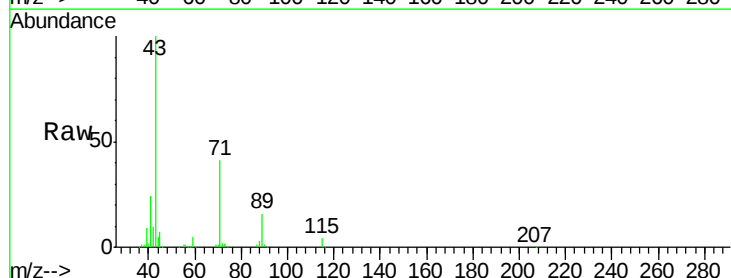
Tgt Ion: 69 Resp: 1296

Ion Ratio Lower Upper

69 100

41 4564.0 49.4 74.0#

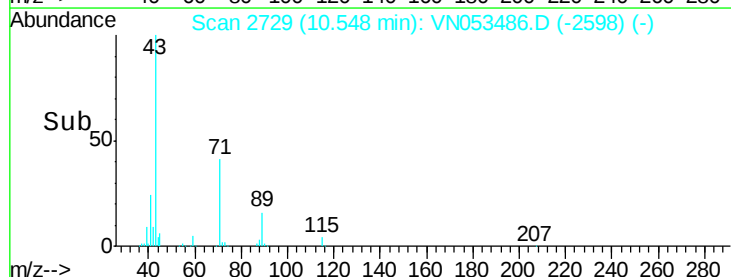
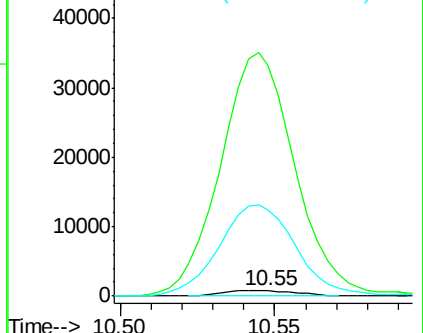
39 1757.5 23.3 34.9#

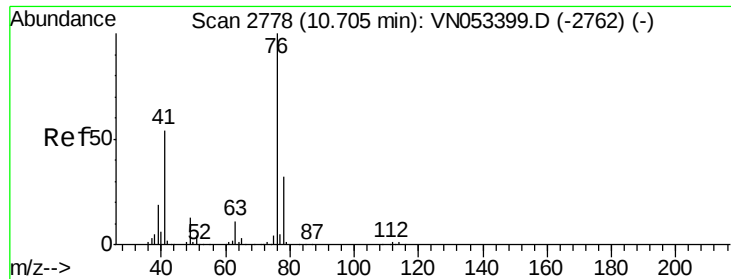


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

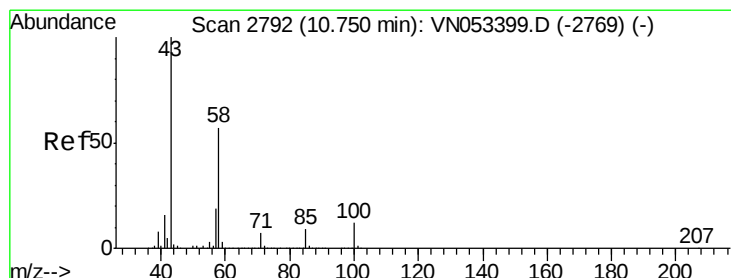
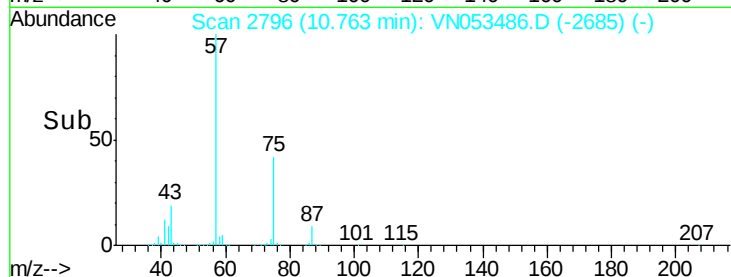
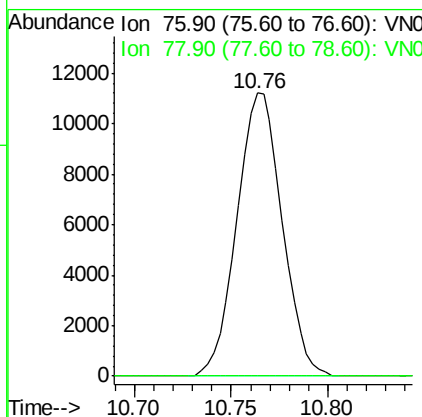
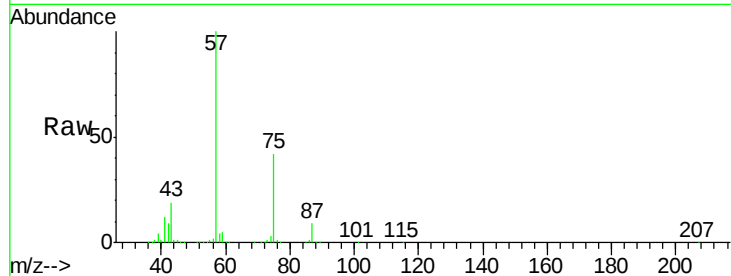




