

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112818\
 Data File : VN052511.D
 Acq On : 28 Nov 2018 11:24
 Operator : MD\SY
 Sample : J6064-03 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-WATER

Quant Time: Nov 29 00:07:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1297784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1976636	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1734022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	770676	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	660015	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
35) Dibromofluoromethane	7.59	113	593562	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	10.09	98	2431634	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.40	95	977036	61.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.60%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.78	59	63278	89.450	ug/l #	86
13) Acrolein	3.61	56	844	34.064	ug/l #	14
16) Acetone	3.81	43	2125554	570.303	ug/l	99
18) Methyl Acetate	4.32	43	6570	0.615	ug/l #	72
20) Methylene Chloride	4.55	84	3320	0.228	ug/l #	86
25) 2-Butanone	6.83	43	2067041	391.283	ug/l	98
29) Tetrahydrofuran	7.21	42	2166	0.636	ug/l #	52
31) Cyclohexane	7.65	56	188558	7.442	ug/l #	88
36) 1,1-Dichloropropene	7.66	75	89864	4.814	ug/l #	49
37) Ethyl Acetate	6.83	43	2067041	181.452	ug/l #	68
38) Carbon Tetrachloride	7.67	117	115766	6.851	ug/l #	16
39) Methylcyclohexane	9.08	83	304775	13.433	ug/l	98
40) Benzene	8.04	78	2838016	51.018	ug/l	100
41) Methacrylonitrile	7.20	41	8822	1.417	ug/l #	24
42) 1,2-Dichloroethane	8.13	62	121200	7.196	ug/l	94
43) Isopropyl Acetate	8.15	43	16986	0.881	ug/l #	15
46) Dibromomethane	9.22	93	1673	0.204	ug/l #	17
47) Bromodichloromethane	9.39	83	10163	0.571	ug/l #	25
48) Methyl methacrylate	9.15	41	21622	2.151	ug/l #	24
49) 1,4-Dioxane	9.04	88	911	8.732	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	407805	37.702	ug/l	98
52) Toluene	10.16	92	9768510	295.559	ug/l	94
53) t-1,3-Dichloropropene	10.16	75	107179	6.259	ug/l #	1
55) 1,1,2-Trichloroethane	10.60	97	5706	0.491	ug/l #	27
56) Ethyl methacrylate	10.47	69	4278	2.944	ug/l #	25
58) 2-Chloroethyl Vinyl ether	9.72	63	2246	0.266	ug/l #	49
59) 2-Hexanone	10.75	43	906824	124.916	ug/l	93
61) 1,2-Dibromoethane	10.98	107	3255	0.282	ug/l #	1
67) Ethyl Benzene	11.51	91	3985050	63.645	ug/l	99
68) m/p-Xylenes	11.62	106	11608565	498.016	ug/l #	1
69) o-Xylene	11.95	106	5949744	262.848	ug/l	100
70) Styrene	11.95	104	285956	7.932	ug/l #	1
71) Bromoform	12.40	173	5332	0.648	ug/l #	1
73) Isopropylbenzene	12.25	105	330048	5.459	ug/l	99

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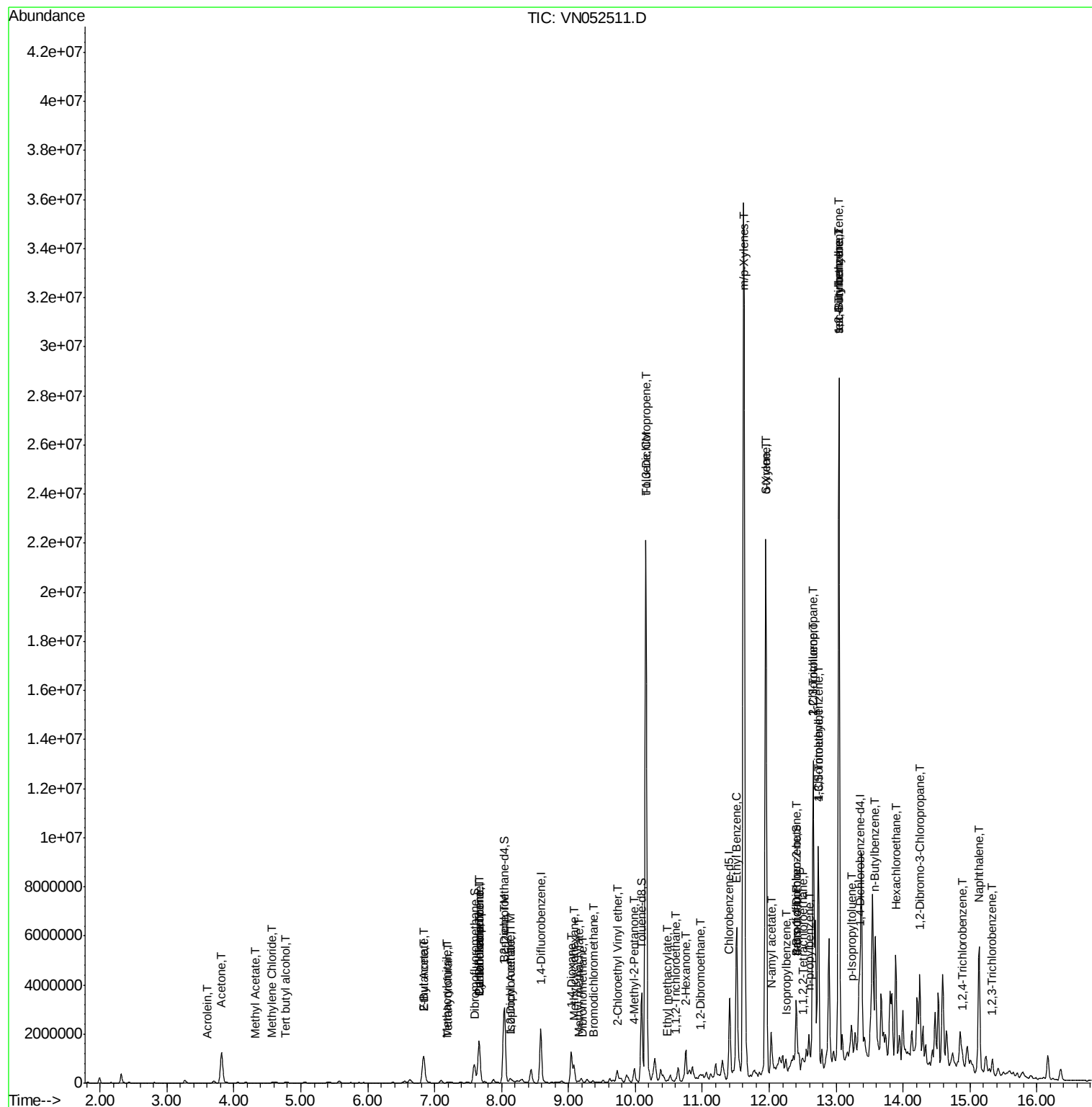
74) N-amyl acetate	12.03	43	837402	54.819	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.52	83	61628	4.481	ug/l #	26
76) 1,2,3-Trichloropropane	12.66	75	63777	5.367	ug/l #	100
78) n-propylbenzene	12.59	91	1176014	17.121	ug/l	100
79) 2-Chlorotoluene	12.66	91	955464	23.358	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	3964316	82.208	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	390350	109.690	ug/l #	17
82) 4-Chlorotoluene	12.73	91	387336	9.395	ug/l #	41
83) tert-Butylbenzene	13.04	119	1975155	45.944	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.04	105	14978521	309.939	ug/l	95
85) sec-Butylbenzene	13.04	105	14978521	255.804	ug/l #	57
86) p-Isopropyltoluene	13.24	119	348964	6.997	ug/l	97
89) n-Butylbenzene	13.58	91	236139	5.693	ug/l #	1
90) Hexachloroethane	13.89	117	199377	23.610	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12608	6.409	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.90	180	739	2.881	ug/l #	1
95) Naphthalene	15.14	128	4365681	143.571	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	485	2.763	ug/l #	12

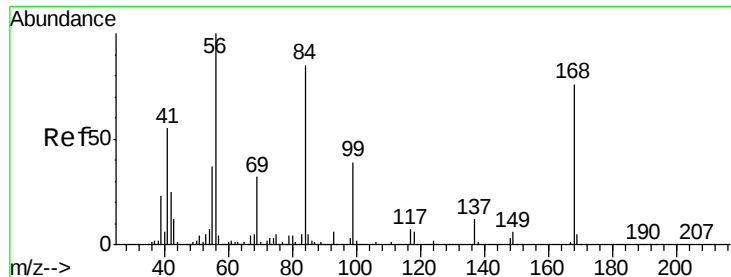
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

Instrument :

MSVOA_N

ClientSampleId :

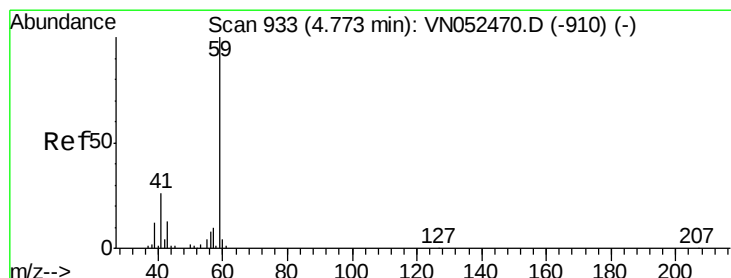
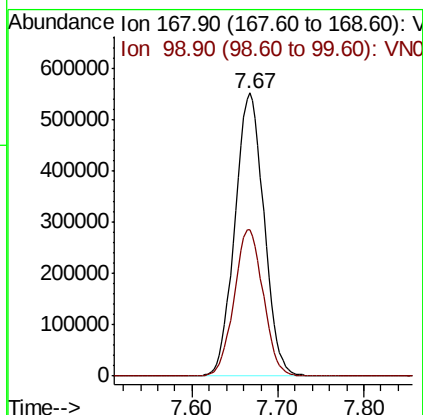
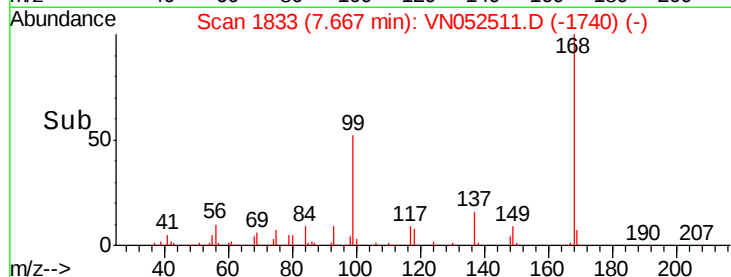
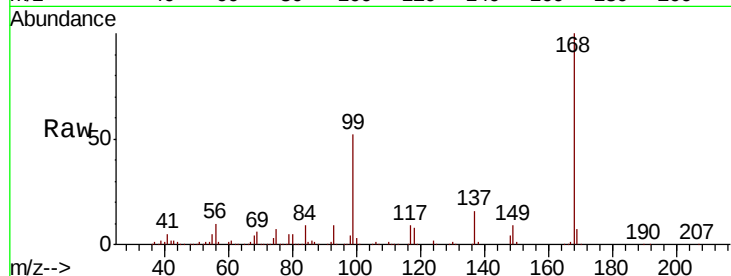
OILY-WATER

Tot Ion:168 Resp: 1297784

Ion Ratio Lower Upper

168 100

99 51.8 41.7 62.5



#11

Tert butyl alcohol

Concen: 89.450 ug/l

RT: 4.78 min Scan# 935

Delta R.T. 0.01 min

Lab File: VN052511.D

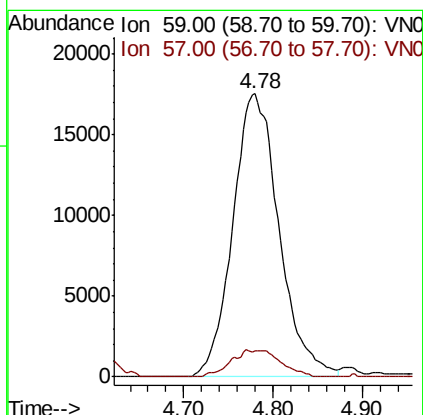
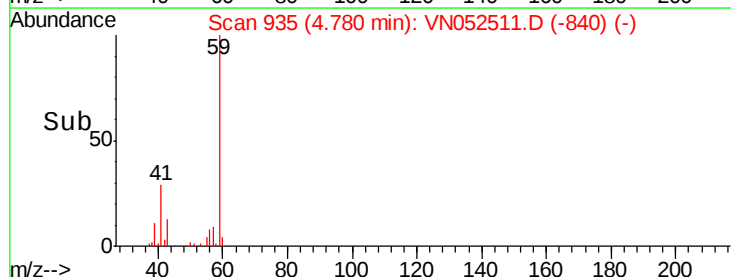
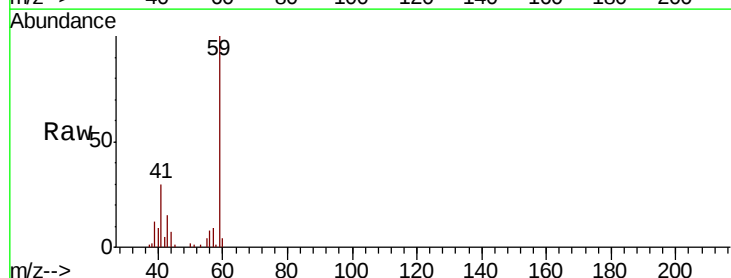
Acq: 28 Nov 2018 11:24

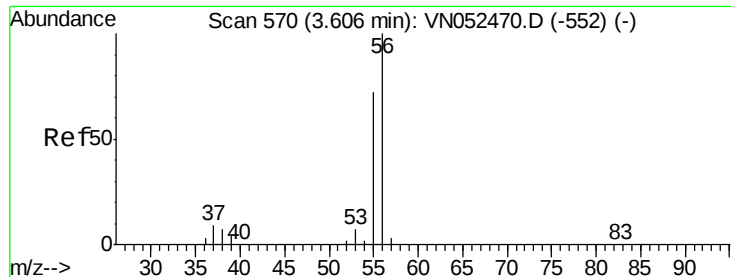
Tgt Ion: 59 Resp: 63278

Ion Ratio Lower Upper

59 100

57 4.6 7.9 11.9#

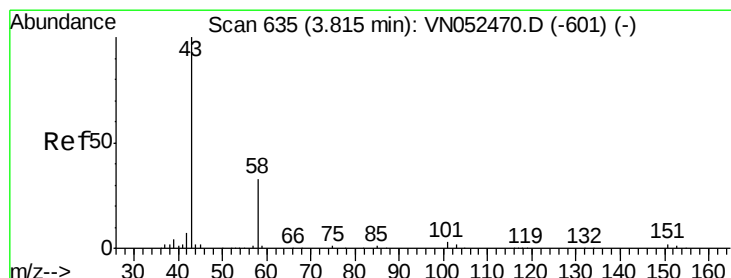
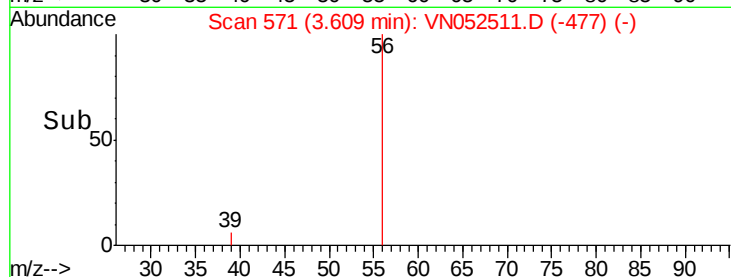
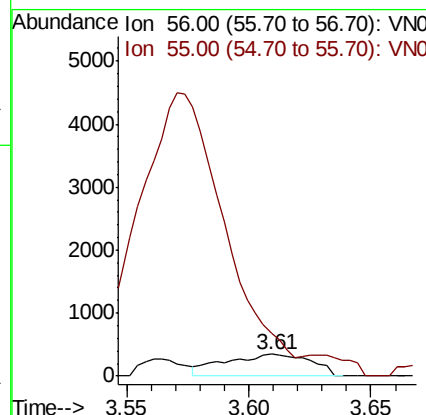
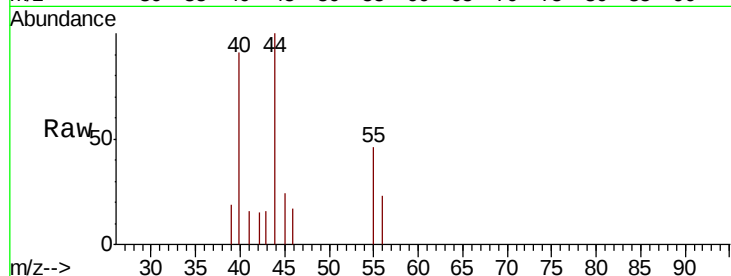




#13
Acrolein
Concen: 34.064 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN052511.D
Acq: 28 Nov 2018 11:24

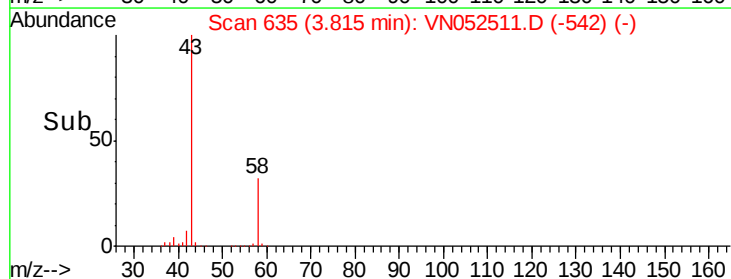
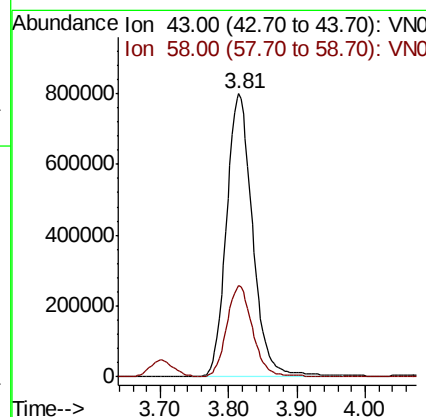
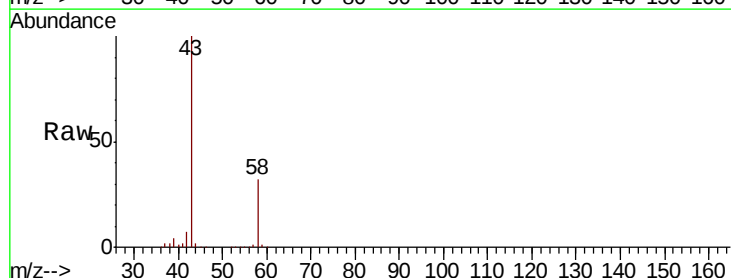
Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER

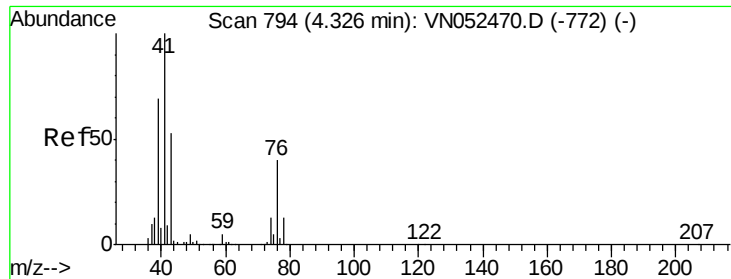
Tot Ion: 56 Resp: 844
Ion Ratio Lower Upper
56 100
55 0.0 56.8 85.2#



#16
Acetone
Concen: 570.303 ug/l
RT: 3.81 min Scan# 635
Delta R.T. -0.00 min
Lab File: VN052511.D
Acq: 28 Nov 2018 11:24

Tgt Ion: 43 Resp: 2125554
Ion Ratio Lower Upper
43 100
58 32.0 26.0 39.0

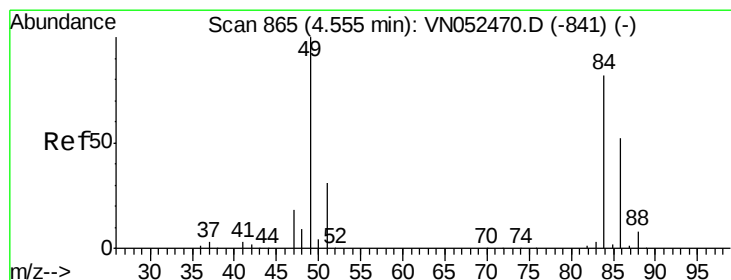
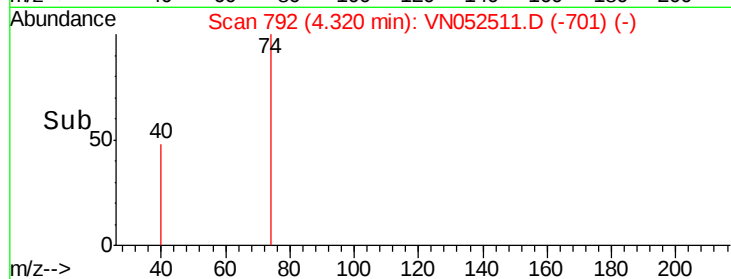
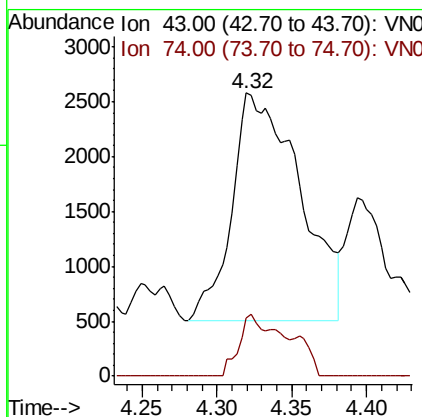
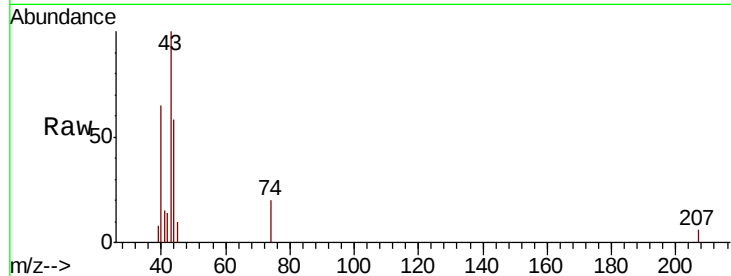




