

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\
 Data File : VX006350.D
 Acq On : 07 Dec 2018 16:31
 Operator : JC/MD
 Sample : J6269-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-WATER

Quant Time: Dec 08 00:12:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	768754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1182055	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1083832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	534285	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	385682	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
35) Dibromofluoromethane	5.51	113	368088	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
50) Toluene-d8	8.71	98	1391000	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
62) 4-Bromofluorobenzene	11.14	95	525254	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	

Target Compounds

						Qvalue
5) Bromomethane	1.64	94	2117	0.367	ug/l	82
11) Tert butyl alcohol	3.02	59	19166	8.930	ug/l #	73
13) Acrolein	2.31	56	316	0.269	ug/l #	13
14) Allyl chloride	2.71	41	3395	0.247	ug/l #	31
15) Acrylonitrile	3.18	53	6750	1.507	ug/l #	46
16) Acetone	2.45	43	298994	81.185	ug/l	93
17) Carbon Disulfide	2.57	76	4920	0.230	ug/l	99
18) Methyl Acetate	2.85	43	31359	2.546	ug/l #	55
19) Methyl tert-butyl Ether	3.21	73	12005	0.484	ug/l #	1
25) 2-Butanone	4.70	43	220825	42.022	ug/l	99
30) Chloroform	5.27	83	22635	1.756	ug/l #	23
31) Cyclohexane	5.58	56	1167995	103.022	ug/l	97
36) 1,1-Dichloropropene	5.66	75	47701	4.792	ug/l #	48
37) Ethyl Acetate	4.70	43	220825	19.810	ug/l #	68
38) Carbon Tetrachloride	5.66	117	69506	5.936	ug/l #	17
39) Methylcyclohexane	7.46	83	1785337	138.175	ug/l	100
40) Benzene	6.15	78	221691	7.436	ug/l	99
41) Methacrylonitrile	5.04	41	1688	0.275	ug/l #	26
43) Isopropyl Acetate	6.45	43	28432	1.530	ug/l #	64
45) 1,2-Dichloropropane	7.47	63	14084	1.859	ug/l #	1
46) Dibromomethane	7.63	93	1362	0.249	ug/l #	1
47) Bromodichloromethane	7.94	83	37596	3.548	ug/l #	26
48) Methyl methacrylate	7.78	41	9932	1.098	ug/l #	84
49) 1,4-Dioxane	7.75	88	102	0.458	ug/l #	27
51) 4-Methyl-2-Pentanone	8.65	43	51935	4.800	ug/l #	69
52) Toluene	8.79	92	45219	2.305	ug/l	99
55) 1,1,2-Trichloroethane	9.16	97	196261	24.630	ug/l #	18
56) Ethyl methacrylate	9.16	69	47820	3.839	ug/l #	41
59) 2-Hexanone	9.49	43	53429	6.464	ug/l	93
67) Ethyl Benzene	10.25	91	542940	14.189	ug/l	100
68) m/p-Xylenes	10.37	106	4275570	278.935	ug/l	96
69) o-Xylene	10.70	106	86838	5.735	ug/l	97
70) Styrene	10.71	104	9299	0.380	ug/l #	1
73) Isopropylbenzene	11.02	105	643929	17.452	ug/l	99

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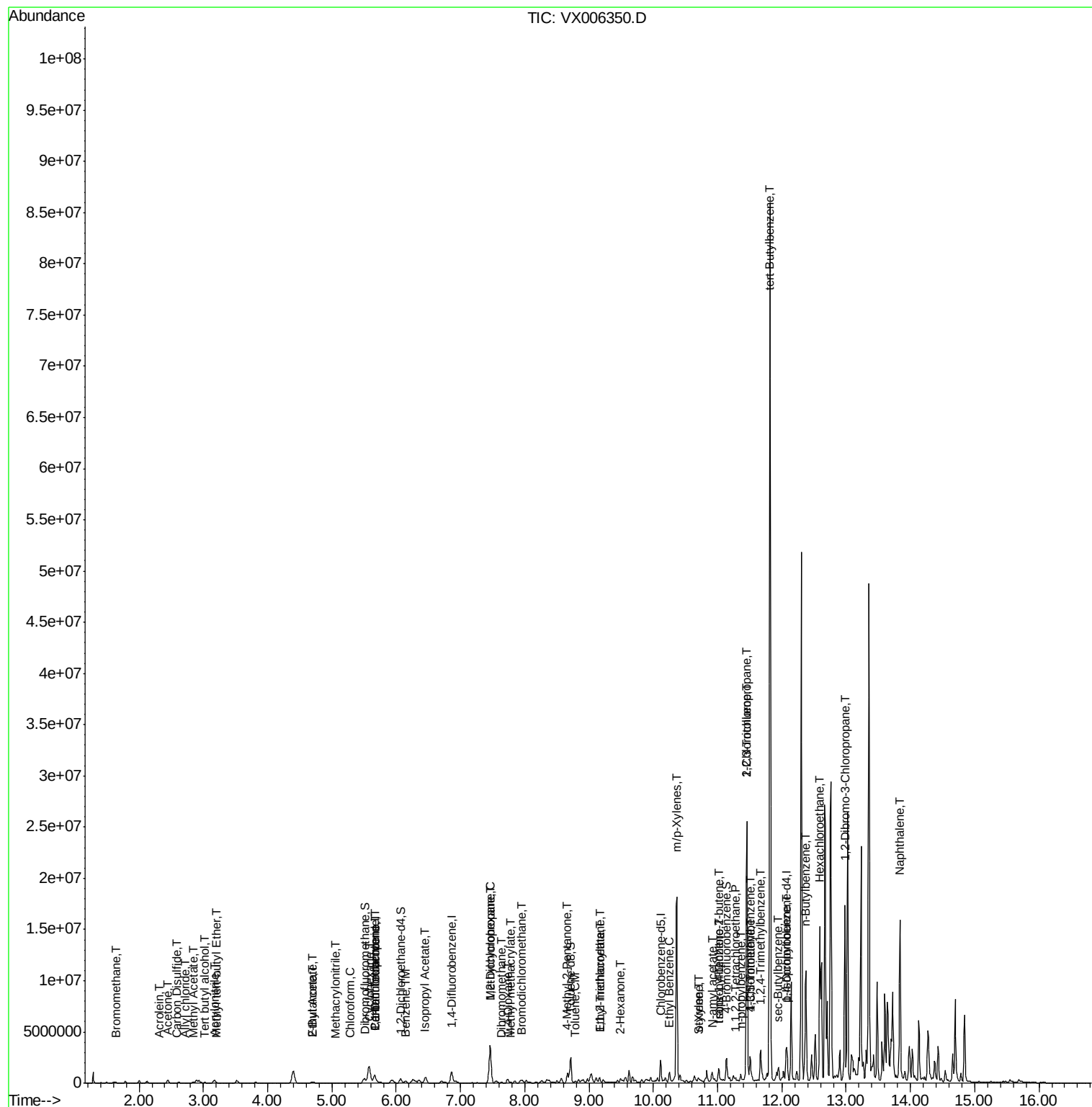
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) N-amyl acetate	10.91	43	48836	3.074	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.28	83	34277	2.904	ug/l #	56
76) 1,2,3-Trichloropropane	11.46	75	98588	9.560	ug/l #	1
78) n-propylbenzene	11.36	91	441955	10.776	ug/l #	50
79) 2-Chlorotoluene	11.46	91	1500016	61.533	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	993317	32.356	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.02	75	9216	2.097	ug/l #	59
82) 4-Chlorotoluene	11.51	91	102148	3.604	ug/l #	42
83) tert-Butylbenzene	11.82	119	6367307	194.392	ug/l #	51
84) 1,2,4-Trimethylbenzene	11.67	105	1405711	44.344	ug/l	79
85) sec-Butylbenzene	11.94	105	618831	16.607	ug/l	98
86) p-Isopropyltoluene	12.07	119	1040575	31.012	ug/l	99
89) n-Butylbenzene	12.37	91	1220054	42.614	ug/l #	2
90) Hexachloroethane	12.59	117	677023	98.998	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	12.98	75	48134	15.907	ug/l #	1
95) Naphthalene	13.83	128	9453840	230.375	ug/l	97

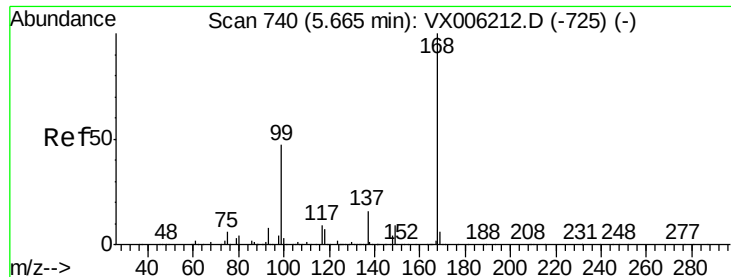
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006350.D

