

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092018\
 Data File : VN051354.D
 Acq On : 20 Sep 2018 21:23
 Operator : MD\SY
 Sample : J5001-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BS-OILY-STONE

Quant Time: Sep 21 06:47:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 03:27:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	780500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1162088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	980024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	409998	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	440641	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
35) Dibromofluoromethane	7.59	113	434220	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
50) Toluene-d8	10.09	98	1560693	43.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.46%	
62) 4-Bromofluorobenzene	12.40	95	440385	37.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.98%	

Target Compounds				Qvalue		
14) Allyl chloride	4.55	41	5681	0.55	ug/l #	25
16) Acetone	3.82	43	27052	15.57	ug/l	99
18) Methyl Acetate	4.33	43	6130	1.03	ug/l	90
20) Methylene Chloride	4.55	84	264992	30.47	ug/l	97
25) 2-Butanone	6.85	43	4053	1.68	ug/l	99
29) Tetrahydrofuran	7.22	42	793	0.52	ug/l #	40
30) Chloroform	7.38	83	9359	0.64	ug/l	93
31) Cyclohexane	7.67	56	12291	0.90	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	47228	3.97	ug/l #	48
38) Carbon Tetrachloride	7.67	117	65104	5.06	ug/l #	16
43) Isopropyl Acetate	8.17	43	302472	29.35	ug/l #	90
47) Bromodichloromethane	9.40	83	2929	0.24	ug/l #	93
48) Methyl methacrylate	9.18	41	6929	1.32	ug/l #	19
51) 4-Methyl-2-Pentanone	9.98	43	3144	0.57	ug/l	92
52) Toluene	10.15	92	9479	0.43	ug/l	94
53) t-1,3-Dichloropropene	10.50	75	3959	0.34	ug/l #	51
59) 2-Hexanone	10.77	43	14810	3.96	ug/l #	55
67) Ethyl Benzene	11.51	91	18130	0.49	ug/l	93
68) m/p-Xylenes	11.62	106	17016	1.18	ug/l	96
69) o-Xylene	11.95	106	6768	0.49	ug/l	95
70) Styrene	11.97	104	7254	0.34	ug/l	94
71) Bromoform	12.40	173	1774	0.29	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	200649	33.89	ug/l #	100
78) n-propylbenzene	12.59	91	8656	0.26	ug/l	98
79) 2-Chlorotoluene	12.66	91	5023	0.25	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	16929	0.69	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	200649	117.32	ug/l #	14
83) tert-Butylbenzene	13.04	119	7755	0.36	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.04	105	50840	2.10	ug/l	96
90) Hexachloroethane	13.89	117	3243	0.60	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	5810	0.94	ug/l #	84
95) Naphthalene	15.13	128	280721	25.77	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	1520	0.25	ug/l #	80

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Quant Title : SW846 8260
QLast Update : Fri Sep 21 03:27:45 2018
Response via : Initial Calibration

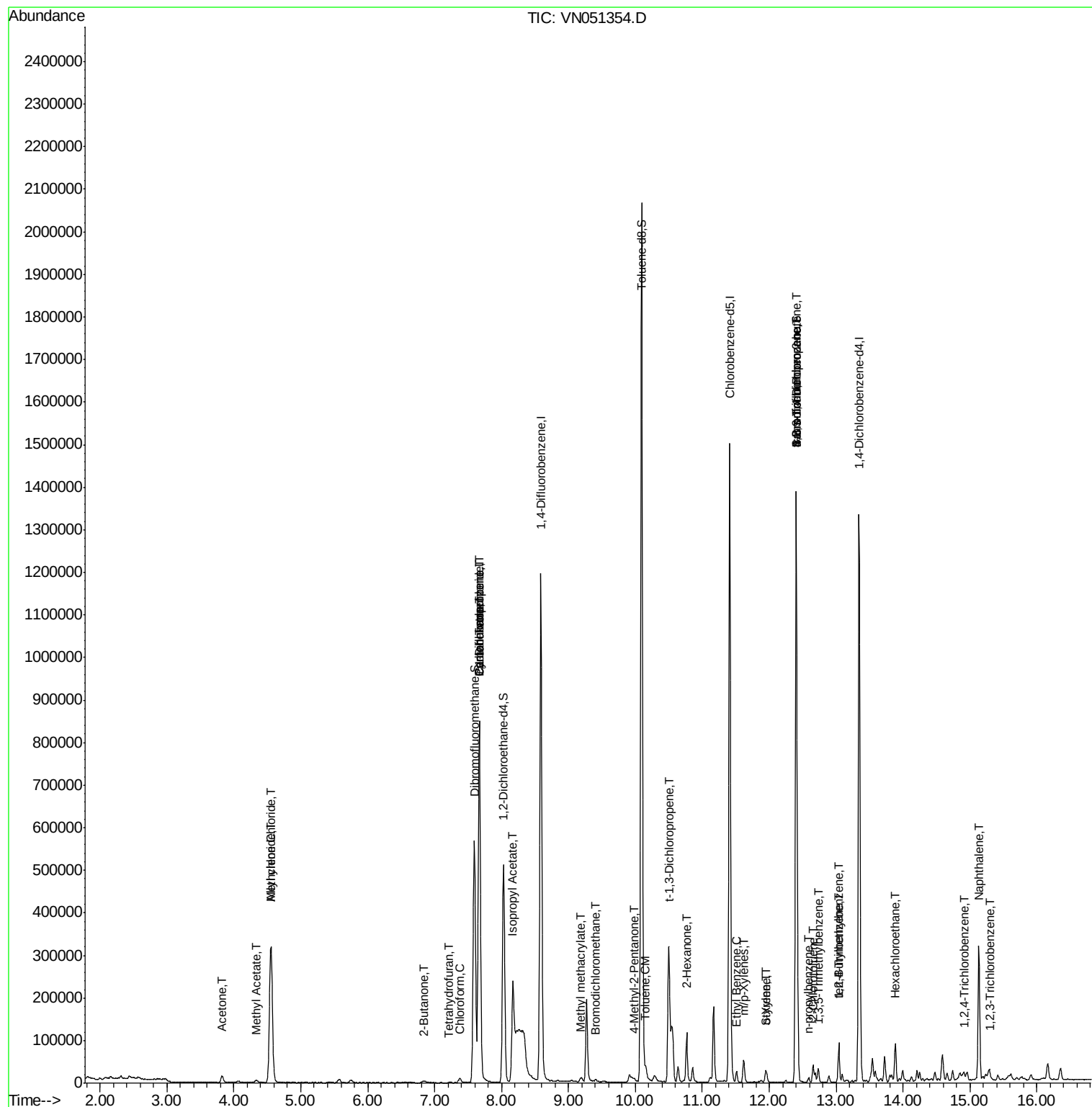
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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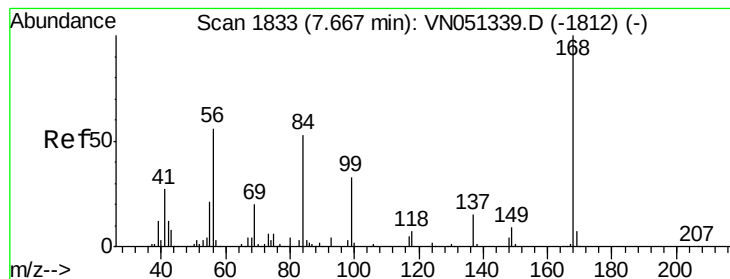
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051354.D

Acq: 20 Sep 2018 21:23

Instrument :

MSVOA_N

ClientSampleId :

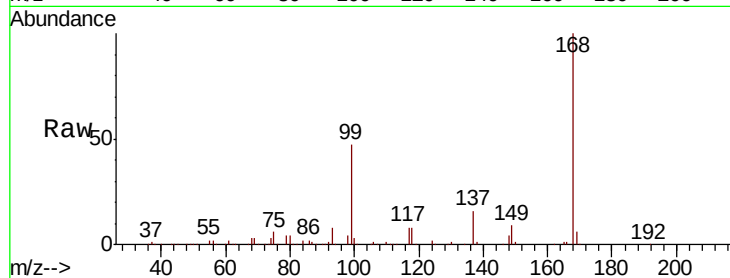
BS-OILY-STONE

Tot Ion:168 Resp: 780500

Ion Ratio Lower Upper

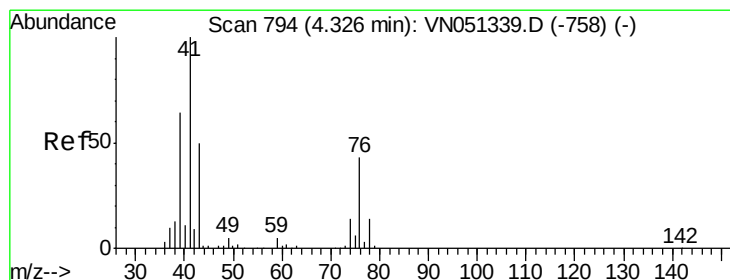
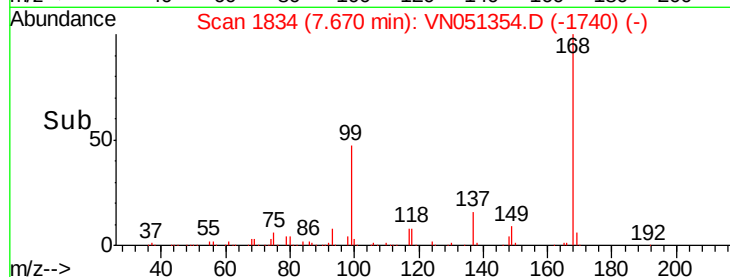
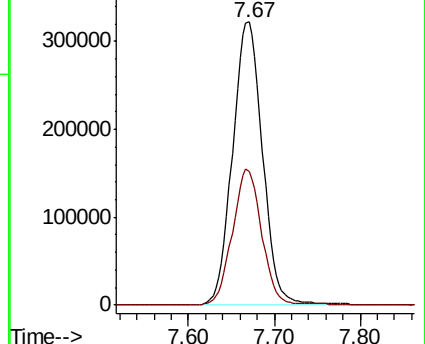
168 100

99 47.1 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#14

Allyl chloride

Concen: 0.55 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.22 min

Lab File: VN051354.D

Acq: 20 Sep 2018 21:23

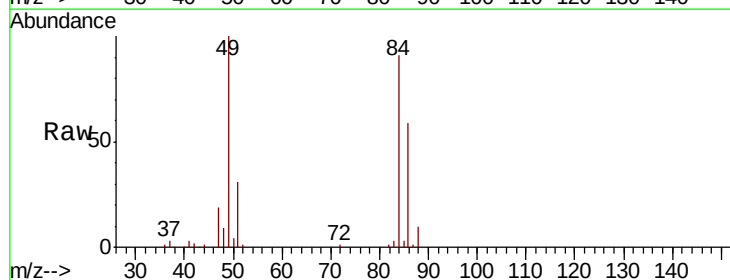
Tgt Ion: 41 Resp: 5681

Ion Ratio Lower Upper

41 100

39 0.0 50.4 75.6#

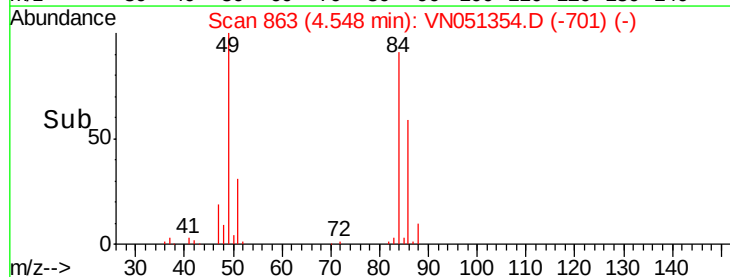
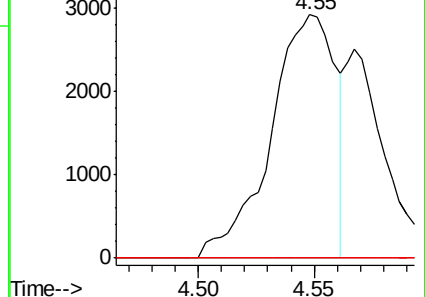
76 0.0 32.4 48.6#

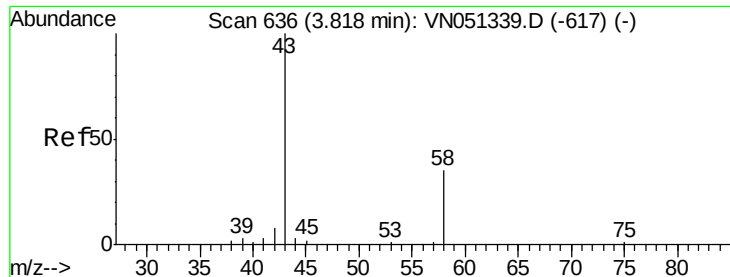


Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN





#16

Acetone

Concen: 15.57 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN051354.D

Acq: 20 Sep 2018 21:23

Instrument :

MSVOA_N

ClientSampleId :

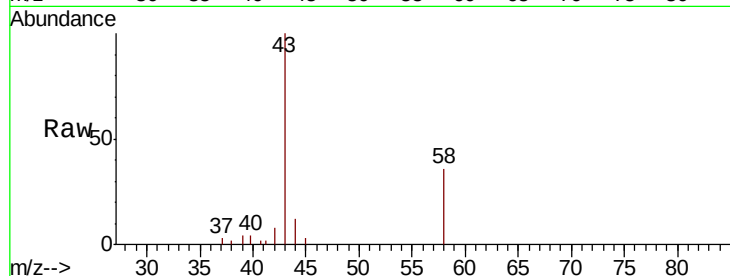
BS-OILY-STONE

Tot Ion: 43 Resp: 27052

Ion Ratio Lower Upper

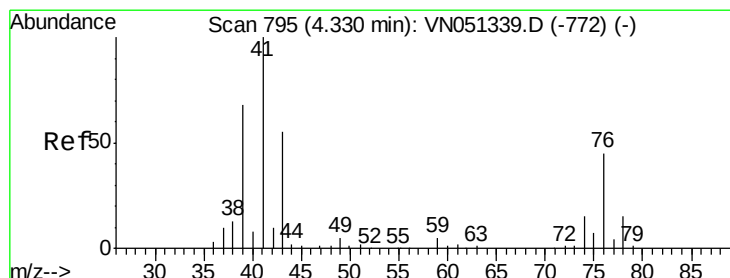
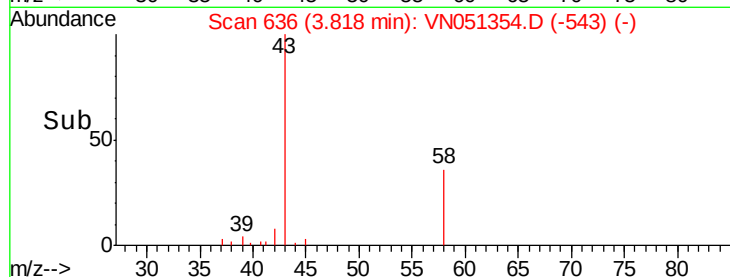
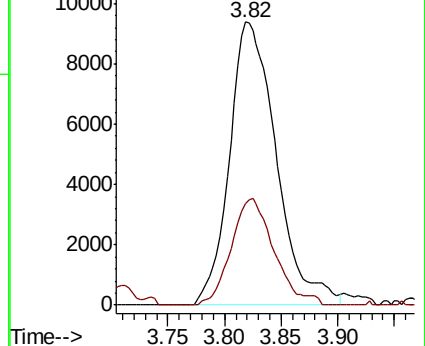
43 100