#57
 1,3-Dichloropropane
 Concen: 1.301 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN053486.D
 Acq: 18 Jan 2019 21:31

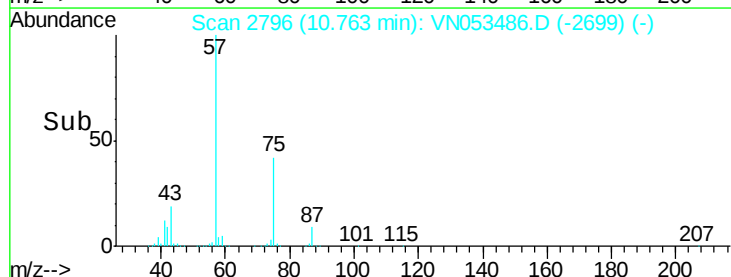
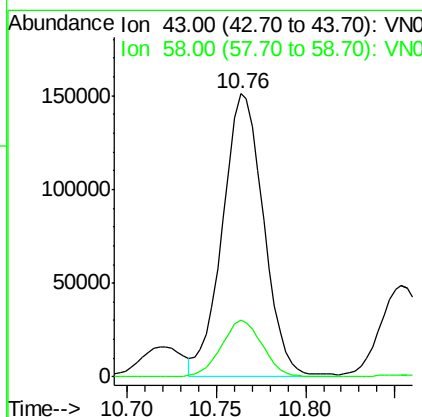
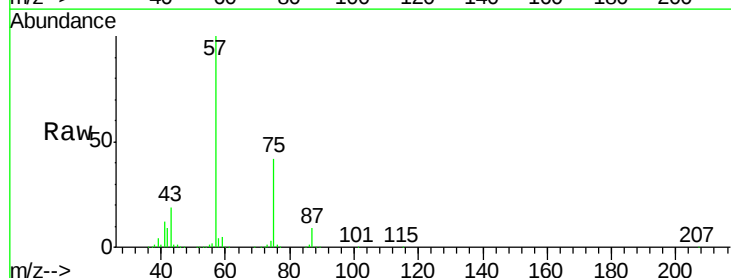
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES

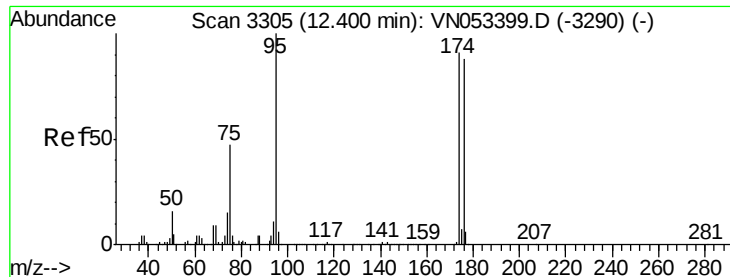
Tot Ion: 76 Resp: 18233
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 48.797 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN053486.D
 Acq: 18 Jan 2019 21:31

Tgt Ion: 43 Resp: 240865
 Ion Ratio Lower Upper
 43 100
 58 20.1 28.6 85.8#





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053486.D

Acq: 18 Jan 2019 21:31

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

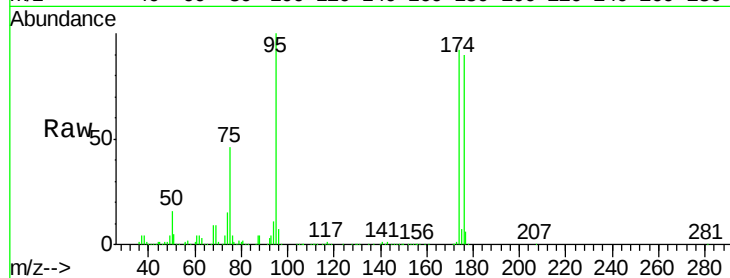
Tot Ion: 95 Resp: 579635

Ion Ratio Lower Upper

95 100

174 91.5 0.0 183.2

176 88.7 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053399.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053399.D (-3290) (-)

12.40

400000

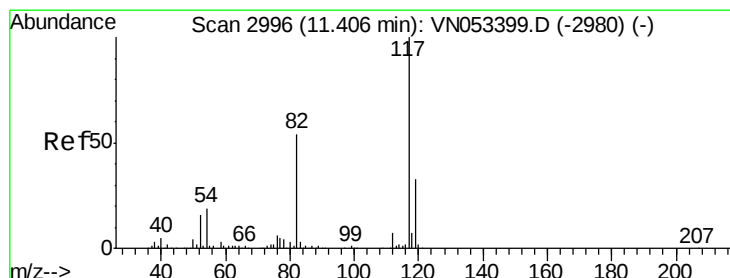
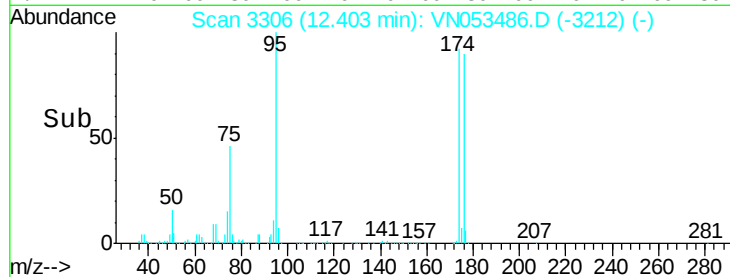
300000