Acq: 07 Dec 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

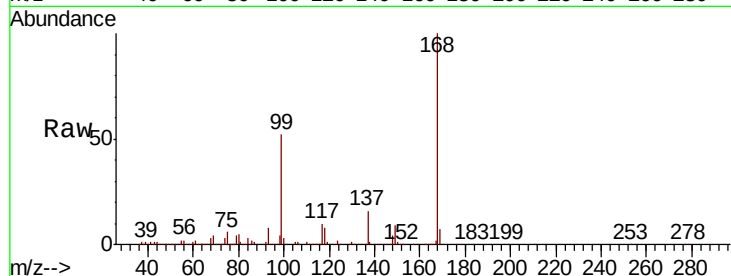
OILY-WATER

Tot Ion:168 Resp: 768754

Ion Ratio Lower Upper

168 100

99 52.0 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

300000

250000

200000

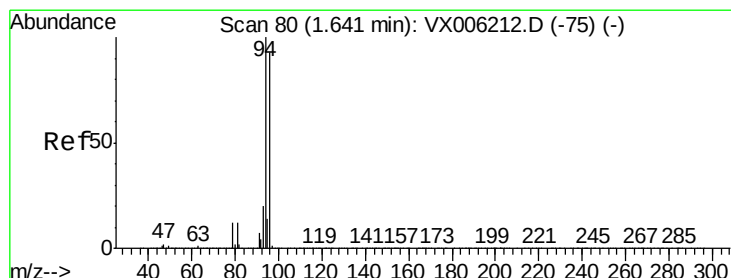
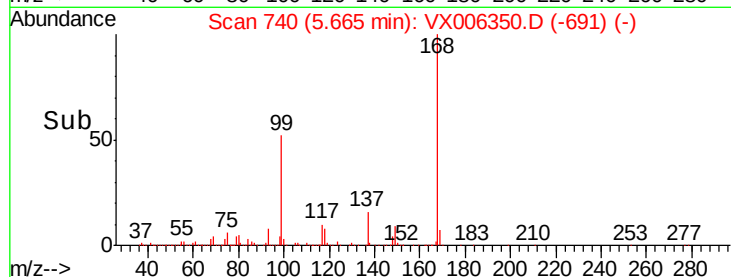
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.367 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX006350.D

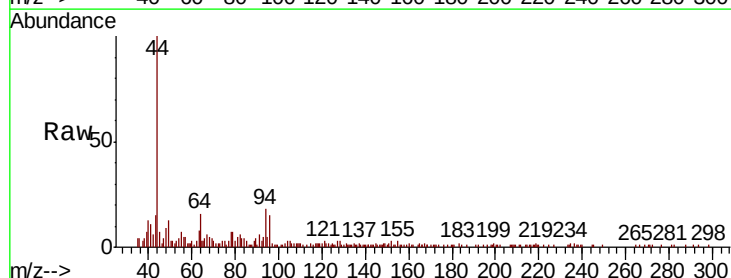
Acq: 07 Dec 2018 16:31

Tgt Ion: 94 Resp: 2117

Ion Ratio Lower Upper

94 100

96 75.4 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

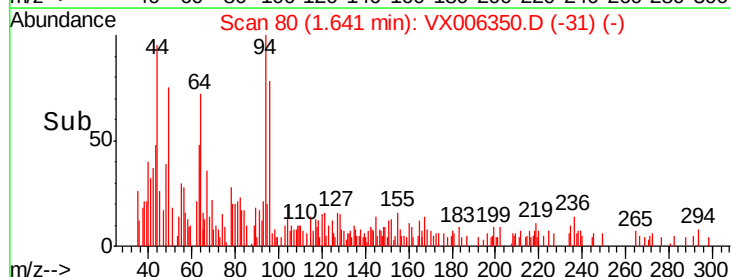
1500

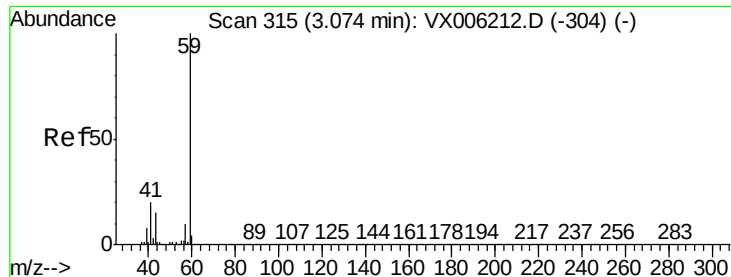
1000

500

0

Time--> 1.60 1.65



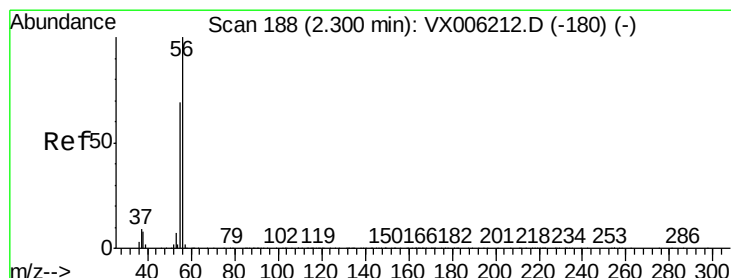
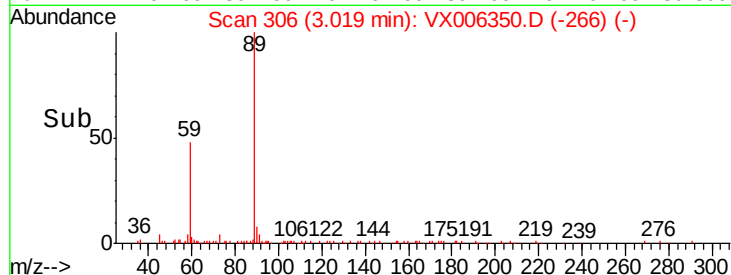
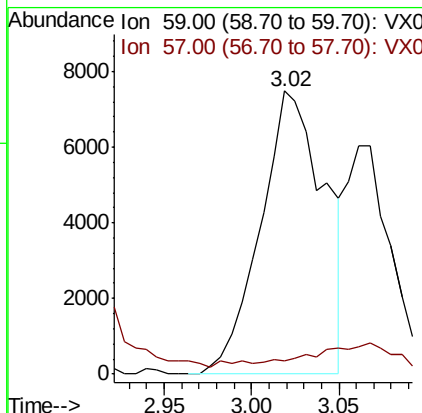
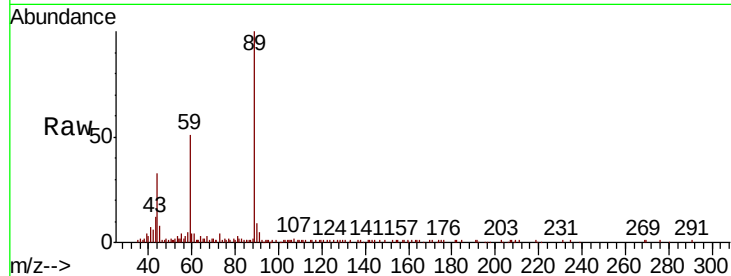


#11

Tert butyl alcohol
Concen: 8.930 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX006350.D
Acq: 07 Dec 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

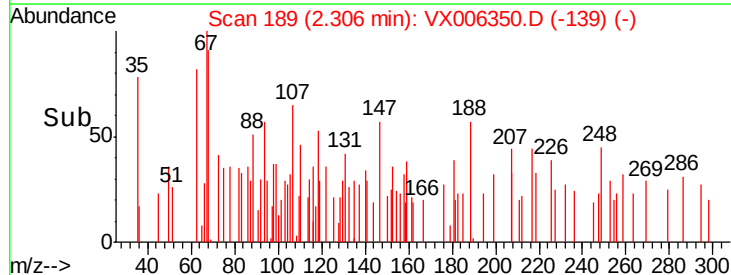
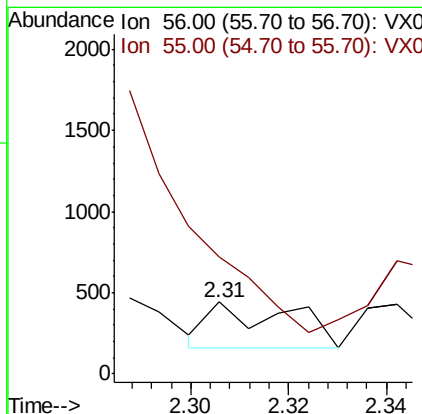
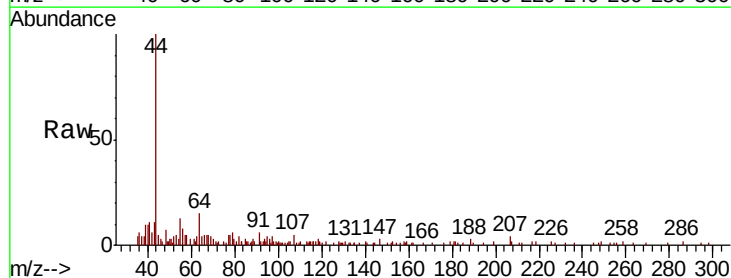
Tot Ion: 59 Resp: 19166
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

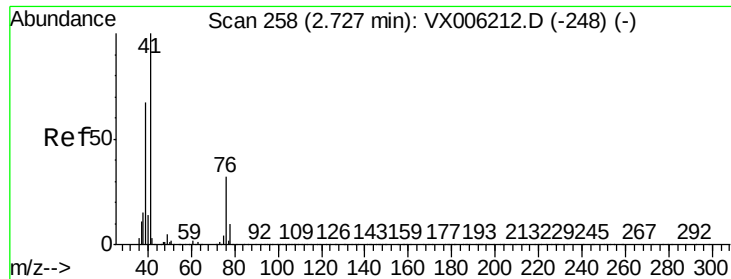


#13

Acrolein
Concen: 0.269 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX006350.D
Acq: 07 Dec 2018 16:31