58 35.7 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 1.03 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN051354.D

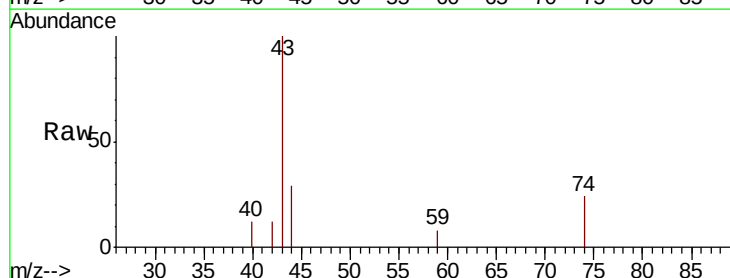
Acq: 20 Sep 2018 21:23

Tgt Ion: 43 Resp: 6130

Ion Ratio Lower Upper

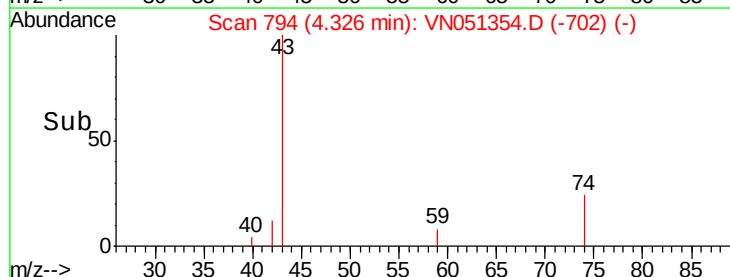
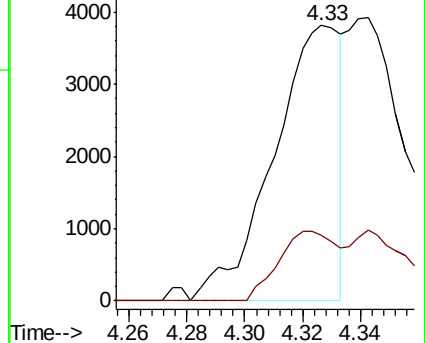
43 100

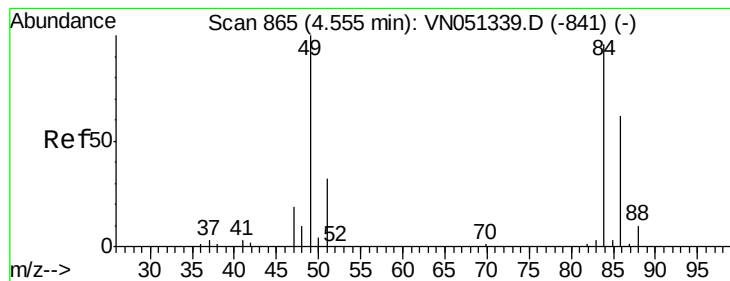
74 21.7 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methvlene Chloride

Concen: 30.47 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051354.D

Acq: 20 Sep 2018 21:23

Instrument :

MSVOA_N

ClientSampleId :

BS-OILY-STONE

Tot Ion: 84 Resp: 264992

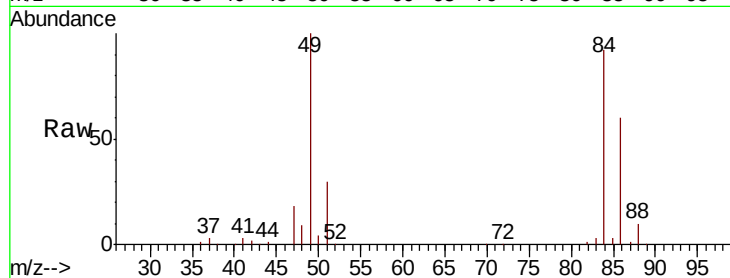
Ion Ratio Lower Upper

84 100

49 108.8 83.2 124.8

51 32.7 26.4 39.6

86 65.0 51.4 77.0



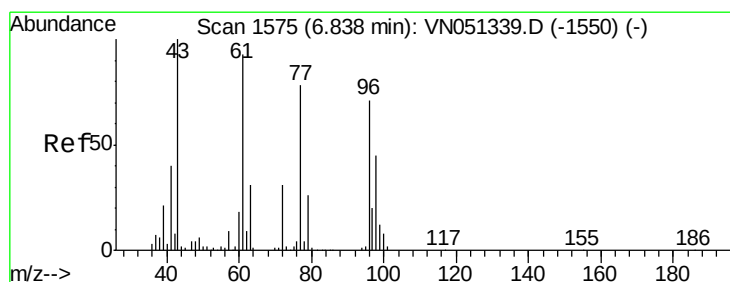
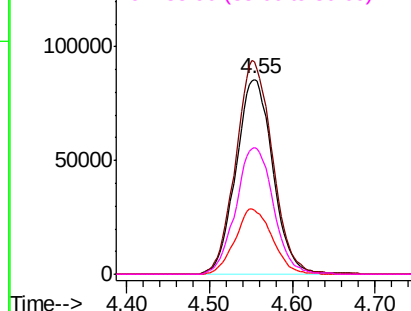
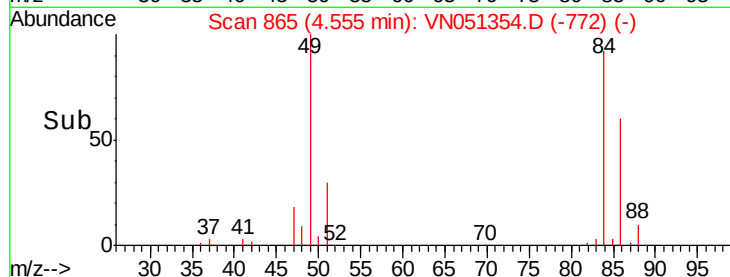
Abundance

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



#25

2-Butanone

Concen: 1.68 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.01 min

Lab File: VN051354.D

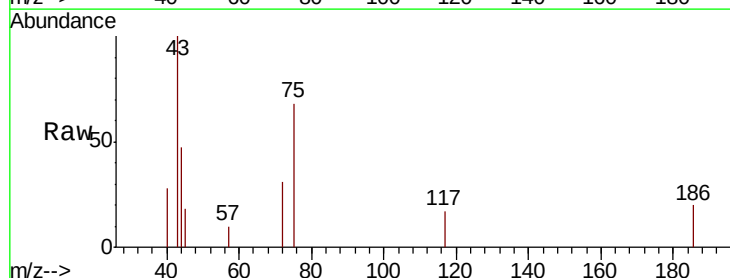
Acq: 20 Sep 2018 21:23

Tgt Ion: 43 Resp: 4053

Ion Ratio Lower Upper

43 100

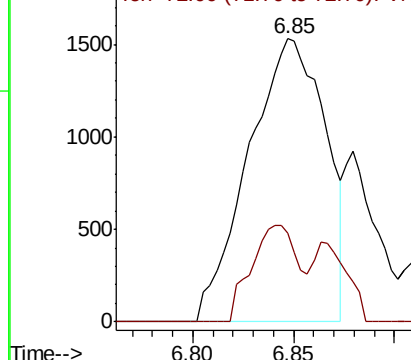
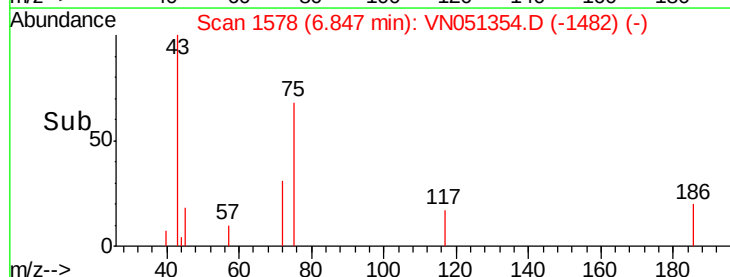
72 31.2 24.7 37.1

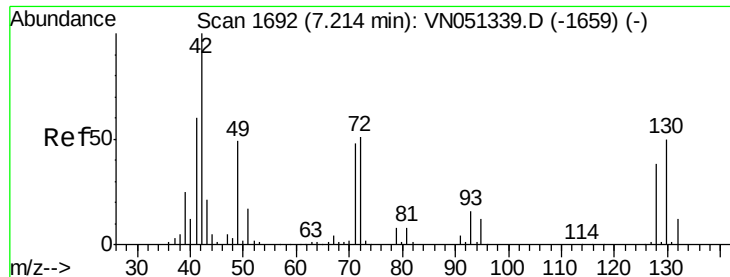


Abundance

Ion 43.00 (42.70 to 43.70): VNC

Ion 72.00 (71.70 to 72.70): VNC





#29

Tetrahydrofuran

Concen: 0.52 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN051354.D

Acq: 20 Sep 2018 21:23

Instrument :

MSVOA_N

ClientSampleId :

BS-OILY-STONE

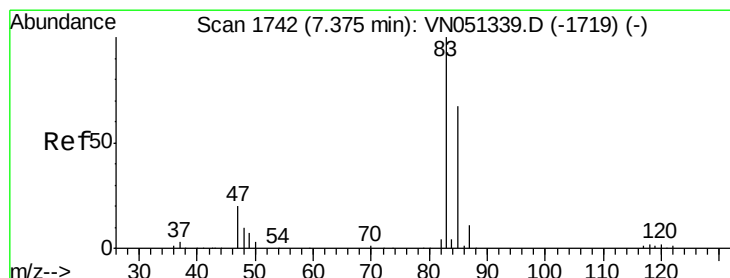
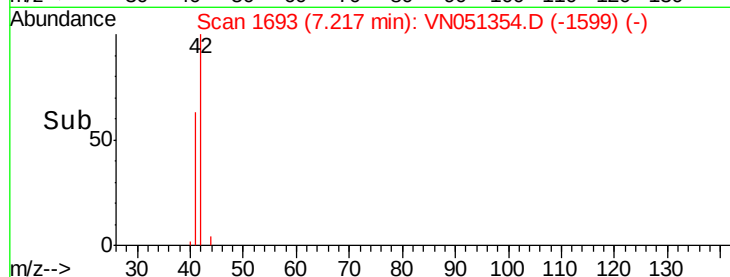
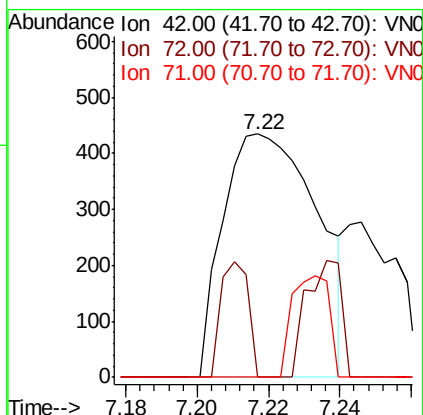
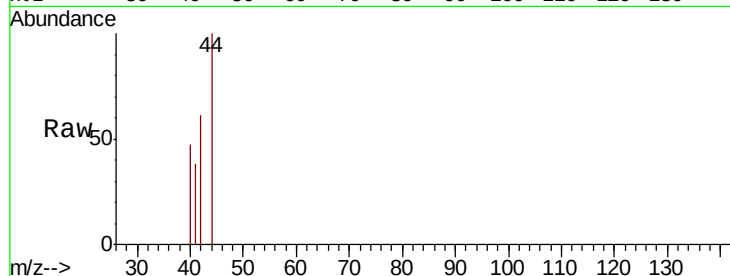
Tot Ion: 42 Resp: 793

Ion Ratio Lower Upper

42 100

72 13.9 39.0 58.4#

71 0.0 36.5 54.7#



#30

Chloroform

Concen: 0.64 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.00 min

Lab File: VN051354.D

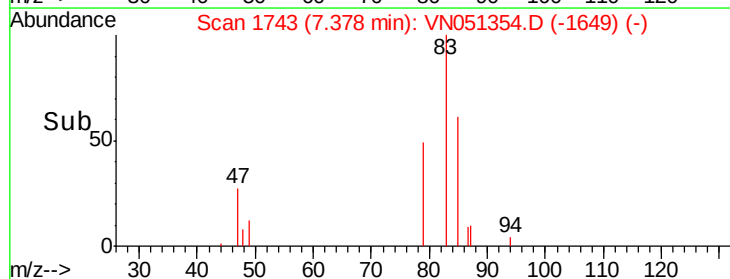
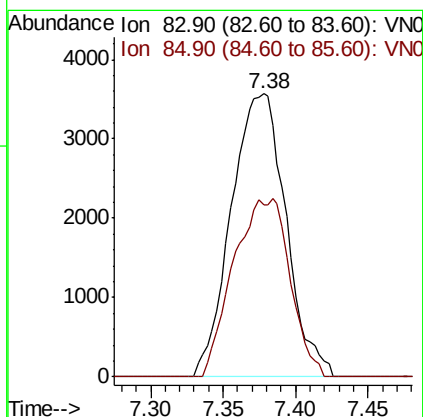
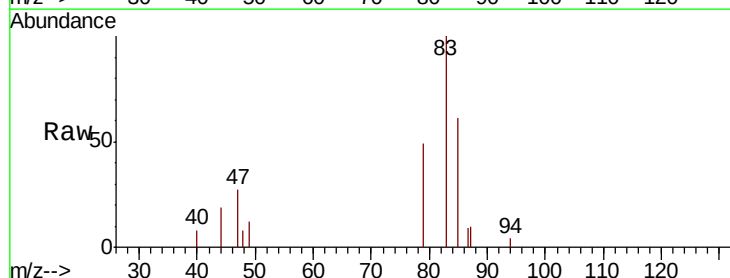
Acq: 20 Sep 2018 21:23

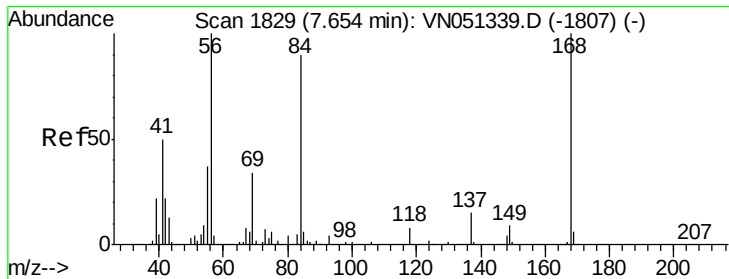
Tgt Ion: 83 Resp: 9359

Ion Ratio Lower Upper

83 100

85 60.9 53.2 79.8





#31

Cyclohexane

Concen: 0.90 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.02 min

Lab File: VN051354.D

Acq: 20 Sep 2018 21:23

Instrument :

MSVOA_N

ClientSampleId :