#18
Methvl Acetate
Concen: 0.615 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.01 min
Lab File: VN052511.D
Acq: 28 Nov 2018 11:24

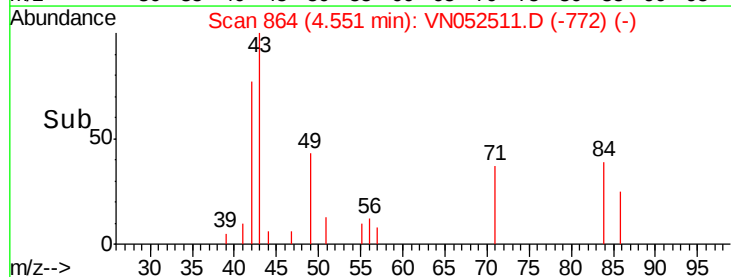
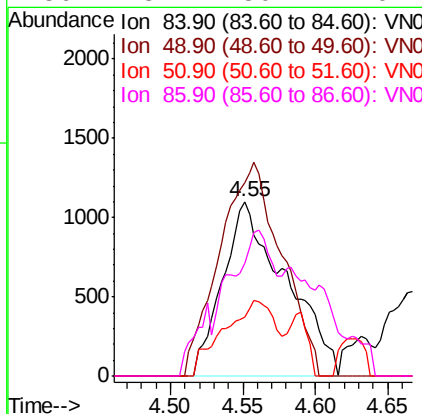
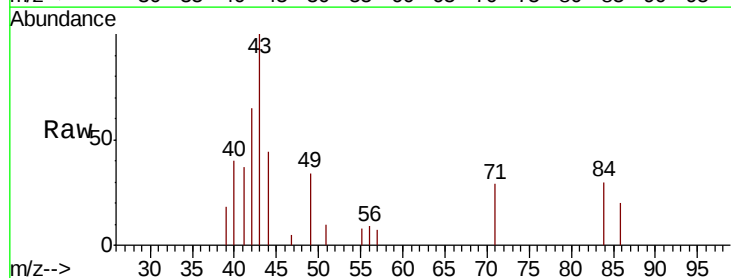
Instrument :
MSVOA_N
ClientSampled :
OILY-WATER

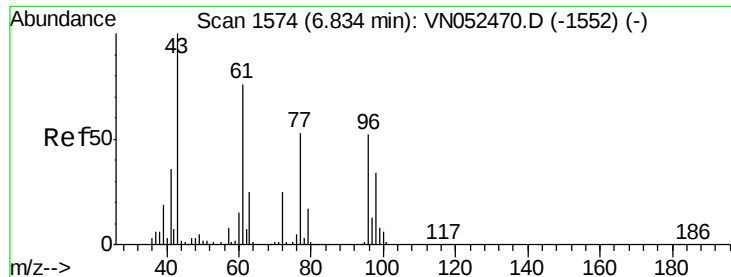
Tot Ion: 43 Resp: 6570
Ion Ratio Lower Upper
43 100
74 9.6 18.6 27.8#



#20
Methylene Chloride
Concen: 0.228 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN052511.D
Acq: 28 Nov 2018 11:24

Tgt Ion: 84 Resp: 3320
Ion Ratio Lower Upper
84 100
49 110.3 98.0 147.0
51 33.5 30.1 45.1
86 45.2 50.7 76.1#





#25

2-Butanone

Concen: 391.283 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

Instrument :

MSVOA_N

ClientSampleId :

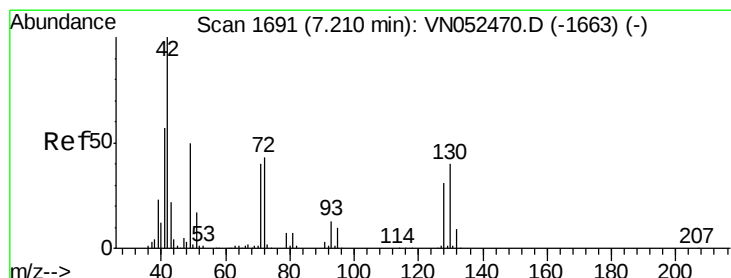
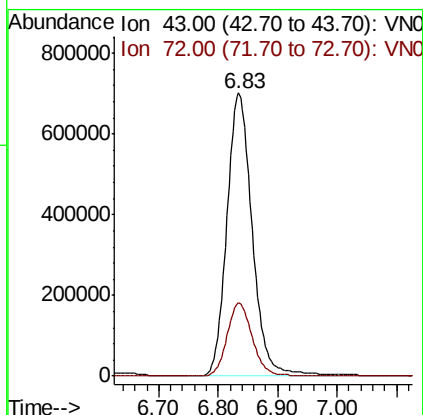
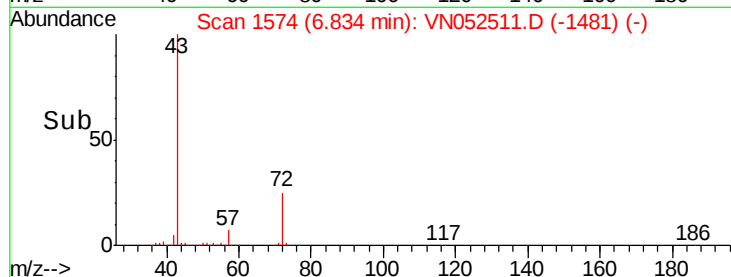
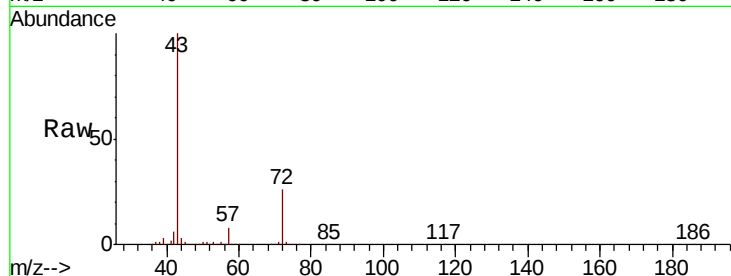
OILY-WATER

Tot Ion: 43 Resp: 2067041

Ion Ratio Lower Upper

43 100

72 25.9 20.1 30.1



#29

Tetrahydrofuran

Concen: 0.636 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

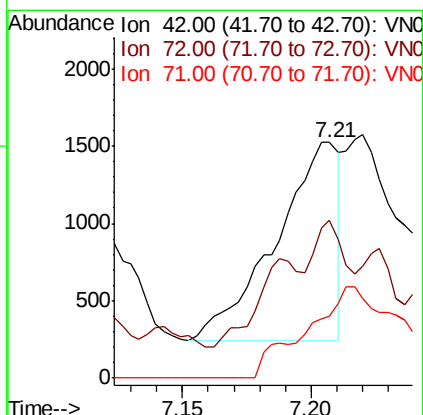
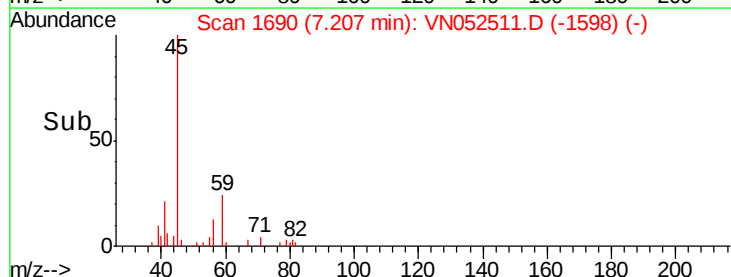
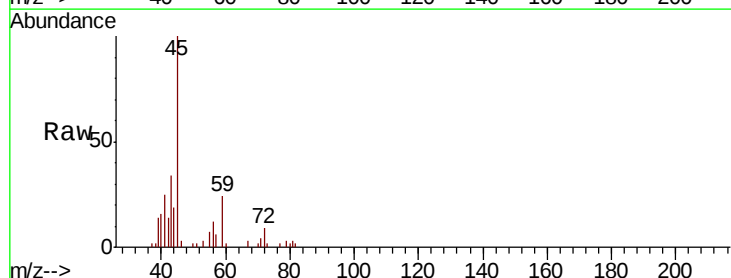
Tgt Ion: 42 Resp: 2166

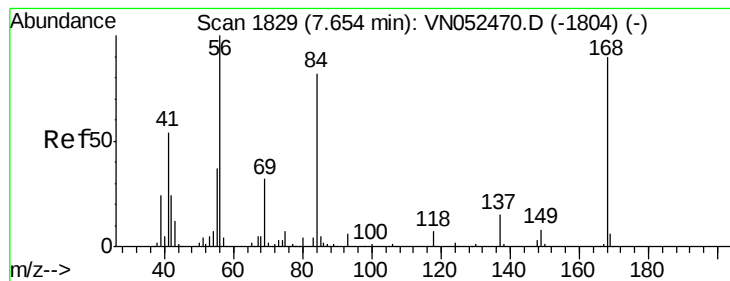
Ion Ratio Lower Upper

42 100

72 13.5 33.3 49.9#

71 71.7 32.0 48.0#





#31

Cyclohexane

Concen: 7.442 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

Instrument :

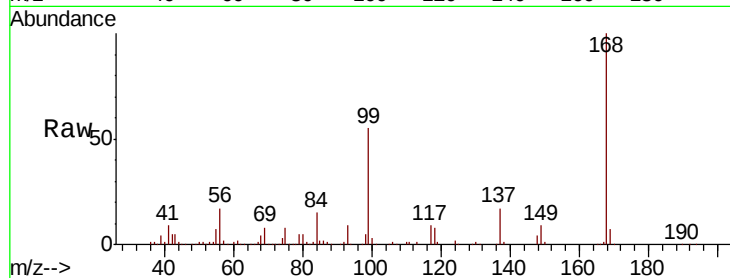
MSVOA_N

ClientSampleId :

OILY-WATER

Tot Ion: 56 Resp: 188558

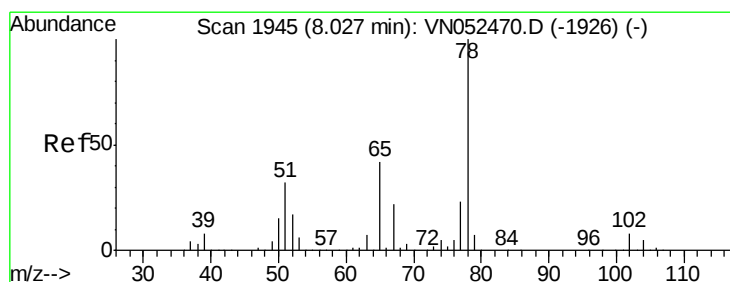
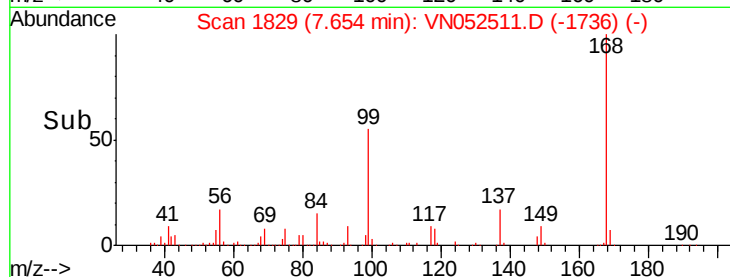
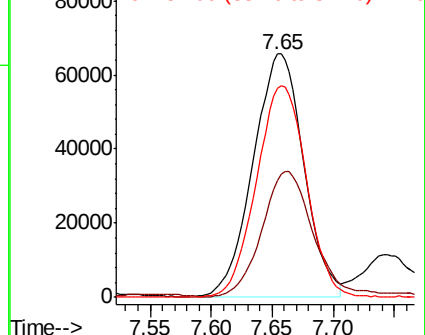
Ion	Ratio	Lower	Upper
56	100		
69	47.5	25.8	38.6#
84	86.3	65.3	97.9



Abundance Ion 56.00 (55.70 to 56.70): VN052511.D (-1736) (-)

Ion 69.00 (68.70 to 69.70): VN052511.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN052511.D (-1736) (-)



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

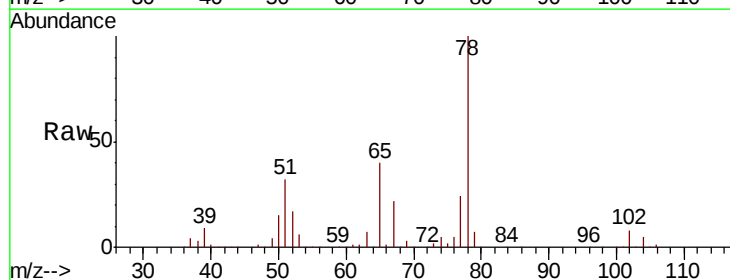
Delta R.T. -0.00 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

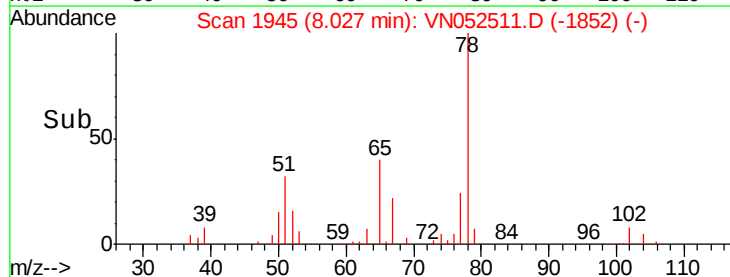
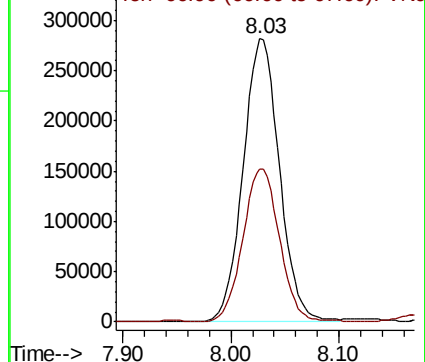
Tgt Ion: 65 Resp: 660015

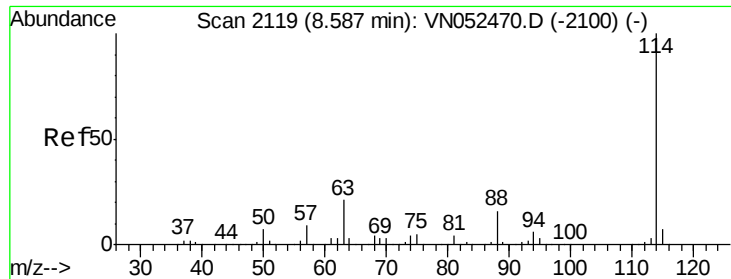
Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	109.8



Abundance Ion 64.90 (64.60 to 65.60): VN052511.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN052511.D (-1852) (-)

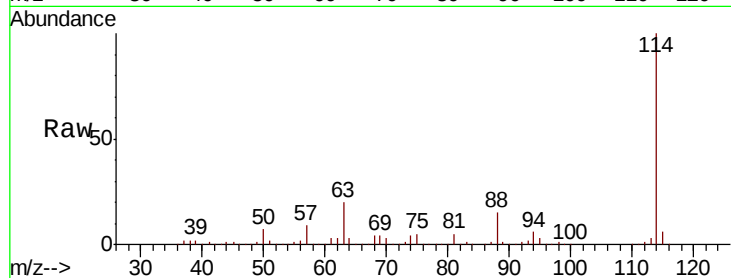




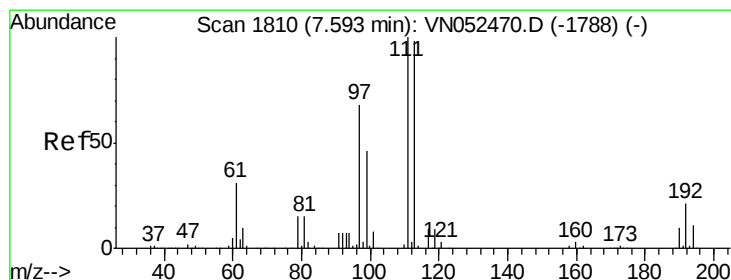
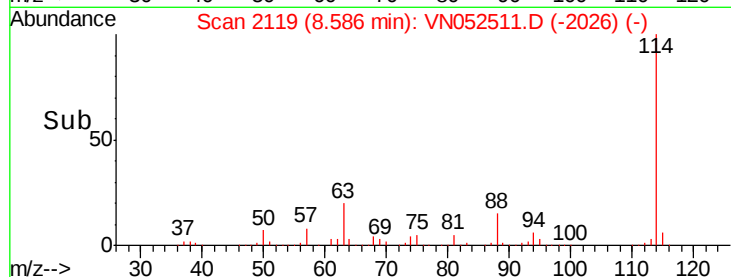
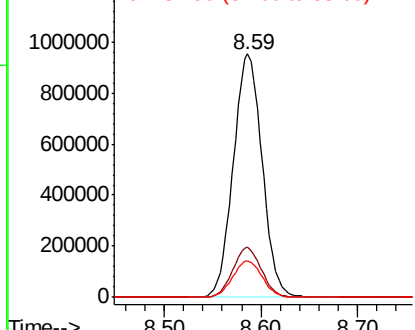
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052511.D
Acq: 28 Nov 2018 11:24

Instrument :
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ClientSampleId :
OILY-WATER

Tot Ion:114 Resp: 1976636
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.8
88 15.1 0.0 31.6

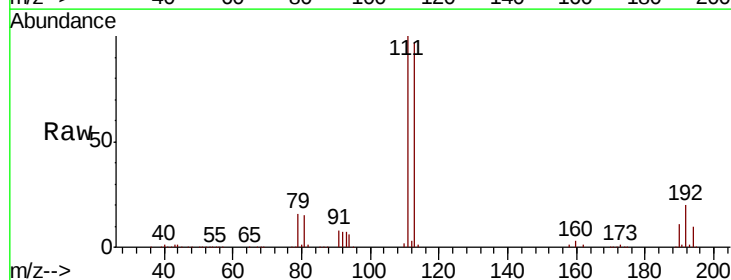


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

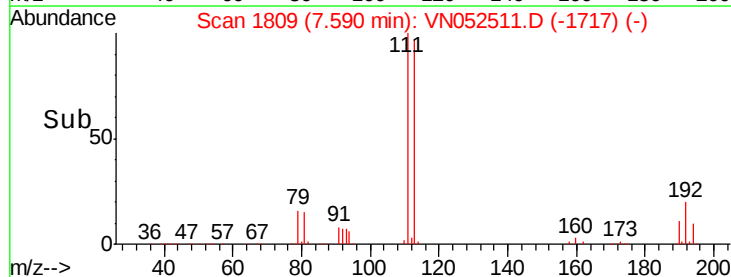
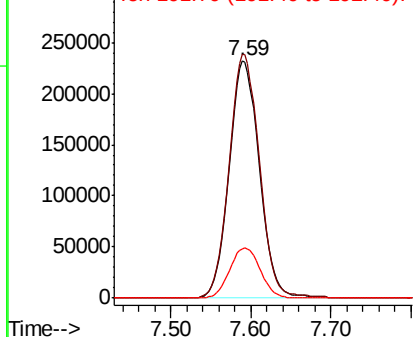


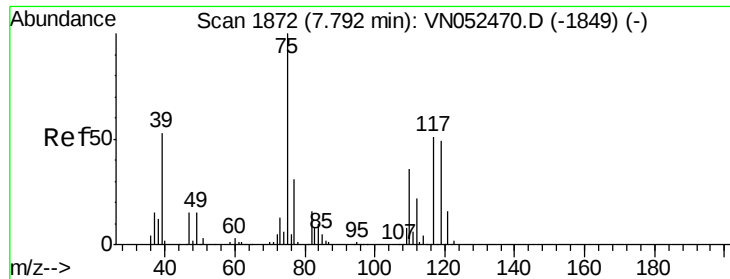
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN052511.D
Acq: 28 Nov 2018 11:24

Tgt Ion:113 Resp: 593562
Ion Ratio Lower Upper
113 100
111 103.2 82.0 123.0
192 21.5 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

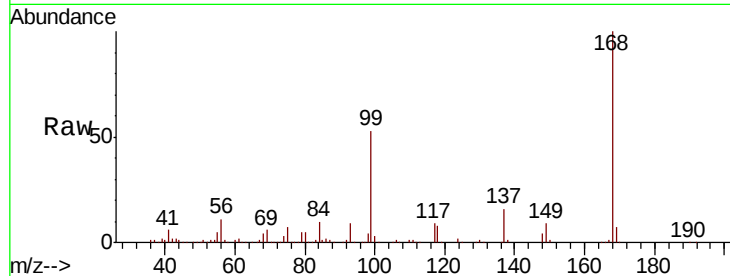




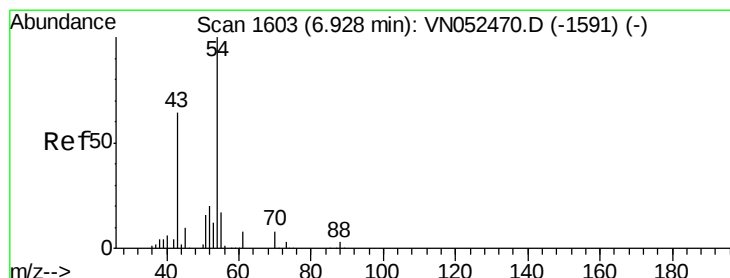
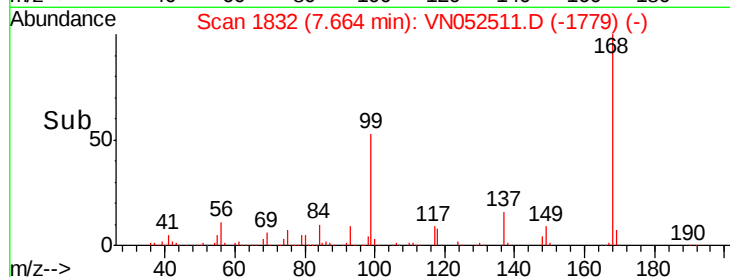
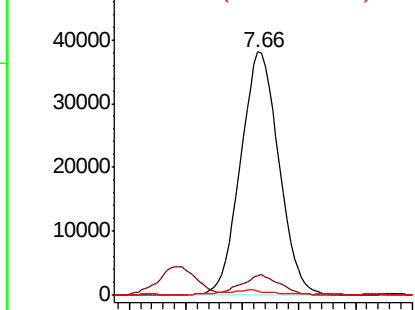
#36
 1,1-Dichloropropene
 Concen: 4.814 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN052511.D
 Acq: 28 Nov 2018 11:24

