

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055342.D
 Acq On : 2 May 2019 11:37
 Operator : JC/SP
 Sample : K2654-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES

Quant Time: May 03 03:16:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

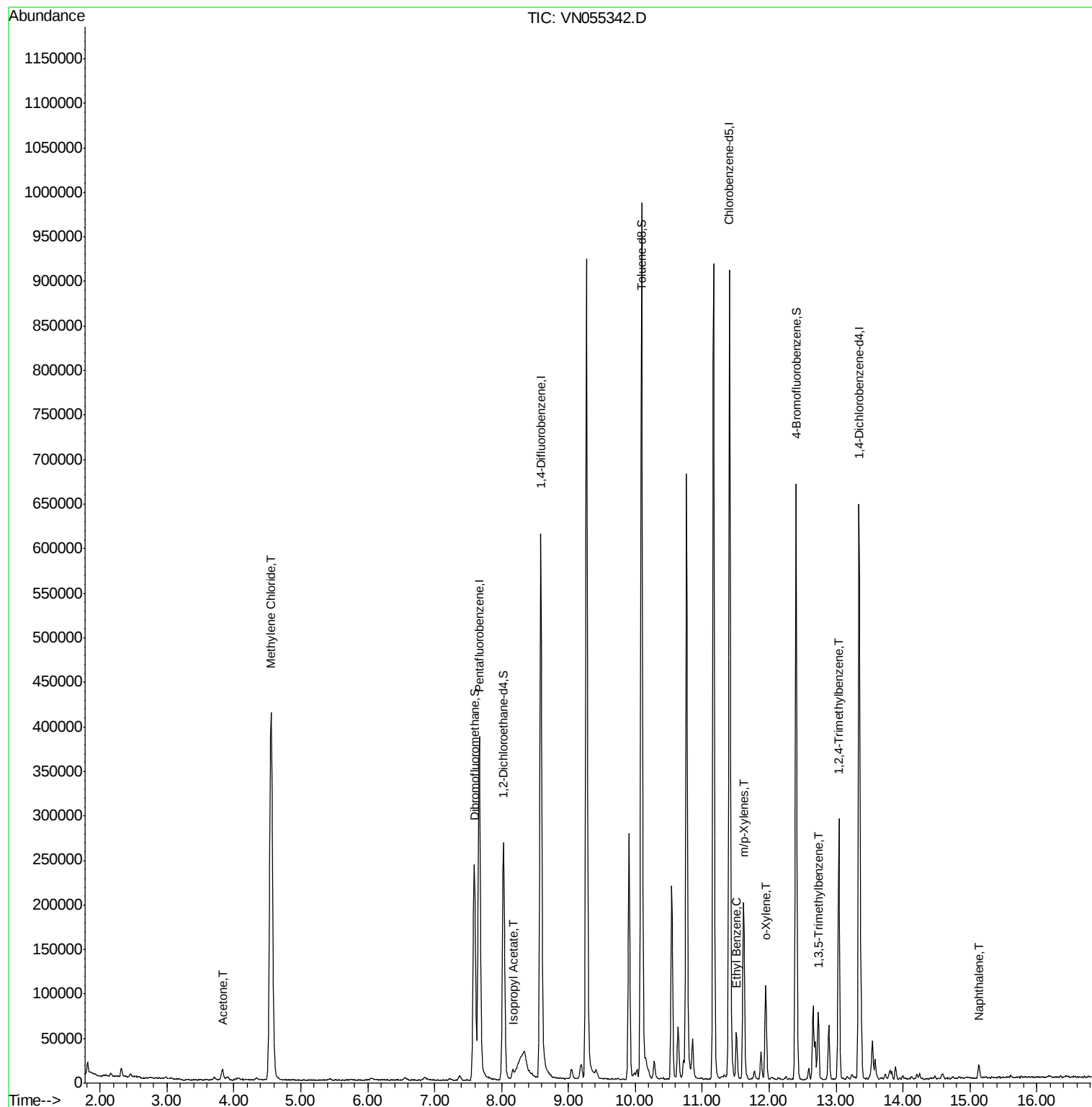
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	323137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	559328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	522299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	169280	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	233654	55.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.54%	
35) Dibromofluoromethane	7.59	113	187849	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
50) Toluene-d8	10.09	98	701233	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.40	95	226366	54.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.28%	
Target Compounds						
16) Acetone	3.83	43	18132	13.766	ug/l	100
20) Methylene Chloride	4.55	84	288287	71.704	ug/l	98
43) Isopropyl Acetate	8.17	43	15353	2.327	ug/l #	86
67) Ethyl Benzene	11.51	91	37051	2.009	ug/l	98
68) m/p-Xylenes	11.62	106	62048	9.427	ug/l	98
69) o-Xylene	11.95	106	26569	4.073	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	37848	2.852	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	164070	13.824	ug/l	100
95) Naphthalene	15.14	128	12232	5.755	ug/l	99

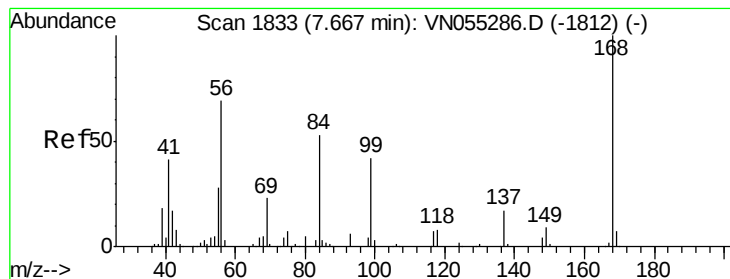
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 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: VN055342.D

Acq: 2 May 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

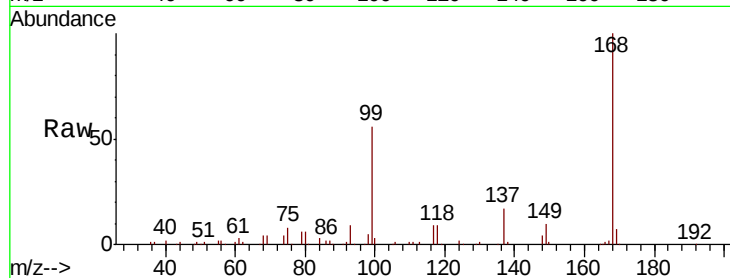
OILY-STONES

Tgt Ion:168 Resp: 323137

Ion Ratio Lower Upper

168 100

99 56.0 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055286.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055286.D (-1812) (-)