200000

100000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053486.D

Acq: 18 Jan 2019 21:31

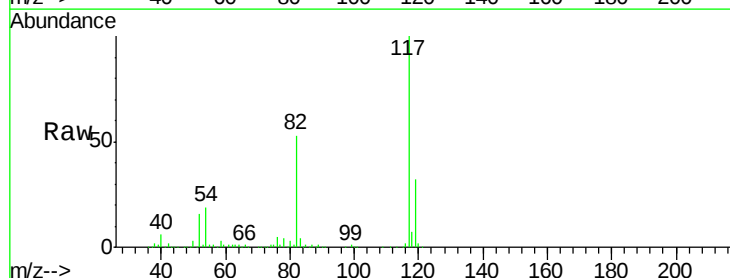
Tgt Ion: 117 Resp: 1283954

Ion Ratio Lower Upper

117 100

82 53.1 42.9 64.3

119 32.3 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053399.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053399.D (-2980) (-)

11.41

1000000

800000

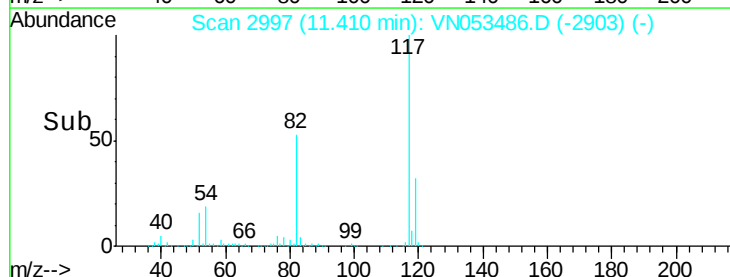
600000

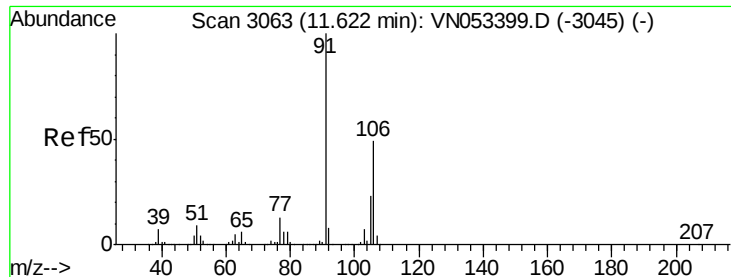
400000

200000

0

Time-->





#68

m/p-Xvlenes

Concen: 0.364 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.01 min

Lab File: VN053486.D

Acq: 18 Jan 2019 21:31

Instrument :

MSVOA_N

ClientSampleId :

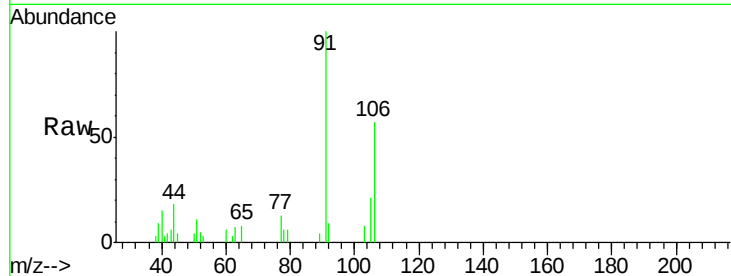
OILY-STONES

Tot Ion:106 Resp: 6368

Ion Ratio Lower Upper

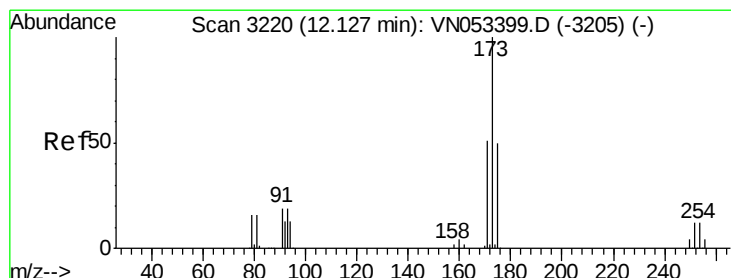
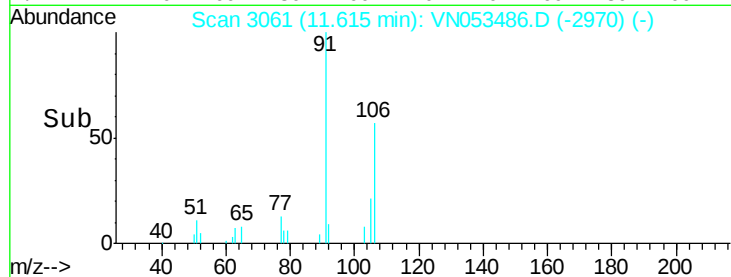
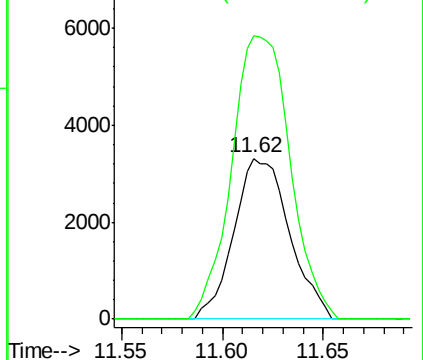
106 100