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-WATER

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.5	52.6#
77	0.0	24.5	36.7#

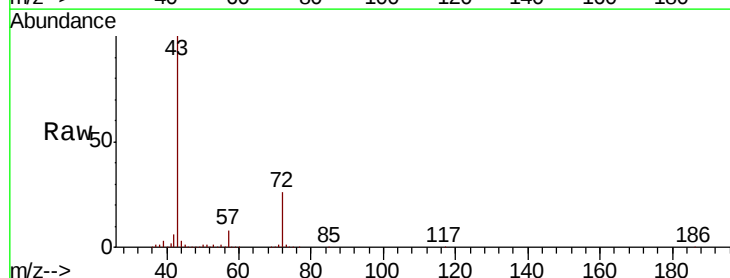


Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): VNO
 Ion 76.90 (76.60 to 77.60): VNO

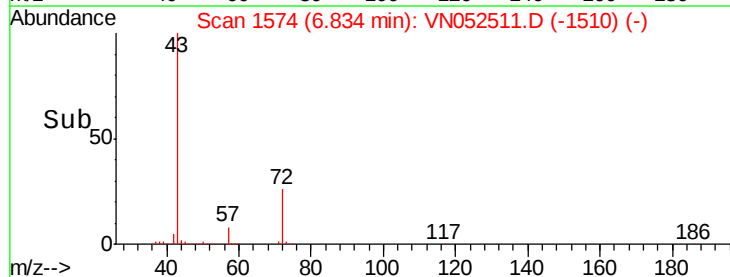
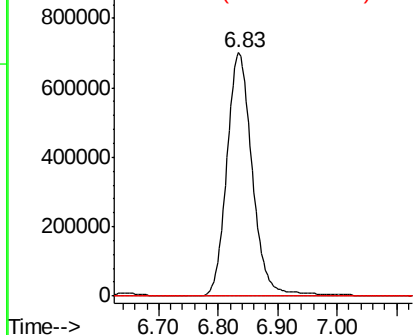


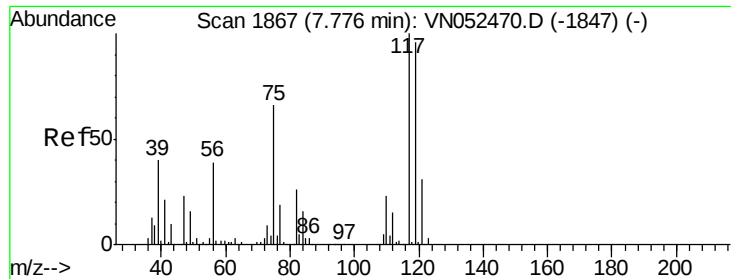
#37
 Ethyl Acetate
 Concen: 181.452 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. -0.09 min
 Lab File: VN052511.D
 Acq: 28 Nov 2018 11:24

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.8#
70	0.1	7.8	11.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 60.90 (60.60 to 61.60): VNO
 Ion 70.00 (69.70 to 70.70): VNO

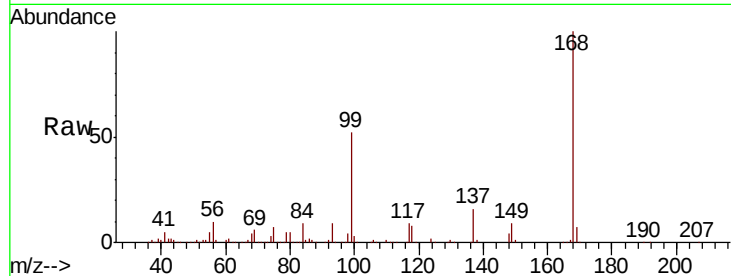




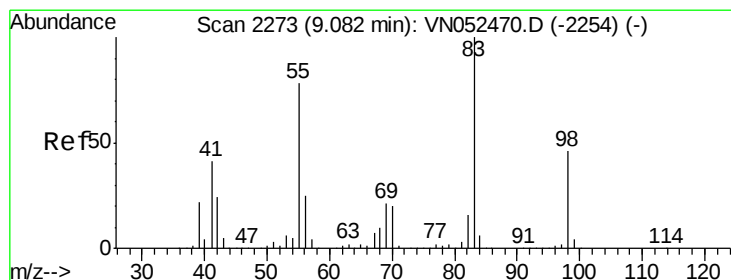
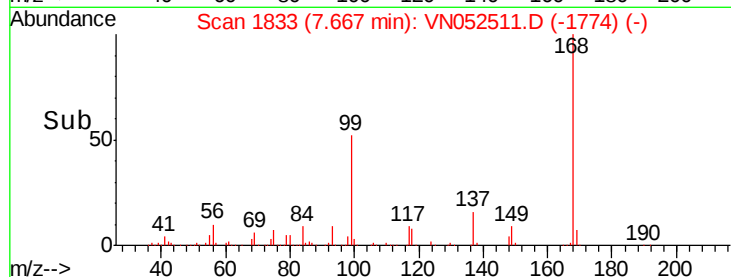
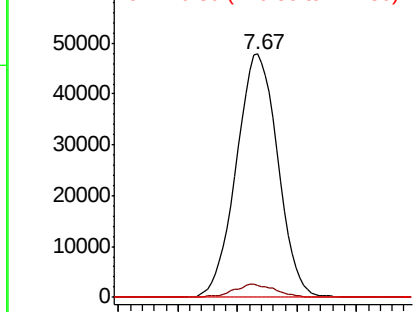
#38
Carbon Tetrachloride
Concen: 6.851 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052511.D
Acq: 28 Nov 2018 11:24

Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER

Tot Ion:117 Resp: 115766
Ion Ratio Lower Upper
117 100
119 5.1 76.8 115.2#
121 0.0 24.9 37.3#

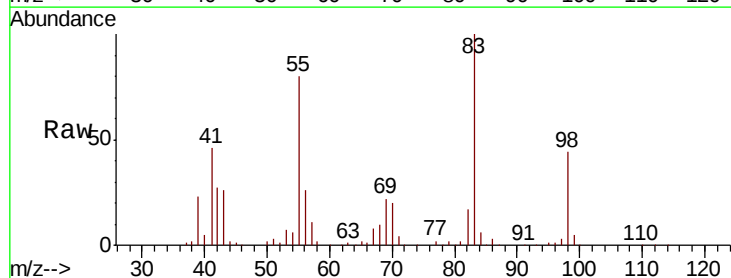


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

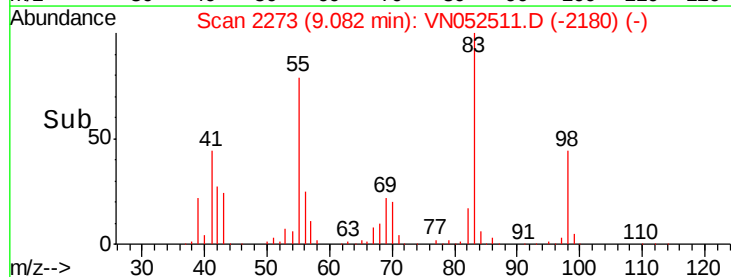
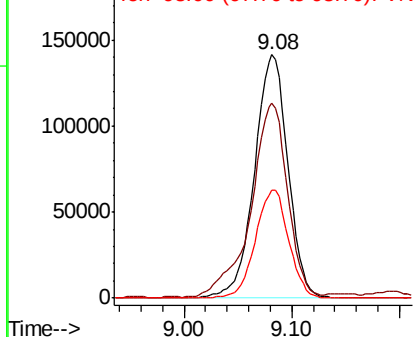


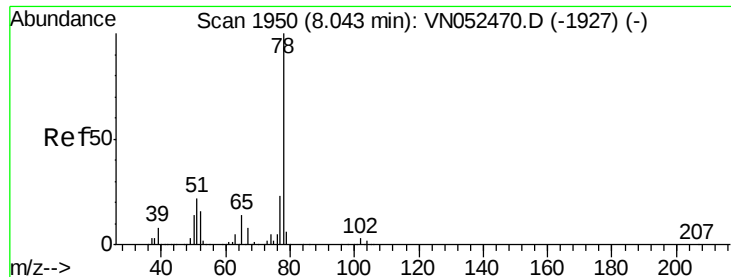
#39
Methylcyclohexane
Concen: 13.433 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052511.D
Acq: 28 Nov 2018 11:24

Tgt Ion: 83 Resp: 304775
Ion Ratio Lower Upper
83 100
55 79.6 62.2 93.2
98 44.4 36.4 54.6



Abundance Ion 83.00 (82.70 to 83.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 51.018 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. -0.00 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

Instrument :

MSVOA_N

ClientSampled :

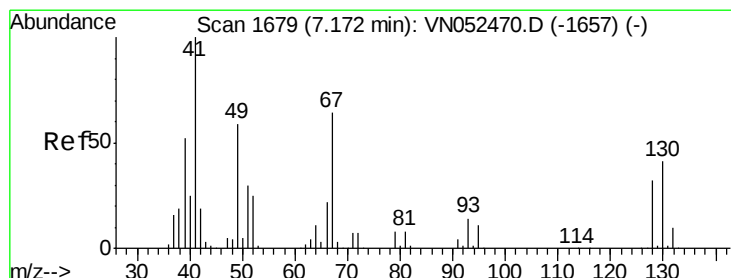
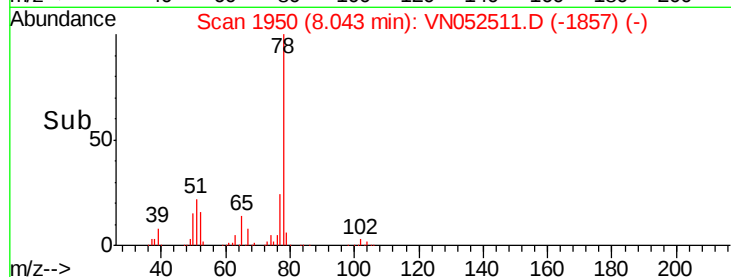
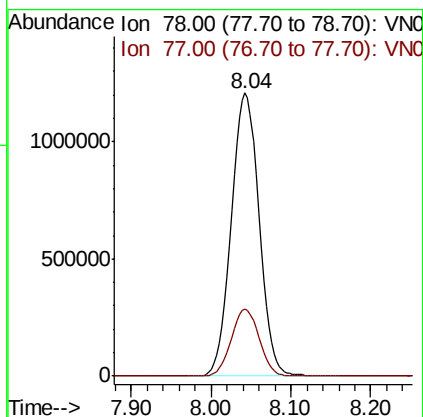
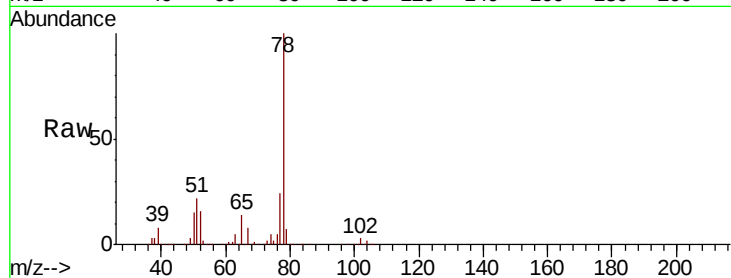
OILY-WATER

Tot Ion: 78 Resp: 2838016

Ion Ratio Lower Upper

78 100

77 23.6 18.8 28.2



#41

Methacrylonitrile

Concen: 1.417 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.03 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

Tgt Ion: 41 Resp: 8822

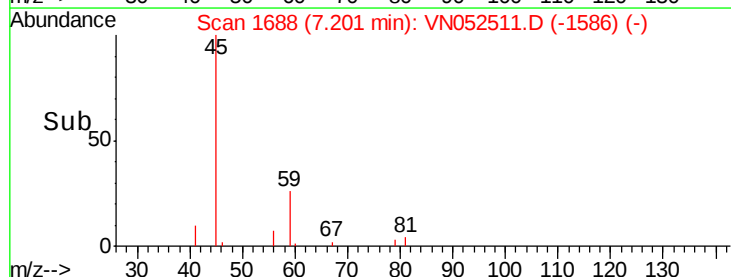
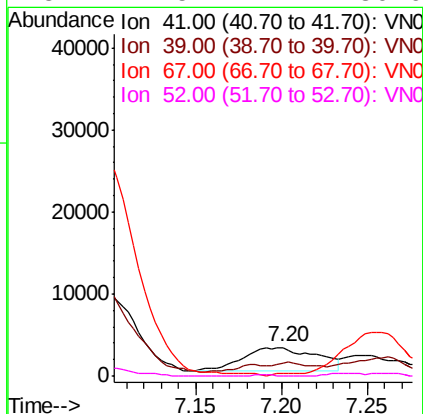
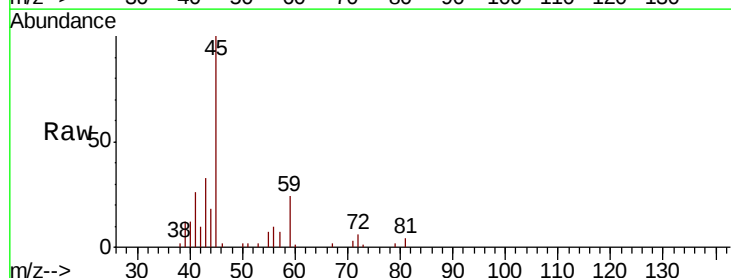
Ion Ratio Lower Upper

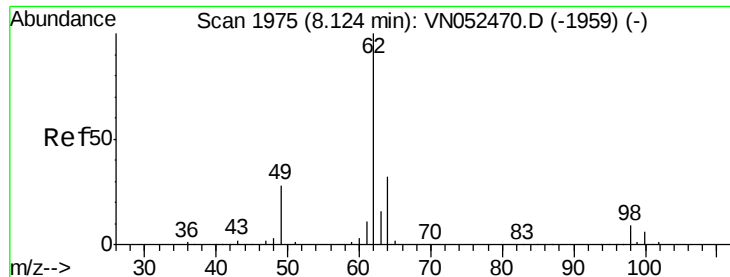
41 100

39 10.8 50.9 76.3#

67 0.0 63.6 95.4#

52 1.5 24.4 36.6#





#42

1,2-Dichloroethane

Concen: 7.196 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

Instrument :

MSVOA_N

ClientSampleId :

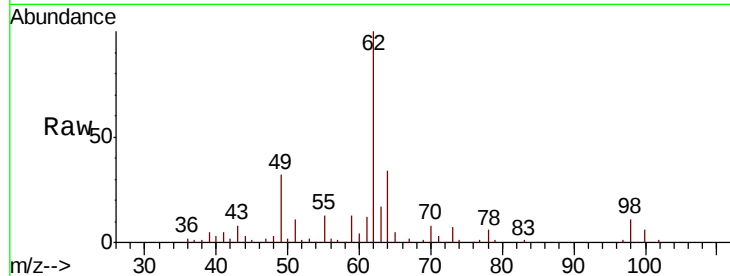
OILY-WATER

Tot Ion: 62 Resp: 121200

Ion Ratio Lower Upper

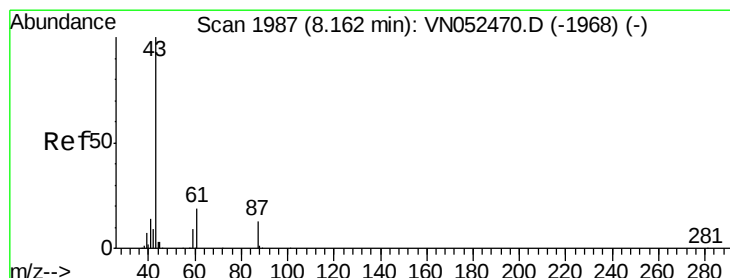
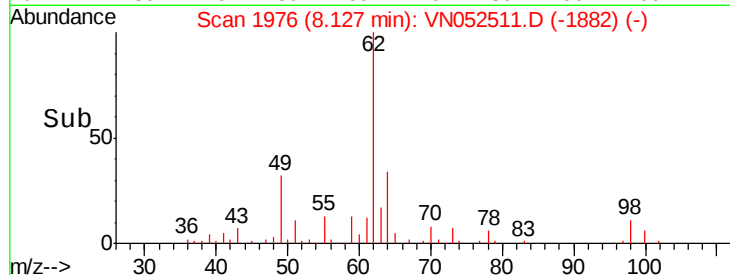
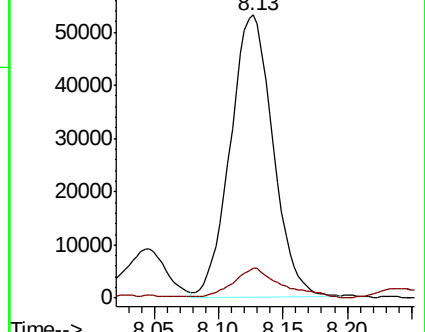
62 100

98 11.3 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VN052470.D (-1959) (-)

Ion 97.90 (97.60 to 98.60): VN052470.D (-1959) (-)



#43

Isopropyl Acetate

Concen: 0.881 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. -0.02 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

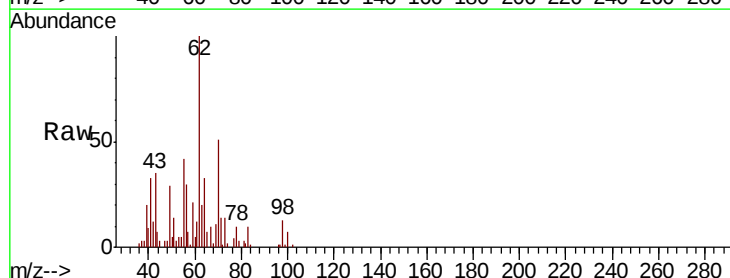
Tgt Ion: 43 Resp: 16986

Ion Ratio Lower Upper

43 100

61 88.7 24.1 36.1#

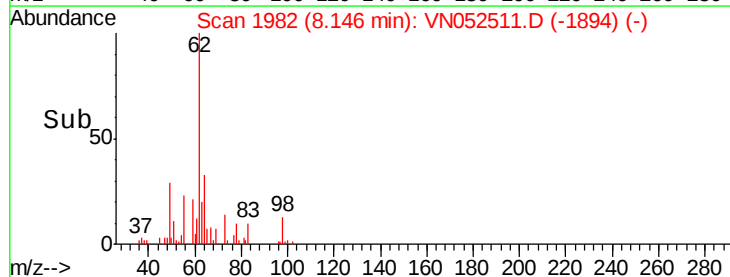
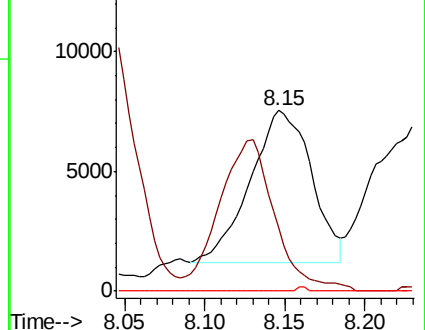
87 0.0 10.6 15.8#

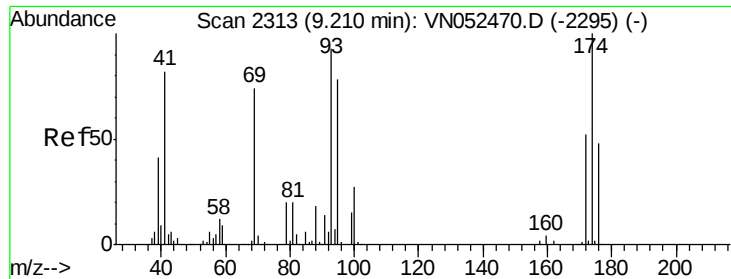


Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)





#46

Dibromomethane

Concen: 0.204 ug/l

RT: 9.22 min Scan# 2316

Delta R.T. 0.01 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER

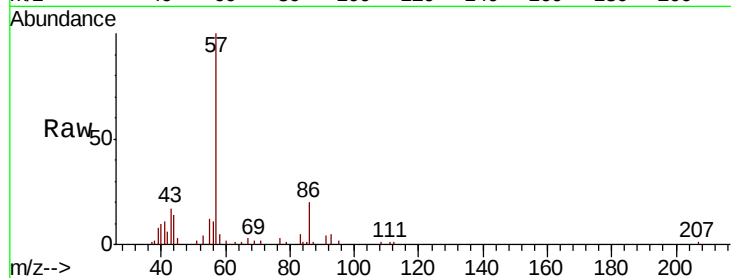
Tot Ion: 93 Resp: 1673

Ion Ratio Lower Upper

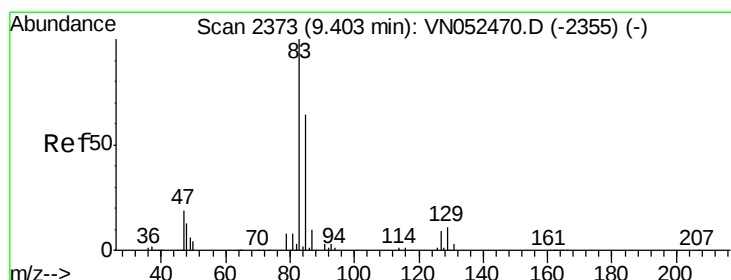
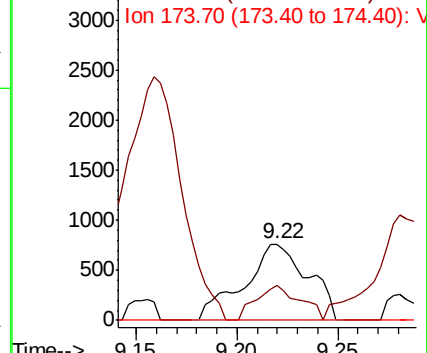
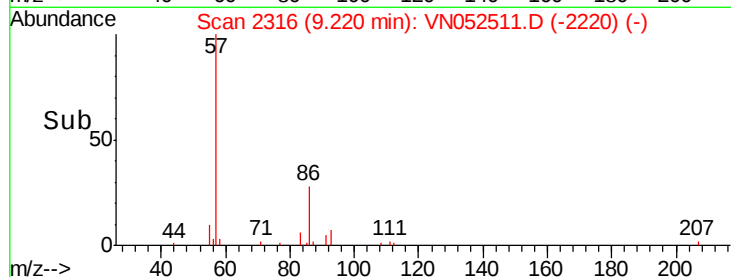
93 100