7.67

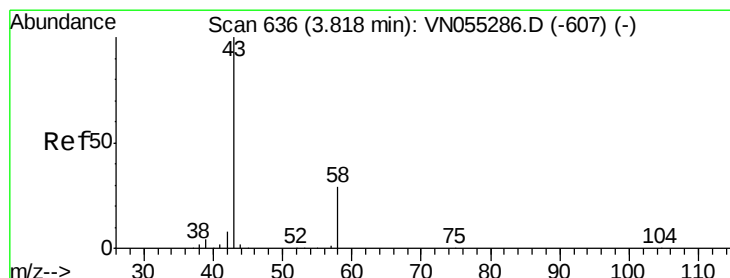
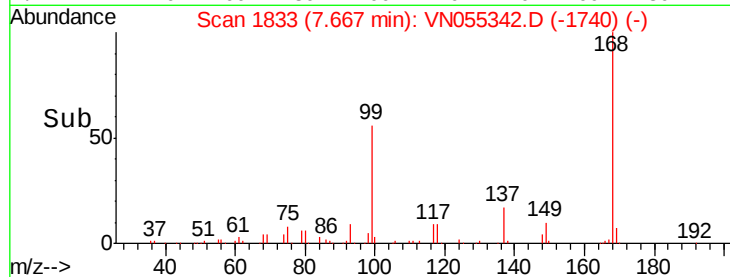
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 13.766 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055342.D

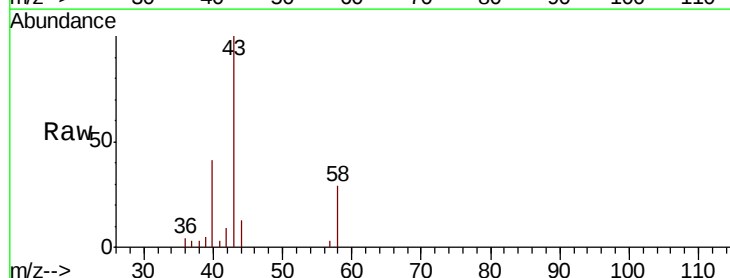
Acq: 2 May 2019 11:37

Tgt Ion: 43 Resp: 18132

Ion Ratio Lower Upper

43 100

58 29.4 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-607) (-)

Ion 58.00 (57.70 to 58.70): VN055286.D (-607) (-)

3.83

8000

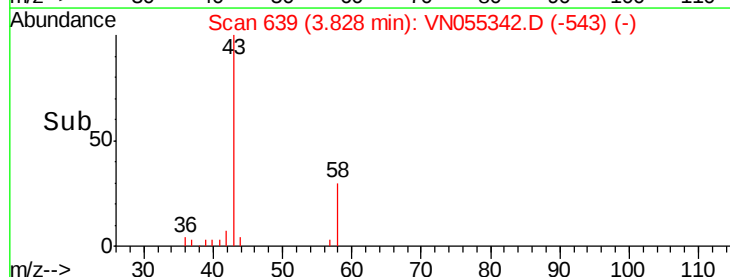
6000

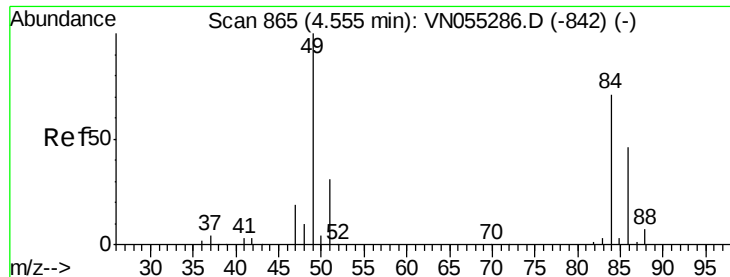
4000

2000

0

Time-->

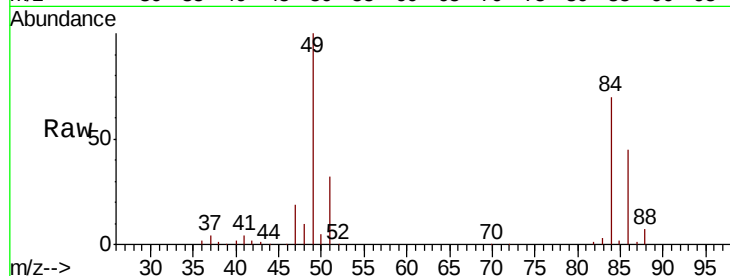




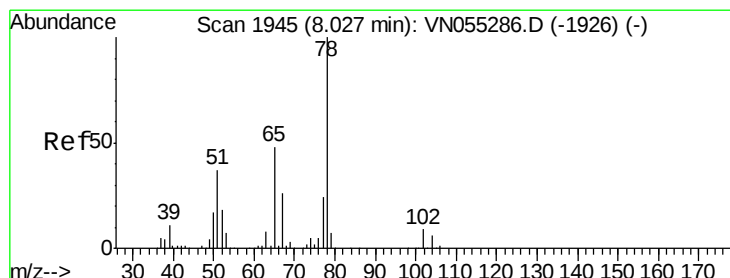
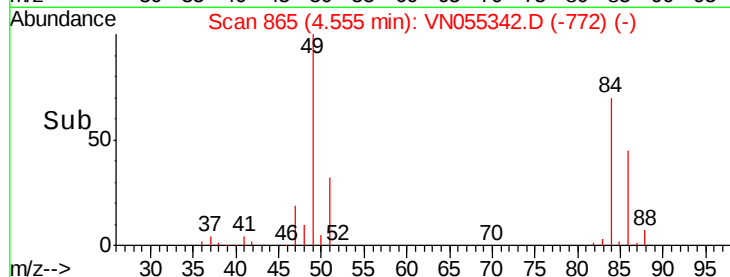
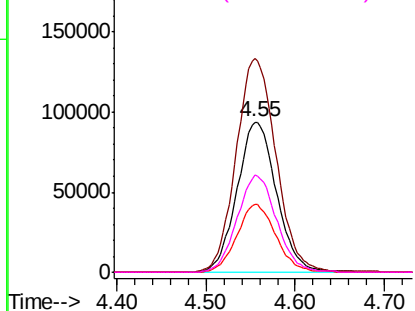
#20
Methylene Chloride
Concen: 71.704 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055342.D
Acq: 2 May 2019 11:37

Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES

Tgt Ion: 84 Resp: 288287
Ion Ratio Lower Upper
84 100
49 142.3 112.4 168.6
51 45.6 34.6 51.8
86 64.4 51.9 77.9

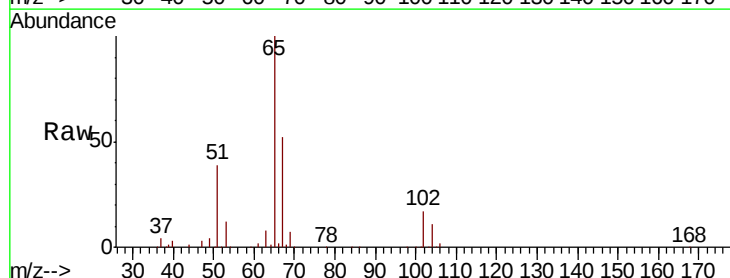


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

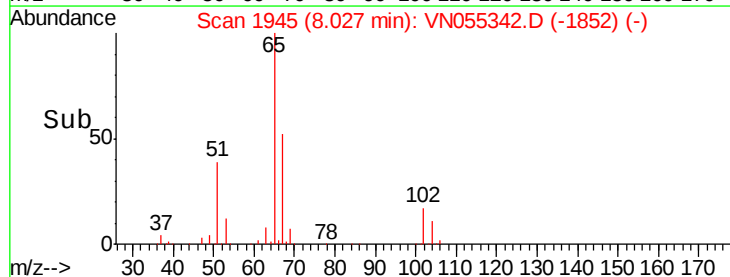
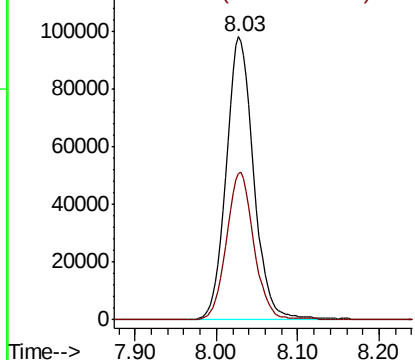


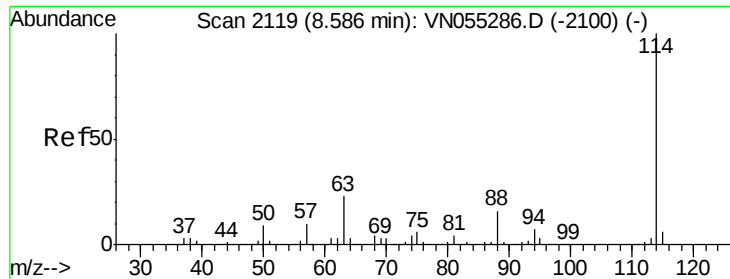
#33
1,2-Dichloroethane-d4
Concen: 55.272 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055342.D
Acq: 2 May 2019 11:37

Tgt Ion: 65 Resp: 233654
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055342.D

Acq: 2 May 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

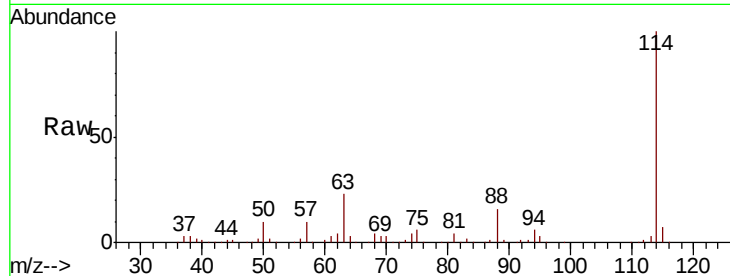
Tgt Ion:114 Resp: 559328

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.2

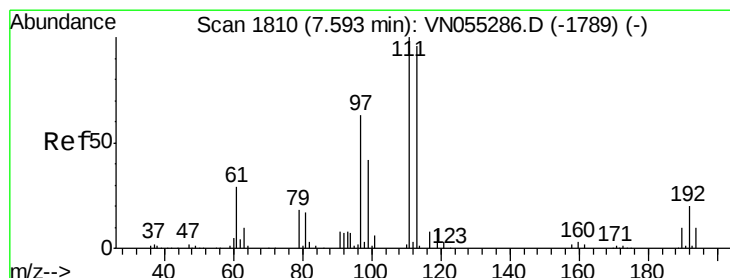
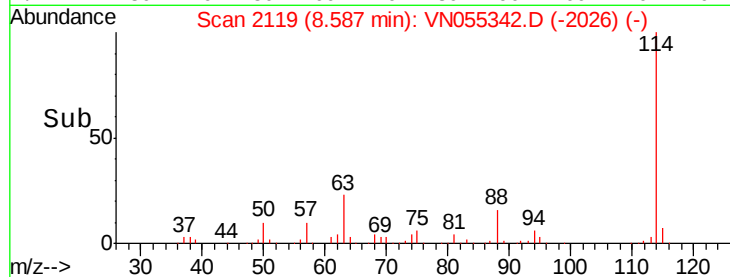
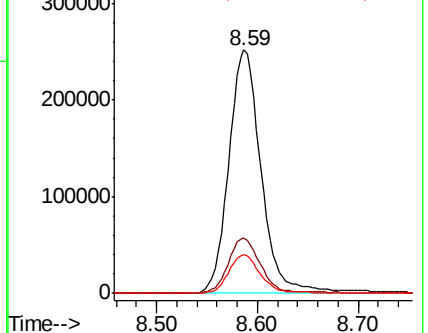
88 16.0 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 51.168 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055342.D