91 186.2 161.4 242.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#71

Bromoform

Concen: 0.604 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN053486.D

Acq: 18 Jan 2019 21:31

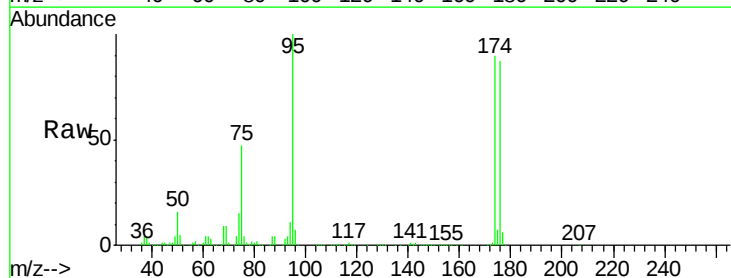
Tgt Ion:173 Resp: 3932

Ion Ratio Lower Upper

173 100

175 868.1 24.6 74.0#

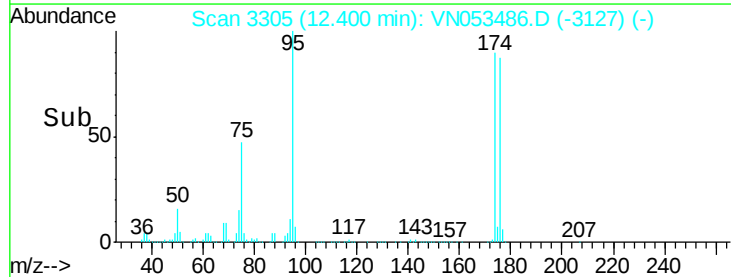
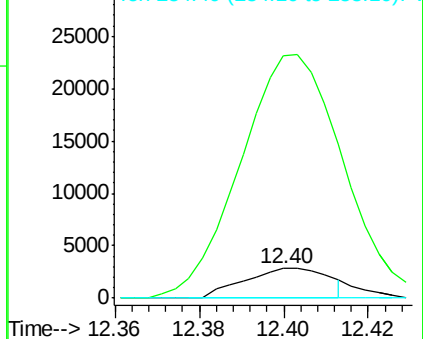
254 0.0 0.2 0.2#

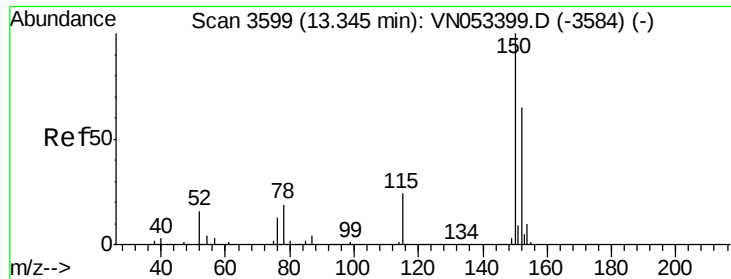


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053486.D

Acq: 18 Jan 2019 21:31

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

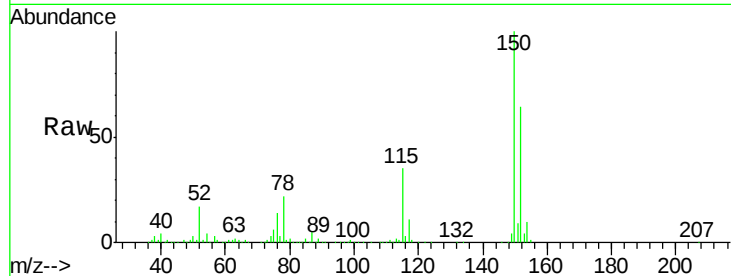
Tot Ion:152 Resp: 563687

Ion Ratio Lower Upper

152 100

115 55.9 27.8 83.4

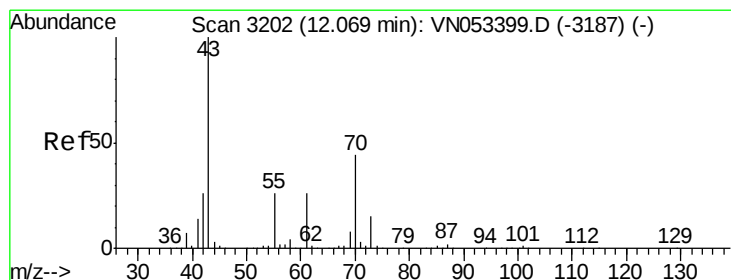
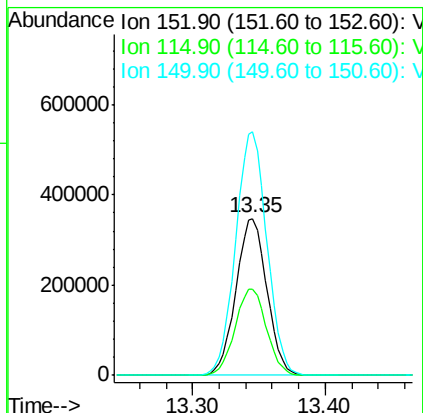
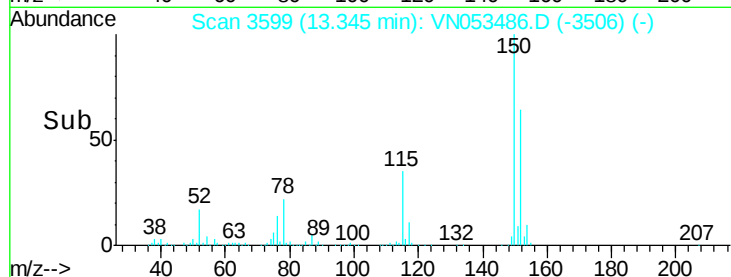
150 156.3 0.0 349.0