Tgt Ion: 56 Resp: 316
Ion Ratio Lower Upper
56 100
55 0.0 57.8 86.6#

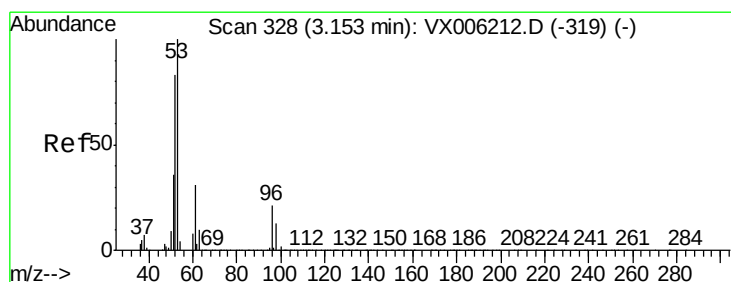
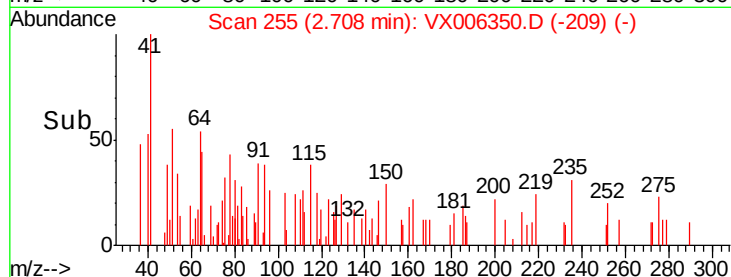
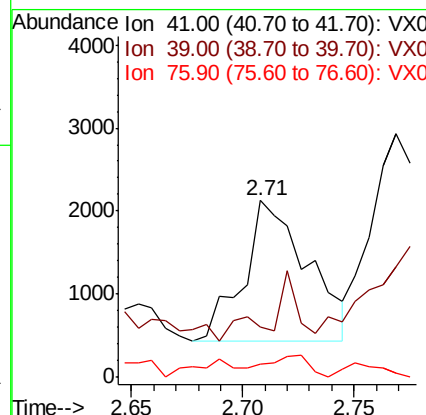
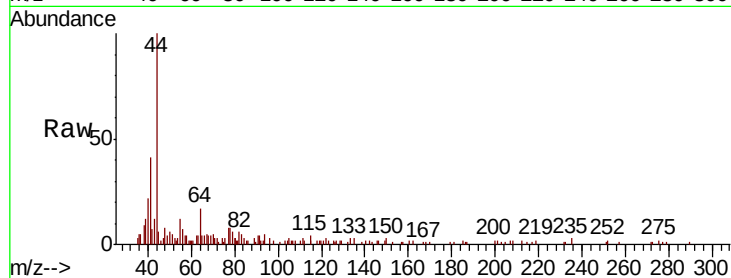




#14
Allvl chloride
Concen: 0.247 ug/l
RT: 2.71 min Scan# 255
Delta R.T. -0.02 min
Lab File: VX006350.D
Acq: 07 Dec 2018 16:31

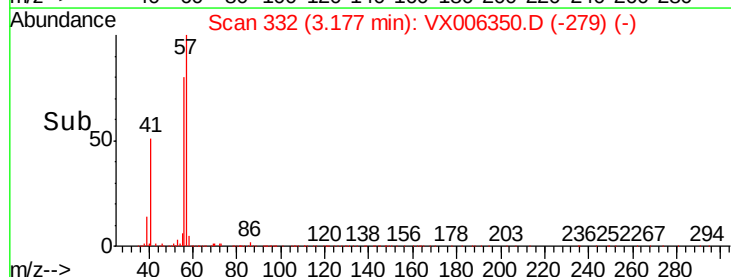
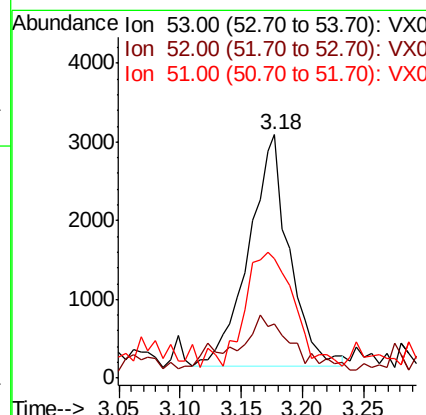
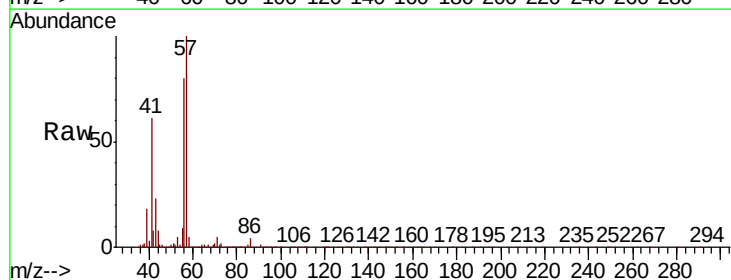
Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

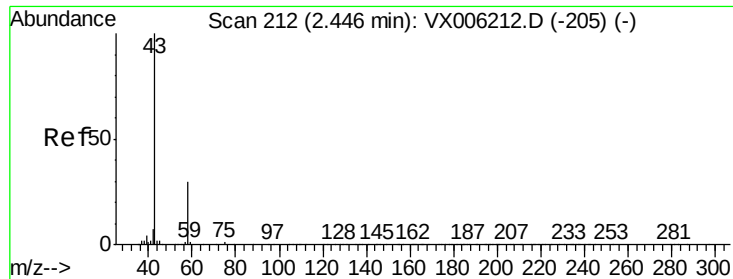
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	52.4	78.6#
76	8.7	25.4	38.0#



#15
Acrylonitrile
Concen: 1.507 ug/l
RT: 3.18 min Scan# 332
Delta R.T. 0.02 min
Lab File: VX006350.D
Acq: 07 Dec 2018 16:31

Tgt Ion	Ratio	Lower	Upper
53	100		
52	26.8	66.2	99.4#
51	57.2	28.7	43.1#





#16

Acetone

Concen: 81.185 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006350.D

Acq: 07 Dec 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

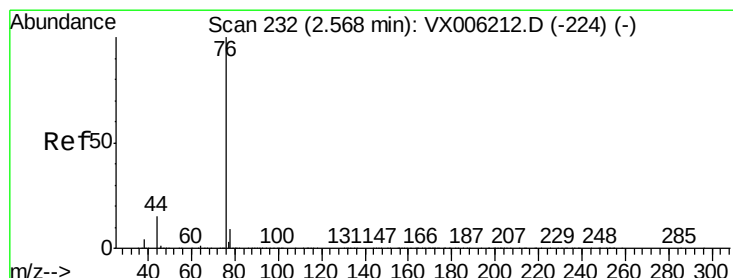
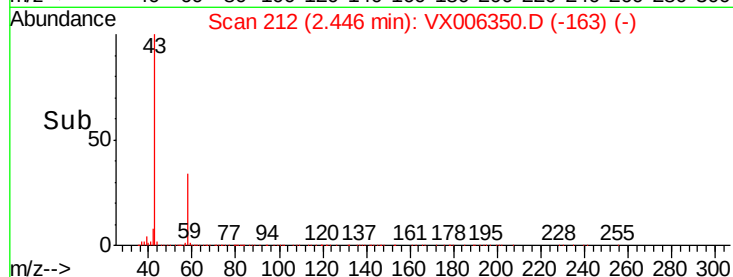
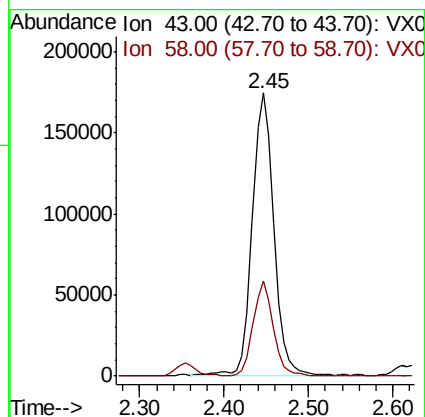
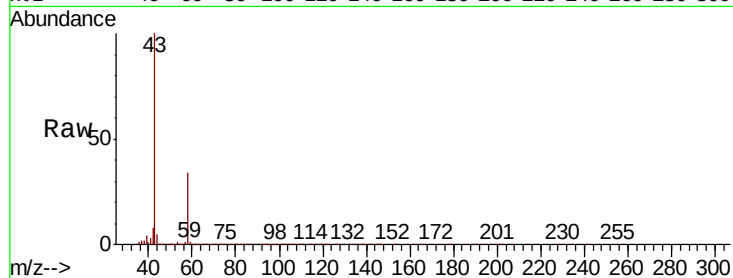
OILY-WATER