95 31.5 67.1 100.7#

174 0.0 85.8 128.8#



Abundance Ion 92.80 (92.50 to 93.50): VN052511.D (-2220) (-)



#47

Bromodichloromethane

Concen: 0.571 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.02 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

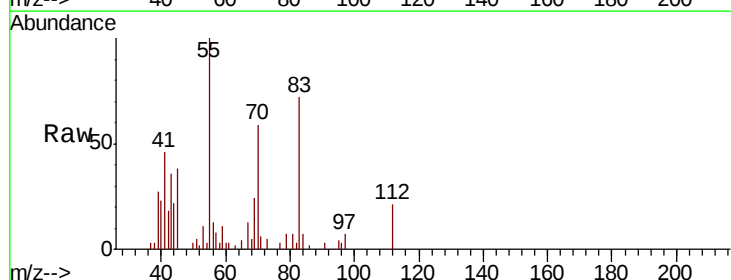
Tgt Ion: 83 Resp: 10163

Ion Ratio Lower Upper

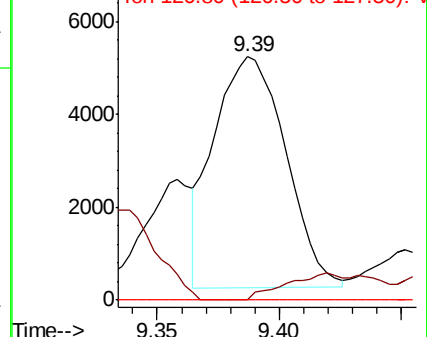
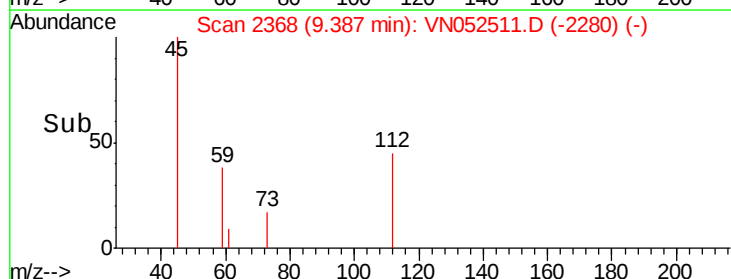
83 100

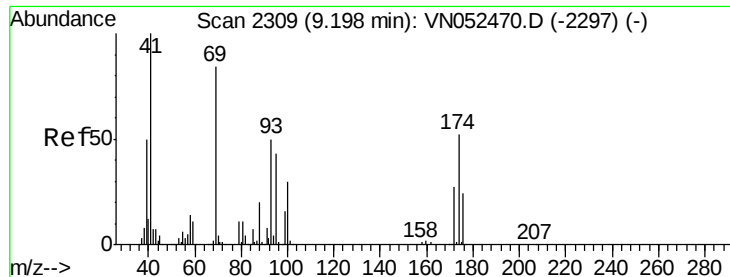
85 0.0 51.3 76.9#

127 0.0 6.9 10.3#



Abundance Ion 82.90 (82.60 to 83.60): VN052511.D (-2280) (-)

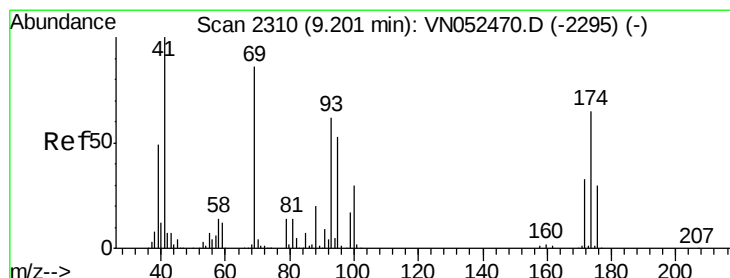
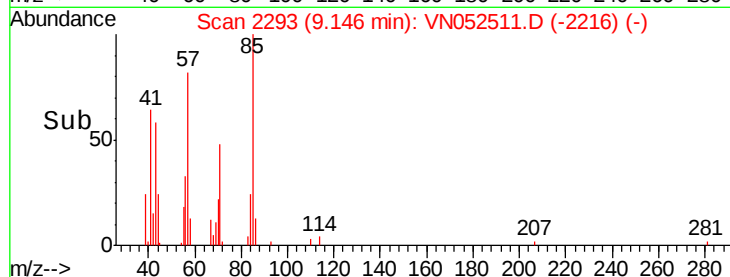
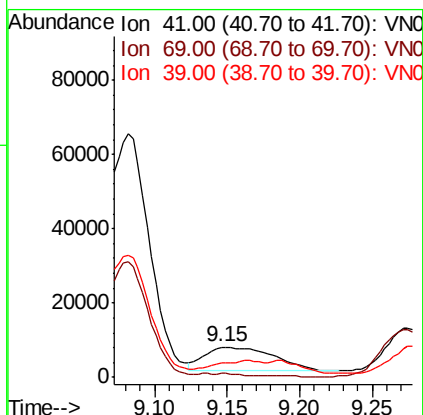
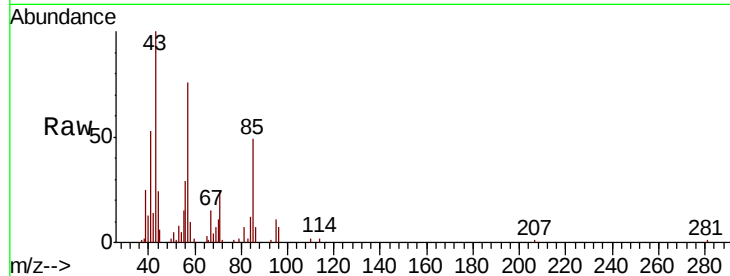




#48
Methvl methacrylate
Concen: 2.151 ug/l
RT: 9.15 min Scan# 2293
Delta R.T. -0.05 min
Lab File: VN052511.D
Acq: 28 Nov 2018 11:24

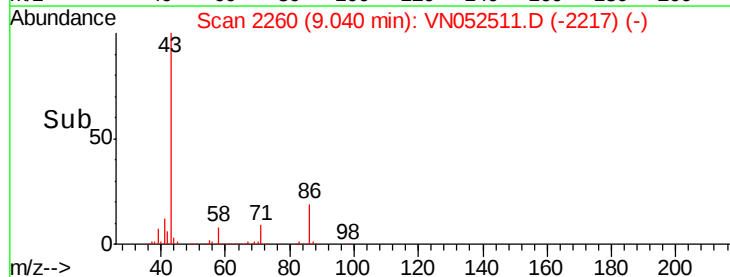
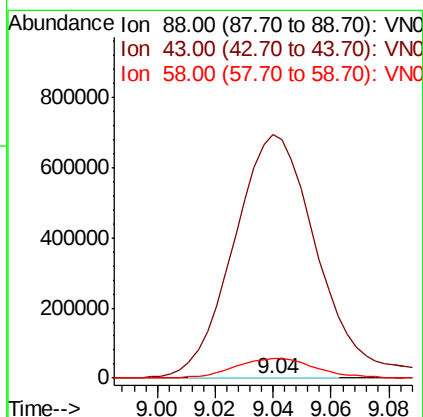
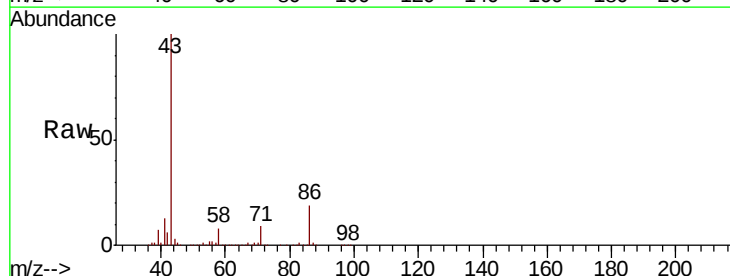
Instrument :
MSVOA_N
ClientSampled :
OILY-WATER

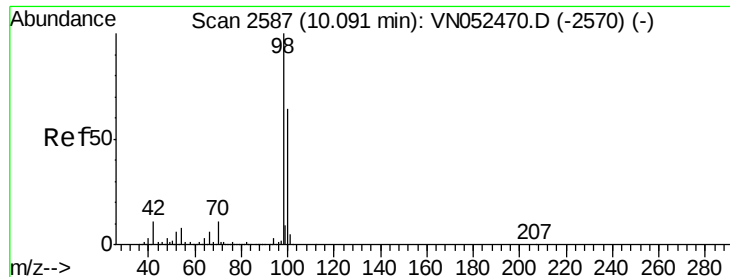
Tot Ion: 41 Resp: 21622
Ion Ratio Lower Upper
41 100
69 0.0 70.0 105.0#
39 19.8 42.6 64.0#



#49
1,4-Dioxane
Concen: 8.732 ug/l
RT: 9.04 min Scan# 2260
Delta R.T. -0.16 min
Lab File: VN052511.D
Acq: 28 Nov 2018 11:24

Tgt Ion: 88 Resp: 911
Ion Ratio Lower Upper
88 100
43 154772.1 26.4 39.6#
58 12333.2 55.4 83.0#





#50

Toluene-d8

Concen: 8.732 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

Instrument :

MSVOA_N

ClientSampleId :

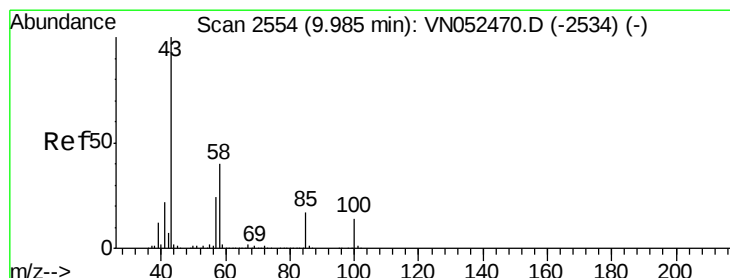
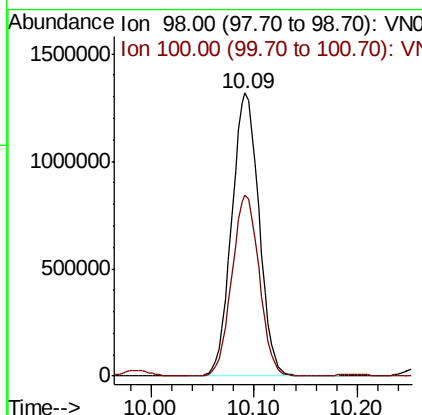
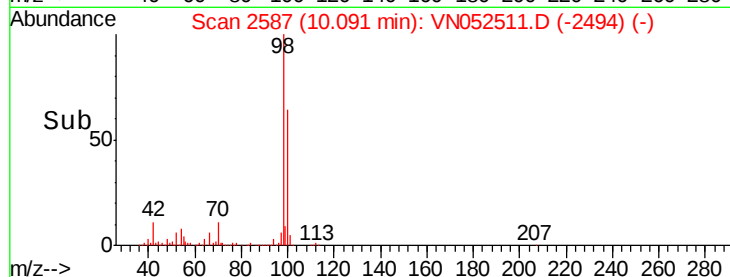
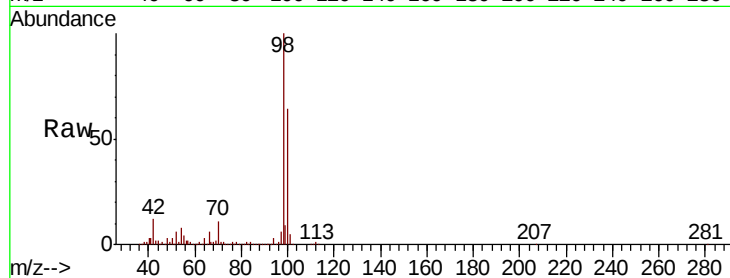
OILY-WATER

Tot Ion: 98 Resp: 2431634

Ion Ratio Lower Upper

98 100

100 64.3 51.3 76.9



#51

4-Methyl-2-Pentanone

Concen: 37.702 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN052511.D

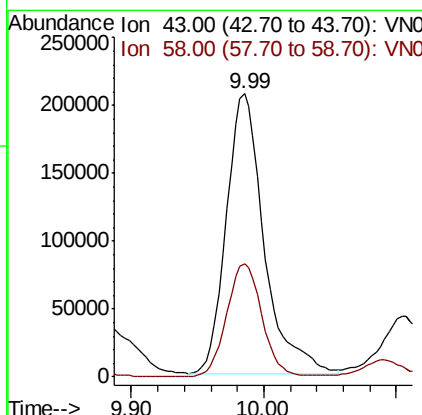
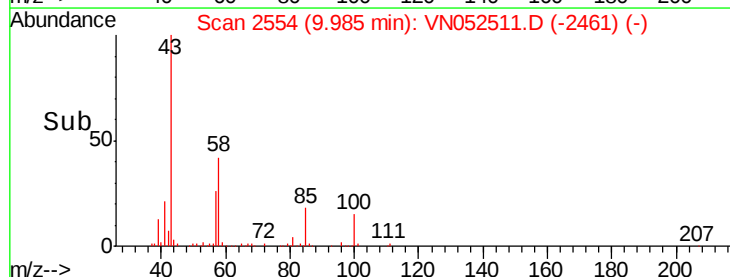
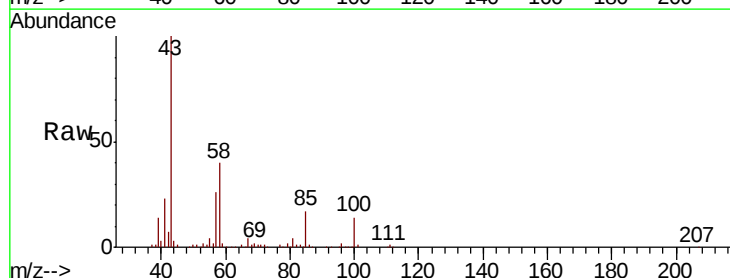
Acq: 28 Nov 2018 11:24

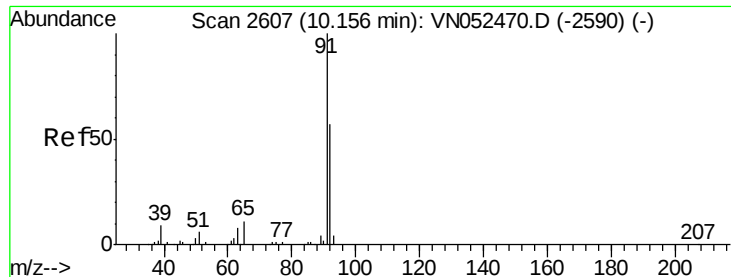
Tgt Ion: 43 Resp: 407805

Ion Ratio Lower Upper

43 100

58 38.0 31.5 47.3





#52

Toluene

Concen: 295.559 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

Instrument :

MSVOA_N

ClientSampleId :

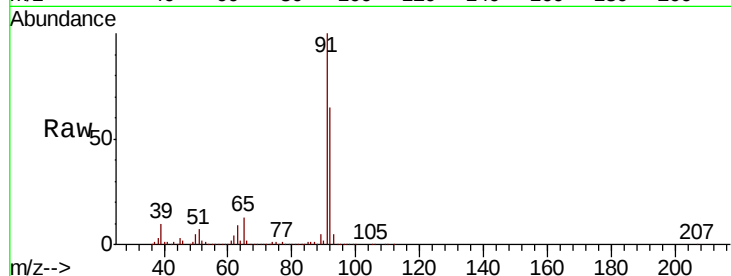
OILY-WATER

Tot Ion: 92 Resp: 9768510

Ion Ratio Lower Upper

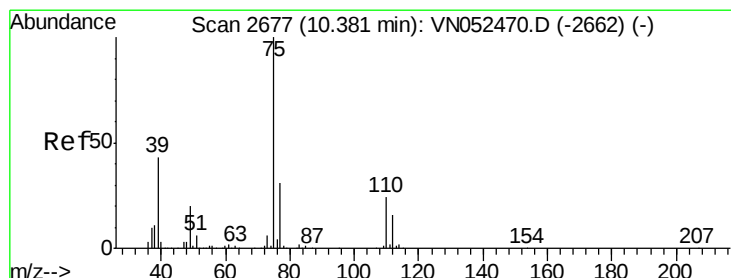
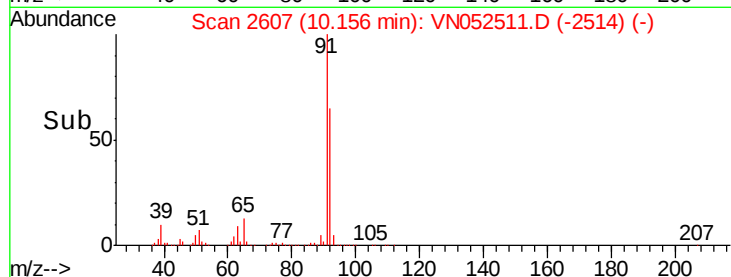
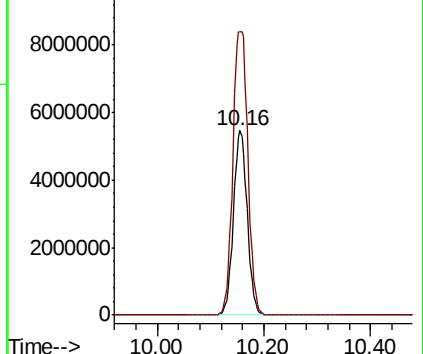
92 100

91 168.1 141.0 211.4



Abundance Ion 92.00 (91.70 to 92.70): VN052470.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN052470.D (-2590) (-)



#53

t-1,3-Dichloropropene

Concen: 6.259 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.23 min

Lab File: VN052511.D

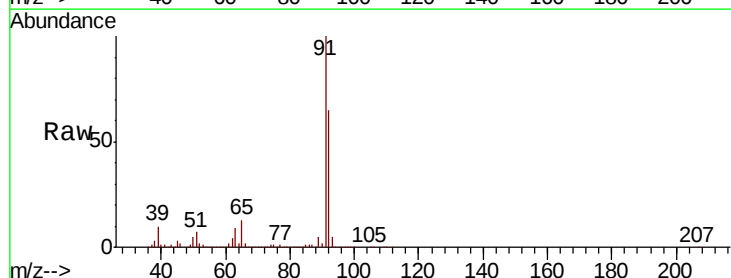
Acq: 28 Nov 2018 11:24

Tgt Ion: 75 Resp: 107179

Ion Ratio Lower Upper

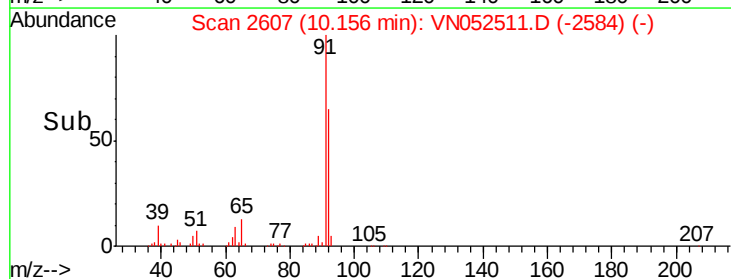
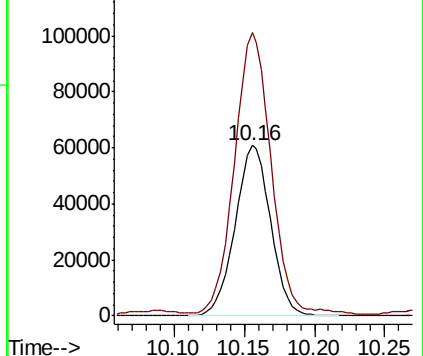
75 100

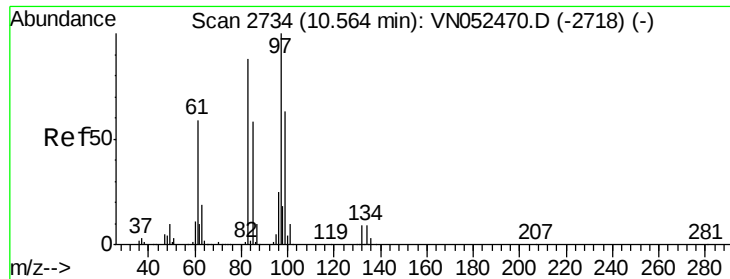
77 164.3 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VN052470.D (-2662) (-)

Ion 76.90 (76.60 to 77.60): VN052470.D (-2662) (-)