BS-OILY-STONE

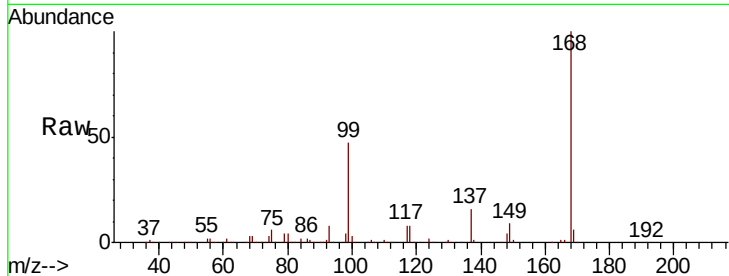
Tot Ion: 56 Resp: 12291

Ion Ratio Lower Upper

56 100

69 171.3 27.3 40.9#

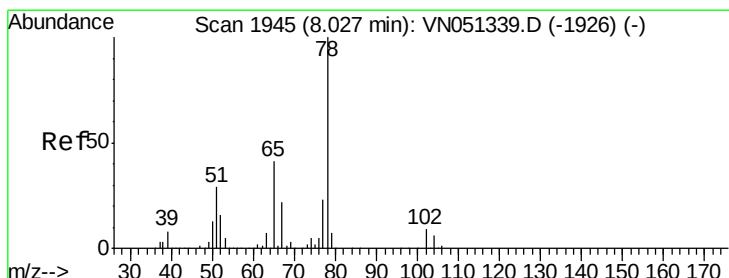
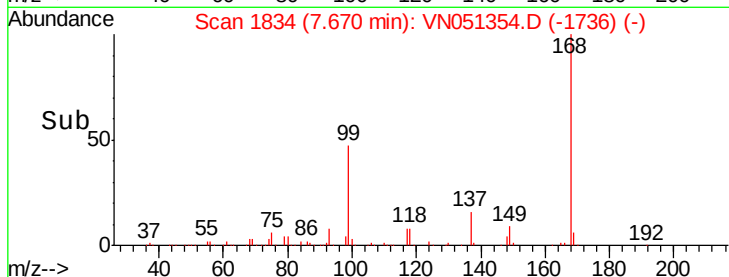
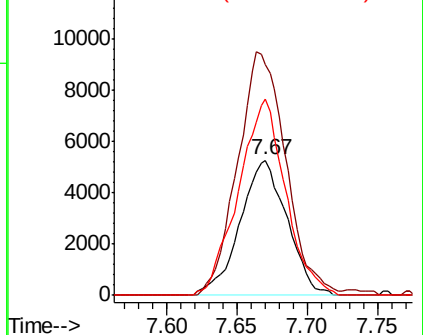
84 145.5 72.2 108.2#



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: 52.09 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051354.D

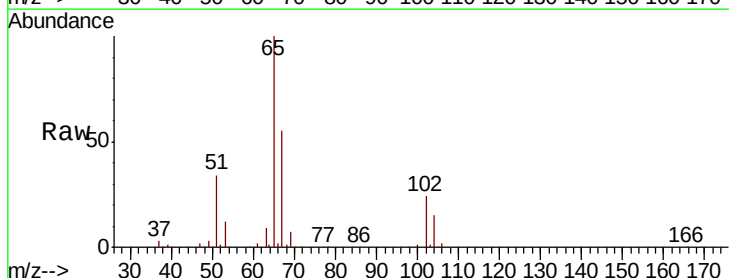
Acq: 20 Sep 2018 21:23

Tgt Ion: 65 Resp: 440641

Ion Ratio Lower Upper

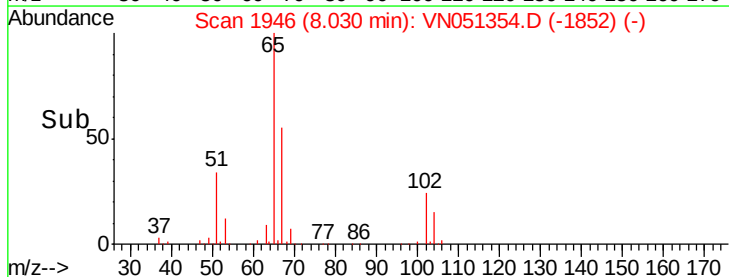
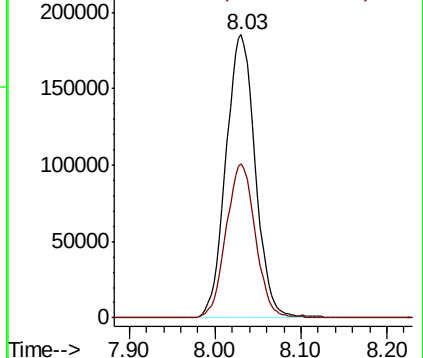
65 100

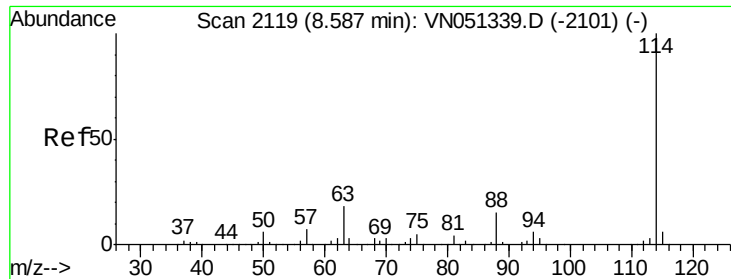
67 54.4 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

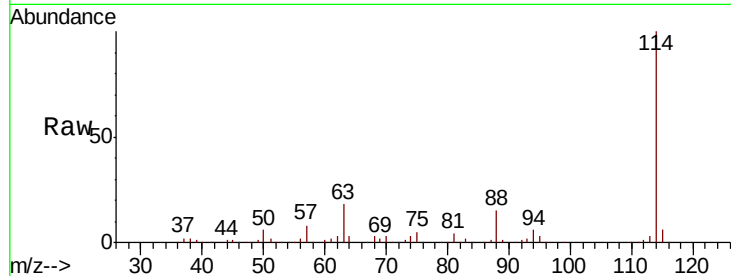




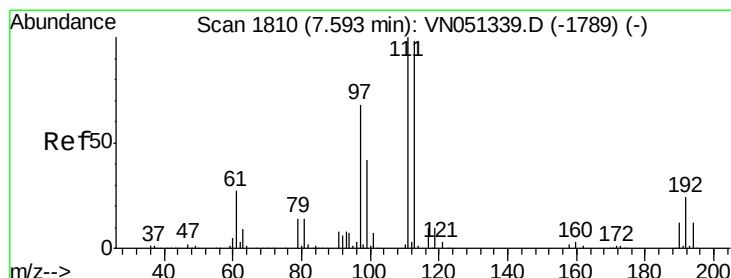
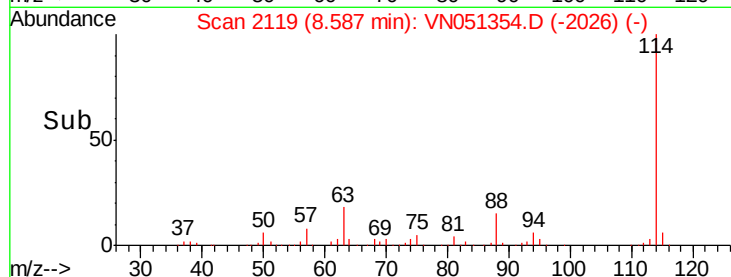
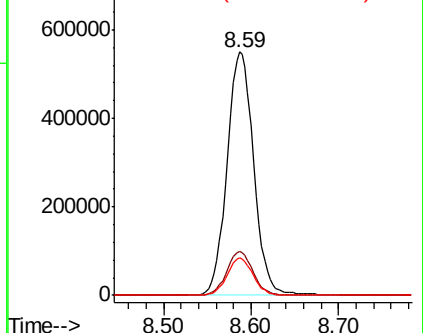
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051354.D
 Acq: 20 Sep 2018 21:23

Instrument :
 MSVOA_N
 ClientSampleId :
 BS-OILY-STONE

Tot Ion:114 Resp: 1162088
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.6
 88 15.4 0.0 29.8

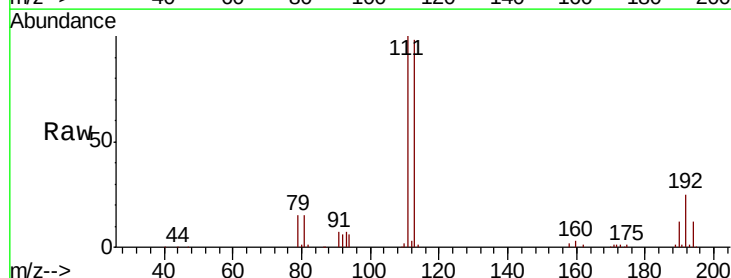


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

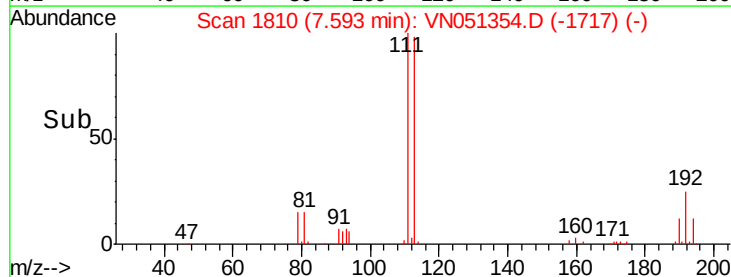
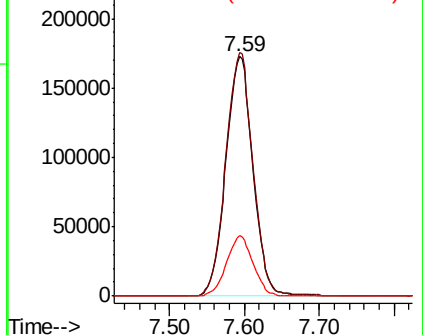


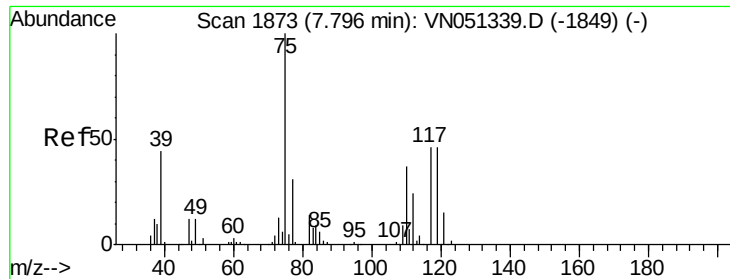
#35
 Dibromofluoromethane
 Concen: 46.24 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051354.D
 Acq: 20 Sep 2018 21:23

Tgt Ion:113 Resp: 434220
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.9 122.9
 192 24.6 19.8 29.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

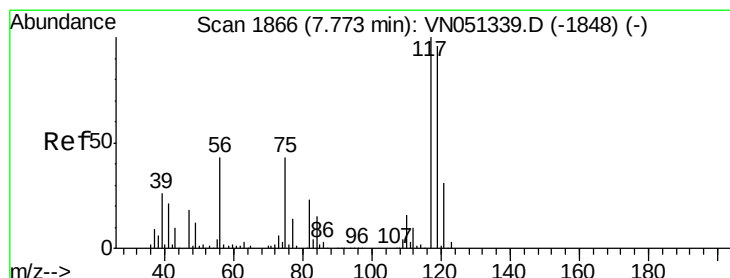
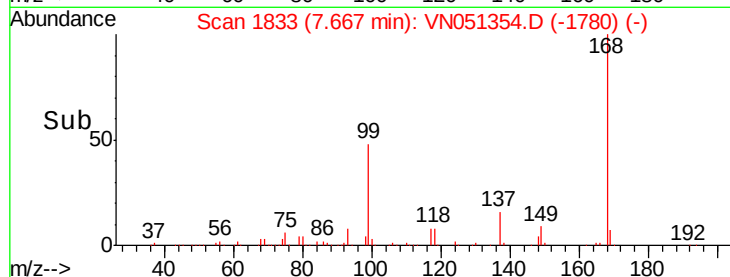
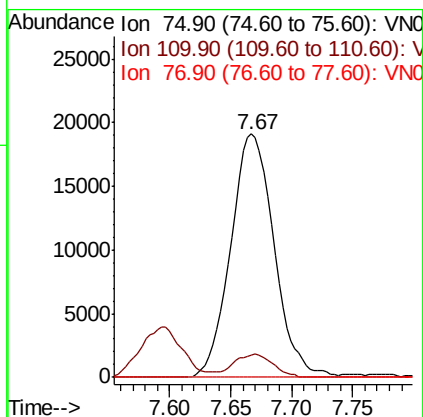
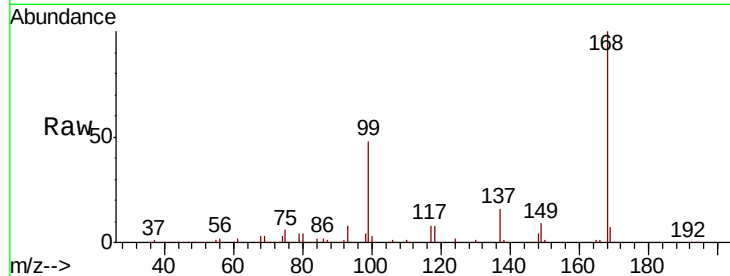




#36
 1,1-Dichloropropene
 Concen: 3.97 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051354.D
 Acq: 20 Sep 2018 21:23

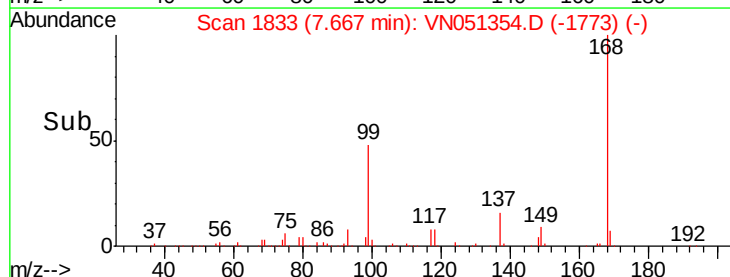
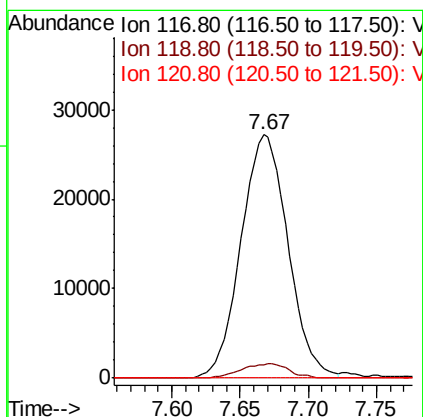
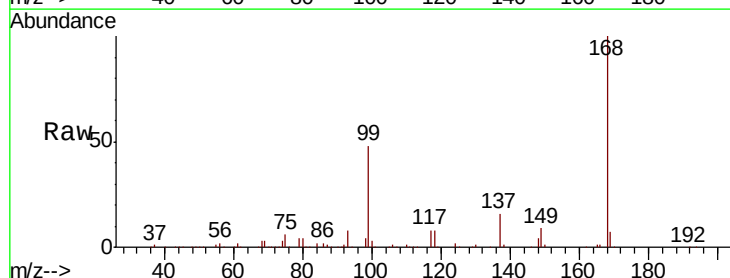
Instrument :
 MSVOA_N
 ClientSampleId :
 BS-OILY-STONE