Tot Ion: 43 Resp: 298994

Ion Ratio Lower Upper

43 100

58 33.6 24.0 36.0



#17

Carbon Disulfide

Concen: 0.230 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006350.D

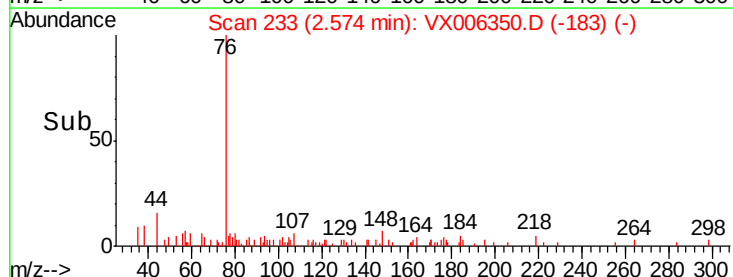
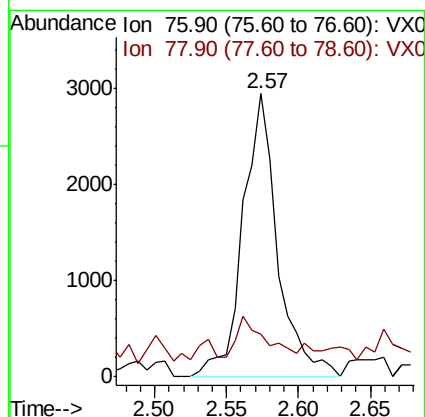
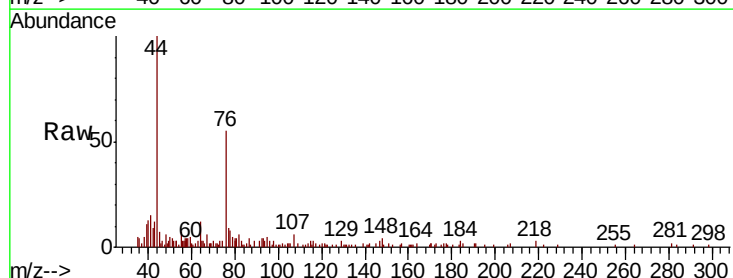
Acq: 07 Dec 2018 16:31

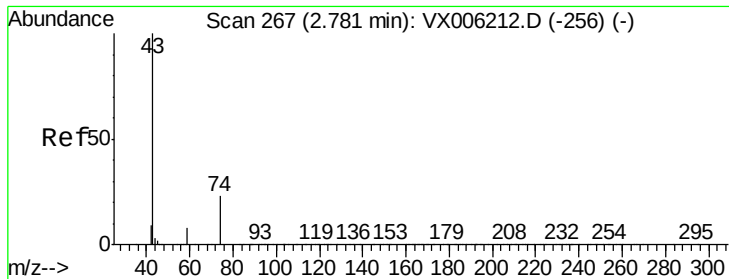
Tgt Ion: 76 Resp: 4920

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

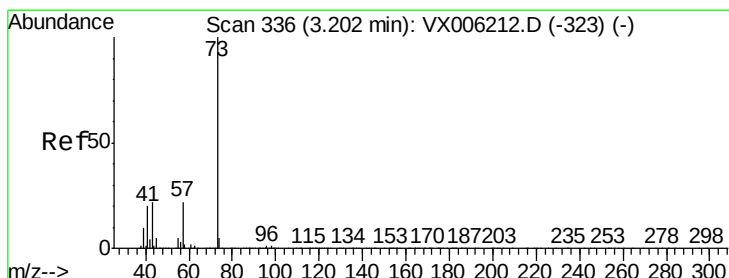
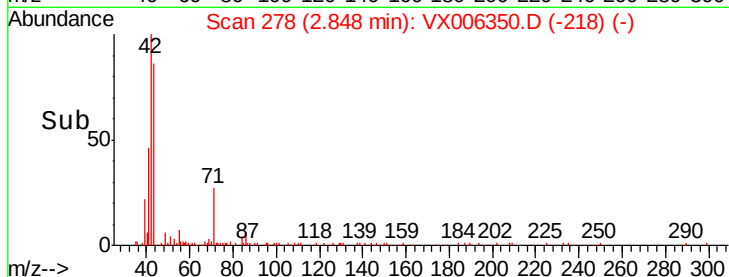
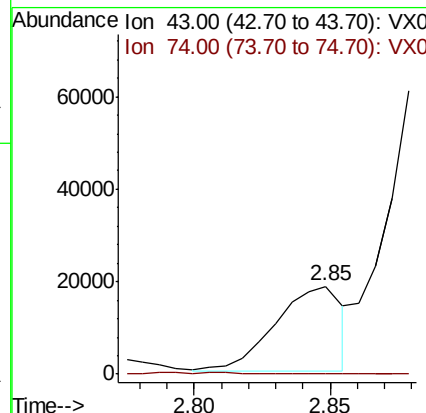
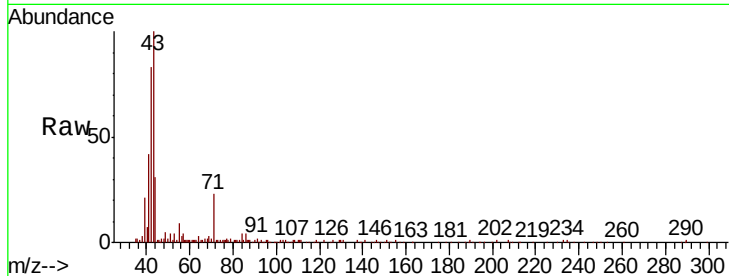




#18
Methyl Acetate
Concen: 2.546 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.07 min
Lab File: VX006350.D
Acq: 07 Dec 2018 16:31

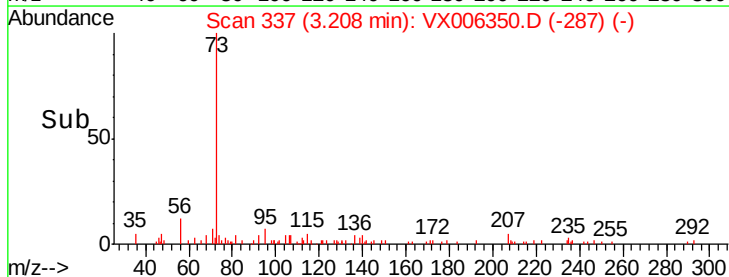
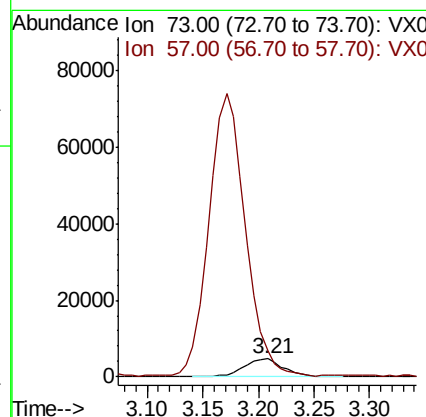
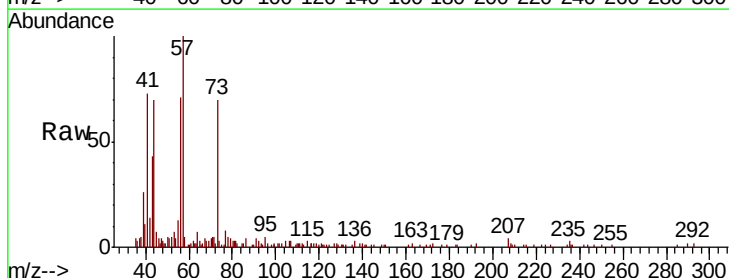
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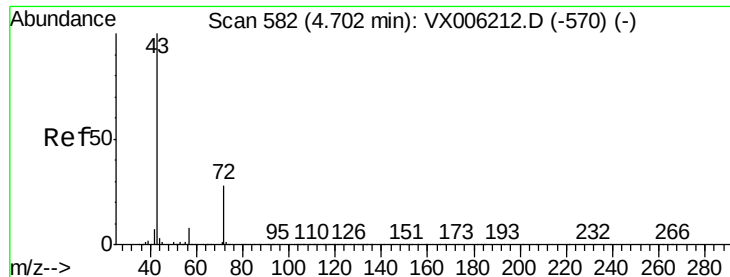
Tot Ion: 43 Resp: 31359
Ion Ratio Lower Upper
43 100
74 0.7 17.9 26.9#



#19
Methyl tert-butyl Ether
Concen: 0.484 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006350.D
Acq: 07 Dec 2018 16:31

Tgt Ion: 73 Resp: 12005
Ion Ratio Lower Upper
73 100
57 134.6 17.5 26.3#





#25

2-Butanone

Concen: 42.022 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006350.D

Acq: 07 Dec 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

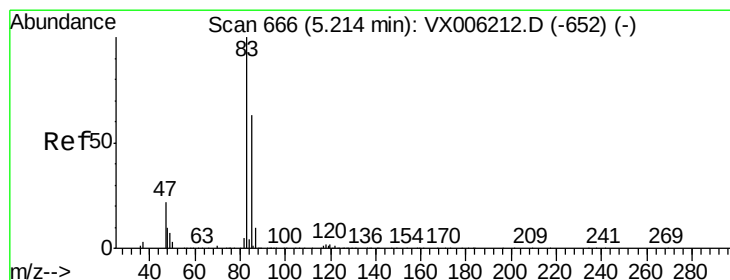
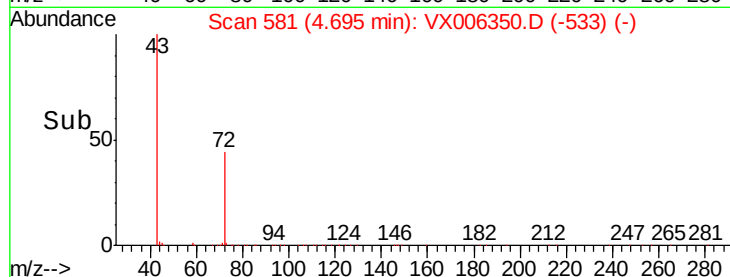
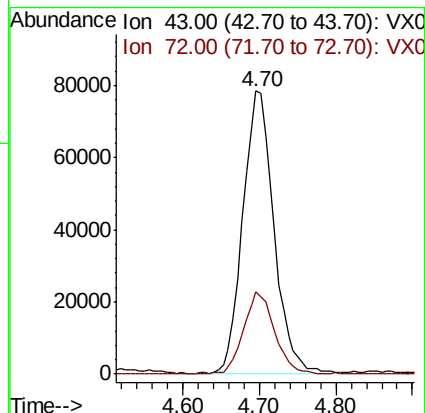
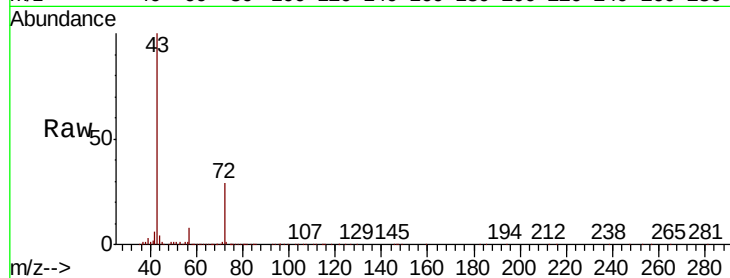
OILY-WATER