Acq: 2 May 2019 11:37

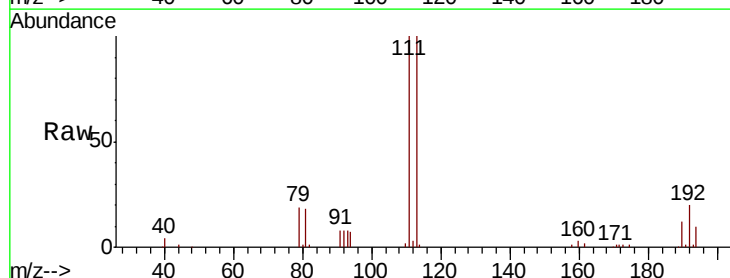
Tgt Ion:113 Resp: 187849

Ion Ratio Lower Upper

113 100

111 101.3 82.3 123.5

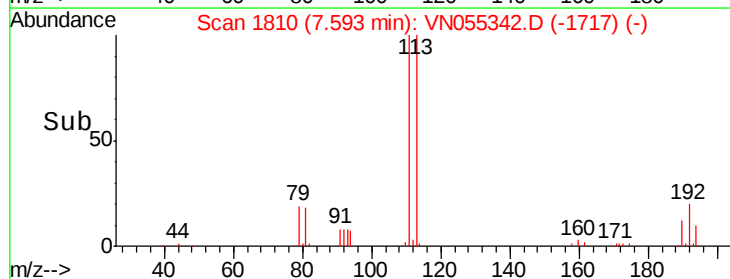
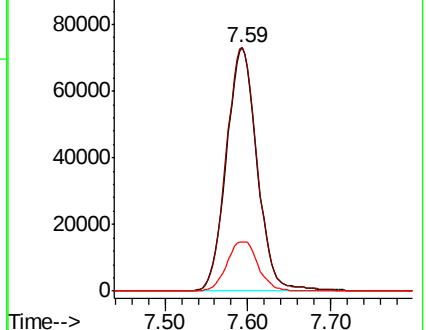
192 20.7 17.0 25.6

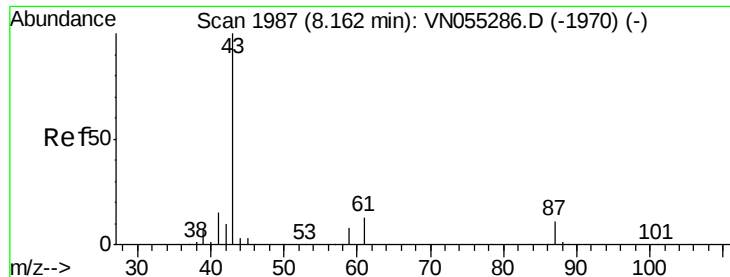


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.327 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN055342.D

Acq: 2 May 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

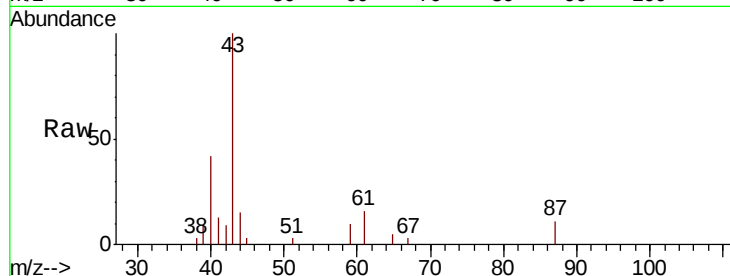
Tgt Ion: 43 Resp: 15353

Ion Ratio Lower Upper

43 100

61 17.6 20.8 31.2#

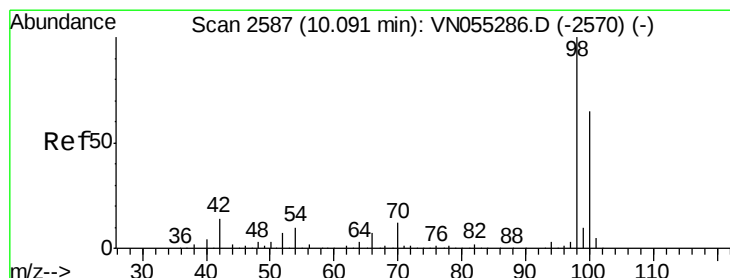
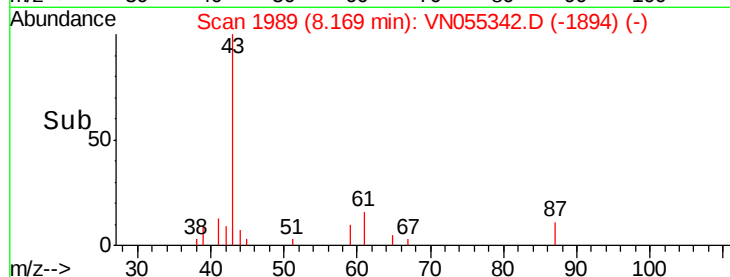
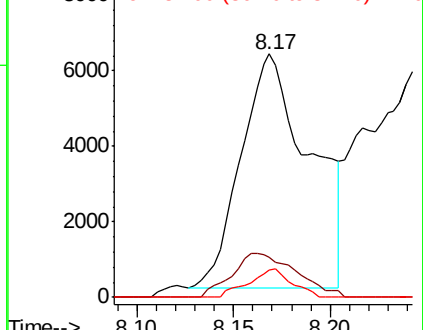
87 7.6 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055286.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055286.D (-1970) (-)



#50

Toluene-d8

Concen: 52.898 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055342.D

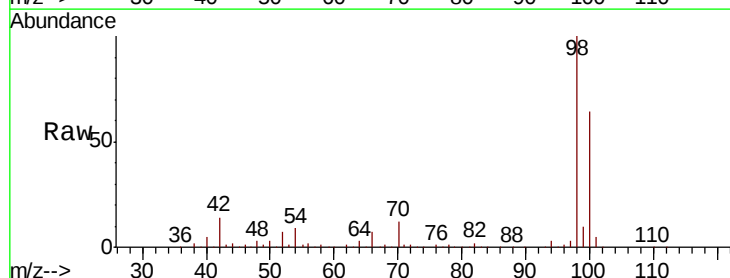
Acq: 2 May 2019 11:37

Tgt Ion: 98 Resp: 701233

Ion Ratio Lower Upper

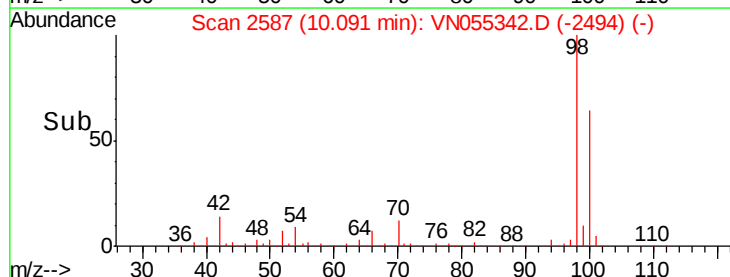
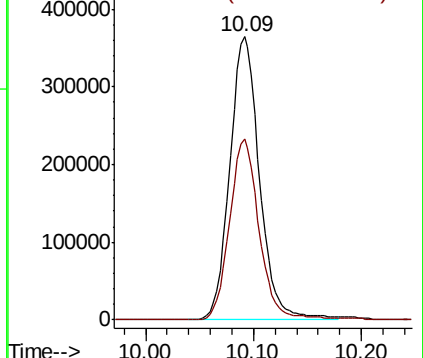
98 100