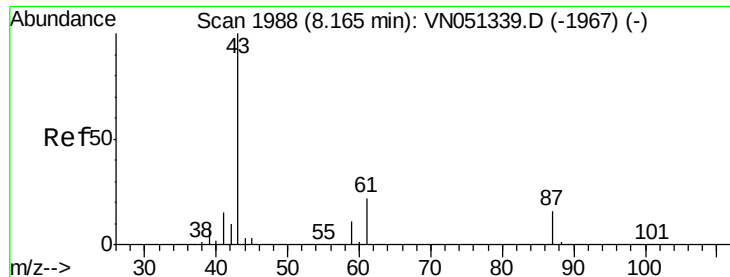
Tot Ion: 75 Resp: 47228
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.9 56.5#
 77 0.0 25.4 38.2#



#38
 Carbon Tetrachloride
 Concen: 5.06 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN051354.D
 Acq: 20 Sep 2018 21:23

Tgt Ion: 117 Resp: 65104
 Ion Ratio Lower Upper
 117 100
 119 5.6 77.0 115.4#
 121 0.0 25.0 37.4#





#43

Isopropyl Acetate

Concen: 29.35 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051354.D

Acq: 20 Sep 2018 21:23

Instrument :

MSVOA_N

ClientSampleId :

BS-OILY-STONE

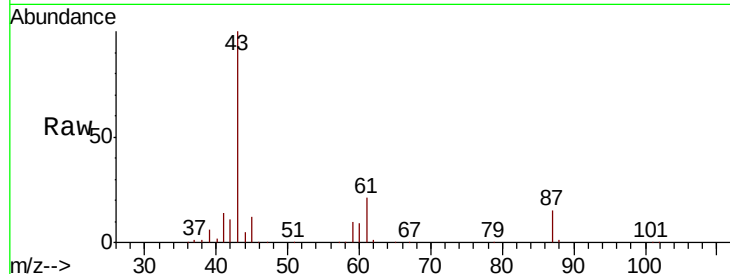
Tot Ion: 43 Resp: 302472

Ion Ratio Lower Upper

43 100

61 17.7 18.1 27.1#

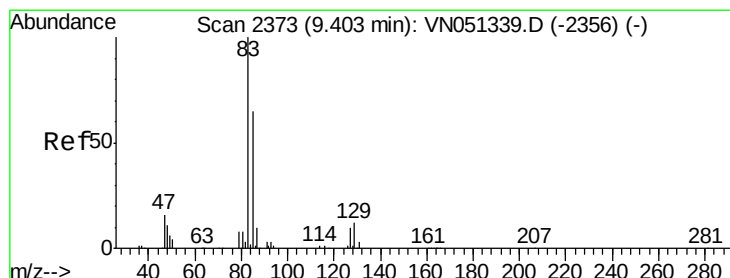
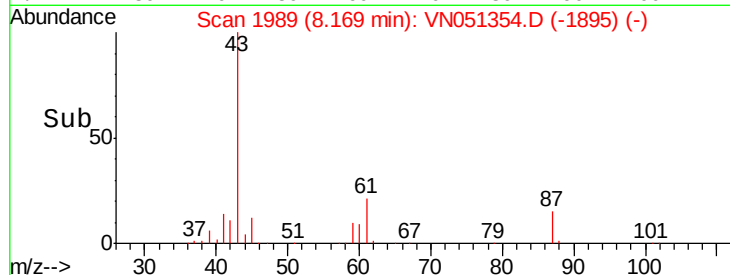
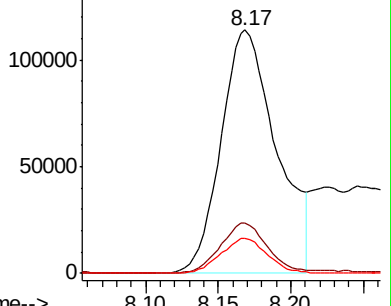
87 12.2 12.8 19.2#



Abundance Ion 43.00 (42.70 to 43.70): VN051339.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN051339.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN051339.D (-1967) (-)



#47

Bromodichloromethane

Concen: 0.24 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN051354.D

Acq: 20 Sep 2018 21:23

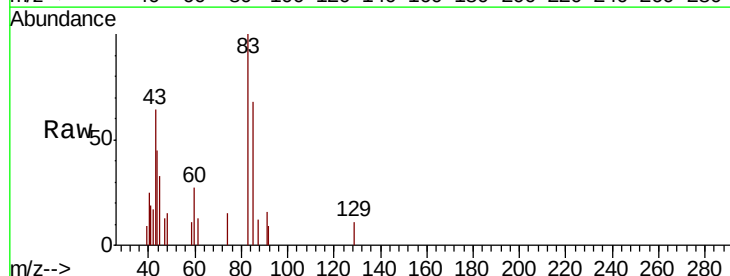
Tgt Ion: 83 Resp: 2929

Ion Ratio Lower Upper

83 100

85 67.6 51.6 77.4

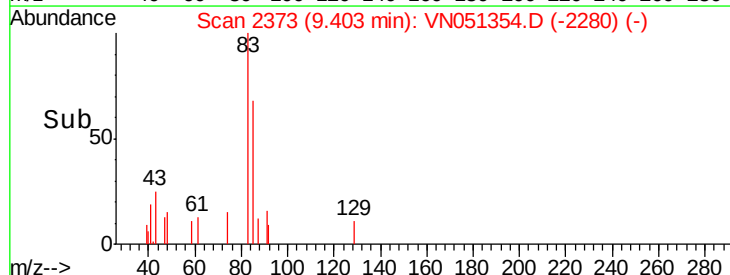
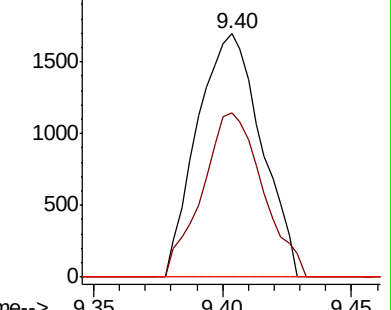
127 0.0 7.8 11.6#

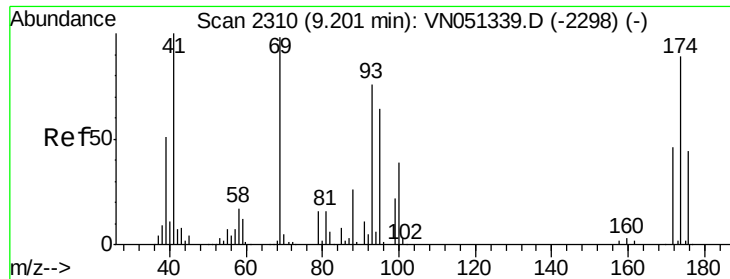


Abundance Ion 82.90 (82.60 to 83.60): VN051339.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN051339.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN051339.D (-2356) (-)

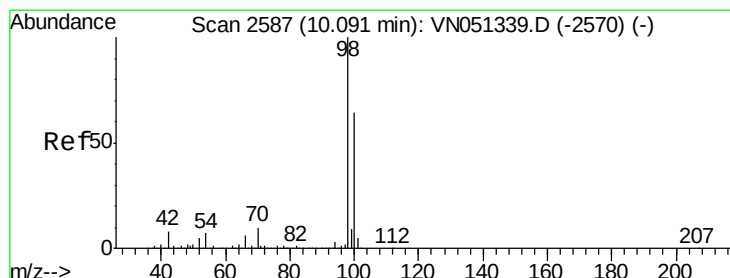
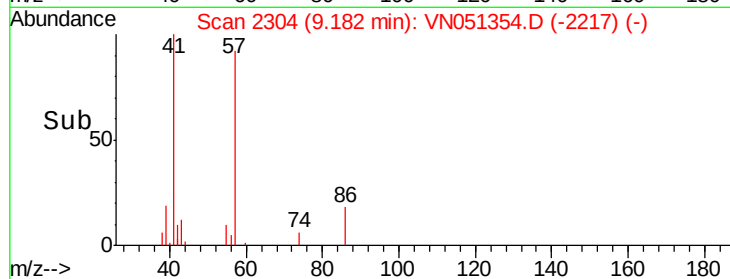
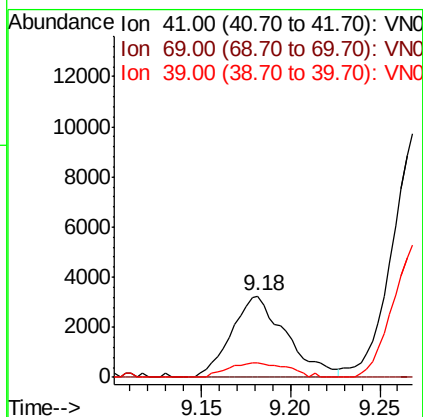
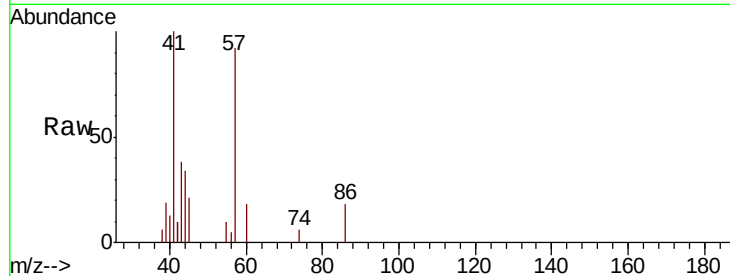




#48
Methyl methacrylate
Concen: 1.32 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN051354.D
Acq: 20 Sep 2018 21:23

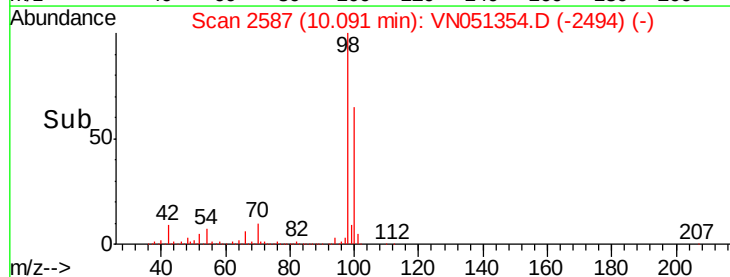
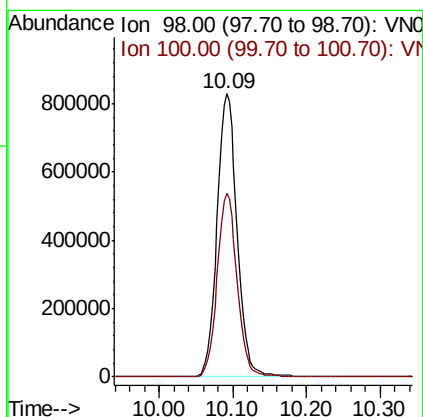
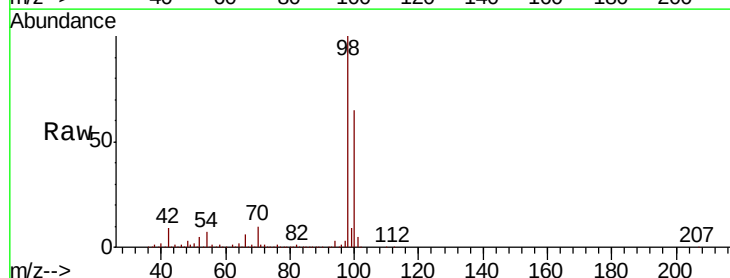
Instrument :
MSVOA_N
ClientSampleId :
BS-OILY-STONE

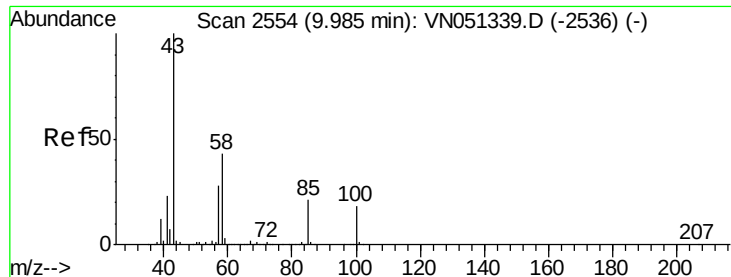
Tot Ion: 41 Resp: 6929
Ion Ratio Lower Upper
41 100
69 0.0 79.4 119.0#
39 19.6 43.0 64.6#



#50
Toluene-d8
Concen: 43.23 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051354.D
Acq: 20 Sep 2018 21:23

Tgt Ion: 98 Resp: 1560693
Ion Ratio Lower Upper
98 100
100 64.5 51.3 76.9

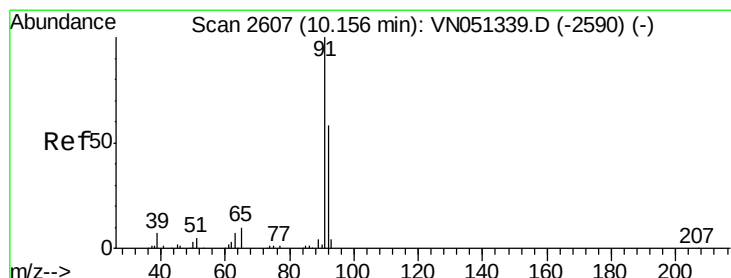
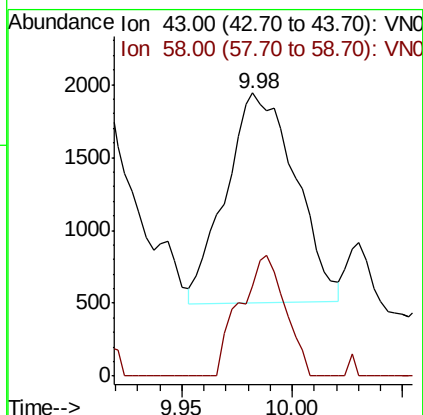
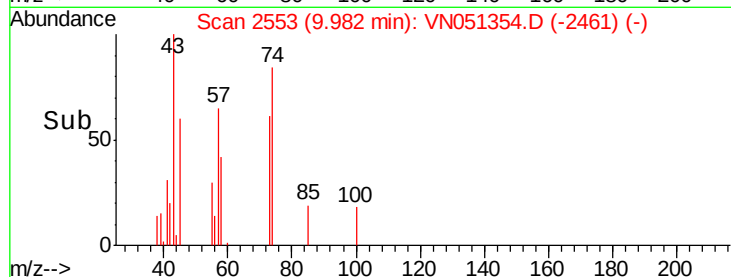
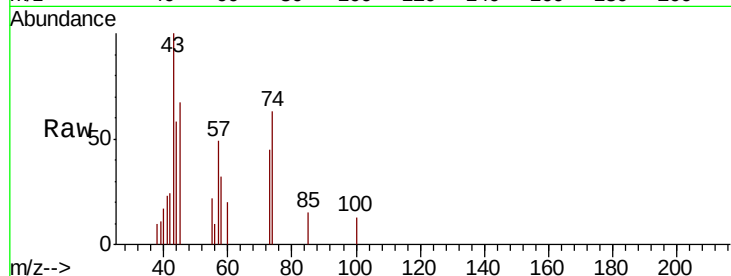




#51
 4-Methyl-2-Pentanone
 Concen: 0.57 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: VN051354.D
 Acq: 20 Sep 2018 21:23