Tot Ion: 43 Resp: 220825

Ion Ratio Lower Upper

43 100

72 28.8 22.6 33.8



#30

Chloroform

Concen: 1.756 ug/l

RT: 5.27 min Scan# 676

Delta R.T. 0.06 min

Lab File: VX006350.D

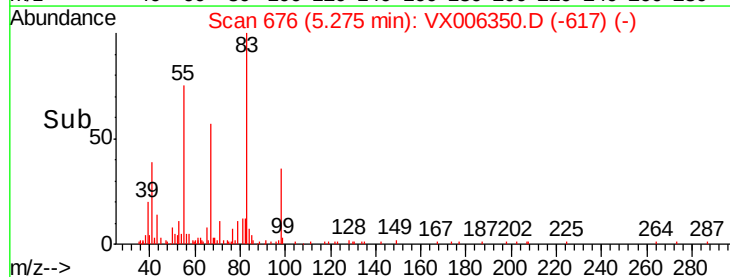
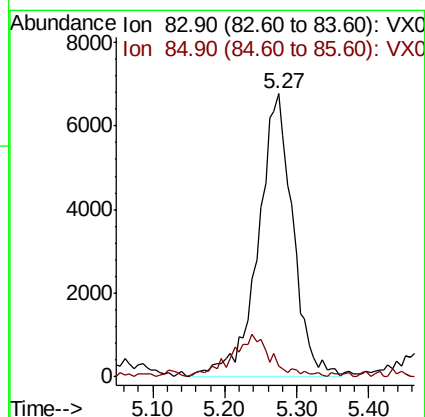
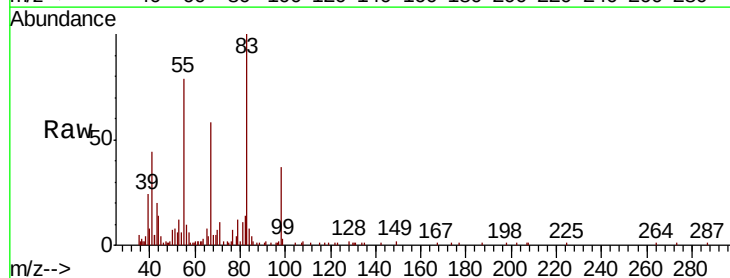
Acq: 07 Dec 2018 16:31

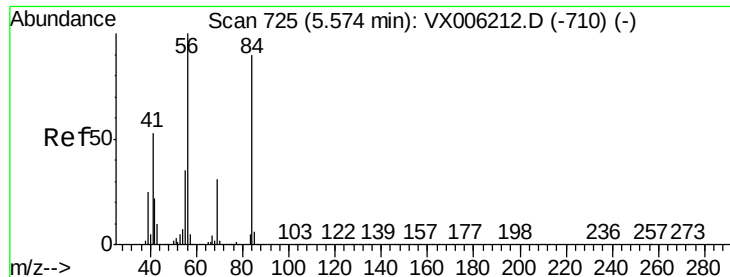
Tgt Ion: 83 Resp: 22635

Ion Ratio Lower Upper

83 100

85 3.0 50.3 75.5#

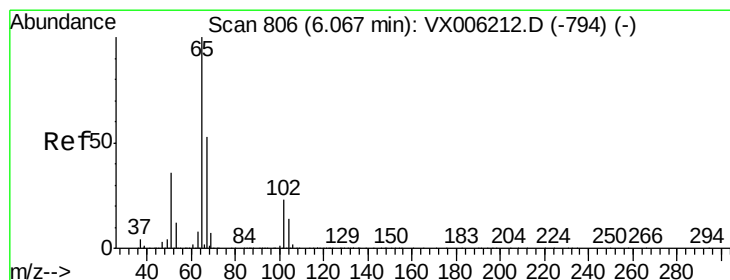
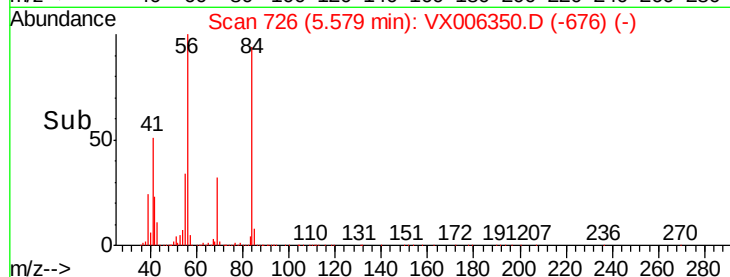
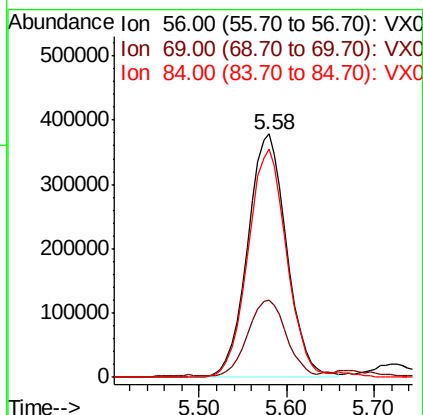
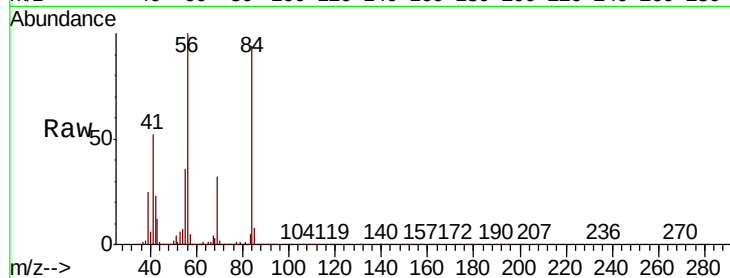




#31
Cyclohexane
Concen: 103.022 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006350.D
Acq: 07 Dec 2018 16:31

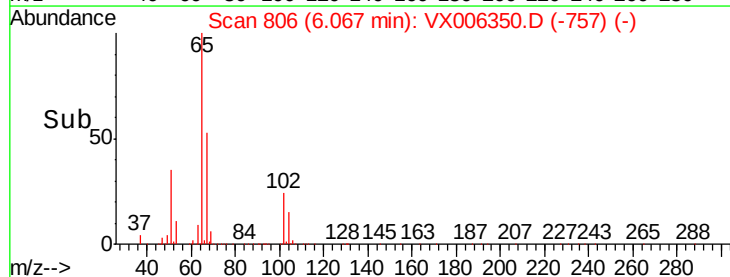
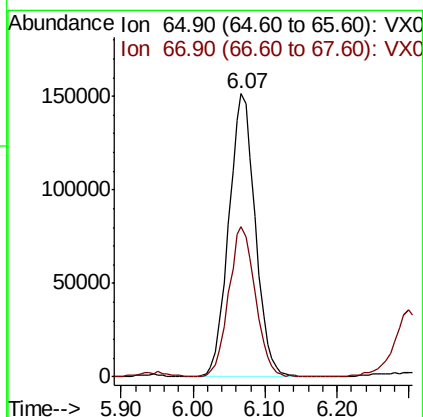
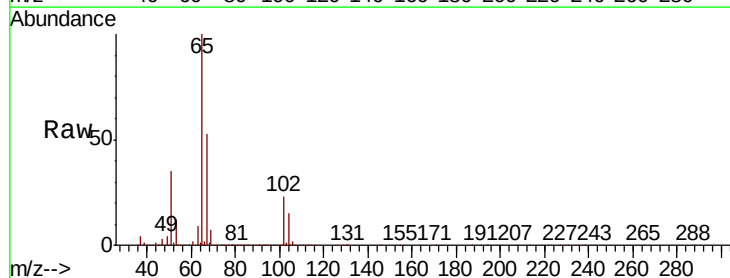
Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

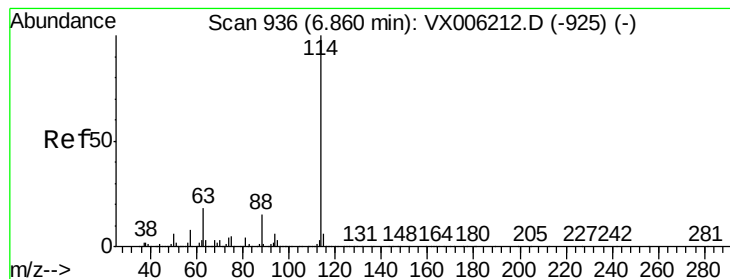
Tot Ion: 56 Resp: 1167995
Ion Ratio Lower Upper
56 100
69 30.6 24.5 36.7
84 93.8 71.8 107.6



#33
1,2-Dichloroethane-d4
Concen: 49.146 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX006350.D
Acq: 07 Dec 2018 16:31

Tgt Ion: 65 Resp: 385682
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006350.D