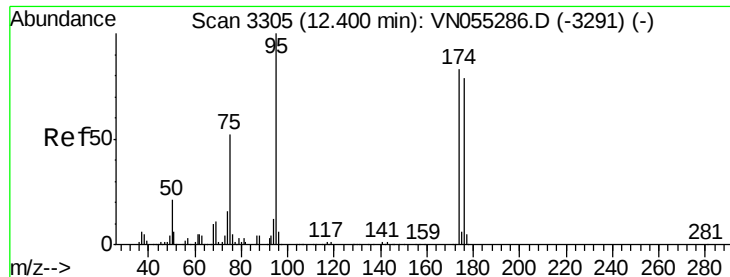
100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055286.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055286.D (-2570) (-)

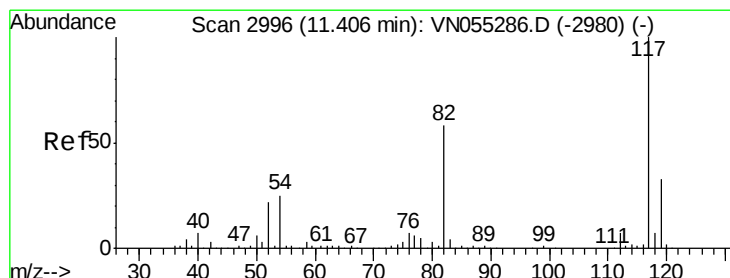
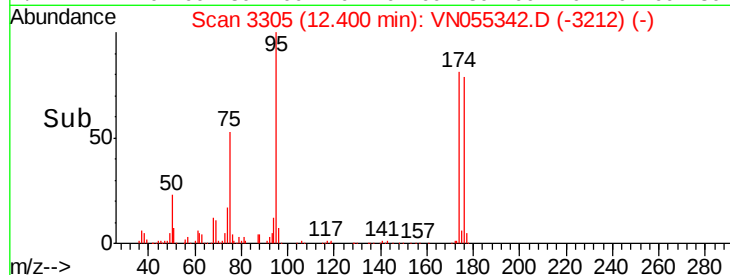
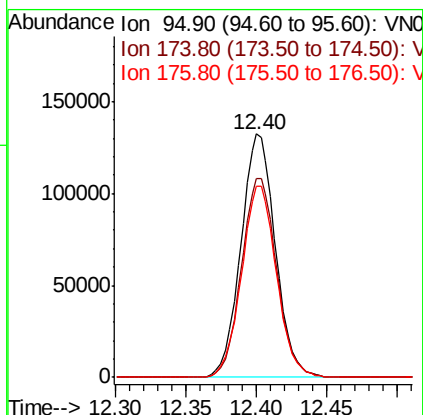
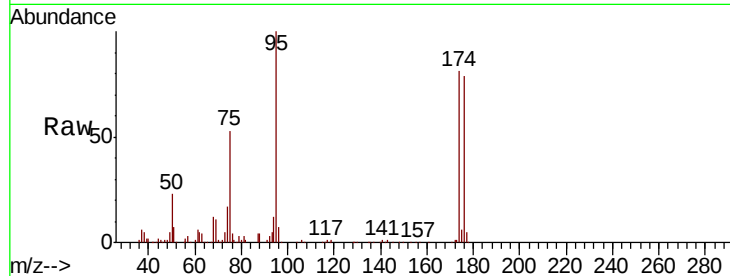




#62
4-Bromofluorobenzene
Concen: 54.637 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055342.D
Acq: 2 May 2019 11:37

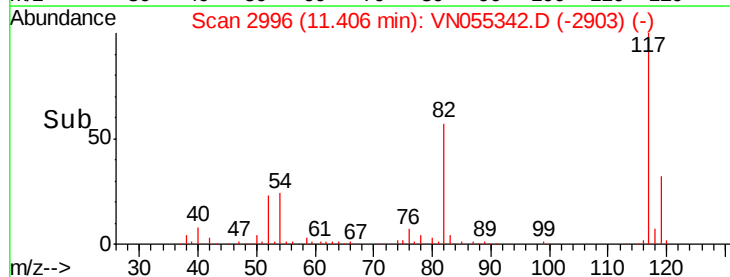
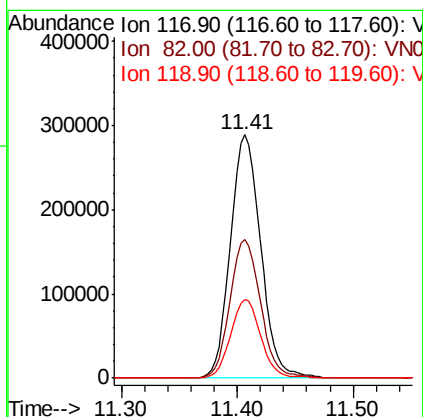
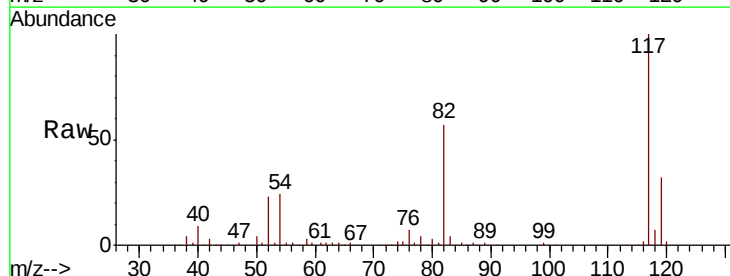
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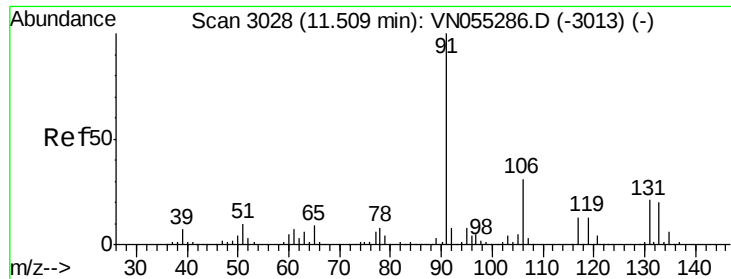
Tgt Ion: 95 Resp: 226366
Ion Ratio Lower Upper
95 100
174 83.6 0.0 166.6
176 79.8 0.0 157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055342.D
Acq: 2 May 2019 11:37