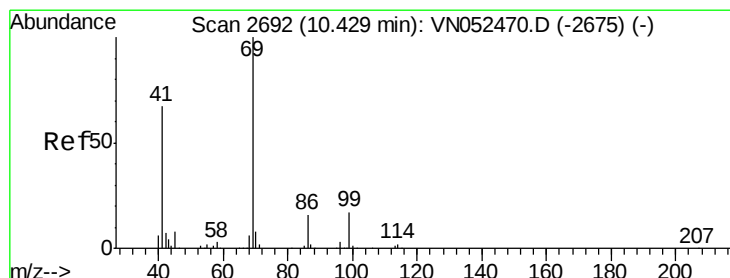
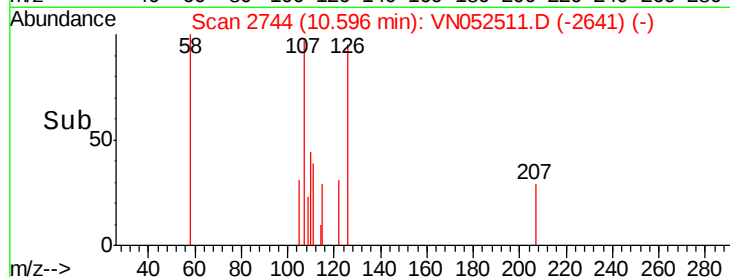
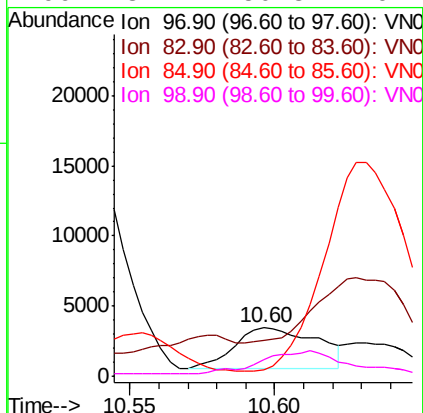
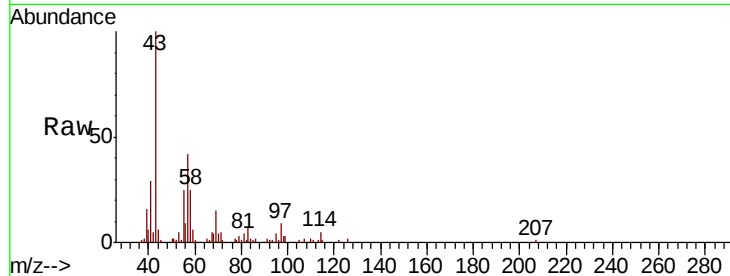




#55
 1,1,2-Trichloroethane
 Concen: 0.491 ug/l
 RT: 10.60 min Scan# 2744
 Delta R.T. 0.03 min
 Lab File: VN052511.D
 Acq: 28 Nov 2018 11:24

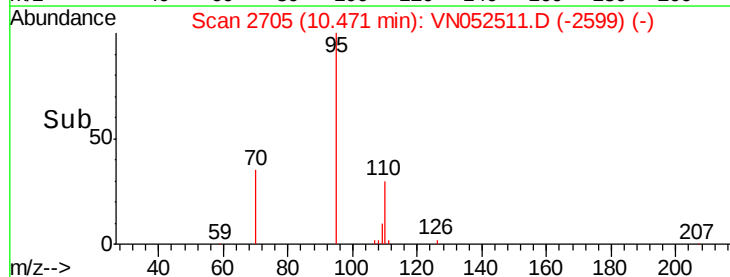
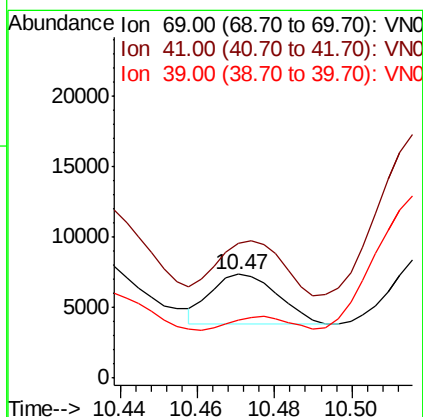
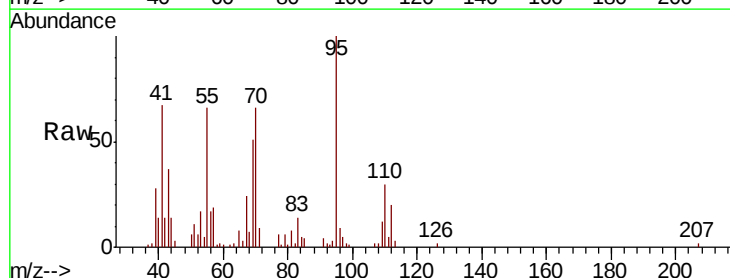
Instrument :
 MSVOA_N
 ClientSampled :
 OILY-WATER

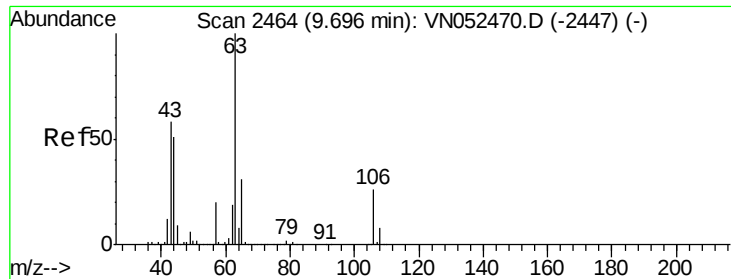
Tot Ion: 97 Resp: 5706
 Ion Ratio Lower Upper
 97 100
 83 0.0 70.7 106.1#
 85 0.0 46.1 69.1#
 99 34.7 50.8 76.2#



#56
 Ethyl methacrylate
 Concen: 2.944 ug/l
 RT: 10.47 min Scan# 2705
 Delta R.T. 0.04 min
 Lab File: VN052511.D
 Acq: 28 Nov 2018 11:24

Tgt Ion: 69 Resp: 4278
 Ion Ratio Lower Upper
 69 100
 41 0.0 52.6 79.0#
 39 0.0 25.9 38.9#





#58

2-Chloroethyl Vinyl ether

Concen: 0.266 ug/l

RT: 9.72 min Scan# 2472

Delta R.T. 0.03 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

Instrument :

MSVOA_N

ClientSampleId :

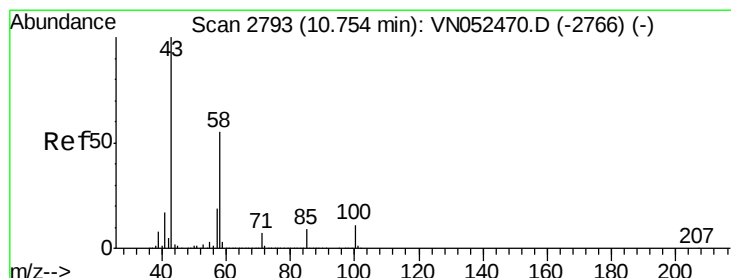
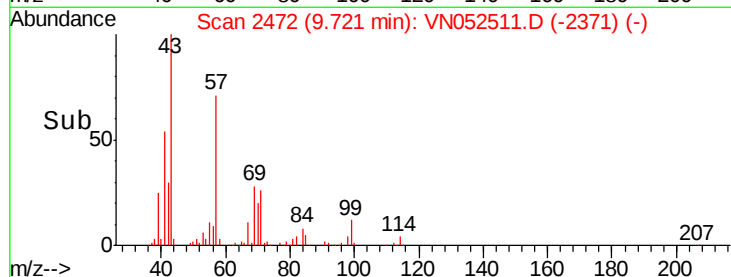
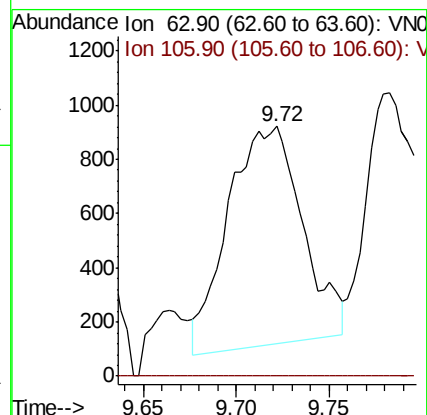
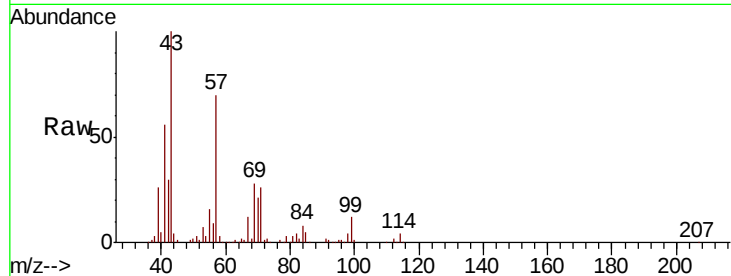
OILY-WATER

Tot Ion: 63 Resp: 2246

Ion Ratio Lower Upper

63 100

106 0.0 20.6 30.8#



#59

2-Hexanone

Concen: 124.916 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. -0.00 min

Lab File: VN052511.D

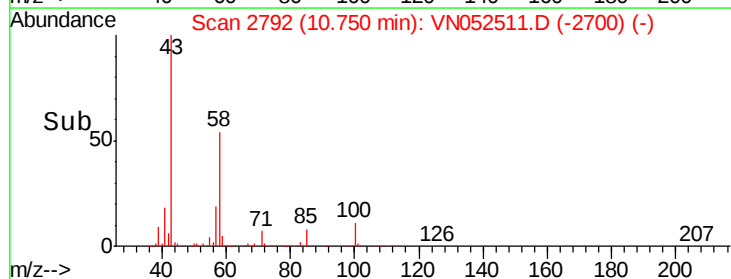
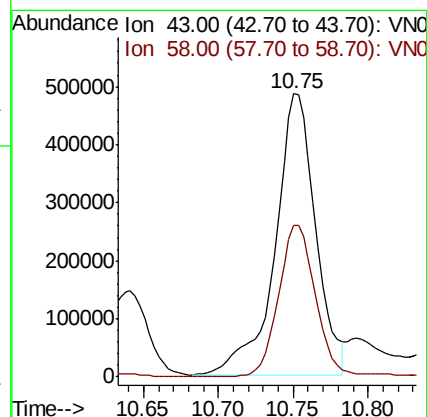
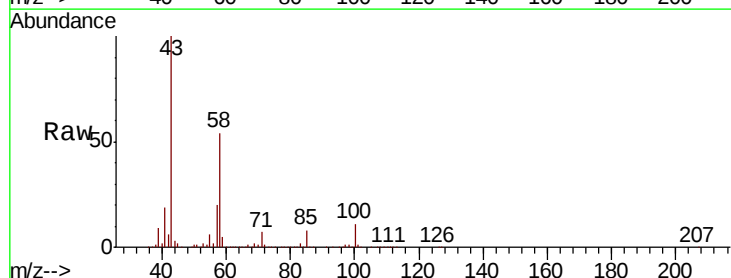
Acq: 28 Nov 2018 11:24

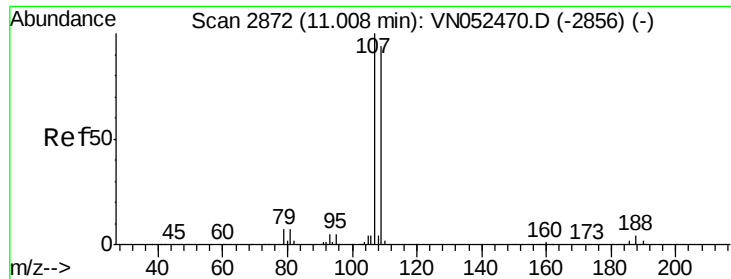
Tgt Ion: 43 Resp: 906824

Ion Ratio Lower Upper

43 100

58 49.4 27.4 82.0





#61

1,2-Dibromoethane

Concen: 0.282 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. -0.03 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

Instrument :

MSVOA_N

ClientSampleId :

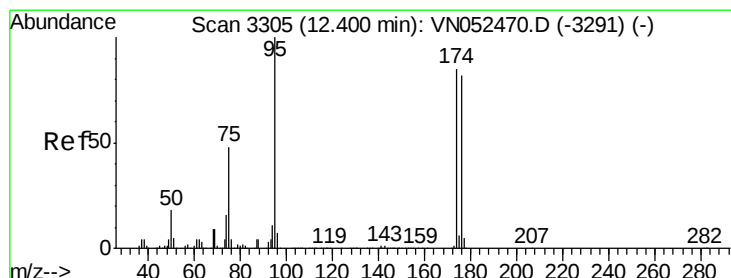
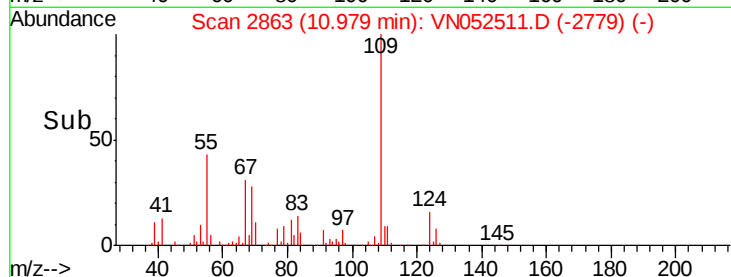
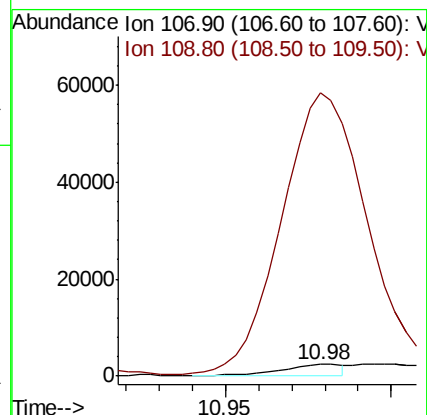
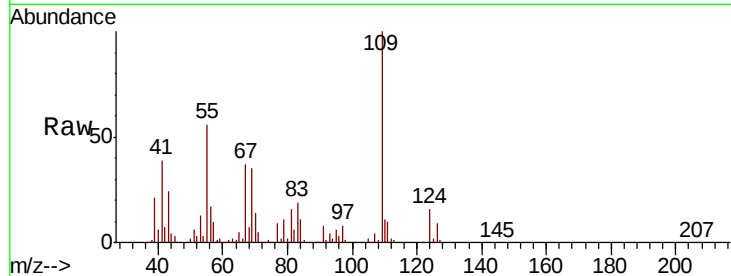
OILY-WATER

Tot Ion:107 Resp: 3255

Ion Ratio Lower Upper

107 100

109 3273.0 75.6 113.4#



#62

4-Bromofluorobenzene

Concen: 0.282 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

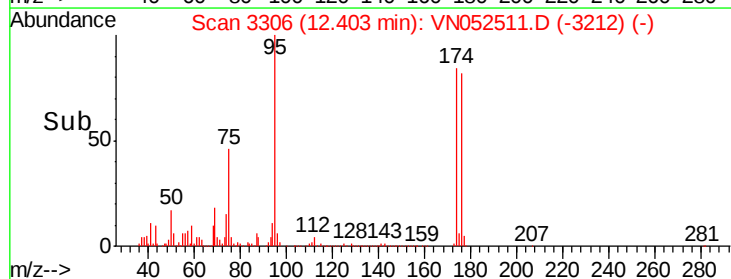
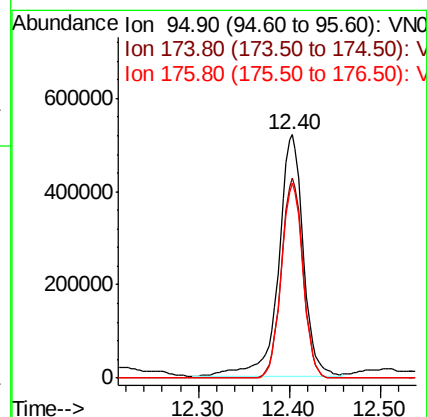
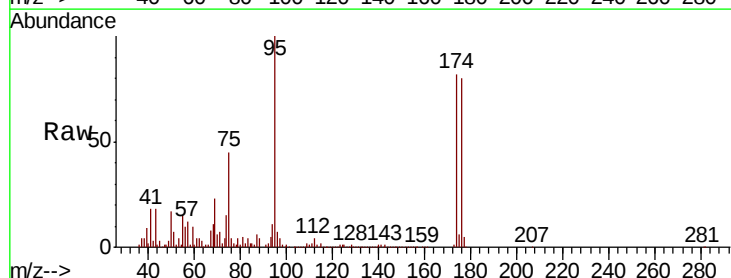
Tgt Ion: 95 Resp: 977036

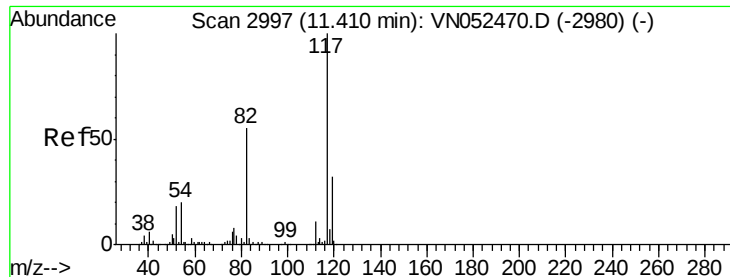
Ion Ratio Lower Upper

95 100

174 72.2 0.0 173.0

176 70.5 0.0 166.2

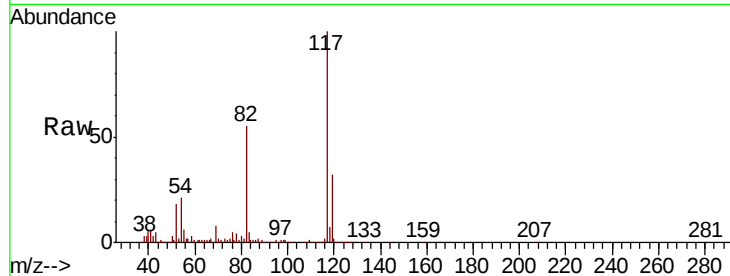




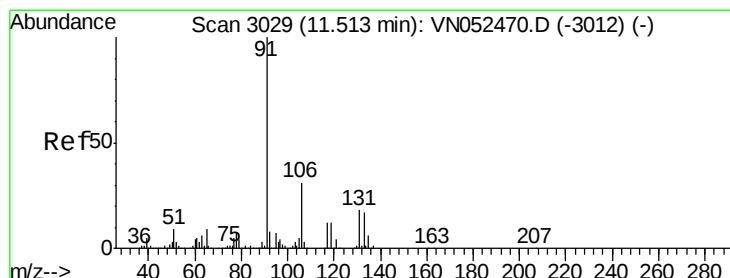
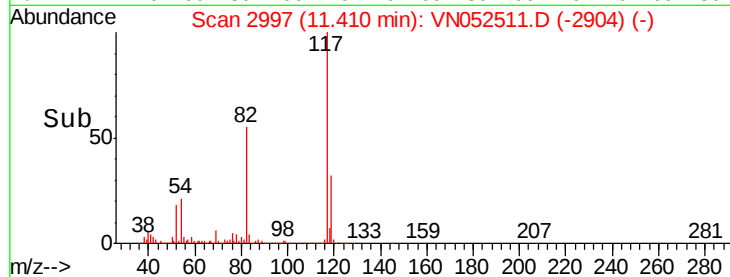
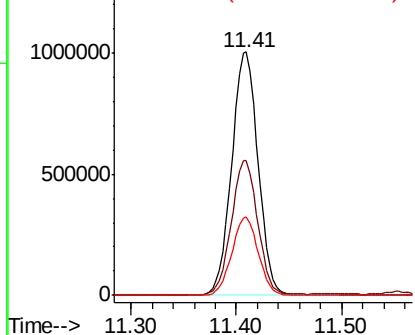
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052511.D
Acq: 28 Nov 2018 11:24

Instrument :
MSVOA_N
ClientSampled :
OILY-WATER

Tot Ion:117 Resp: 1734022
Ion Ratio Lower Upper
117 100
82 54.9 43.6 65.4
119 32.1 25.4 38.2

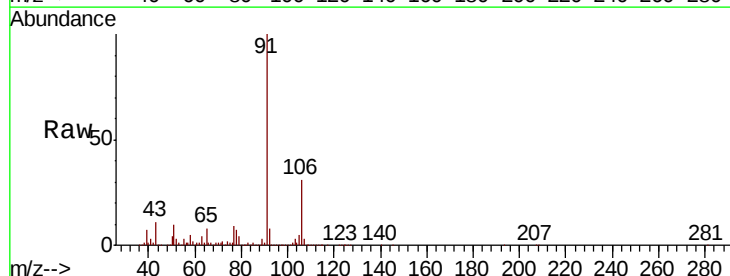


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

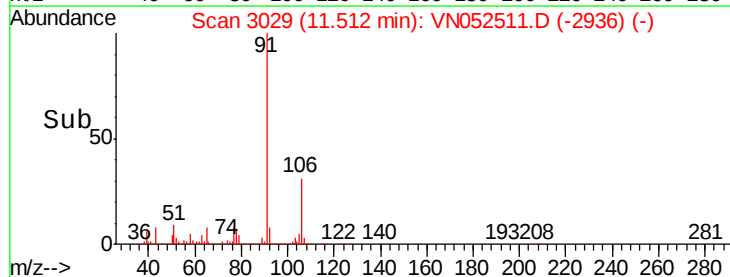
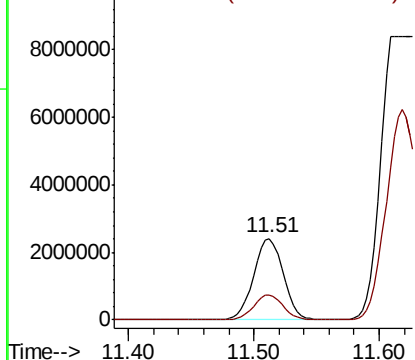


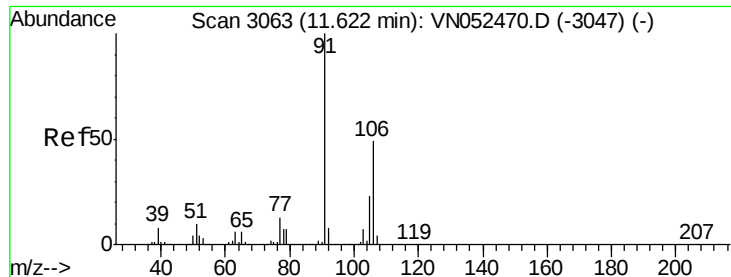
#67
Ethyl Benzene
Concen: 63.645 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN052511.D
Acq: 28 Nov 2018 11:24