Acq: 07 Dec 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

OILY-WATER

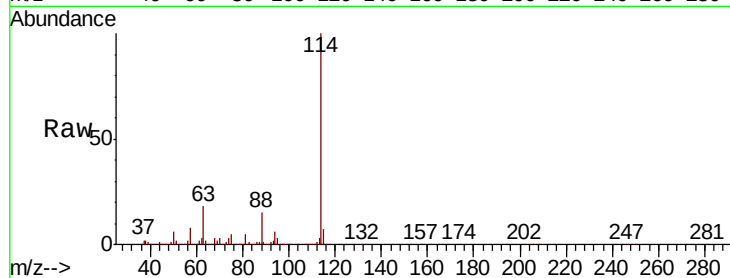
Tot Ion:114 Resp: 1182055

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.6

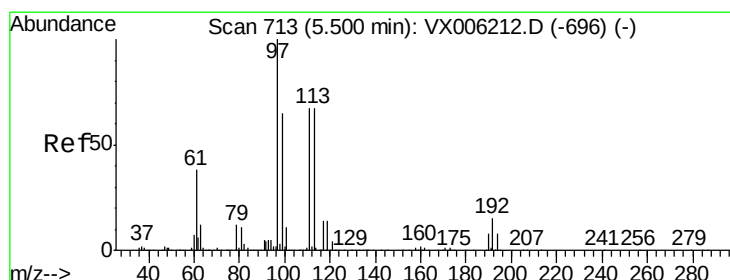
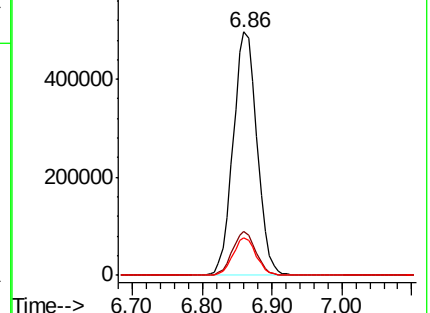
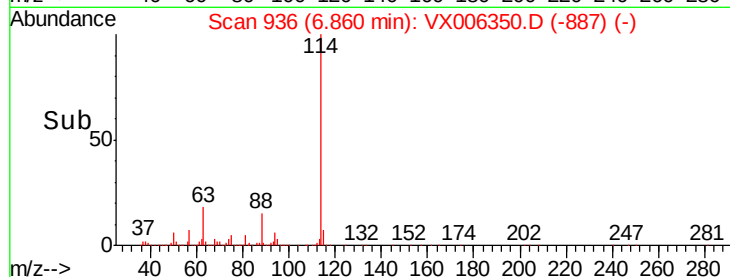
88 15.3 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.095 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006350.D

Acq: 07 Dec 2018 16:31

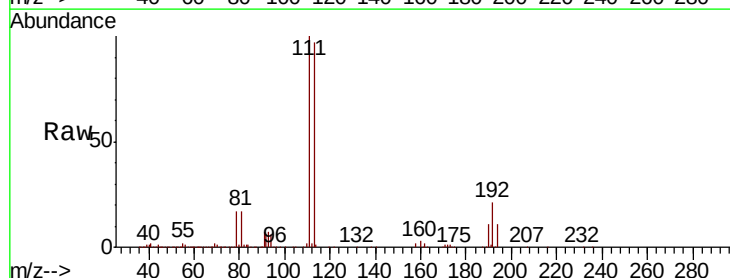
Tgt Ion:113 Resp: 368088

Ion Ratio Lower Upper

113 100

111 102.0 81.1 121.7

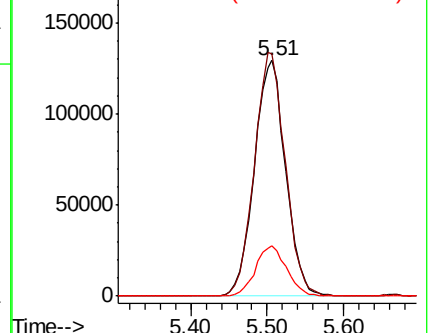
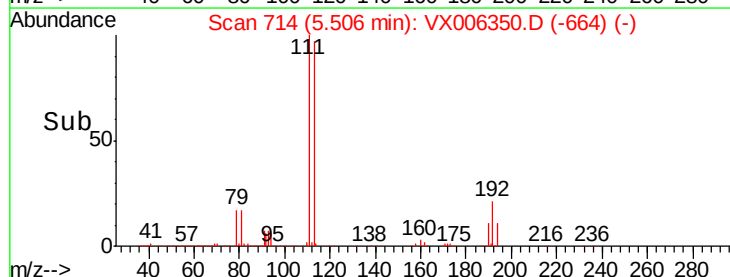
192 21.4 18.2 27.2

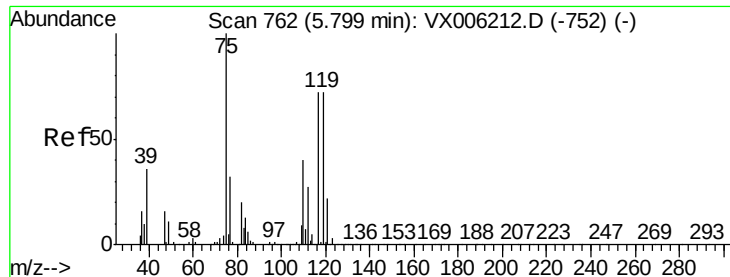


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

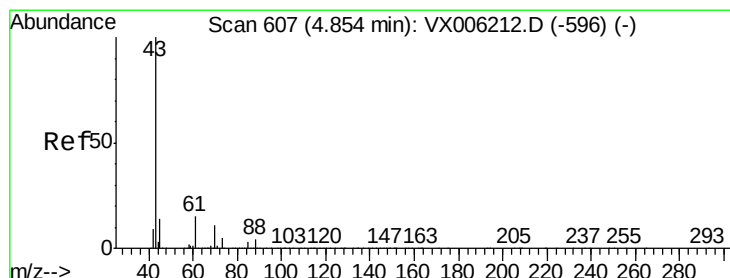
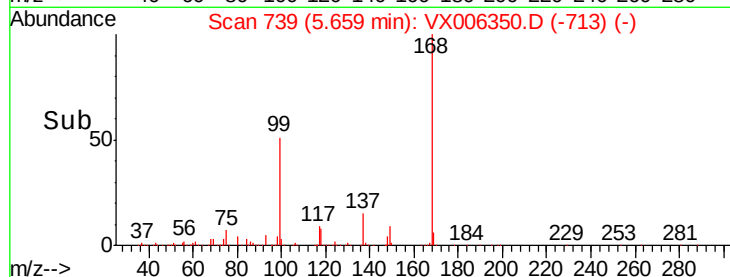
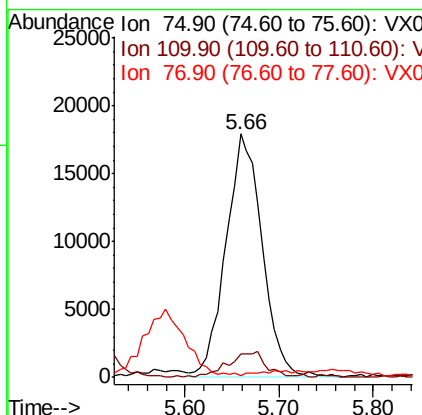
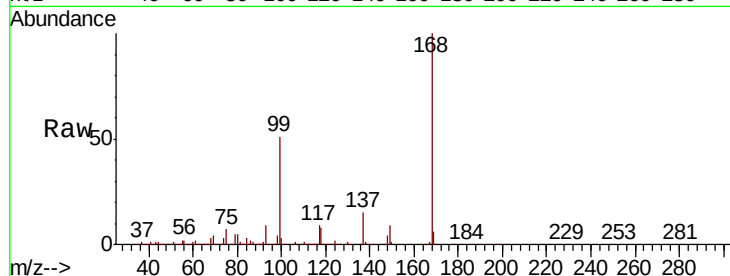




#36
 1,1-Dichloropropene
 Concen: 4.792 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX006350.D
 Acq: 07 Dec 2018 16:31

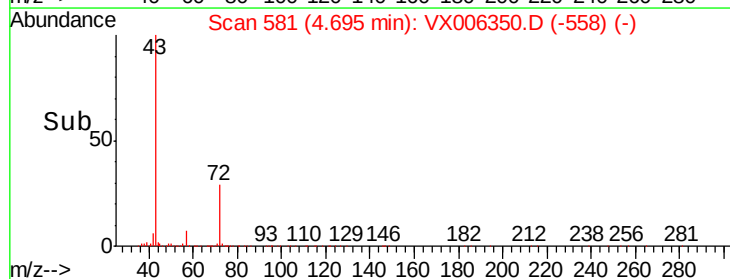
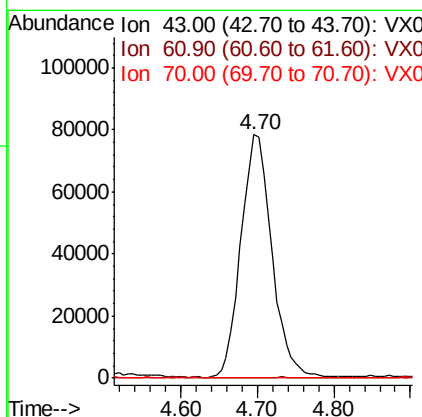
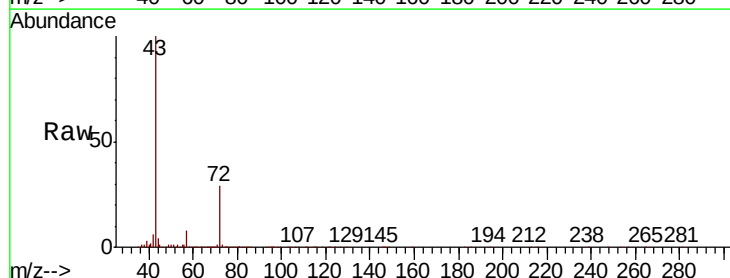
Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-WATER