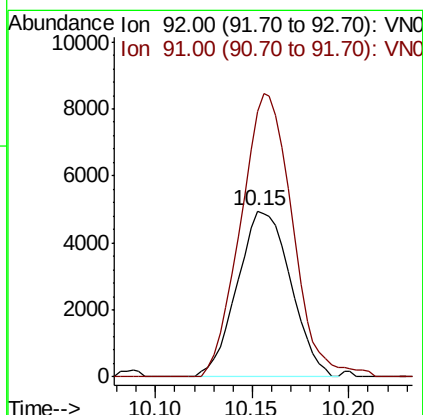
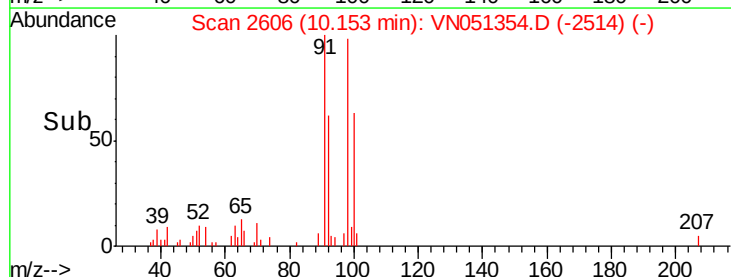
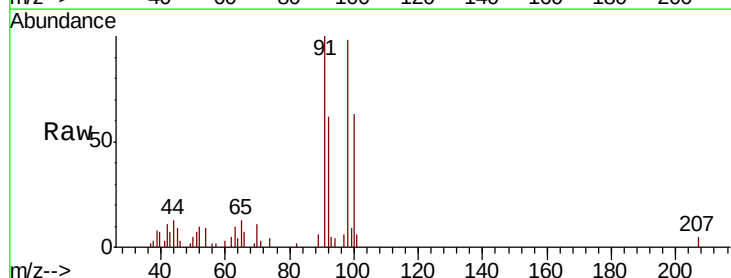
Instrument :
 MSVOA_N
 ClientSampleId :
 BS-OILY-STONE

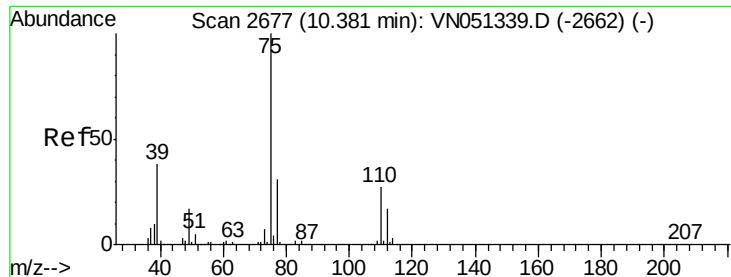
Tot Ion: 43 Resp: 3144
 Ion Ratio Lower Upper
 43 100
 58 37.5 34.2 51.4



#52
 Toluene
 Concen: 0.43 ug/l
 RT: 10.15 min Scan# 2606
 Delta R.T. -0.00 min
 Lab File: VN051354.D
 Acq: 20 Sep 2018 21:23

Tgt Ion: 92 Resp: 9479
 Ion Ratio Lower Upper
 92 100
 91 166.1 139.7 209.5

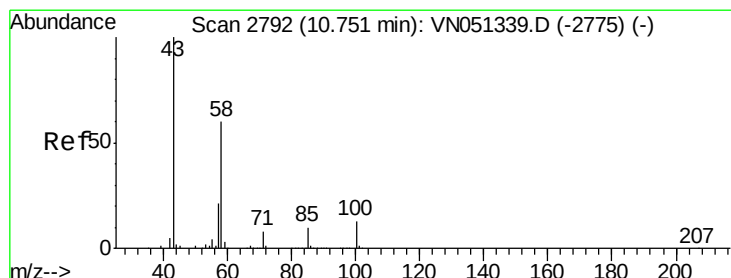
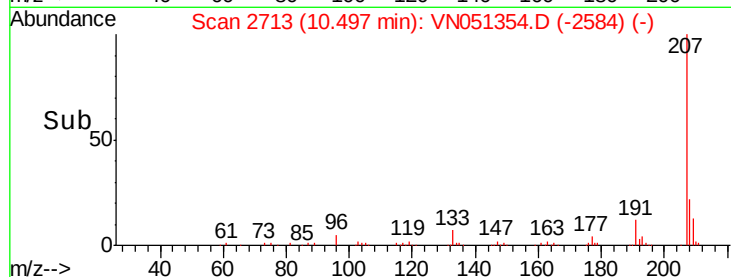
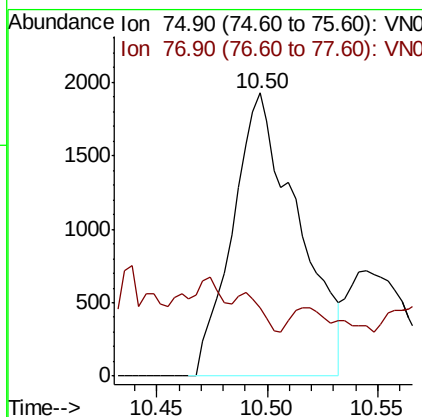
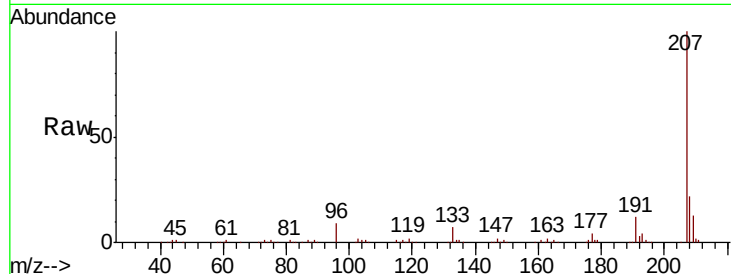




#53
t-1,3-Dichloropropene
Concen: 0.34 ug/l
RT: 10.50 min Scan# 2713
Delta R.T. 0.12 min
Lab File: VN051354.D
Acq: 20 Sep 2018 21:23

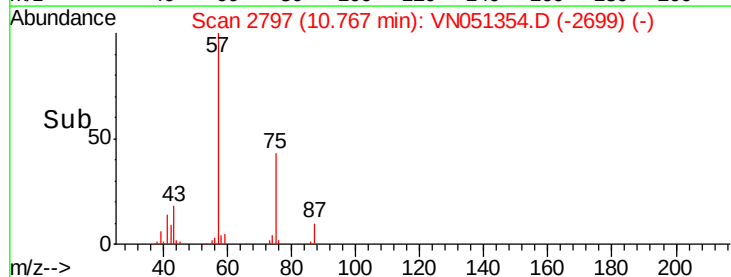
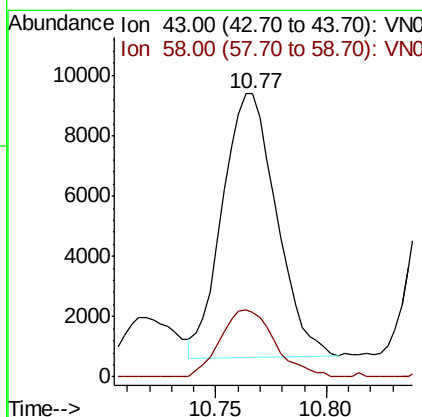
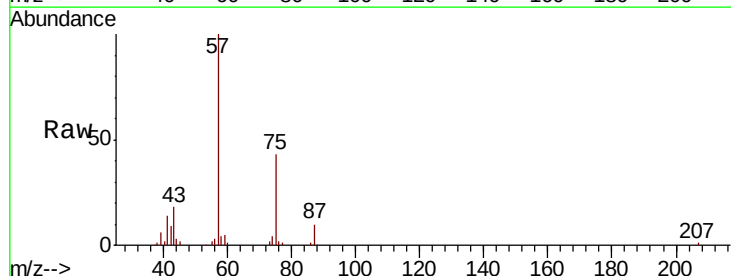
Instrument :
MSVOA_N
ClientSampleId :
BS-OILY-STONE

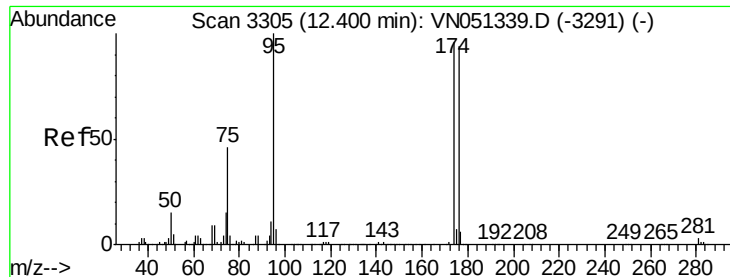
Tot Ion: 75 Resp: 3959
Ion Ratio Lower Upper
75 100
77 4.5 25.5 38.3#



#59
2-Hexanone
Concen: 3.96 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.02 min
Lab File: VN051354.D
Acq: 20 Sep 2018 21:23

Tgt Ion: 43 Resp: 14810
Ion Ratio Lower Upper
43 100
58 25.7 29.9 89.8#





#62

4-Bromofluorobenzene

Concen: 37.49 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051354.D

Acq: 20 Sep 2018 21:23

Instrument :

MSVOA_N

ClientSampleId :

BS-OILY-STONE

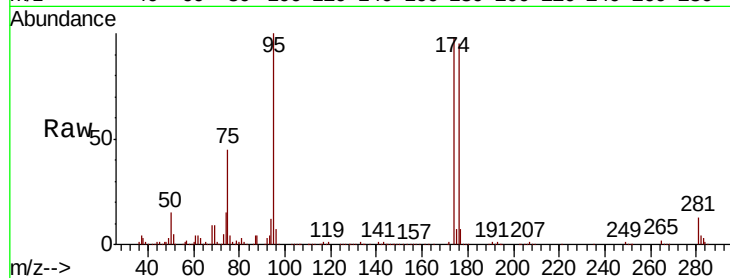
Tot Ion: 95 Resp: 440385

Ion Ratio Lower Upper

95 100

174 97.0 0.0 194.6

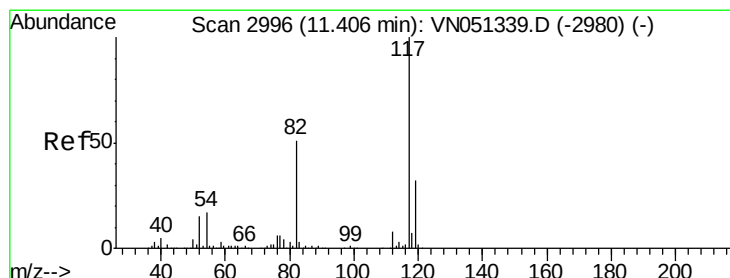
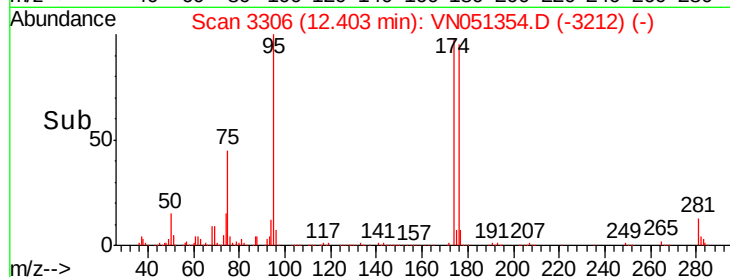
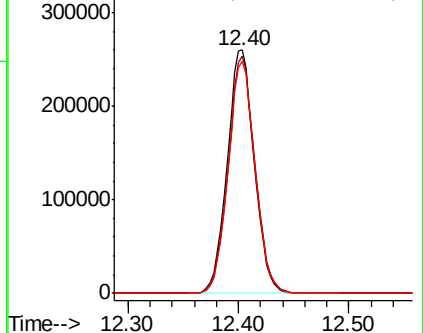
176 94.8 0.0 189.6



Abundance Ion 94.90 (94.60 to 95.60): VN051339.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN051339.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN051339.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051354.D

Acq: 20 Sep 2018 21:23

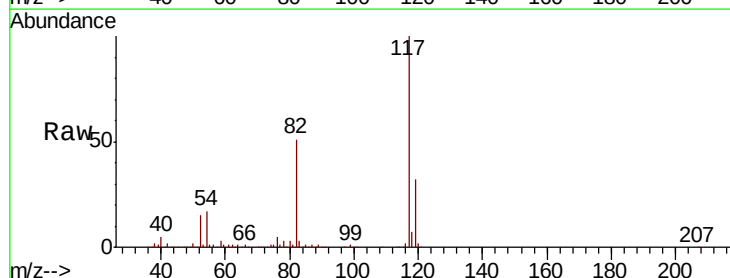
Tgt Ion: 117 Resp: 980024

Ion Ratio Lower Upper

117 100

82 51.4 40.7 61.1

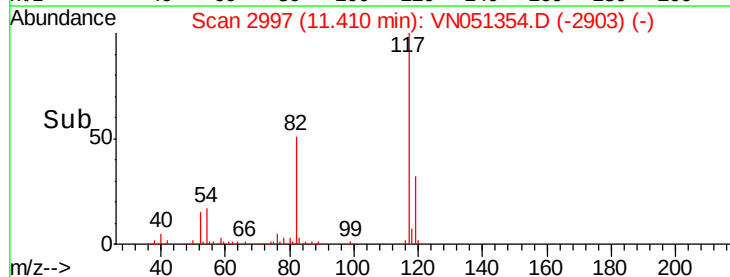
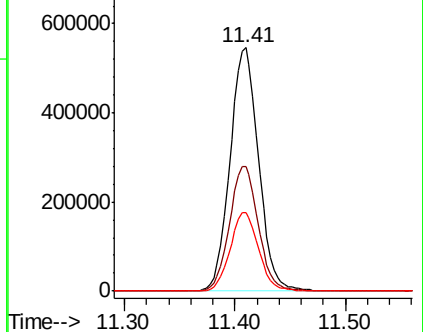
119 32.4 25.3 37.9

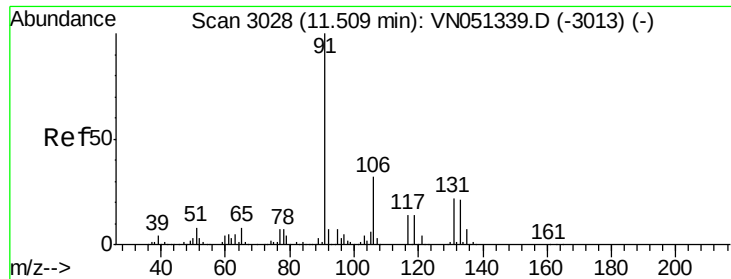


Abundance Ion 116.90 (116.60 to 117.60): VN051339.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN051339.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN051339.D (-2980) (-)