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



#74

N-ethyl acetate

Concen: 2.164 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053486.D

Acq: 18 Jan 2019 21:31

Tgt Ion: 43 Resp: 23814

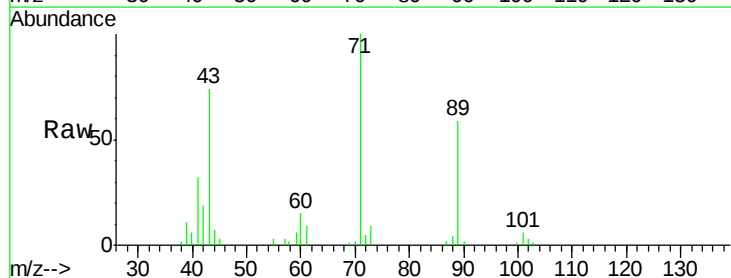
Ion Ratio Lower Upper

43 100

70 2.7 35.4 53.2#

55 4.3 20.9 31.3#

61 10.7 20.5 30.7#

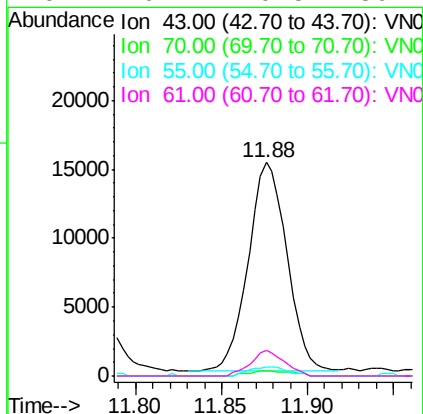
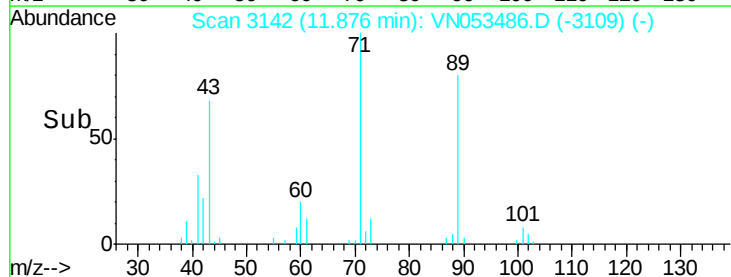


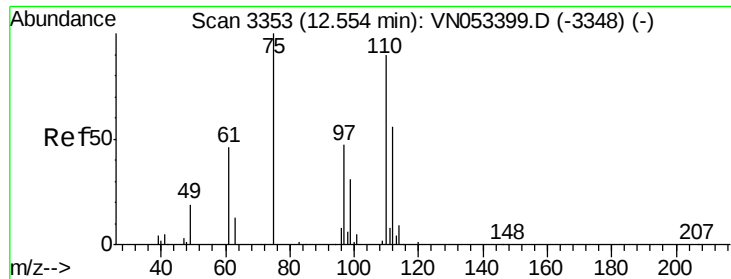
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 36.364 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053486.D

Acq: 18 Jan 2019 21:31

Instrument :

MSVOA_N

ClientSampleId :