Tgt Ion: 91 Resp: 3985050
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 106.00 (105.70 to 106.70): V

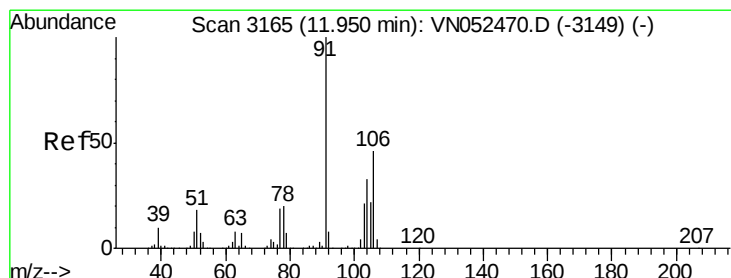
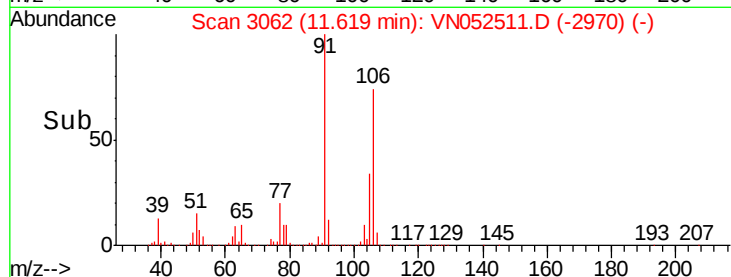
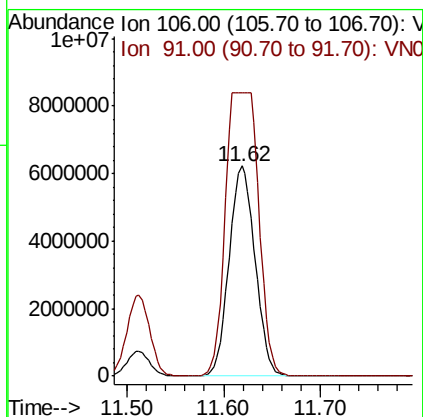
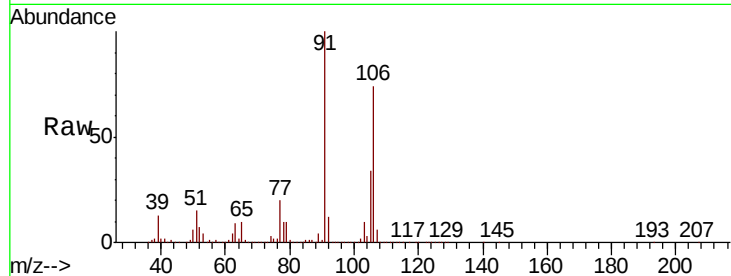




#68
m/p-Xylenes
Concen: 498.016 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052511.D
Acq: 28 Nov 2018 11:24

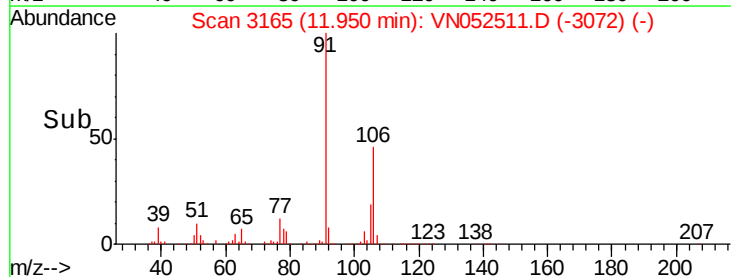
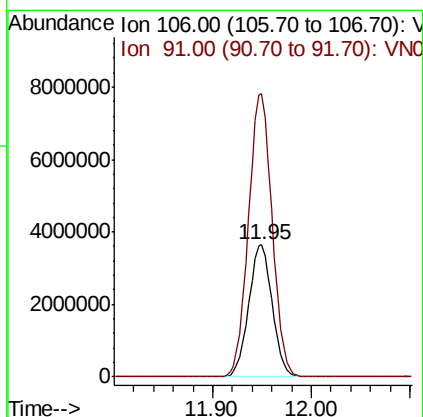
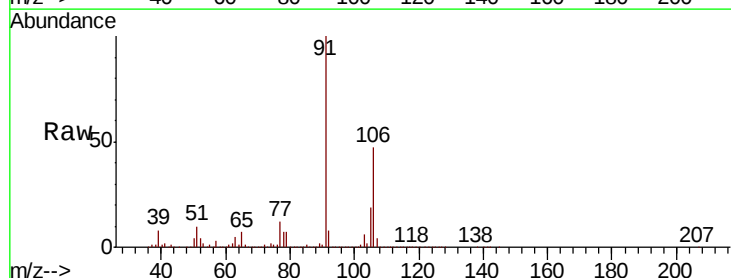
Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER

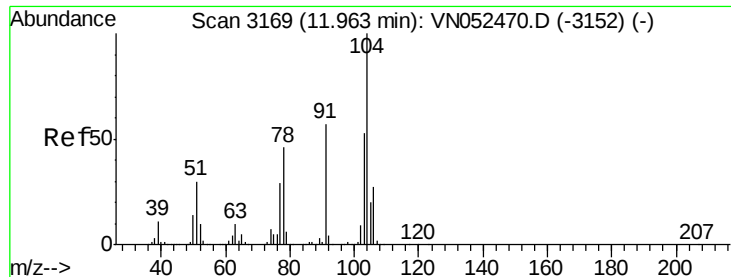
Tot Ion:106 Resp:11608565
Ion Ratio Lower Upper
106 100
91 0.0 163.2 244.8#



#69
o-Xylene
Concen: 262.848 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN052511.D
Acq: 28 Nov 2018 11:24

Tgt Ion:106 Resp: 5949744
Ion Ratio Lower Upper
106 100
91 216.1 107.7 323.1





#70

Stvrene

Concen: 7.932 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. -0.01 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER

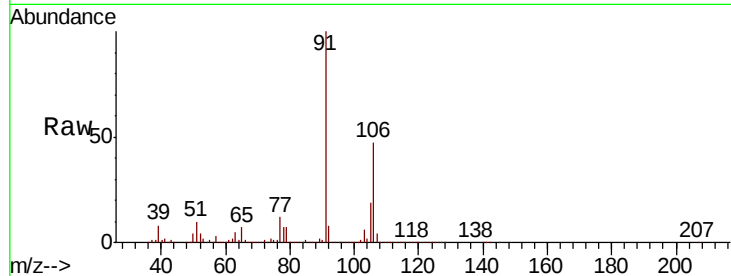
Tot Ion:104 Resp: 285956

Ion Ratio Lower Upper

104 100

78 293.7 39.4 59.2#

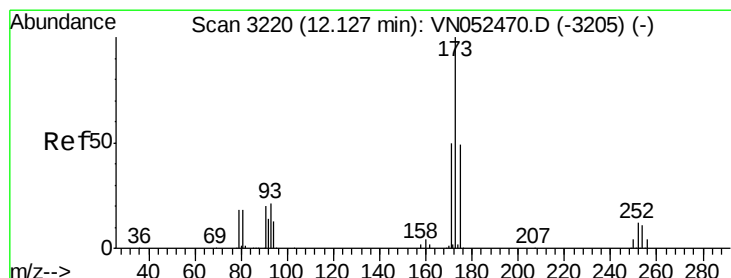
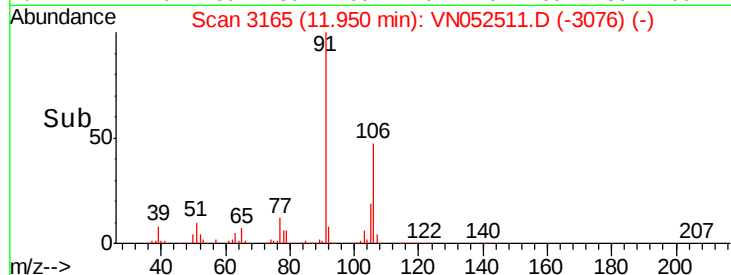
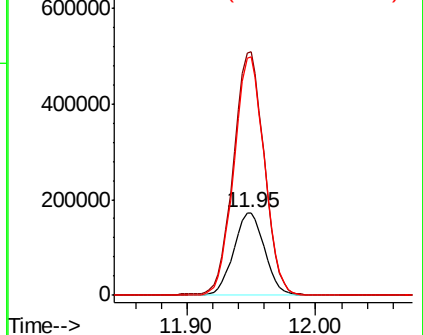
103 285.3 44.9 67.3#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.648 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

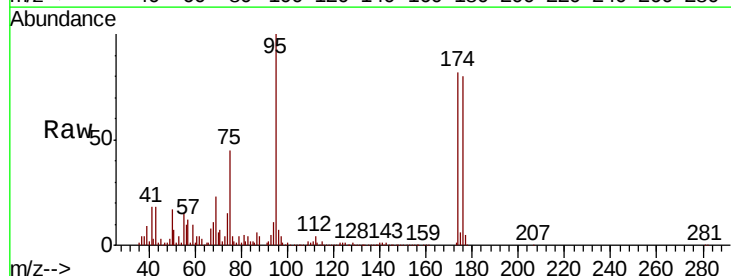
Tgt Ion:173 Resp: 5332

Ion Ratio Lower Upper

173 100

175 820.5 24.4 73.2#

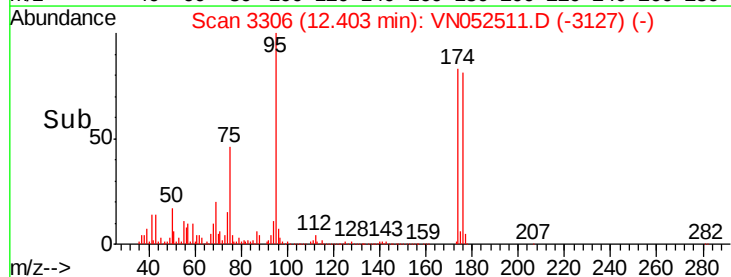
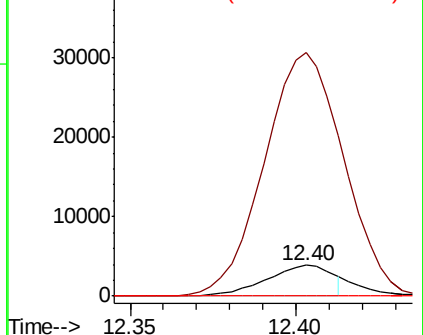
254 0.0 0.1 0.1#

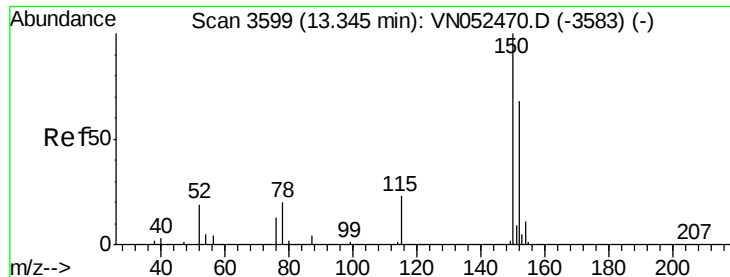


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER

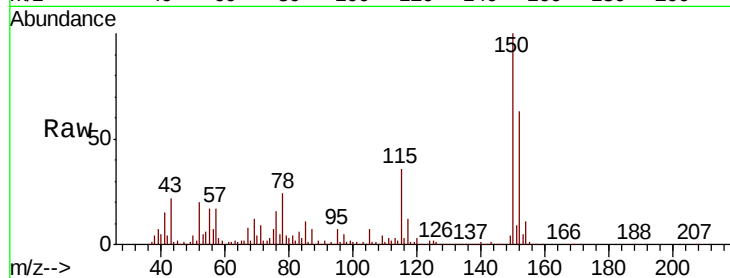
Tot Ion:152 Resp: 770676

Ion Ratio Lower Upper

152 100

115 62.2 28.4 85.2

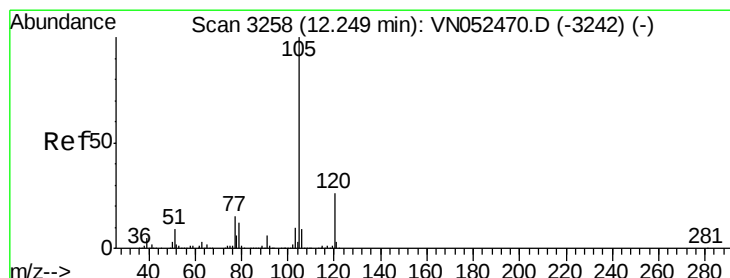
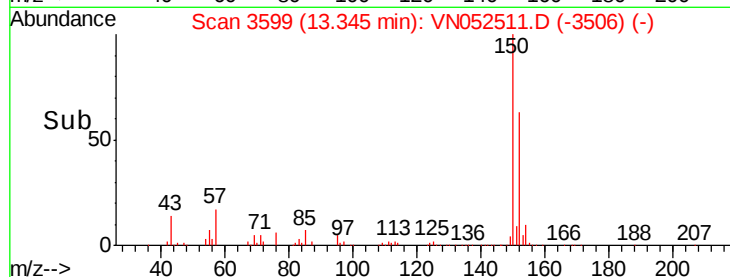
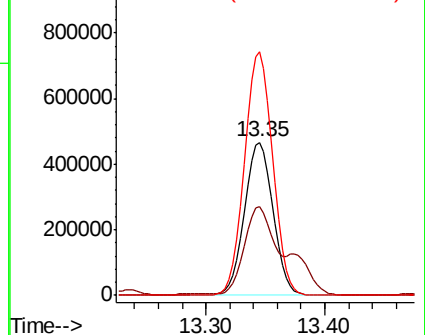
150 157.9 0.0 346.0



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



#73

Isopropylbenzene

Concen: 5.459 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052511.D

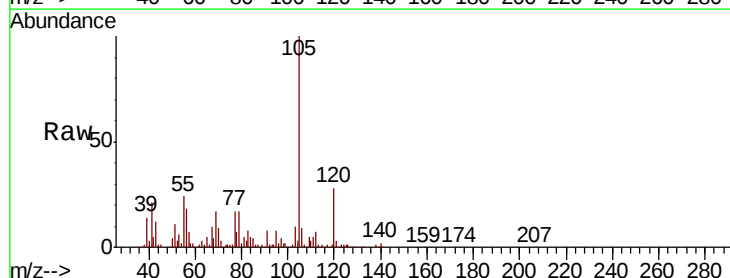
Acq: 28 Nov 2018 11:24

Tgt Ion:105 Resp: 330048

Ion Ratio Lower Upper

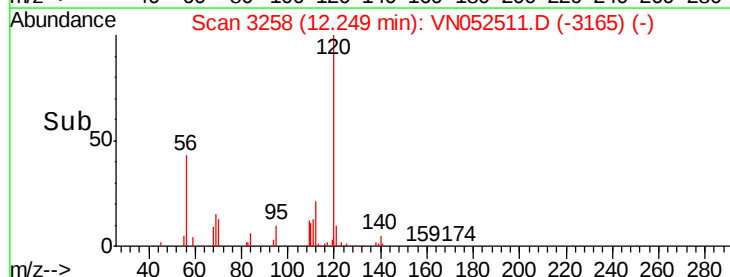
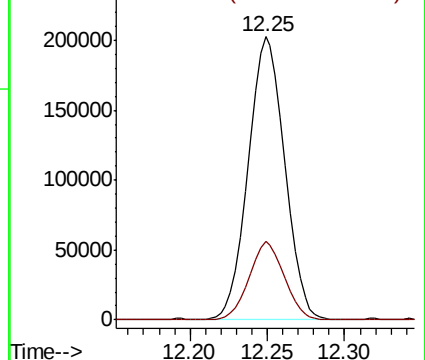
105 100

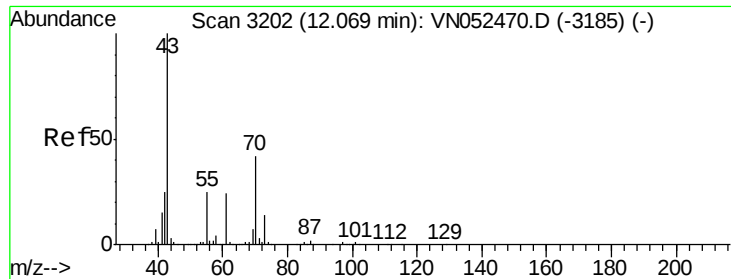
120 26.9 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 54.819 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER

Tot Ion: 43 Resp: 837402

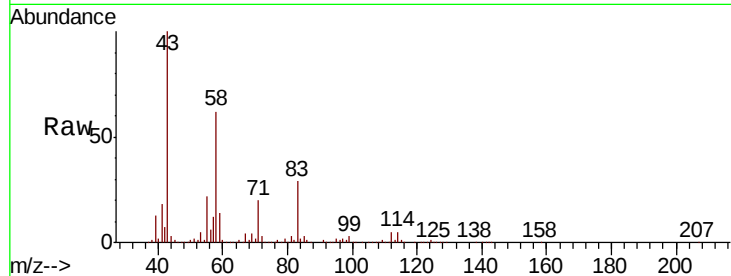
Ion Ratio Lower Upper

43 100

70 0.0 33.8 50.8#

55 23.3 20.0 30.0

61 0.0 19.7 29.5#

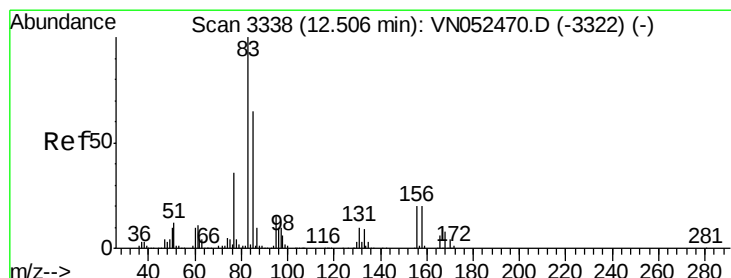
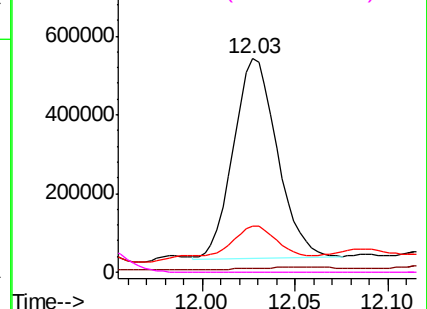
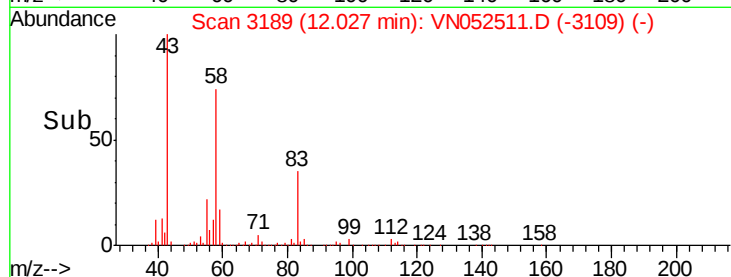


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#75

1,1,2,2-Tetrachloroethane

Concen: 4.481 ug/l

RT: 12.52 min Scan# 3341

Delta R.T. 0.01 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

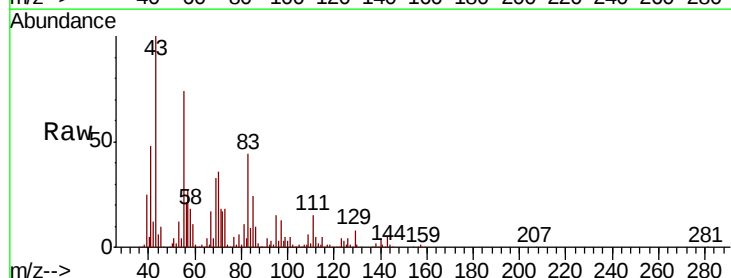
Tgt Ion: 83 Resp: 61628

Ion Ratio Lower Upper

83 100

131 0.4 5.0 15.0#

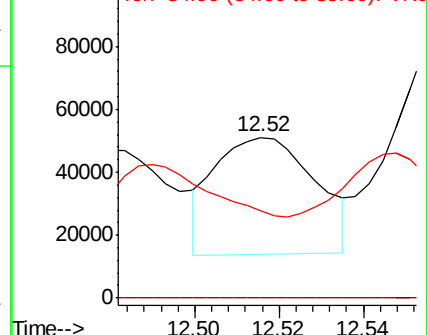
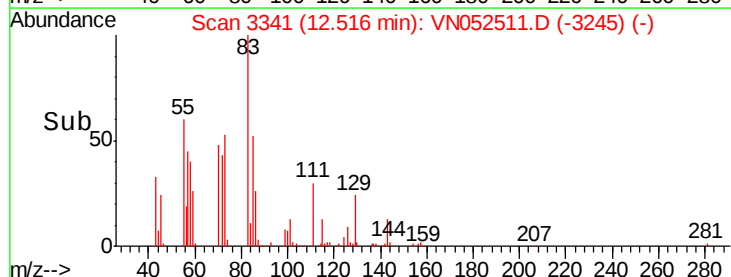
85 0.0 31.9 95.9#

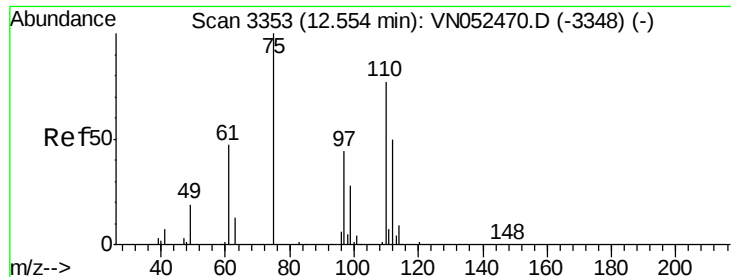


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO





#76

1,2,3-Trichloropropane

Concen: 5.367 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. 0.10 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