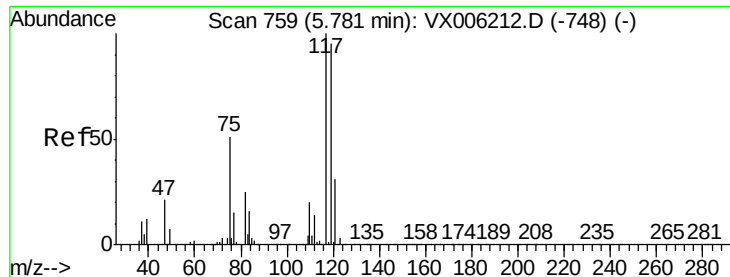
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.0	20.4	61.3#
77	0.0	24.9	37.3#



#37
 Ethyl Acetate
 Concen: 19.810 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. -0.16 min
 Lab File: VX006350.D
 Acq: 07 Dec 2018 16:31

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.2	9.0	13.6#





#38

Carbon Tetrachloride

Concen: 5.936 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006350.D

Acq: 07 Dec 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

OILY-WATER

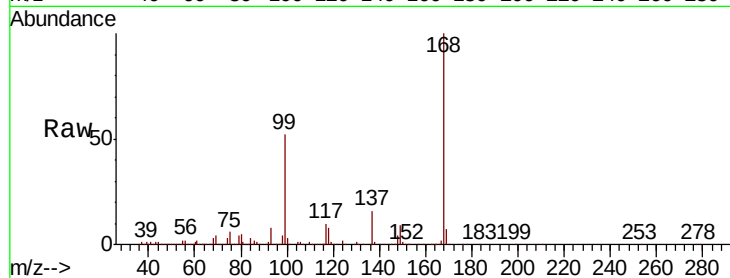
Tot Ion:117 Resp: 69506

Ion Ratio Lower Upper

117 100

119 5.4 75.8 113.8#

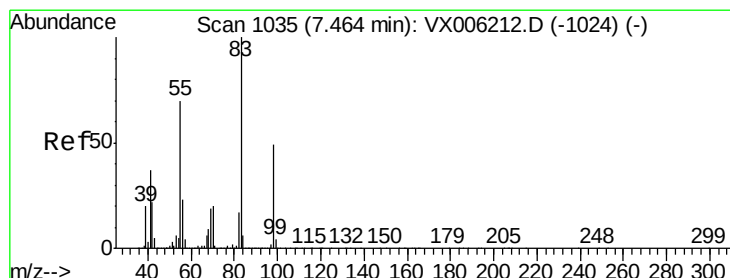
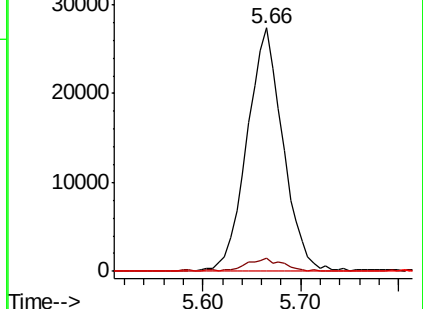
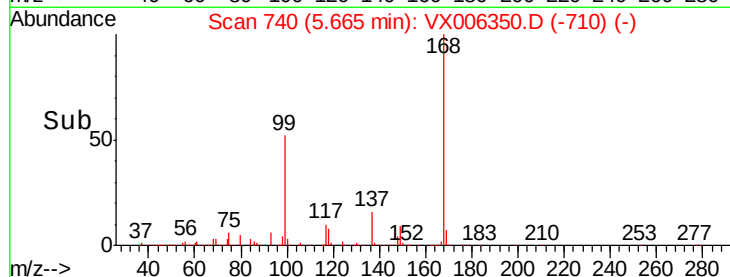
121 0.3 24.6 37.0#



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: 138.175 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX006350.D

Acq: 07 Dec 2018 16:31

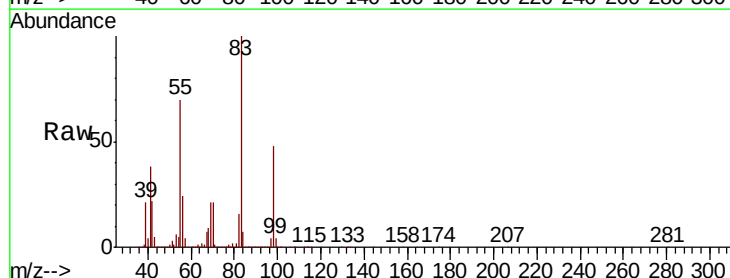
Tgt Ion: 83 Resp: 1785337

Ion Ratio Lower Upper

83 100

55 70.4 56.4 84.6

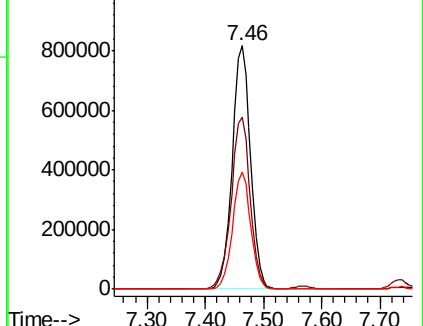
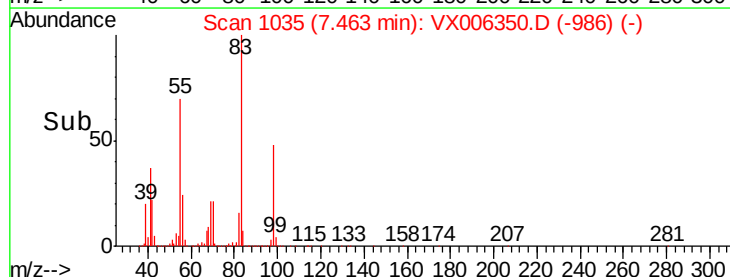
98 48.2 39.0 58.6

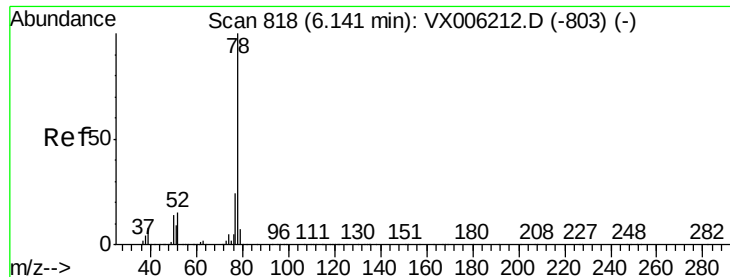


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 7.436 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX006350.D

Acq: 07 Dec 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

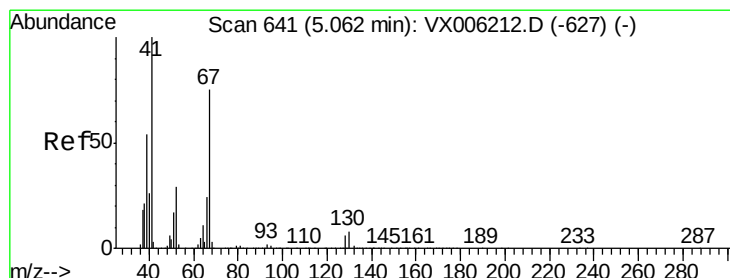
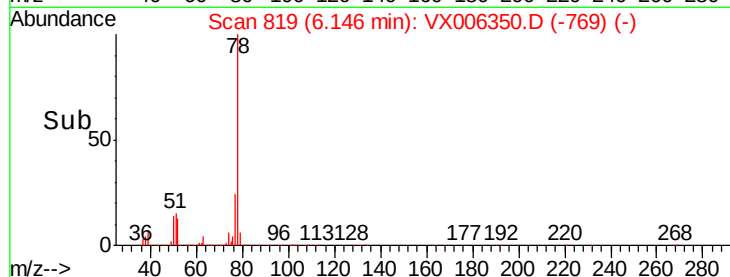
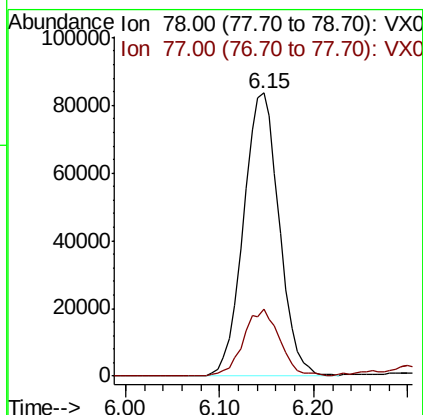
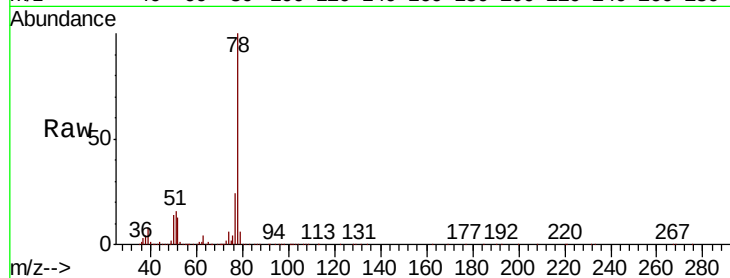
OILY-WATER