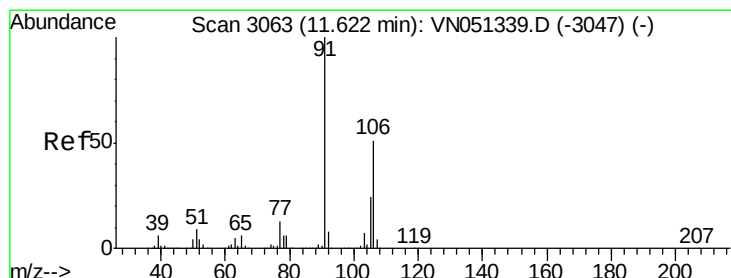
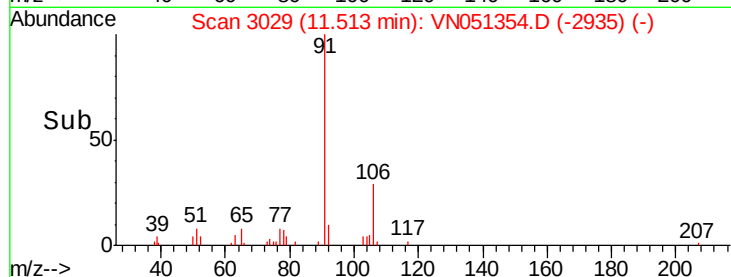
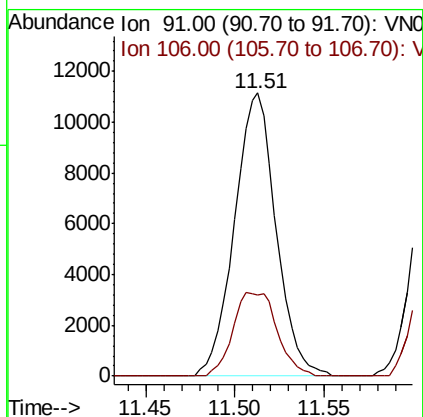
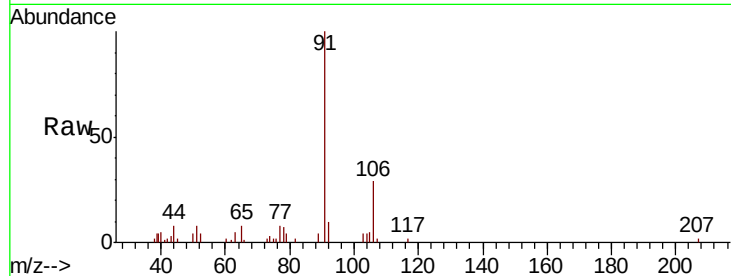




#67
Ethyl Benzene
Concen: 0.49 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051354.D
Acq: 20 Sep 2018 21:23

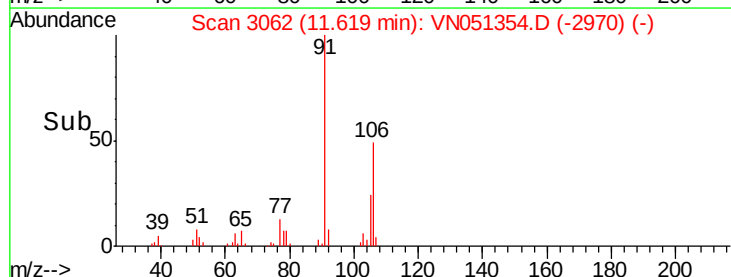
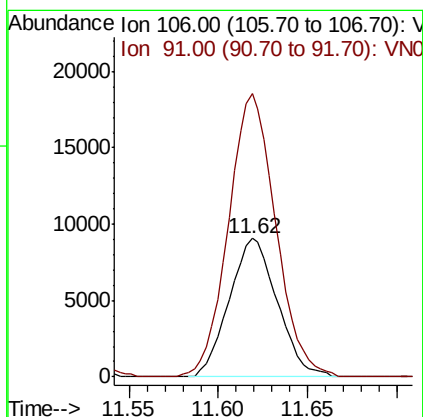
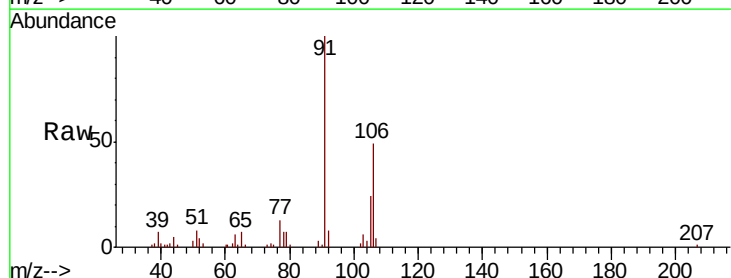
Instrument :
MSVOA_N
ClientSampleId :
BS-OILY-STONE

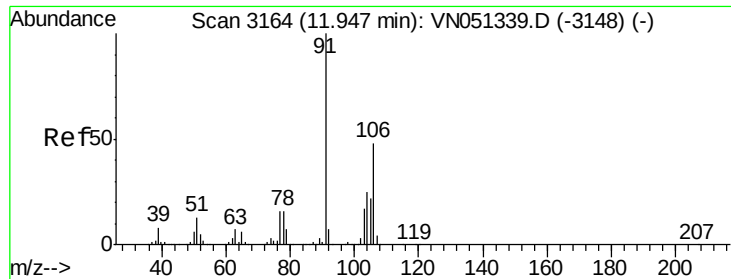
Tot Ion: 91 Resp: 18130
Ion Ratio Lower Upper
91 100
106 28.6 25.8 38.8



#68
m/p-Xylenes
Concen: 1.18 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051354.D
Acq: 20 Sep 2018 21:23

Tgt Ion: 106 Resp: 17016
Ion Ratio Lower Upper
106 100
91 201.6 156.5 234.7

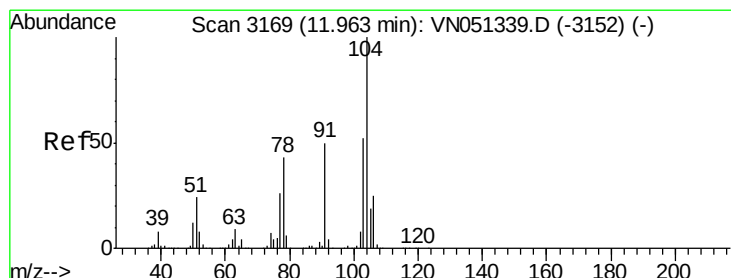
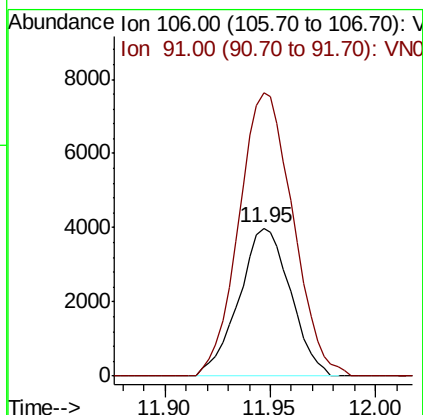
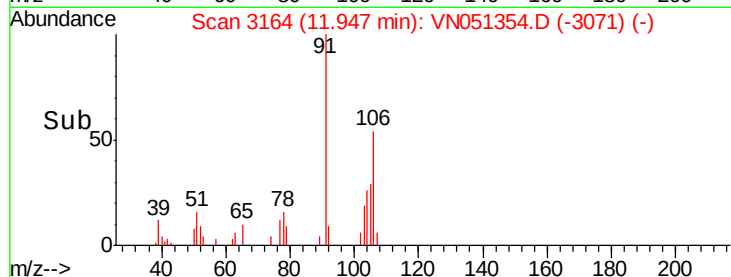
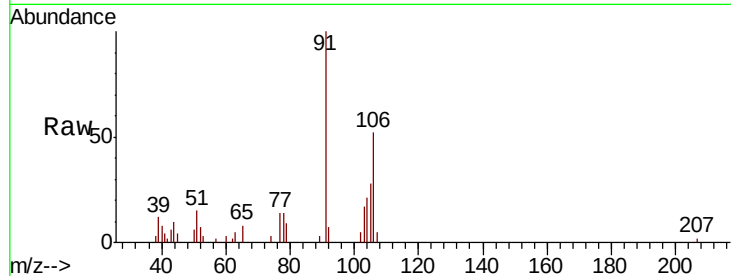




#69
o-Xylene
Concen: 0.49 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051354.D
Acq: 20 Sep 2018 21:23

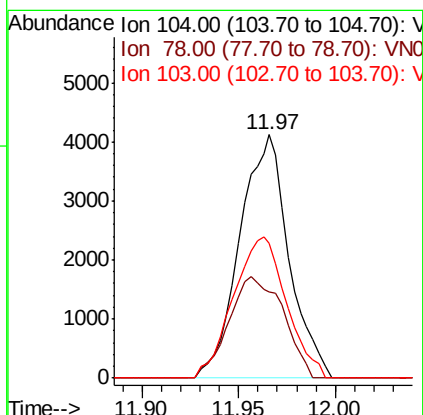
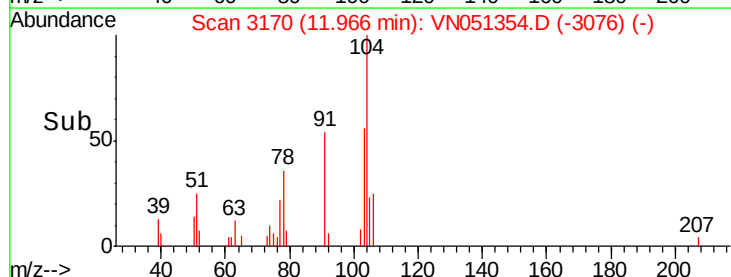
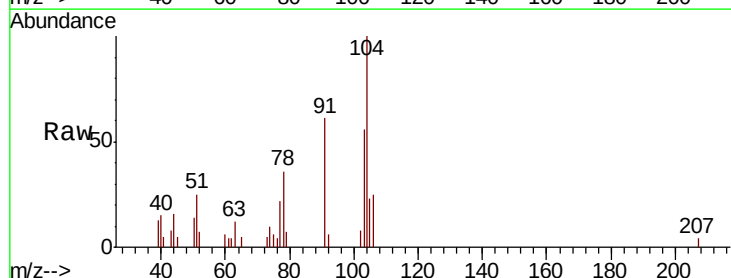
Instrument :
MSVOA_N
ClientSampleId :
BS-OILY-STONE

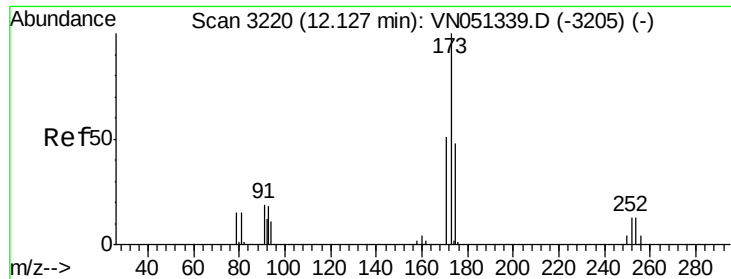
Tot Ion:106 Resp: 6768
Ion Ratio Lower Upper
106 100
91 200.9 104.6 313.7



#70
Styrene
Concen: 0.34 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN051354.D
Acq: 20 Sep 2018 21:23

Tgt Ion:104 Resp: 7254
Ion Ratio Lower Upper
104 100
78 46.4 37.8 56.6
103 62.7 44.3 66.5





#71

Bromoform

Concen: 0.29 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN051354.D

Acq: 20 Sep 2018 21:23

Instrument :

MSVOA_N

ClientSampleId :

BS-OILY-STONE

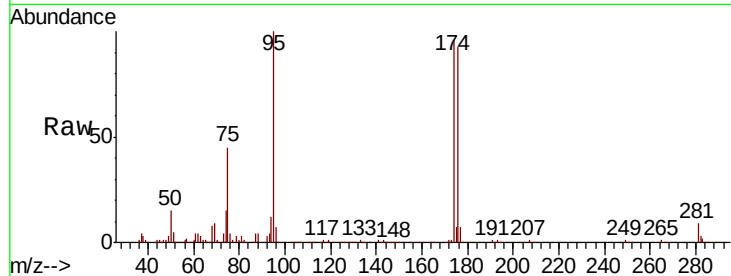
Tot Ion:173 Resp: 1774

Ion Ratio Lower Upper

173 100

175 1518.0 24.3 73.0#

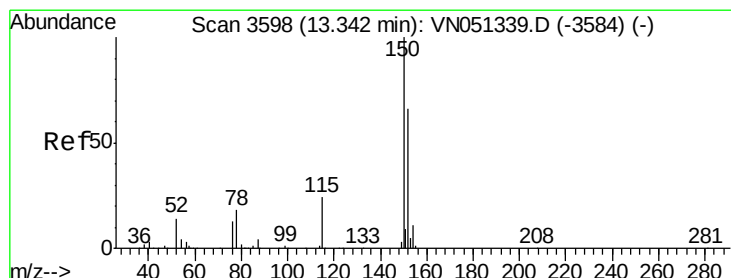
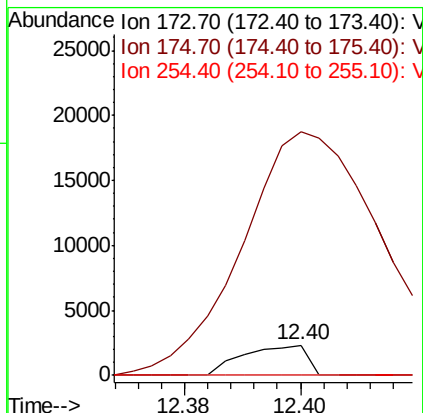
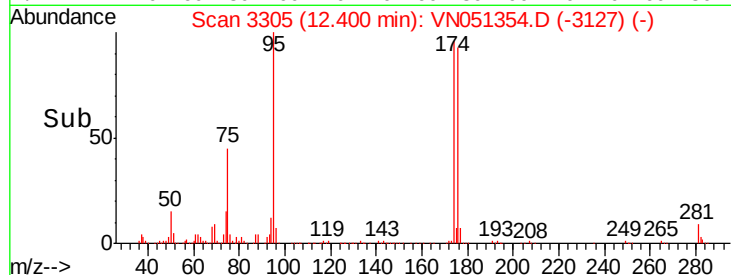
254 0.0 0.1 0.1#



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN051354.D

Acq: 20 Sep 2018 21:23

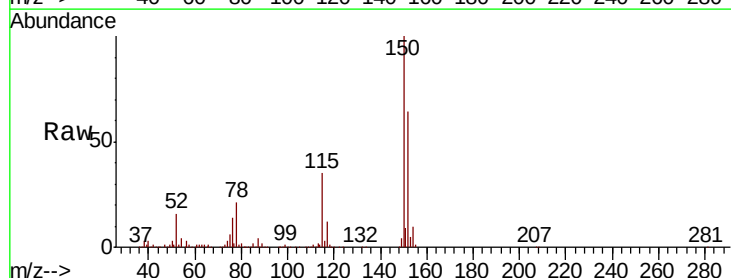
Tgt Ion:152 Resp: 409998

Ion Ratio Lower Upper

152 100

115 54.2 26.9 80.7

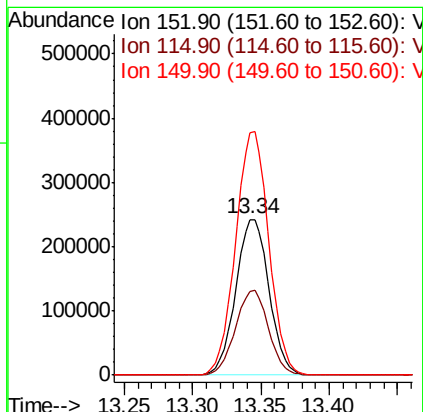
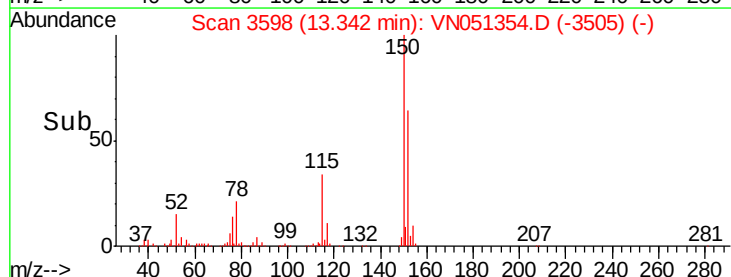
150 155.8 0.0 345.0