Instrument :

MSVOA_N

ClientSampled :

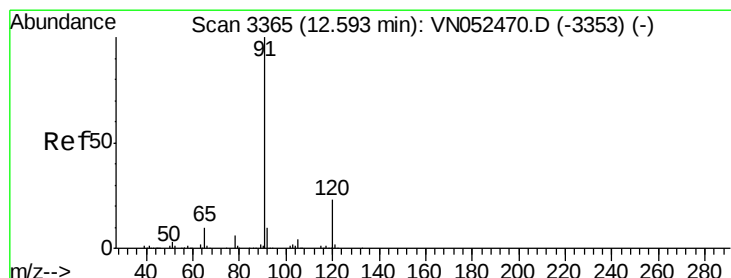
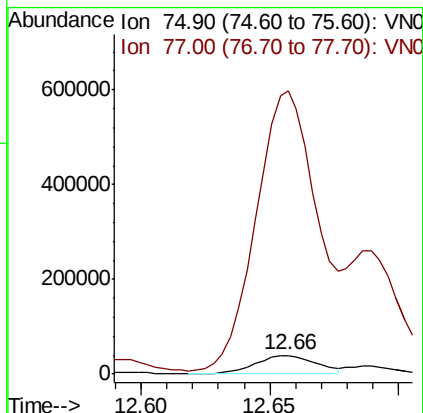
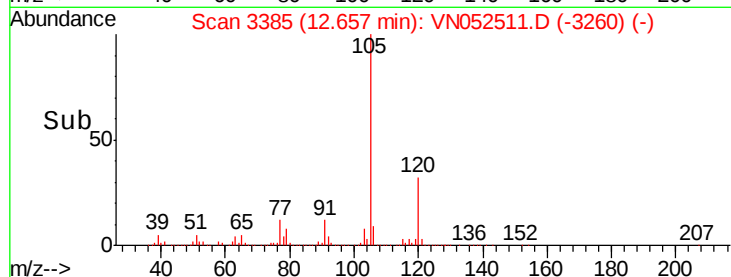
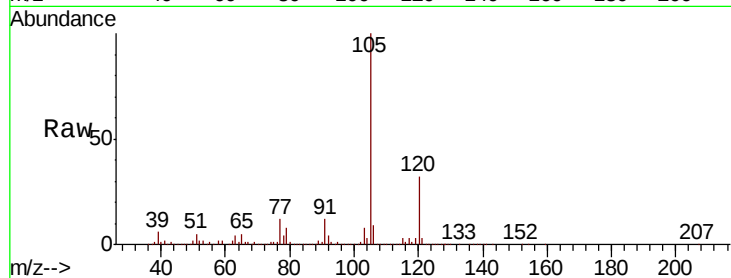
OILY-WATER

Tot Ion: 75 Resp: 63777

Ion Ratio Lower Upper

75 100

77 1521.6 0.0 0.0#



#78

n-propylbenzene

Concen: 17.121 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN052511.D

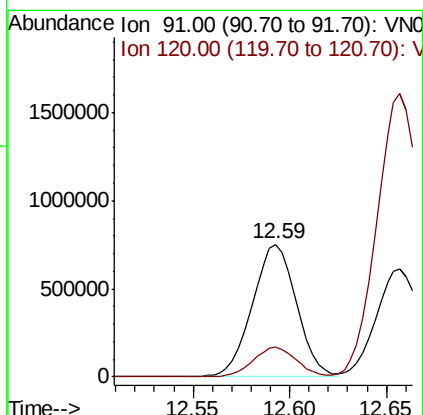
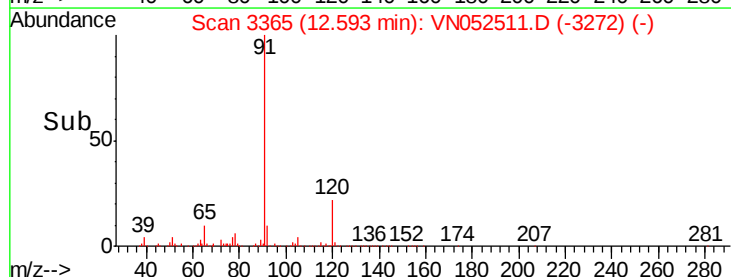
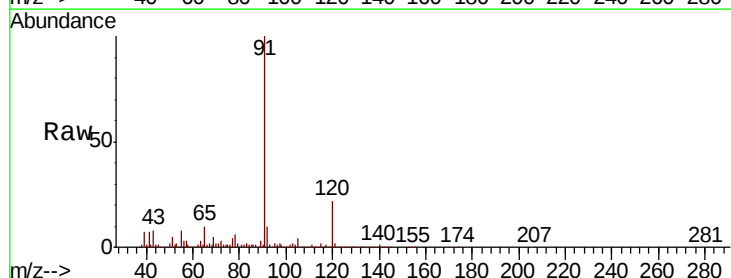
Acq: 28 Nov 2018 11:24

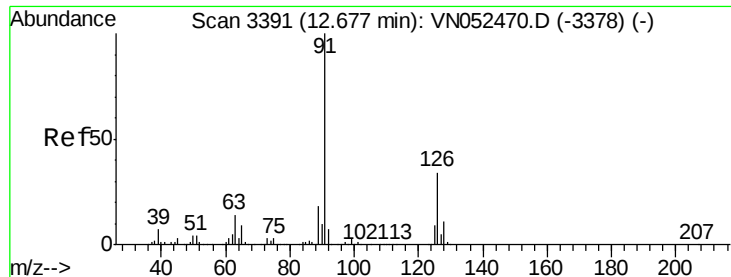
Tgt Ion: 91 Resp: 1176014

Ion Ratio Lower Upper

91 100

120 22.8 11.3 33.9

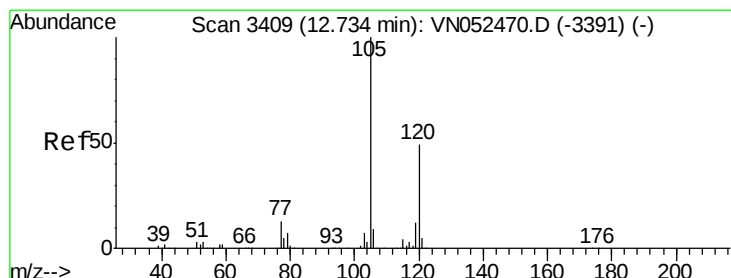
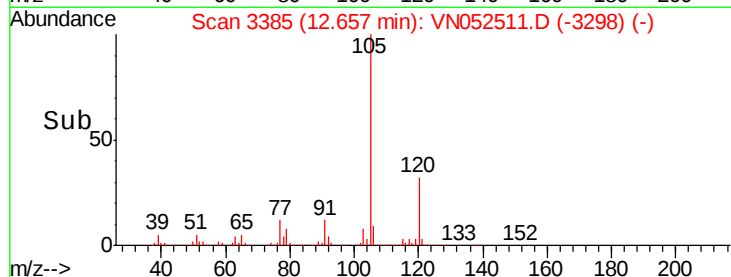
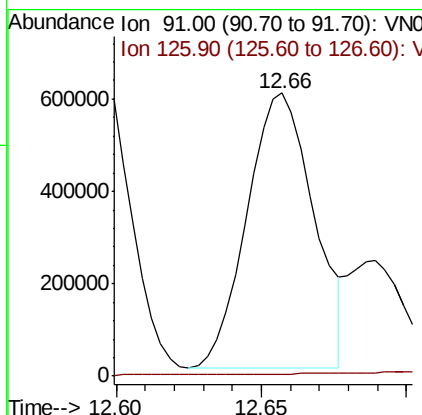
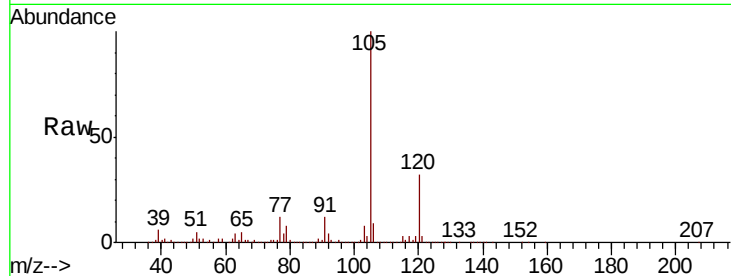




#79
 2-Chlorotoluene
 Concen: 23.358 ug/l
 RT: 12.66 min Scan# 3385
 Delta R.T. -0.02 min
 Lab File: VN052511.D
 Acq: 28 Nov 2018 11:24

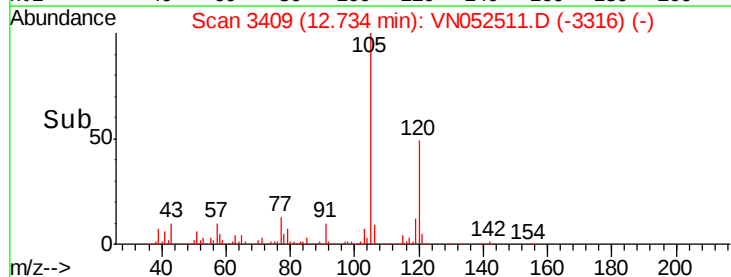
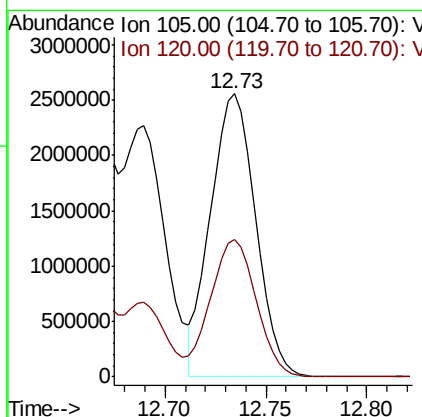
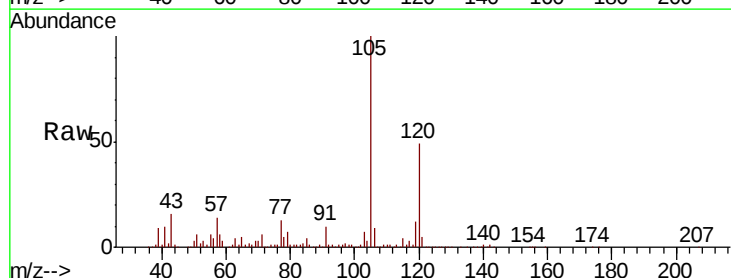
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-WATER

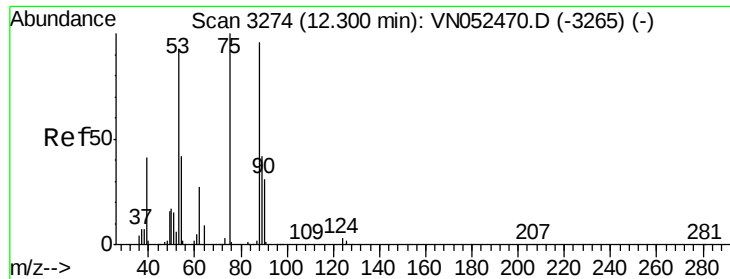
Tot Ion: 91 Resp: 955464
 Ion Ratio Lower Upper
 91 100
 126 0.4 17.2 51.6#



#80
 1,3,5-Trimethylbenzene
 Concen: 82.208 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: VN052511.D
 Acq: 28 Nov 2018 11:24

Tgt Ion: 105 Resp: 3964316
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.3 73.0

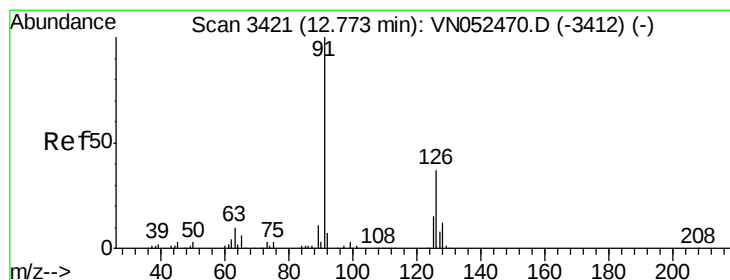
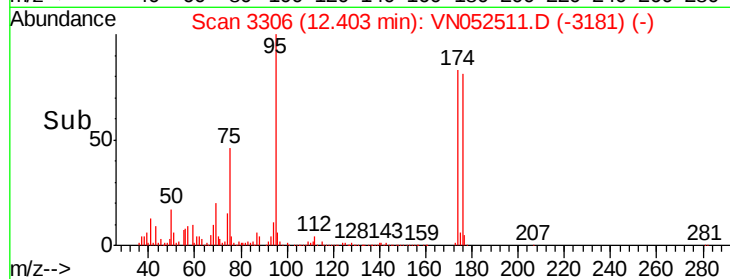
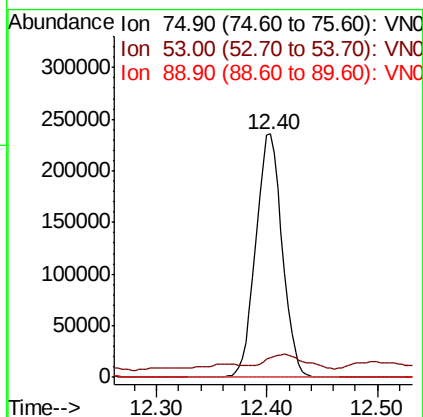
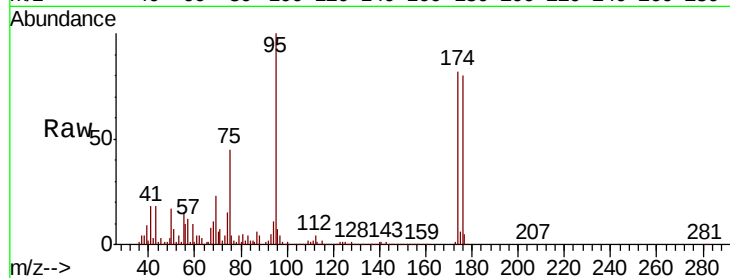




#81
trans-1,4-Dichloro-2-butene
Concen: 109.690 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN052511.D
Acq: 28 Nov 2018 11:24

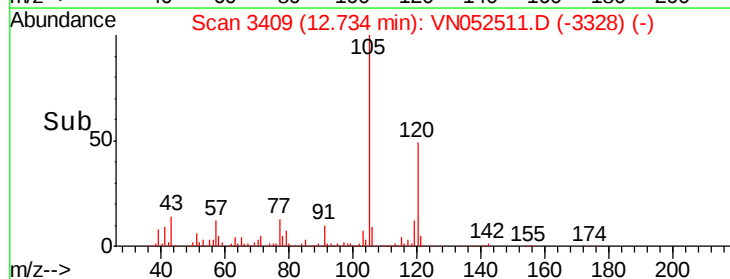
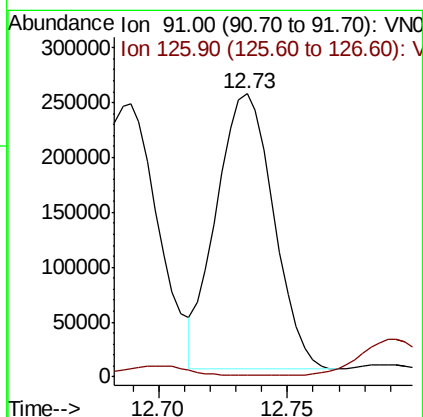
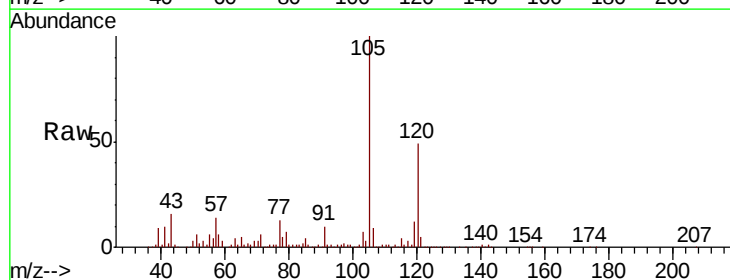
Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER

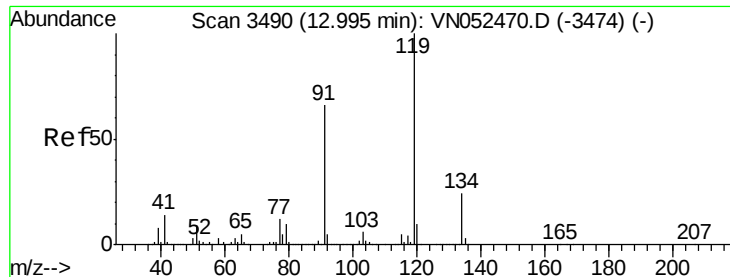
Tot Ion: 75 Resp: 390350
Ion Ratio Lower Upper
75 100
53 8.2 77.4 116.0#
89 0.0 35.4 53.2#



#82
4-Chlorotoluene
Concen: 9.395 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. -0.04 min
Lab File: VN052511.D
Acq: 28 Nov 2018 11:24

Tgt Ion: 91 Resp: 387336
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.6#

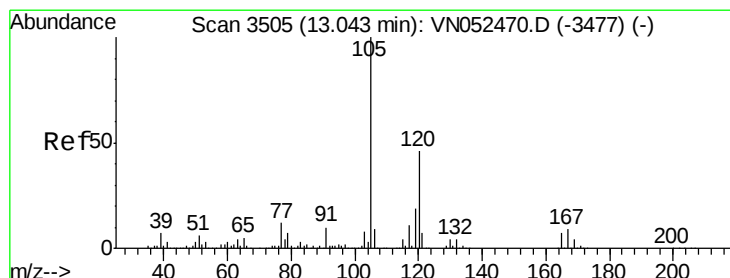
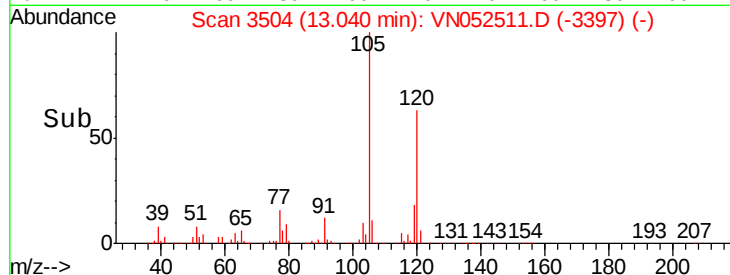
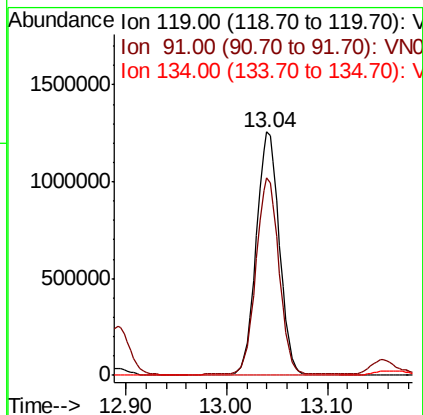
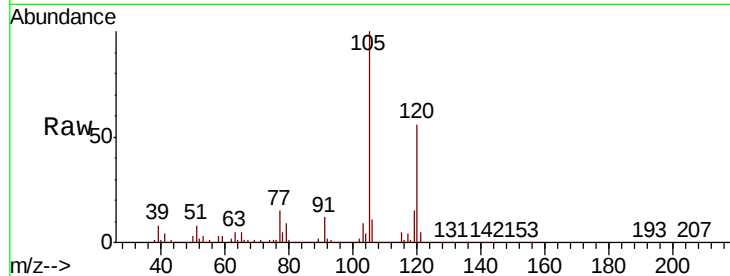




#83
 tert-Butylbenzene
 Concen: 45.944 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.04 min
 Lab File: VN052511.D
 Acq: 28 Nov 2018 11:24

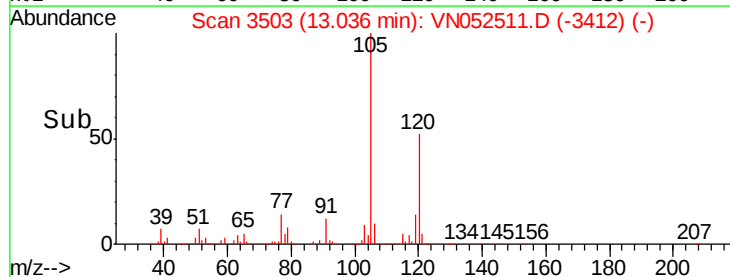
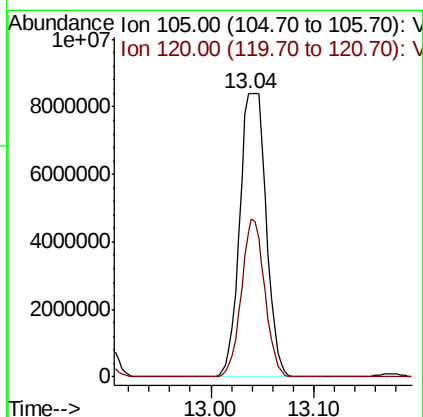
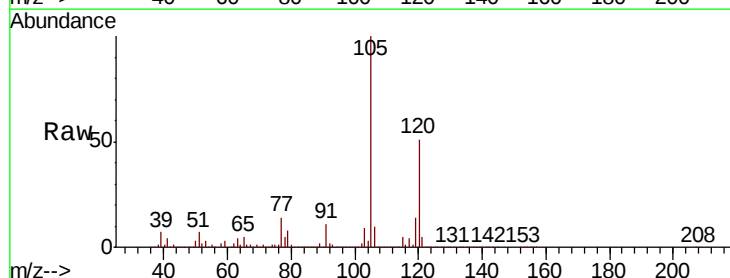
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-WATER