Tgt Ion: 117 Resp: 522299
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 32.3 26.6 40.0

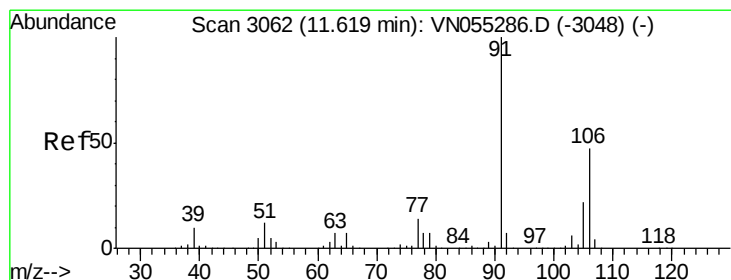
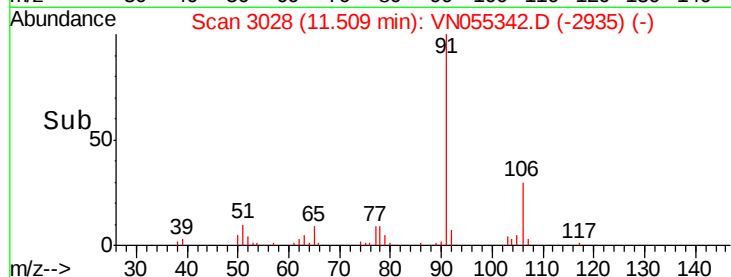
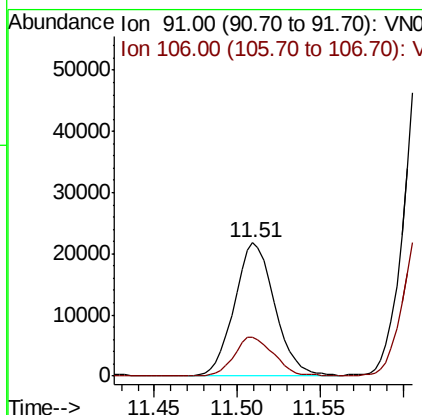
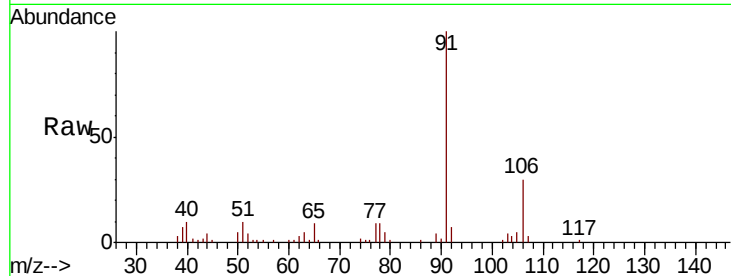




#67
Ethyl Benzene
Concen: 2.009 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055342.D
Acq: 2 May 2019 11:37

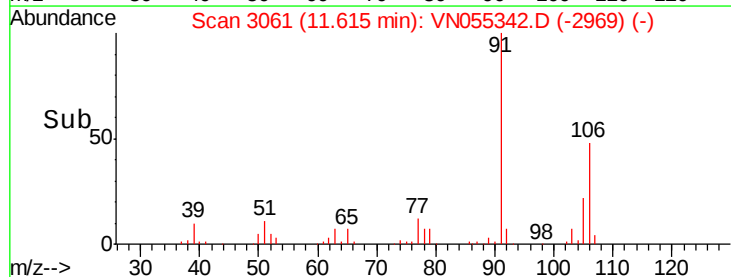
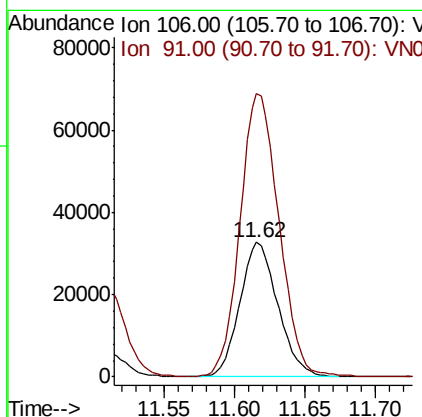
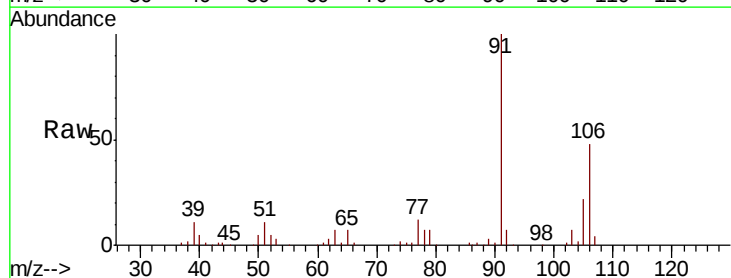
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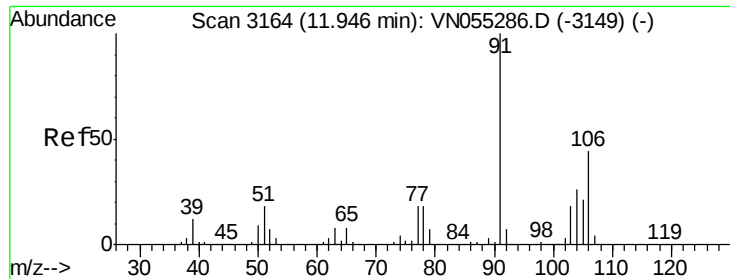
Tgt Ion: 91 Resp: 37051
Ion Ratio Lower Upper
91 100
106 29.5 24.6 36.8