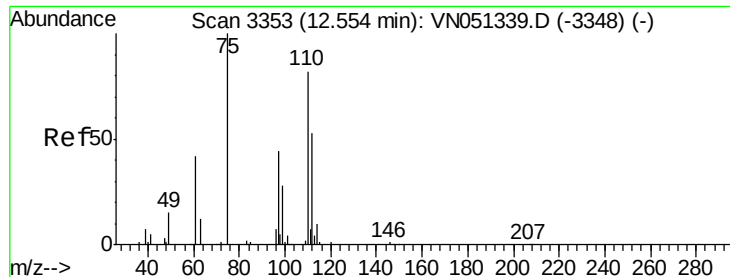


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 33.89 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051354.D

Acq: 20 Sep 2018 21:23

Instrument :

MSVOA_N

ClientSampleId :

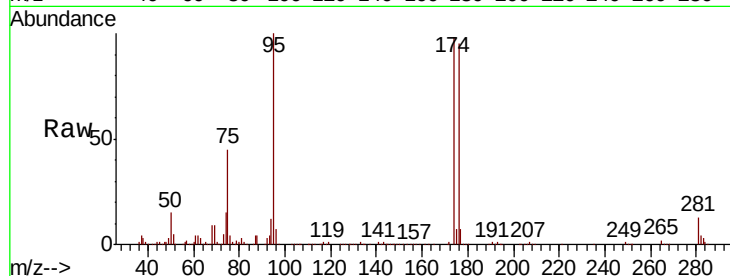
BS-OILY-STONE

Tot Ion: 75 Resp: 200649

Ion Ratio Lower Upper

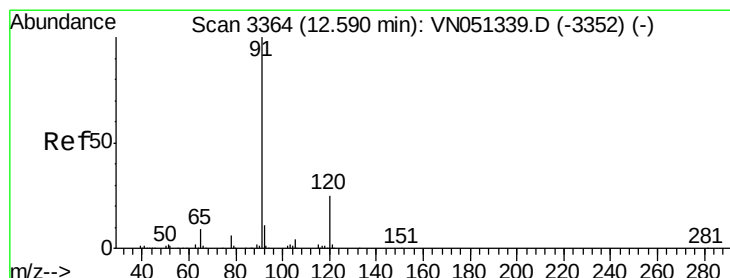
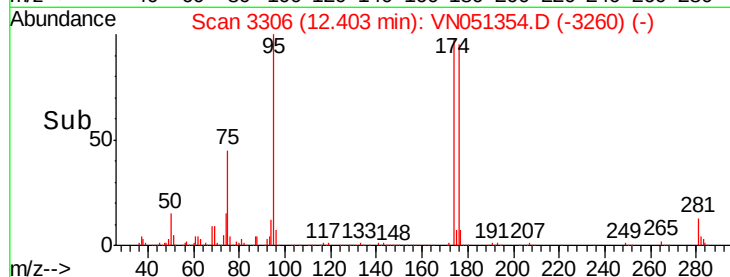
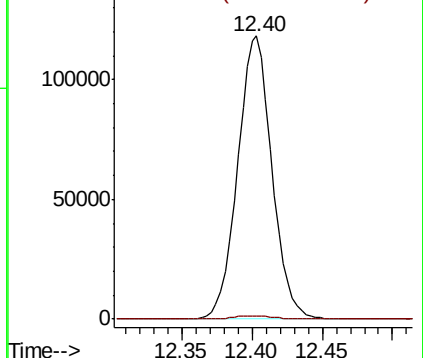
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 0.26 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN051354.D

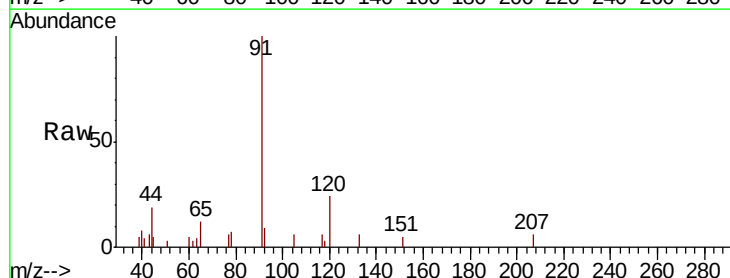
Acq: 20 Sep 2018 21:23

Tgt Ion: 91 Resp: 8656

Ion Ratio Lower Upper

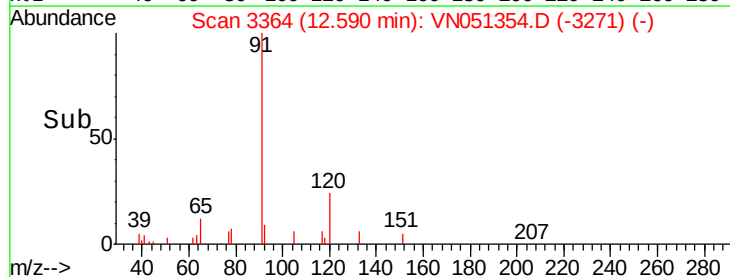
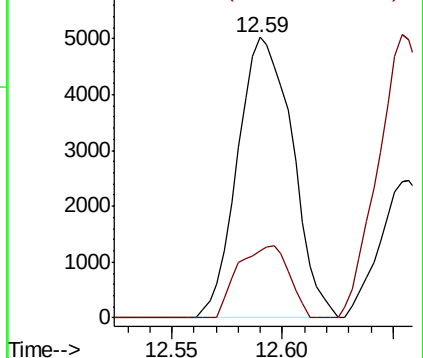
91 100

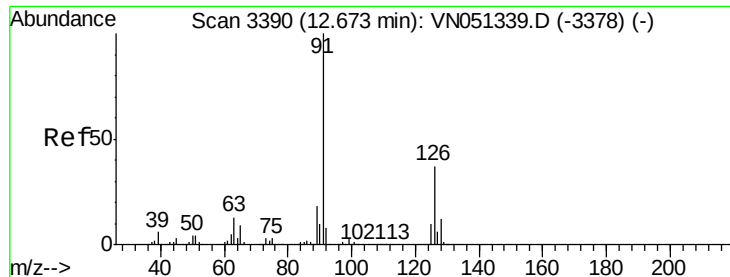
120 23.9 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

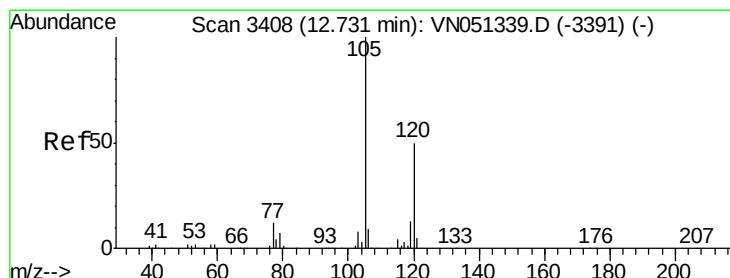
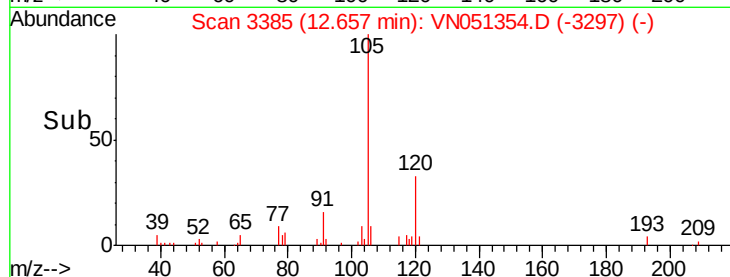
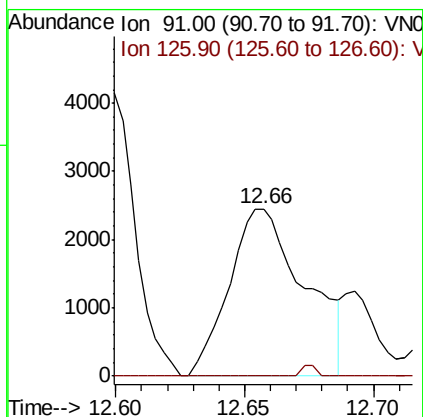
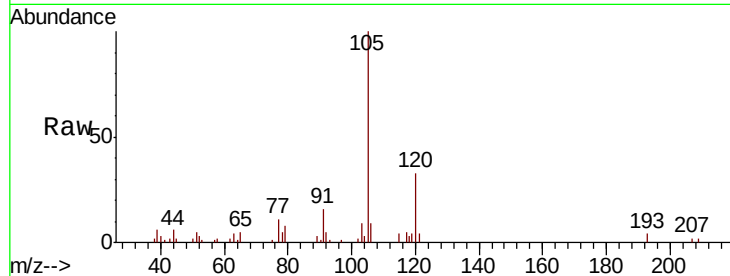




#79
 2-Chlorotoluene
 Concen: 0.25 ug/l
 RT: 12.66 min Scan# 3385
 Delta R.T. -0.02 min
 Lab File: VN051354.D
 Acq: 20 Sep 2018 21:23

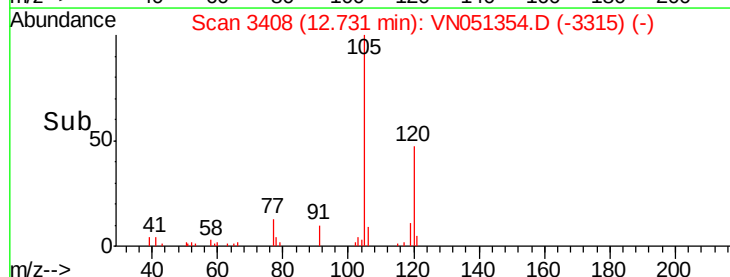
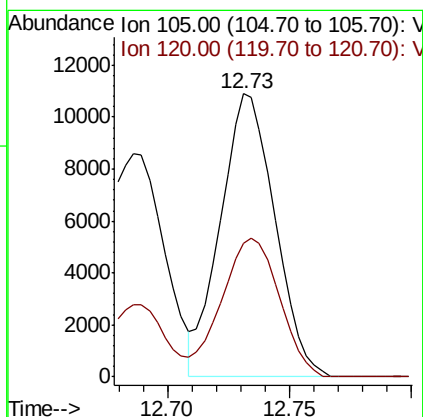
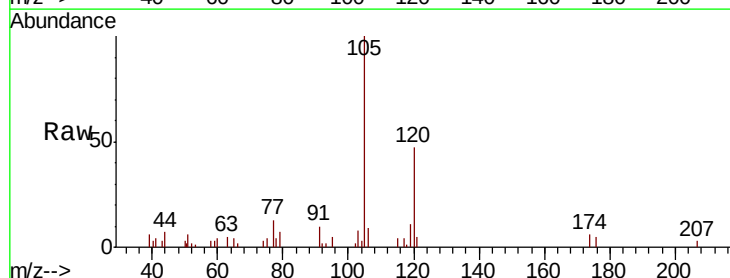
Instrument :
 MSVOA_N
 ClientSampleId :
 BS-OILY-STONE

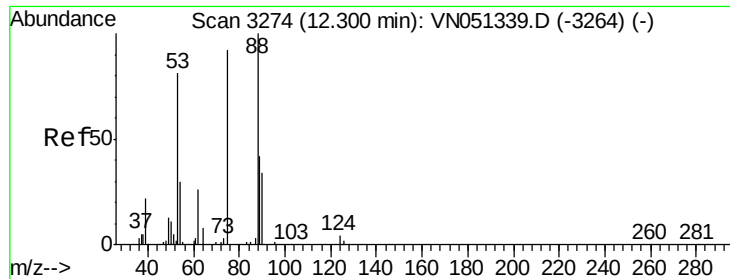
Tot Ion: 91 Resp: 5023
 Ion Ratio Lower Upper
 91 100
 126 1.3 18.6 55.8#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.69 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN051354.D
 Acq: 20 Sep 2018 21:23

Tgt Ion: 105 Resp: 16929
 Ion Ratio Lower Upper
 105 100
 120 51.8 25.2 75.6

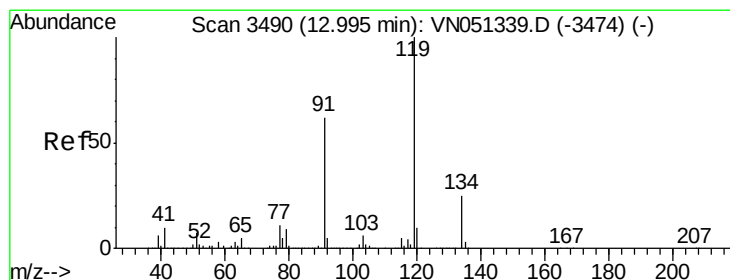
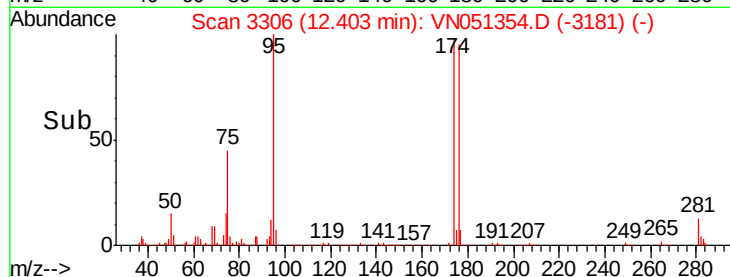
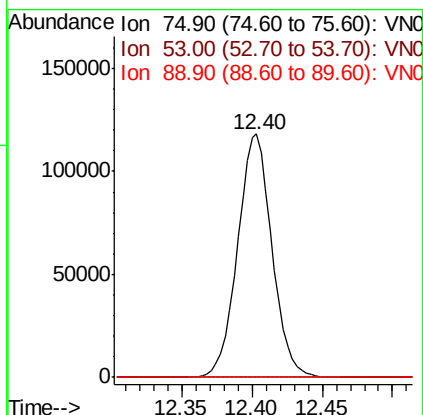
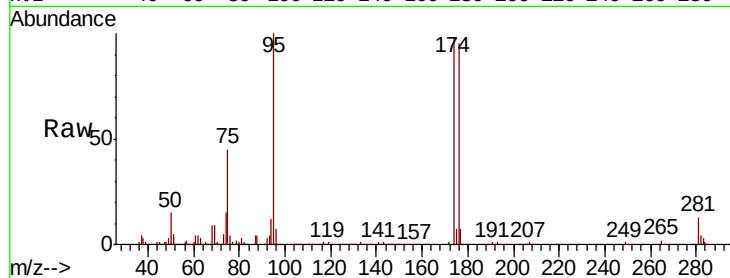




#81
trans-1,4-Dichloro-2-butene
Concen: 117.32 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN051354.D
Acq: 20 Sep 2018 21:23