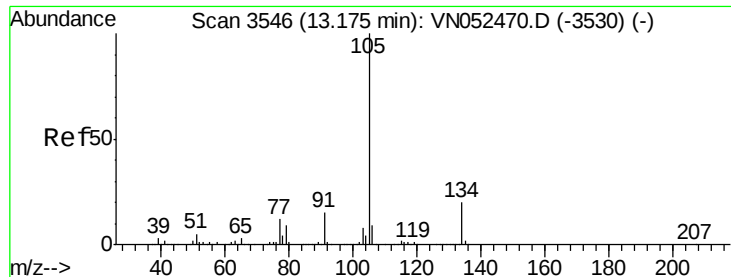
Tot Ion:119 Resp: 1975155
 Ion Ratio Lower Upper
 119 100
 91 80.6 32.3 96.9
 134 0.0 13.0 38.9#



#84
 1,2,4-Trimethylbenzene
 Concen: 309.939 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.01 min
 Lab File: VN052511.D
 Acq: 28 Nov 2018 11:24

Tgt Ion:105 Resp:14978521
 Ion Ratio Lower Upper
 105 100
 120 49.0 22.8 68.4





#85

sec-Butylbenzene

Concen: 255.804 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.14 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

Instrument :

MSVOA_N

ClientSampleId :

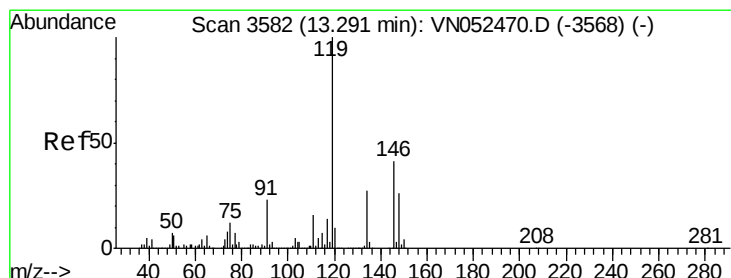
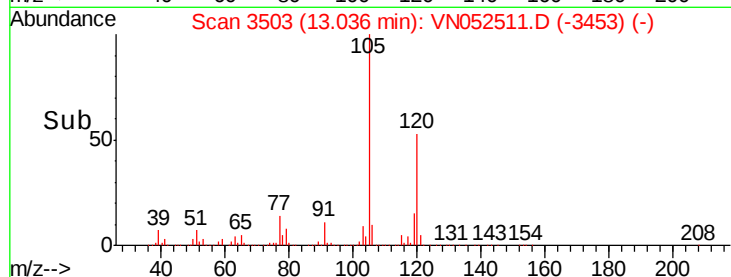
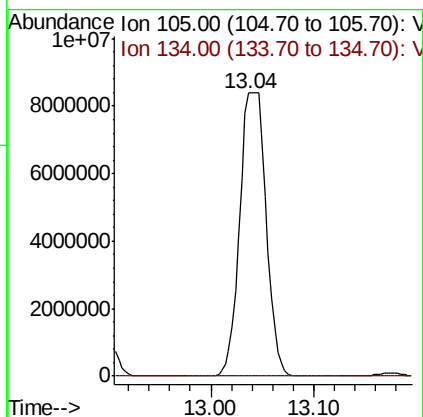
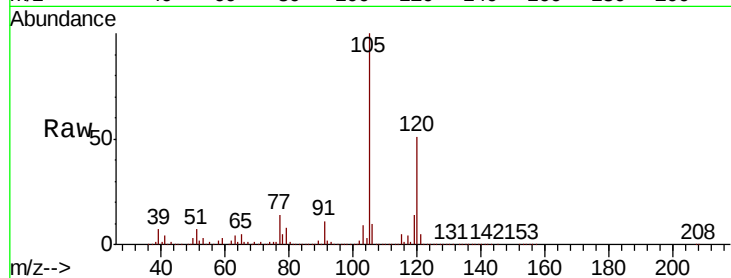
OILY-WATER

Tot Ion:105 Resp:14978521

Ion Ratio Lower Upper

105 100

134 0.0 9.9 29.7#



#86

p-Isopropyltoluene

Concen: 6.997 ug/l

RT: 13.24 min Scan# 3565

Delta R.T. -0.05 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

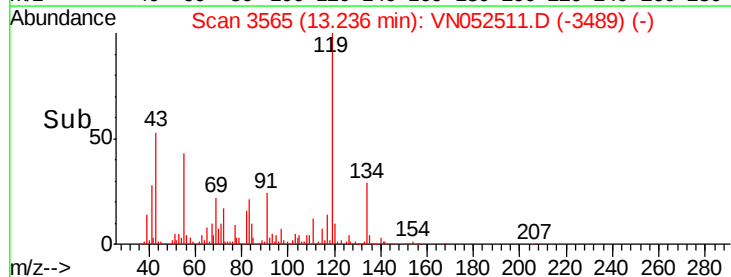
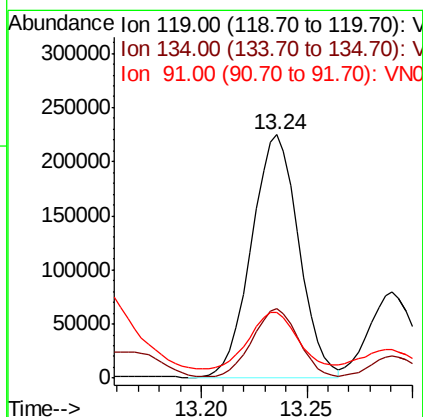
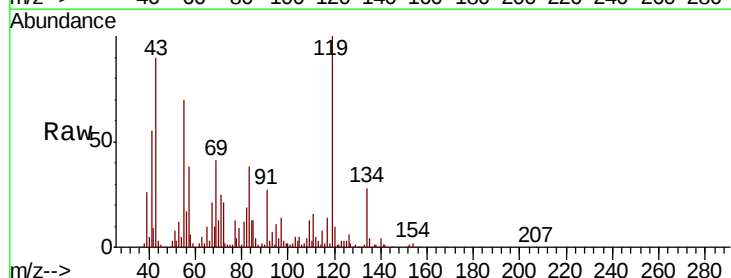
Tgt Ion:119 Resp: 348964

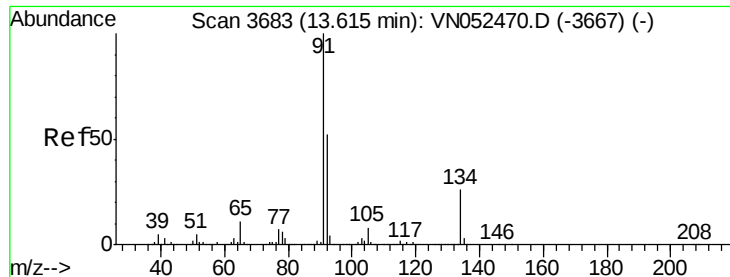
Ion Ratio Lower Upper

119 100

134 28.2 13.4 40.2

91 23.9 11.4 34.2

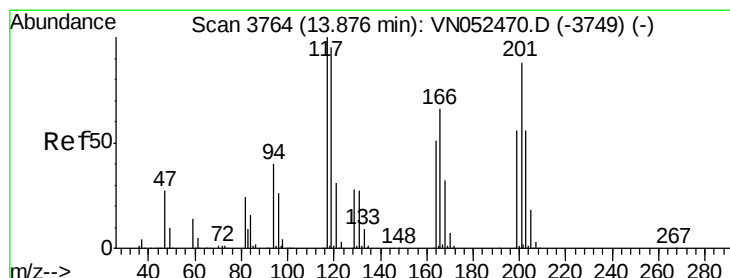
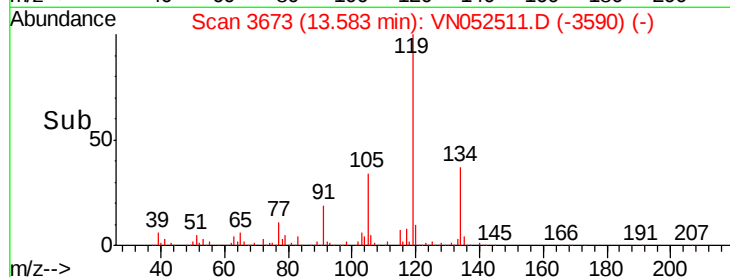
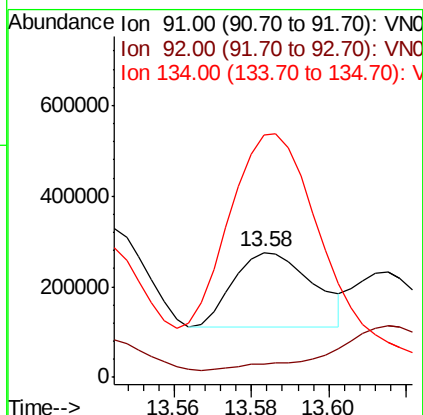
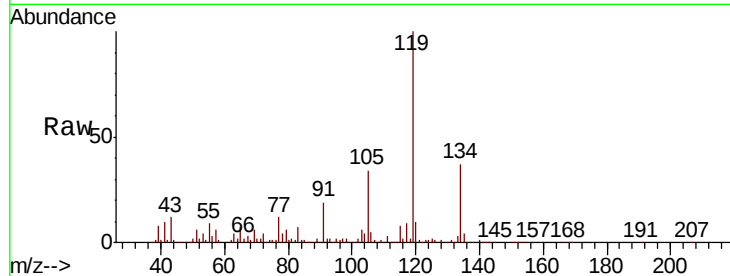




#89
n-Butylbenzene
Concen: 5.693 ug/l
RT: 13.58 min Scan# 3673
Delta R.T. -0.03 min
Lab File: VN052511.D
Acq: 28 Nov 2018 11:24

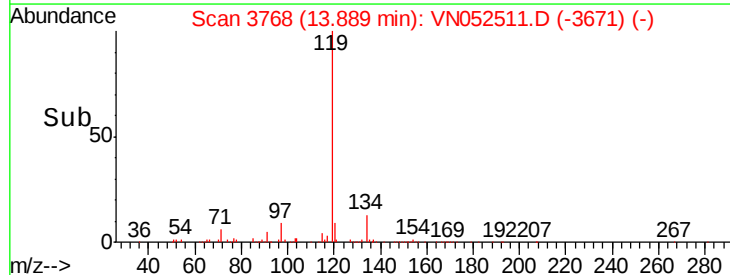
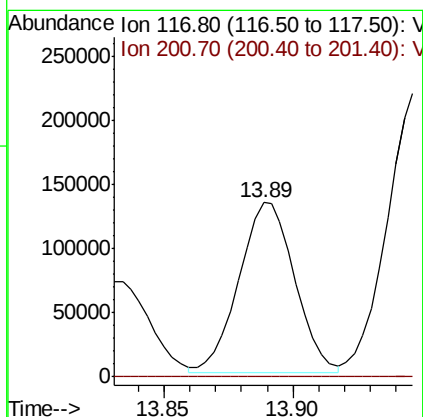
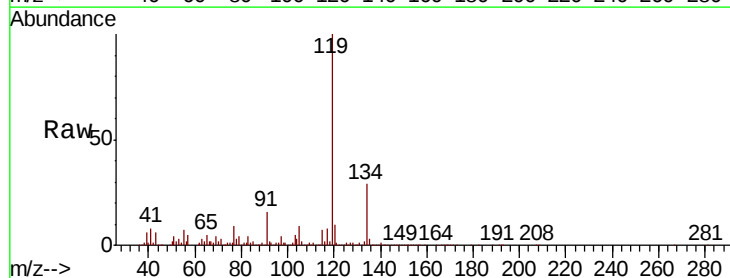
Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER

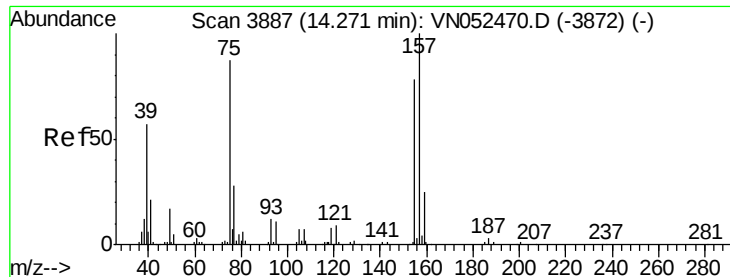
Tot Ion: 91 Resp: 236139
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 430.2 13.0 38.9#



#90
Hexachloroethane
Concen: 23.610 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN052511.D
Acq: 28 Nov 2018 11:24

Tgt Ion: 117 Resp: 199377
Ion Ratio Lower Upper
117 100
201 0.0 43.6 130.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 6.409 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER

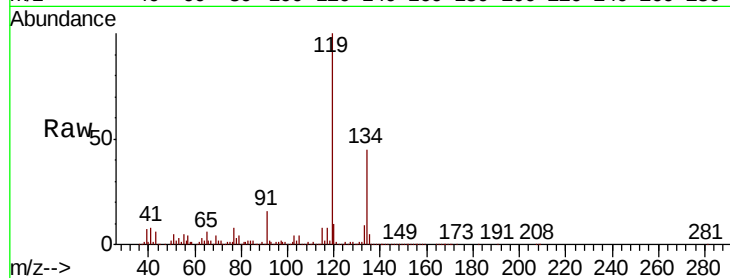
Tot Ion: 75 Resp: 12608

Ion Ratio Lower Upper

75 100

155 0.0 45.3 135.9#

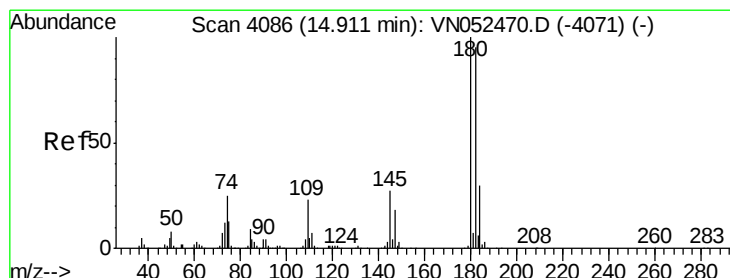
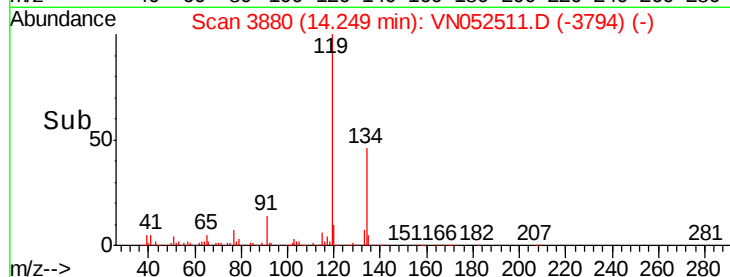
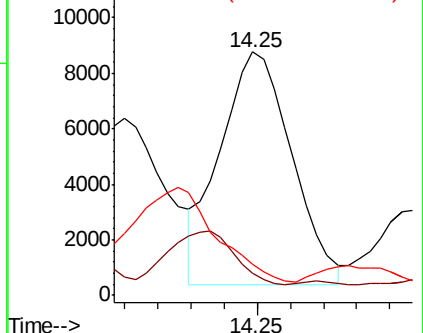
157 0.0 58.1 174.2#



Abundance Ion 74.90 (74.60 to 75.60): VN052470.D (-3872) (-)

Ion 154.80 (154.50 to 155.50): VN052470.D (-3872) (-)

Ion 156.80 (156.50 to 157.50): VN052470.D (-3872) (-)



#93

1,2,4-Trichlorobenzene

Concen: 2.881 ug/l

RT: 14.90 min Scan# 4083

Delta R.T. -0.01 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

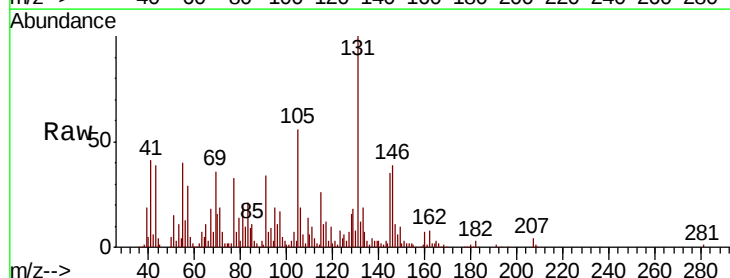
Tgt Ion: 180 Resp: 739

Ion Ratio Lower Upper

180 100

182 185.8 47.8 143.4#

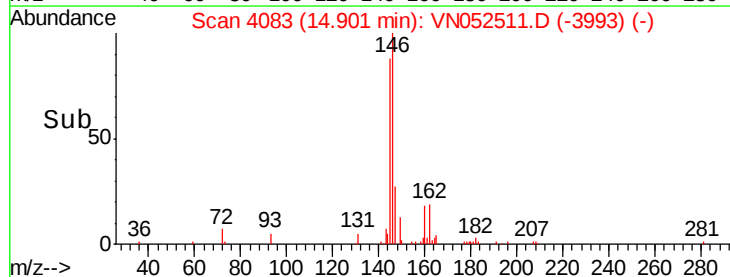
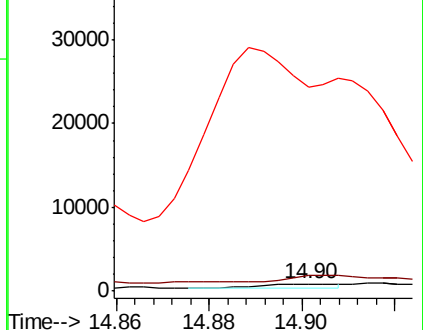
145 3863.6 14.1 42.3#

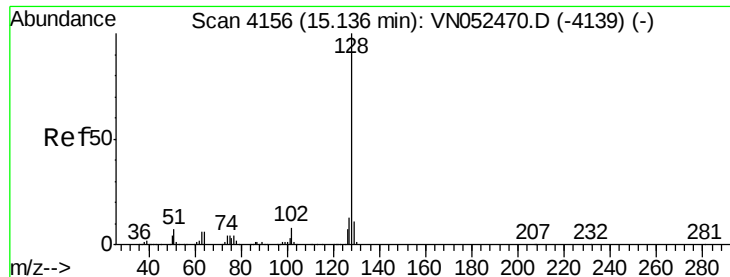


Abundance Ion 179.80 (179.50 to 180.50): VN052470.D (-4071) (-)

Ion 181.80 (181.50 to 182.50): VN052470.D (-4071) (-)

Ion 144.80 (144.50 to 145.50): VN052470.D (-4071) (-)





#95

Naphthalene

Concen: 143.571 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

Instrument :

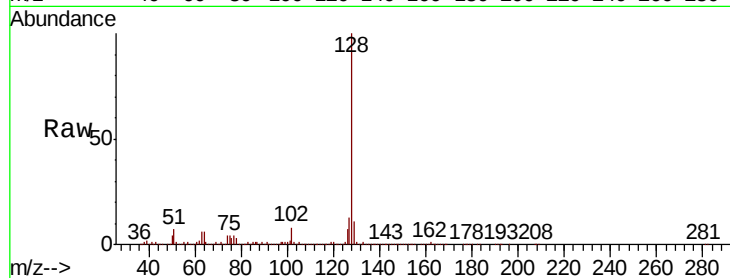
MSVOA_N

ClientSampleId :

OILY-WATER

Tot Ion:128 Resp: 4365681

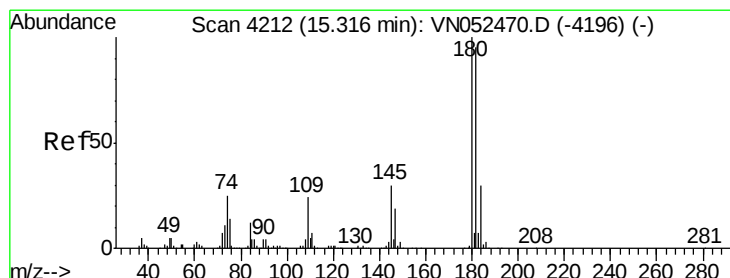
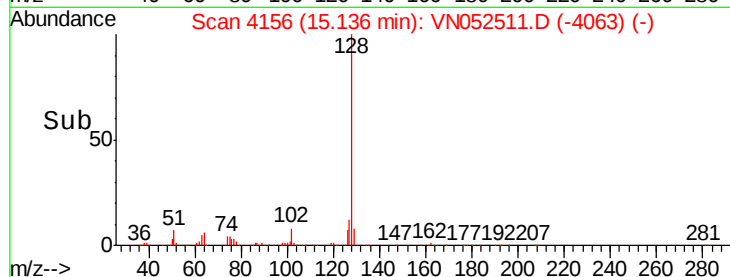
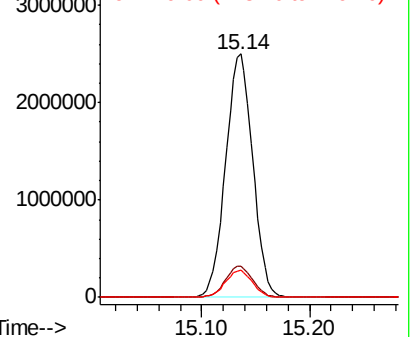
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.0	8.7	13.1



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: 2.763 ug/l

RT: 15.32 min Scan# 4213

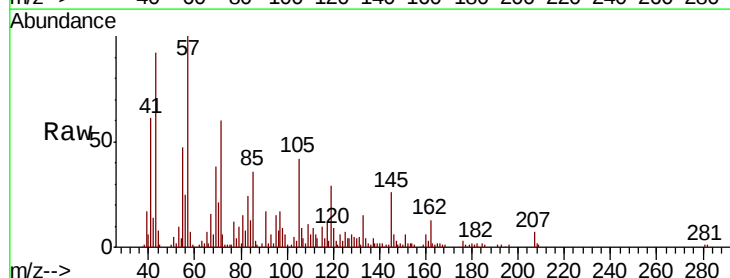
Delta R.T. 0.00 min

Lab File: VN052511.D

Acq: 28 Nov 2018 11:24

Tgt Ion:180 Resp: 485

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.8	143.3#
145	0.0	15.2	45.5#



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