#68
m/p-Xylenes
Concen: 9.427 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055342.D
Acq: 2 May 2019 11:37

Tgt Ion: 106 Resp: 62048
Ion Ratio Lower Upper
106 100
91 214.9 169.5 254.3

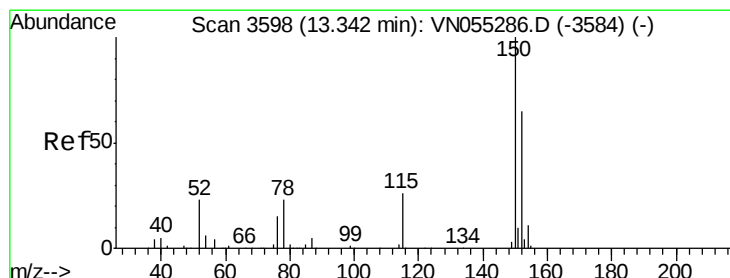
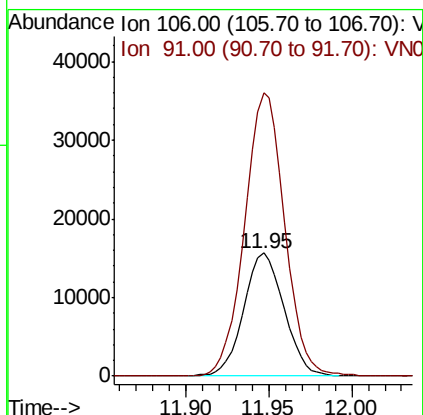
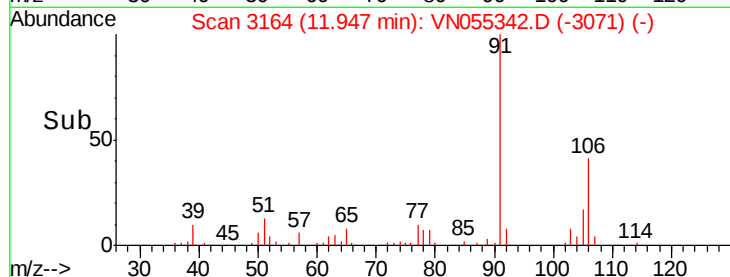
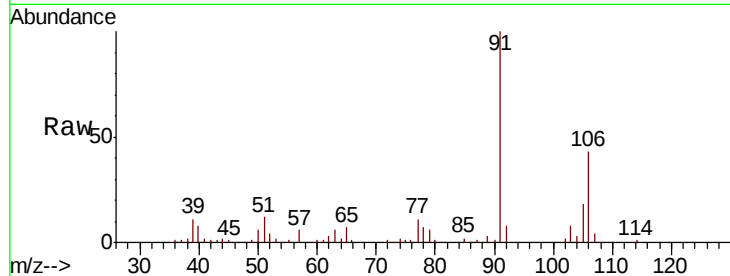




#69
o-Xylene
Concen: 4.073 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055342.D
Acq: 2 May 2019 11:37

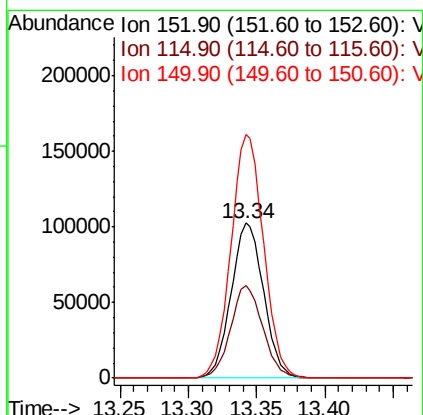
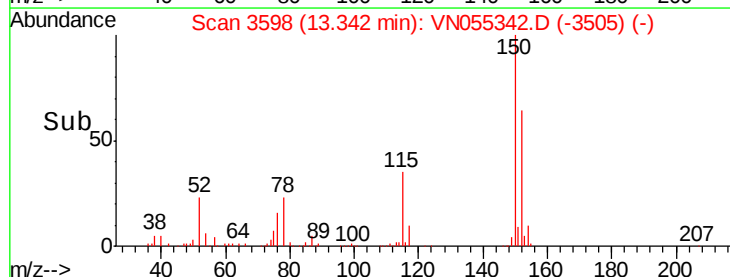
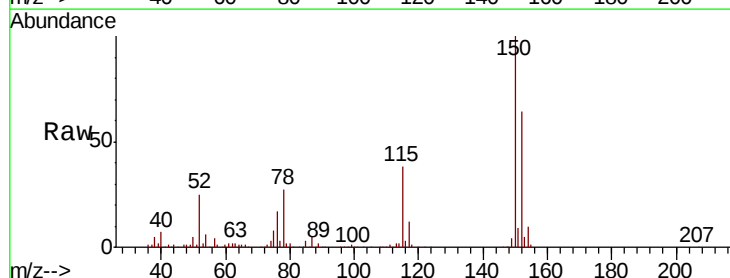
Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES

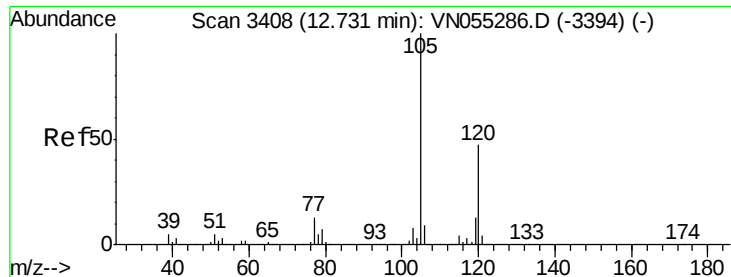
Tgt Ion:106 Resp: 26569
Ion Ratio Lower Upper
106 100
91 227.2 111.5 334.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055342.D
Acq: 2 May 2019 11:37

Tgt Ion:152 Resp: 169280
Ion Ratio Lower Upper
152 100
115 59.6 29.0 87.0
150 157.4 0.0 345.6





#80

1,3,5-Trimethylbenzene

Concen: 2.852 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055342.D

Acq: 2 May 2019 11:37

Instrument :