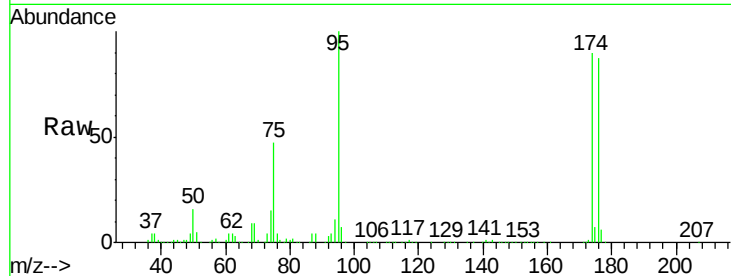
OILY-STONES

Tot Ion: 75 Resp: 270123

Ion Ratio Lower Upper

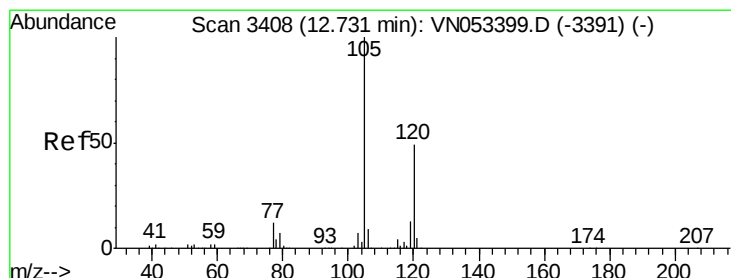
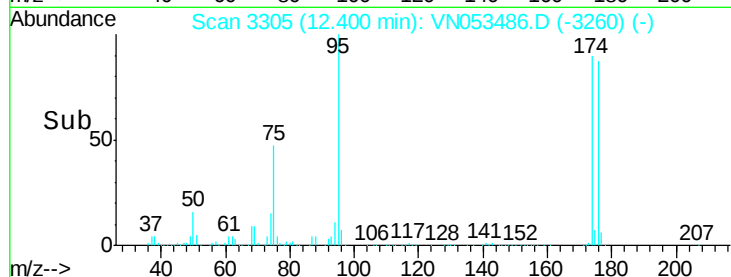
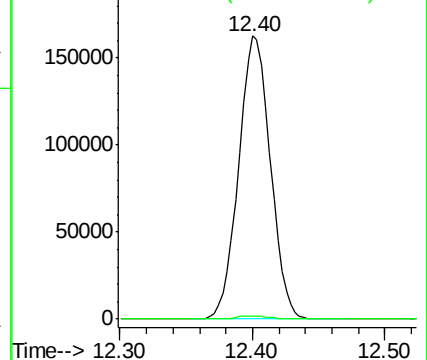
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#80

1,3,5-Trimethylbenzene

Concen: 0.379 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053486.D

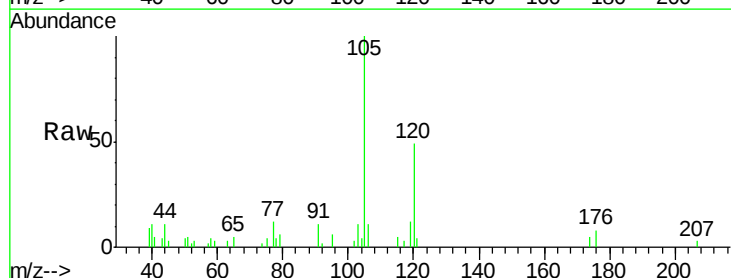
Acq: 18 Jan 2019 21:31

Tgt Ion: 105 Resp: 12738

Ion Ratio Lower Upper

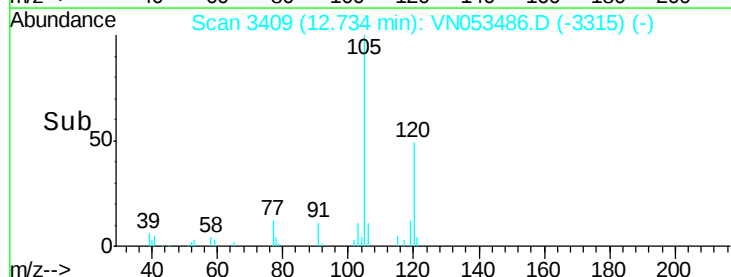
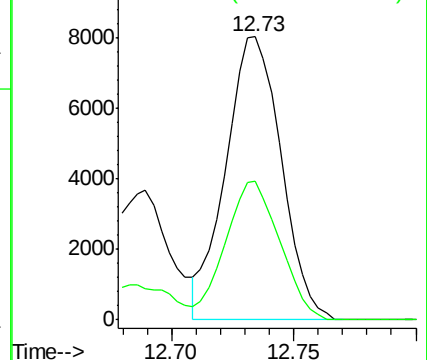
105 100

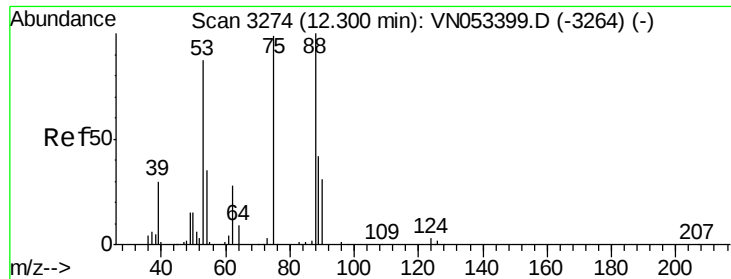
120 47.9 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 89.899 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053486.D