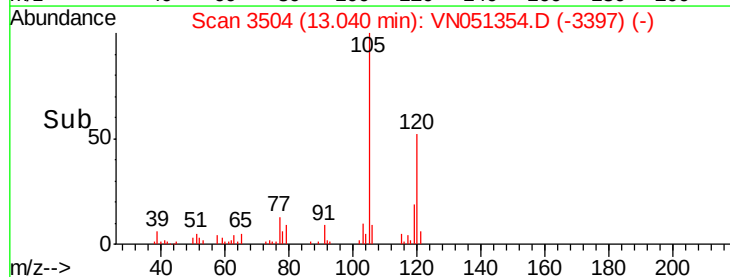
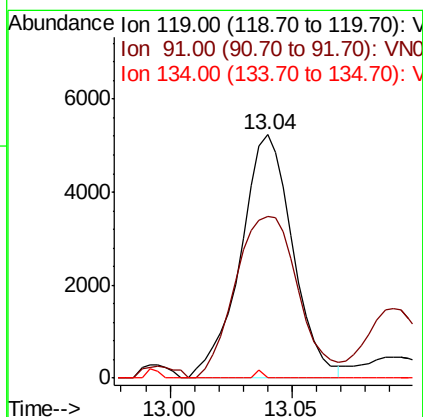
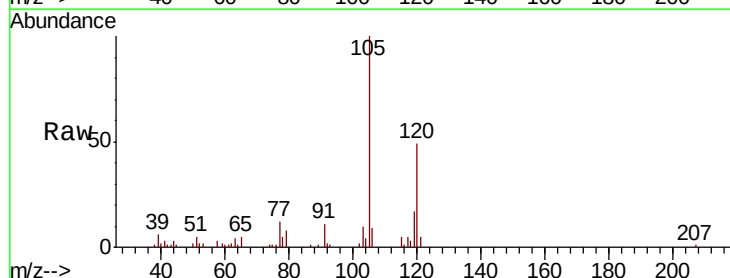
Instrument :
MSVOA_N
ClientSampleId :
BS-OILY-STONE

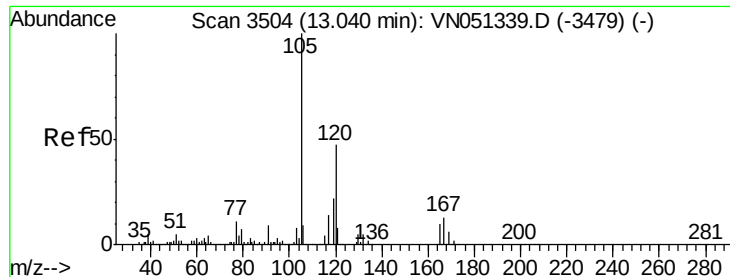
Tot Ion: 75 Resp: 200649
Ion Ratio Lower Upper
75 100
53 0.1 69.9 104.9#
89 0.0 37.9 56.9#



#83
tert-Butylbenzene
Concen: 0.36 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.05 min
Lab File: VN051354.D
Acq: 20 Sep 2018 21:23

Tgt Ion: 119 Resp: 7755
Ion Ratio Lower Upper
119 100
91 80.3 30.6 91.8
134 0.4 12.6 37.6#

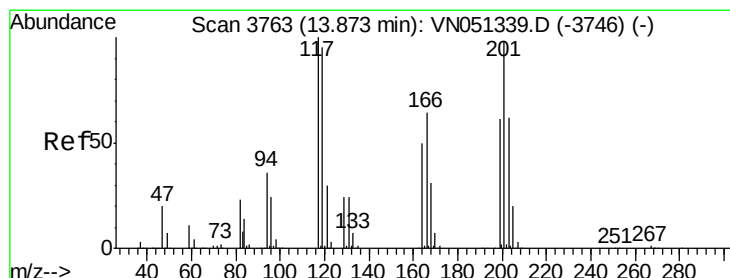
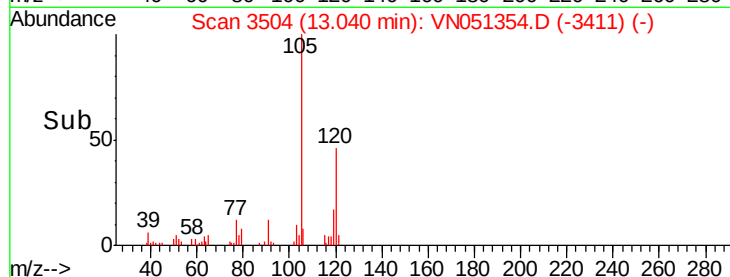
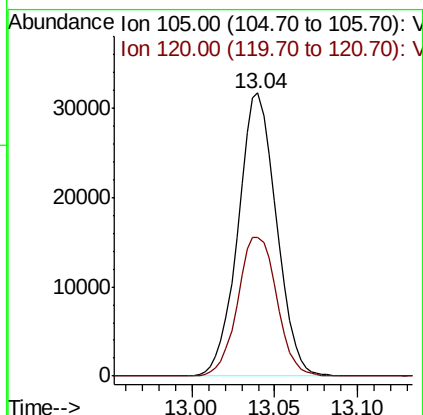
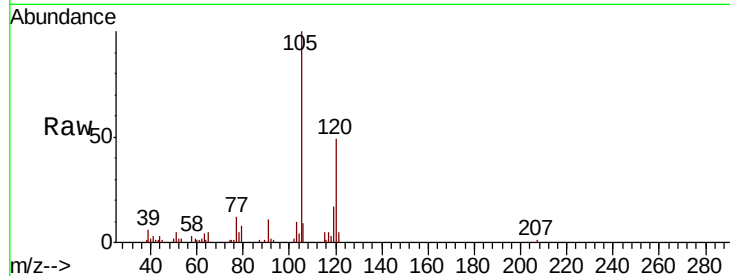




#84
 1,2,4-Trimethylbenzene
 Concen: 2.10 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051354.D
 Acq: 20 Sep 2018 21:23

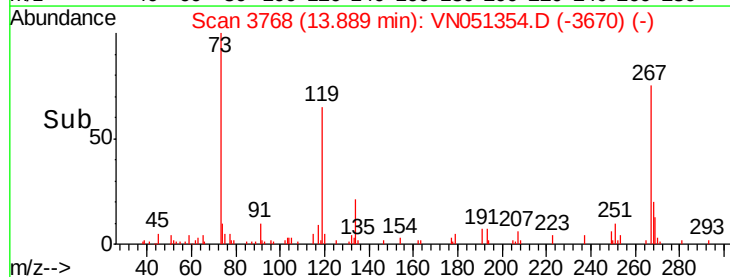
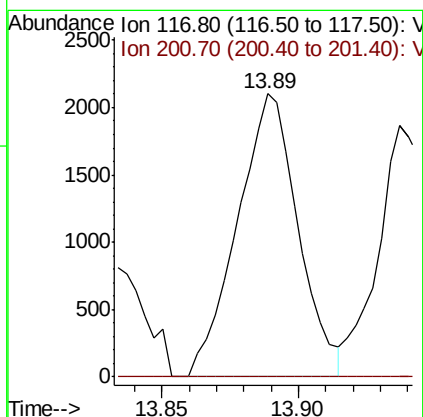
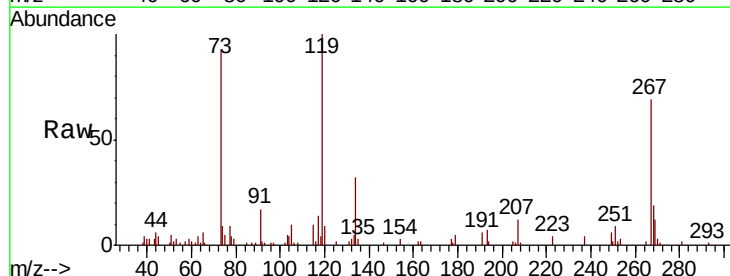
Instrument :
 MSVOA_N
 ClientSampleId :
 BS-OILY-STONE

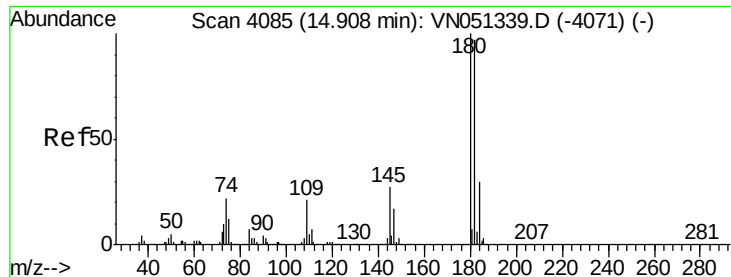
Tot Ion:105 Resp: 50840
 Ion Ratio Lower Upper
 105 100
 120 50.0 23.5 70.6



#90
 Hexachloroethane
 Concen: 0.60 ug/l
 RT: 13.89 min Scan# 3768
 Delta R.T. 0.02 min
 Lab File: VN051354.D
 Acq: 20 Sep 2018 21:23

Tgt Ion:117 Resp: 3243
 Ion Ratio Lower Upper
 117 100
 201 0.0 49.5 148.3#

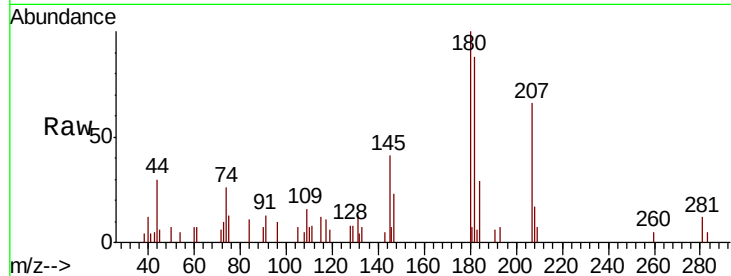




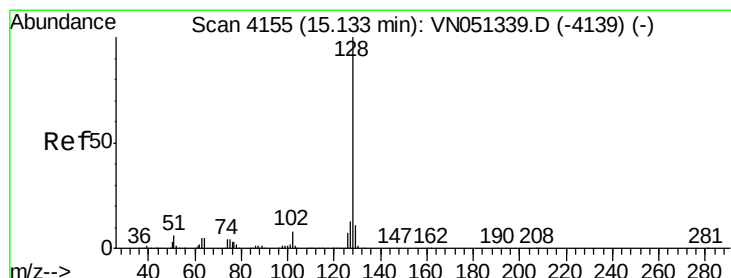
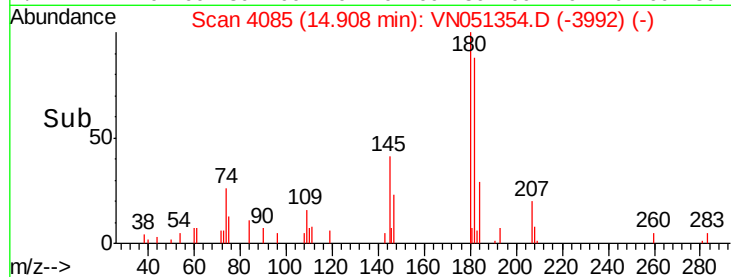
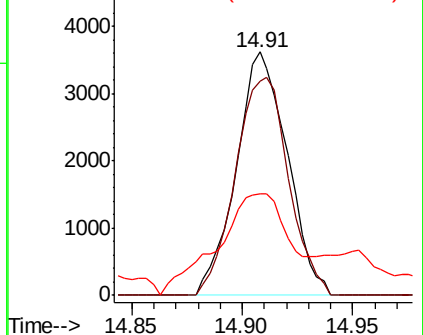
#93
 1,2,4-Trichlorobenzene
 Concen: 0.94 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN051354.D
 Acq: 20 Sep 2018 21:23

Instrument :
 MSVOA_N
 ClientSampleId :
 BS-OILY-STONE

Tot Ion:180 Resp: 5810
 Ion Ratio Lower Upper
 180 100
 182 93.4 48.4 145.2
 145 59.2 13.7 41.1#

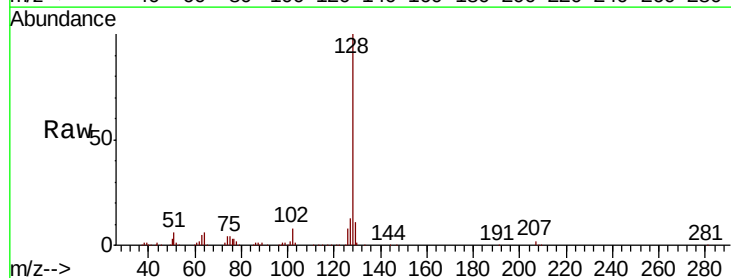


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

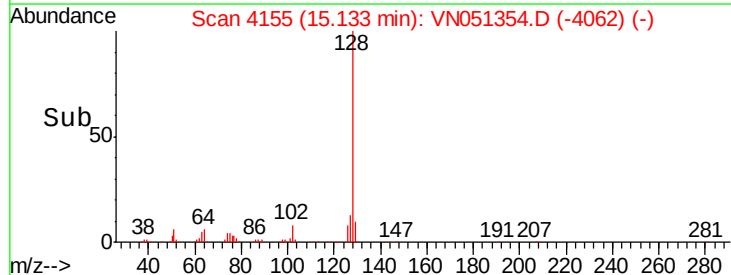
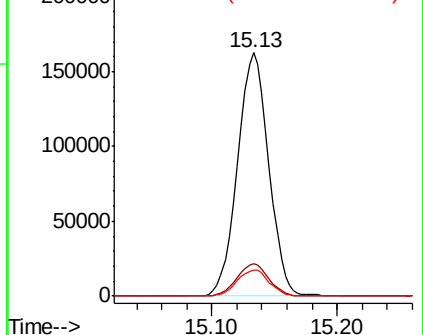


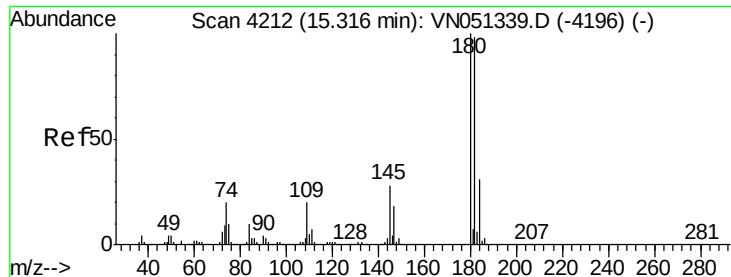
#95
 Naphthalene
 Concen: 25.77 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN051354.D
 Acq: 20 Sep 2018 21:23

Tgt Ion:128 Resp: 280721
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.3 15.5
 129 11.1 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

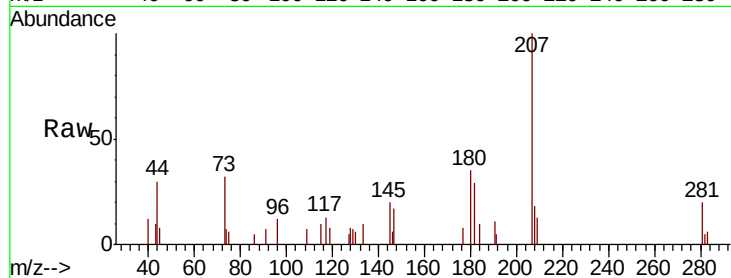




#96
 1,2,3-Trichlorobenzene
 Concen: 0.25 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. -0.00 min
 Lab File: VN051354.D
 Acq: 20 Sep 2018 21:23

Instrument :
 MSVOA_N
 ClientSampleId :
 BS-OILY-STONE

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.8	48.1	144.3
145	71.1	14.3	42.9



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