MSVOA_N

ClientSampled :

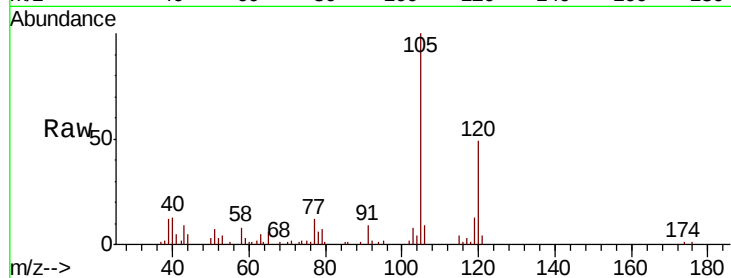
OILY-STONES

Tgt Ion:105 Resp: 37848

Ion Ratio Lower Upper

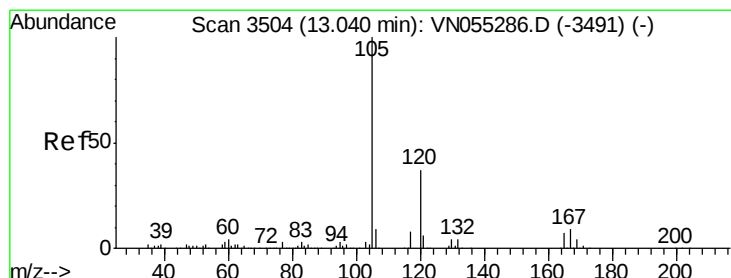
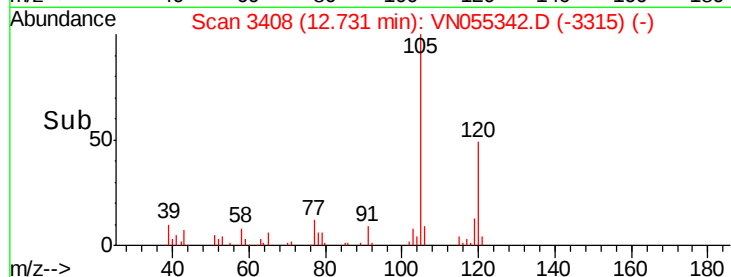
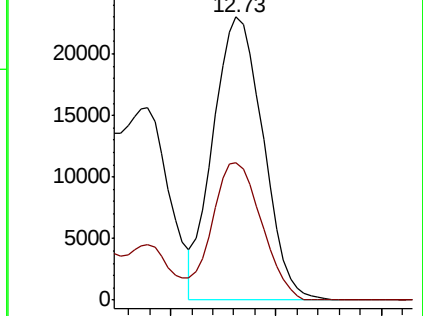
105 100

120 48.7 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 13.824 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055342.D

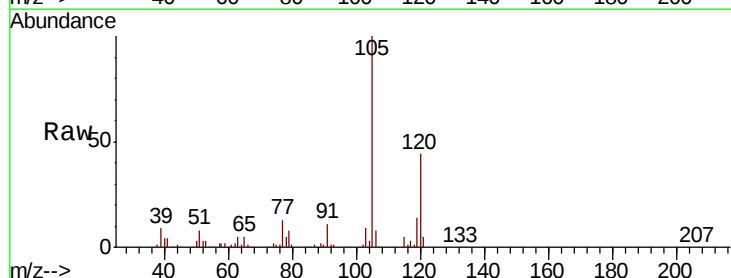
Acq: 2 May 2019 11:37

Tgt Ion:105 Resp: 164070

Ion Ratio Lower Upper

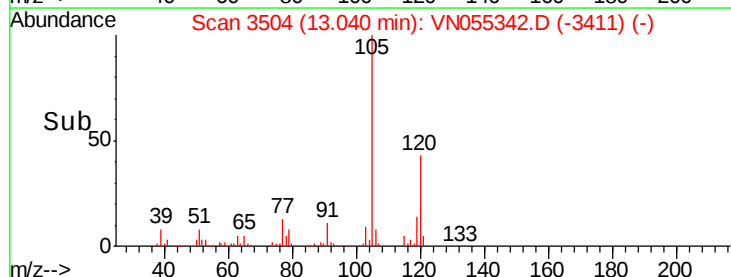
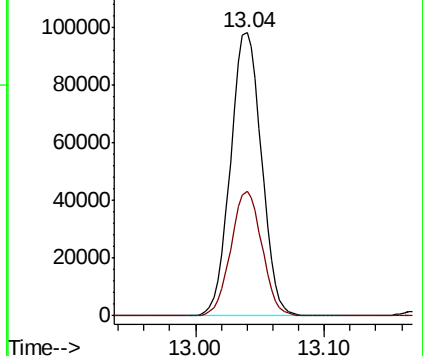
105 100

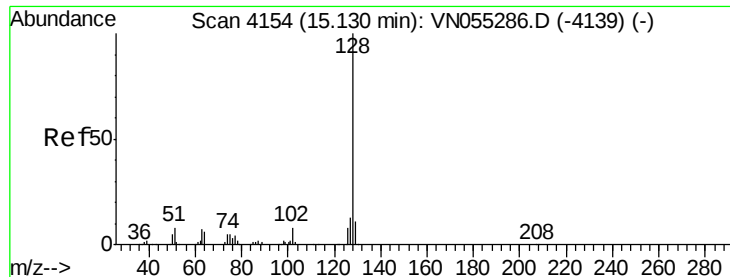
120 44.2 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 5.755 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055342.D

Acq: 2 May 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES

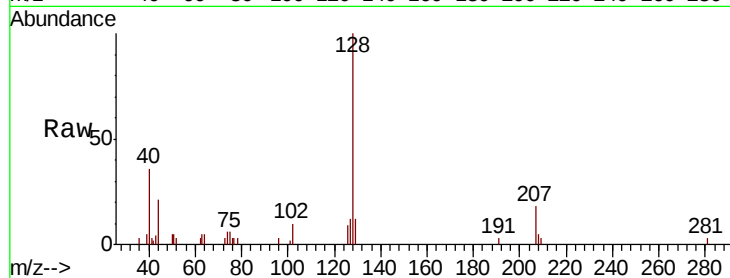
Tgt Ion:128 Resp: 12232

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 11.7 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