Acq: 18 Jan 2019 21:31

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

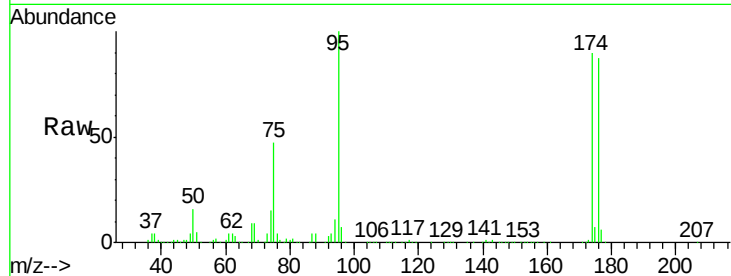
Tot Ion: 75 Resp: 270123

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

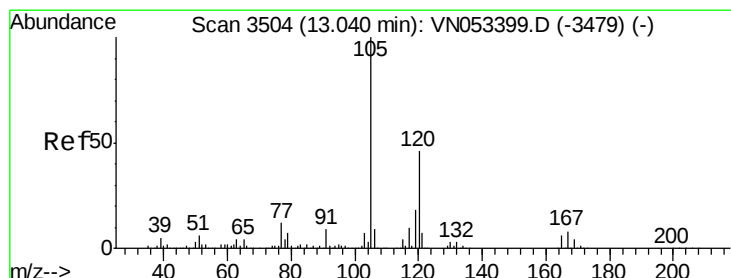
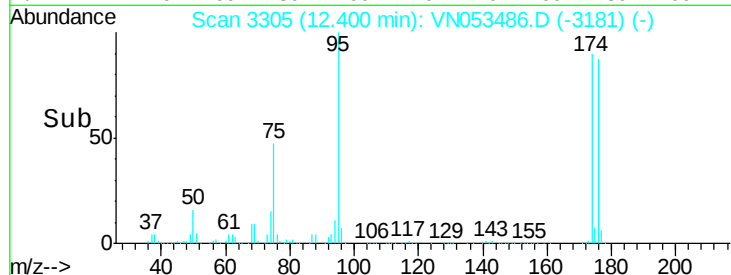
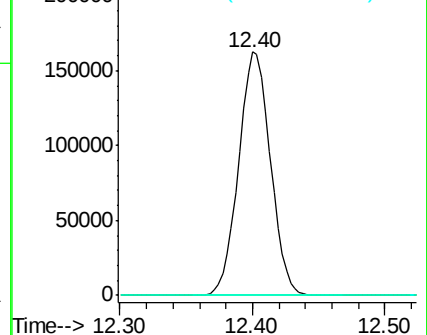
89 0.0 35.6 53.4#



Abundance Ion 74.90 (74.60 to 75.60): VN053399.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN053399.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN053399.D (-3264) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.617 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053486.D

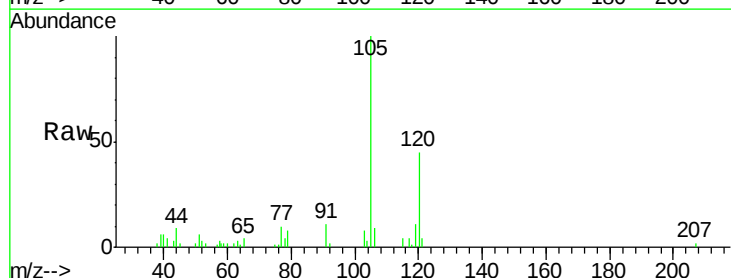
Acq: 18 Jan 2019 21:31

Tgt Ion: 105 Resp: 20895

Ion Ratio Lower Upper

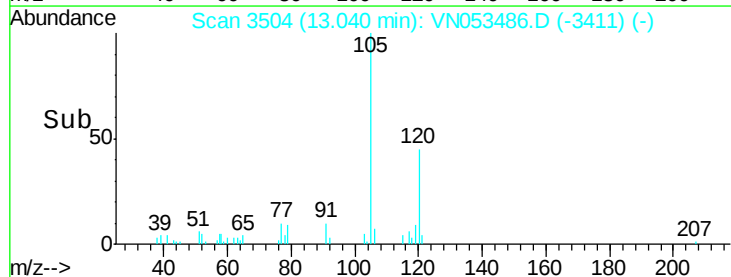
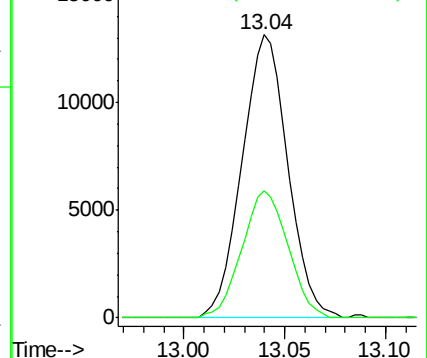
105 100

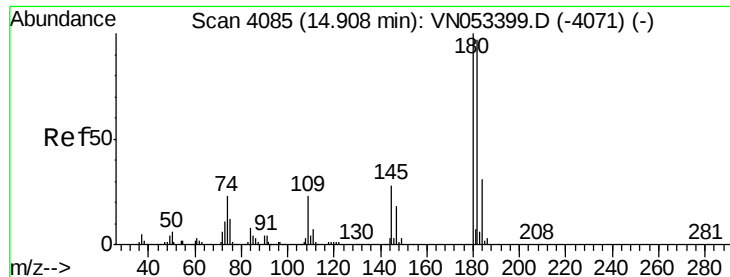
120 45.2 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): VN053399.D (-3479) (-)

Ion 120.00 (119.70 to 120.70): VN053399.D (-3479) (-)

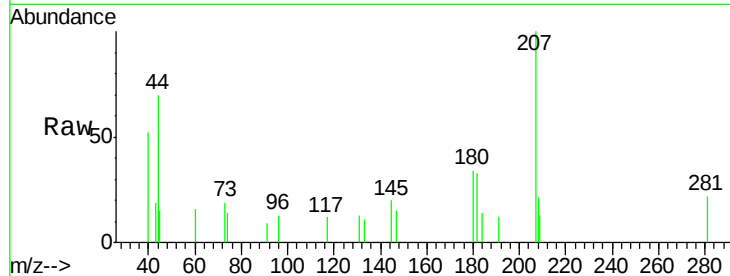




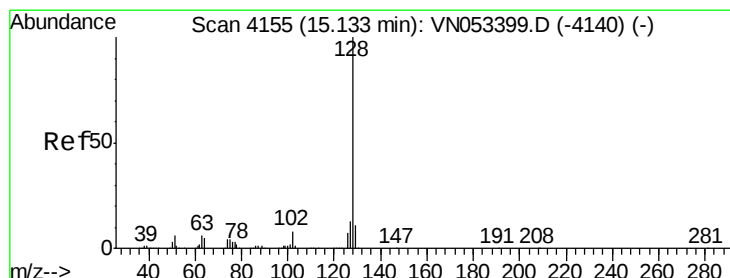
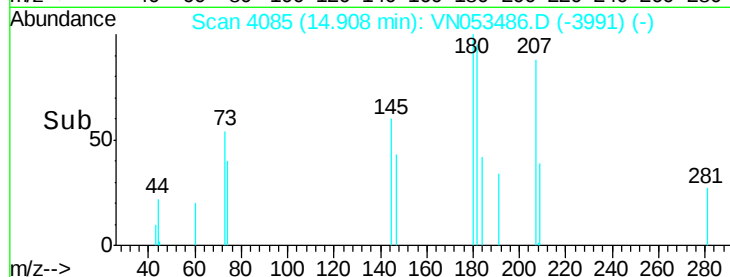
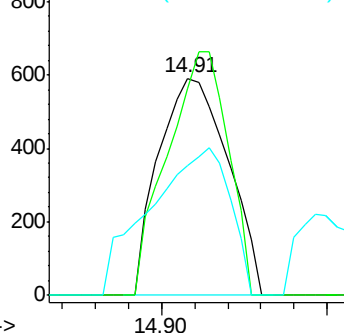
#93
 1,2,4-Trichlorobenzene
 Concen: 2.871 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053486.D
 Acq: 18 Jan 2019 21:31

Instrument :
 MSVOA_N
 ClientSampled :
 OILY-STONES

Tot Ion:180 Resp: 861
 Ion Ratio Lower Upper
 180 100
 182 97.9 48.1 144.3
 145 78.7 13.9 41.6#

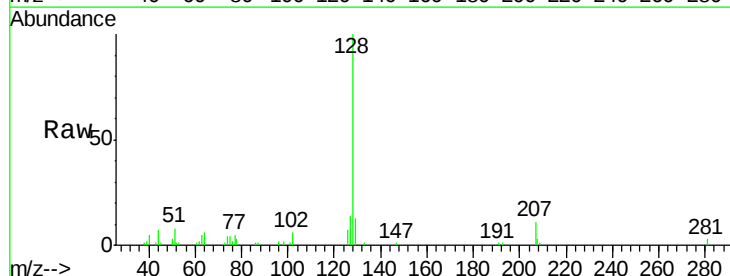


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

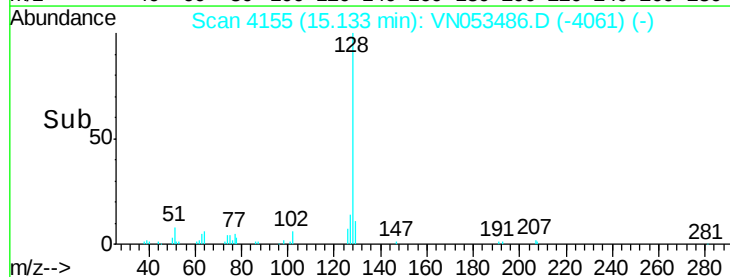
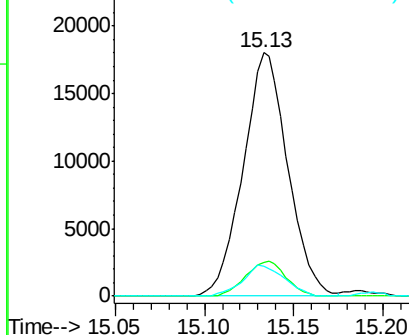


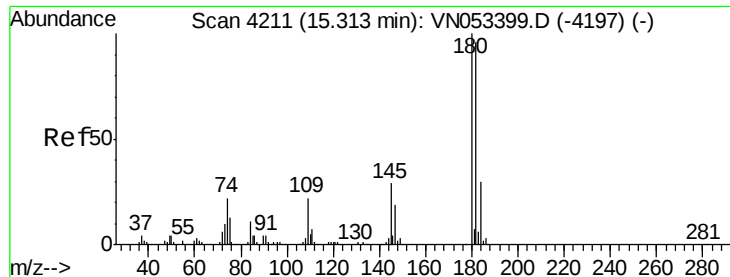
#95
 Naphthalene
 Concen: 6.067 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053486.D
 Acq: 18 Jan 2019 21:31

Tgt Ion:128 Resp: 31482
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.3 15.5
 129 11.9 8.6 13.0



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: 4.042 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053486.D

Acq: 18 Jan 2019 21:31

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

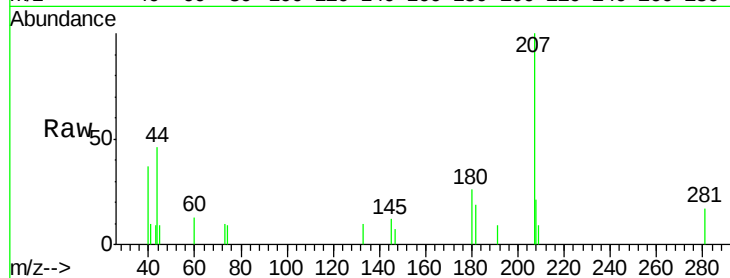
Tot Ion:180 Resp: 847

Ion Ratio Lower Upper

180 100

182 102.7 47.9 143.8

145 41.8 14.7 44.1



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