Tot Ion: 78 Resp: 221691

Ion Ratio Lower Upper

78 100

77 23.7 19.2 28.8



#41

Methacrylonitrile

Concen: 0.275 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.02 min

Lab File: VX006350.D

Acq: 07 Dec 2018 16:31

Tgt Ion: 41 Resp: 1688

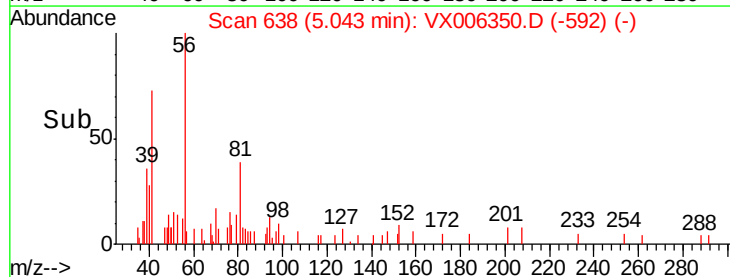
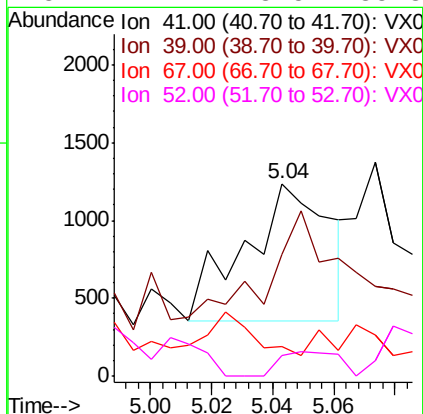
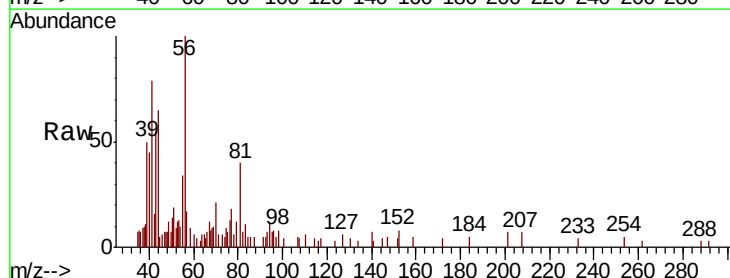
Ion Ratio Lower Upper

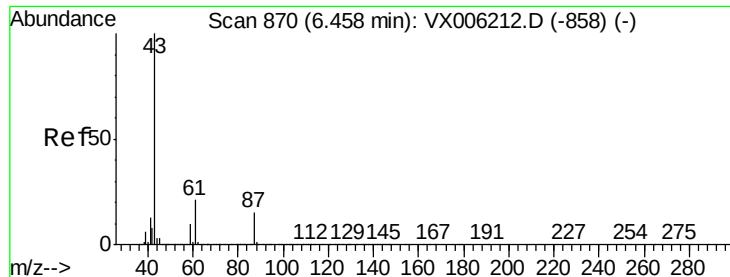
41 100

39 110.8 44.0 66.0#

67 0.0 61.4 92.0#

52 12.4 23.5 35.3#





#43

Isopropyl Acetate

Concen: 1.530 ug/l

RT: 6.45 min Scan# 869

Delta R.T. -0.01 min

Lab File: VX006350.D

Acq: 07 Dec 2018 16:31

Instrument :

MSVOA_X

ClientSampled :

OILY-WATER

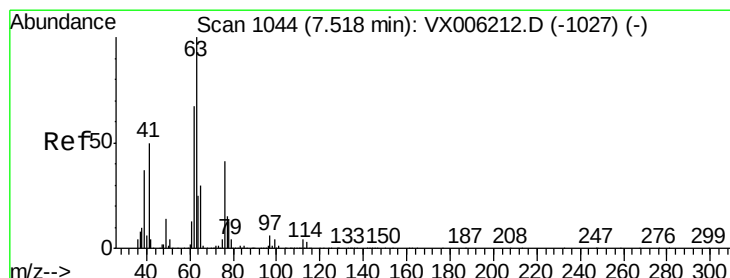
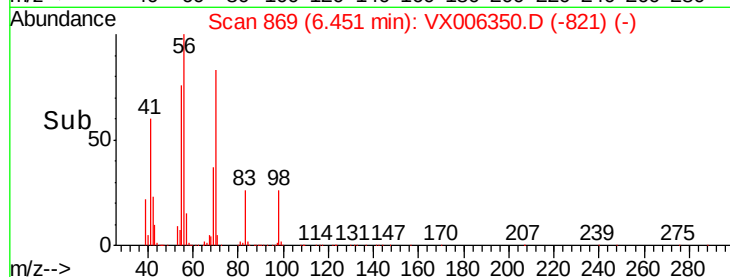
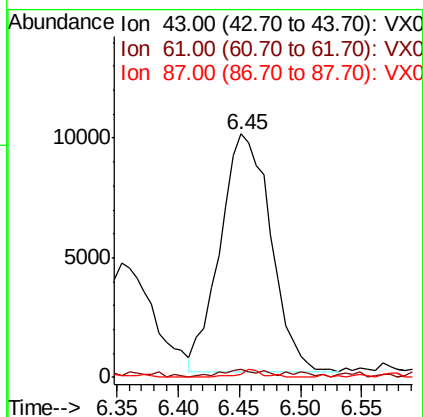
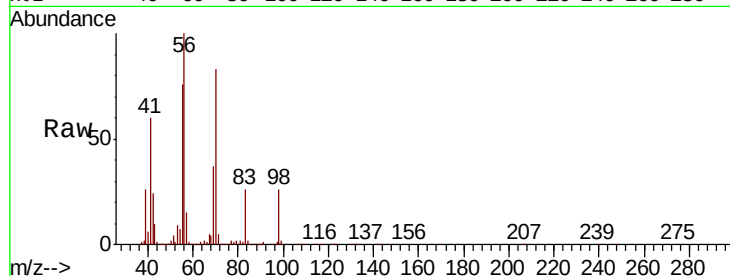
Tot Ion: 43 Resp: 28432

Ion Ratio Lower Upper

43 100

61 3.0 16.8 25.2#

87 1.6 11.9 17.9#



#45

1,2-Dichloropropane

Concen: 1.859 ug/l

RT: 7.47 min Scan# 1036

Delta R.T. -0.05 min

Lab File: VX006350.D

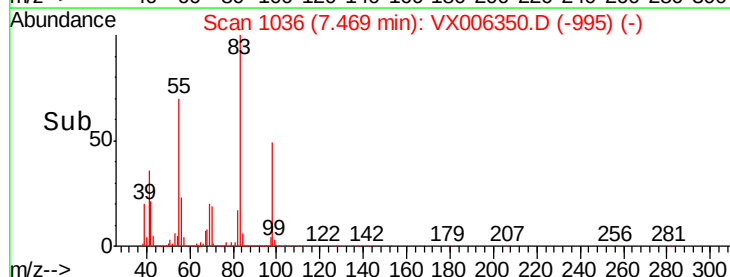
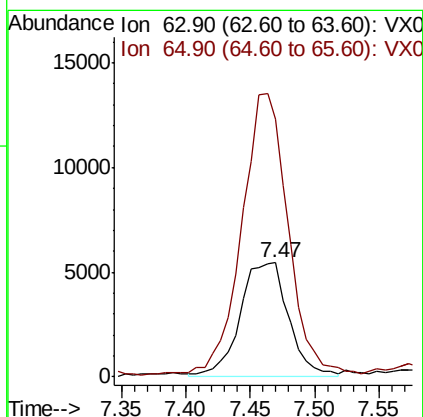
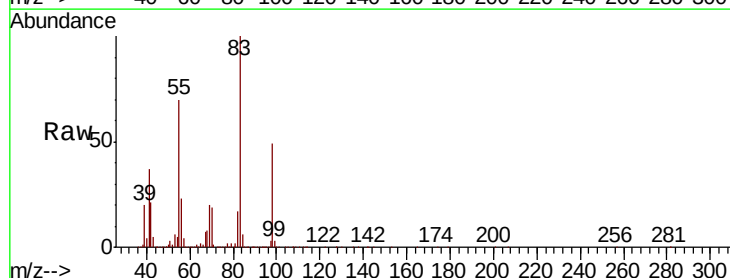
Acq: 07 Dec 2018 16:31

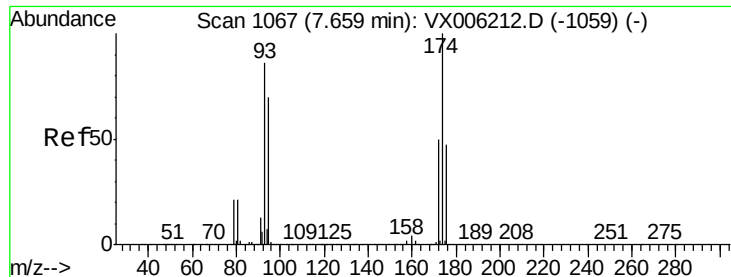
Tgt Ion: 63 Resp: 14084

Ion Ratio Lower Upper

63 100

65 228.4 24.3 36.5#





#46

Dibromomethane

Concen: 0.249 ug/l

RT: 7.63 min Scan# 1063

Delta R.T. -0.02 min

Lab File: VX006350.D

Acq: 07 Dec 2018 16:31

Instrument :

MSVOA_X

ClientSampled :

OILY-WATER

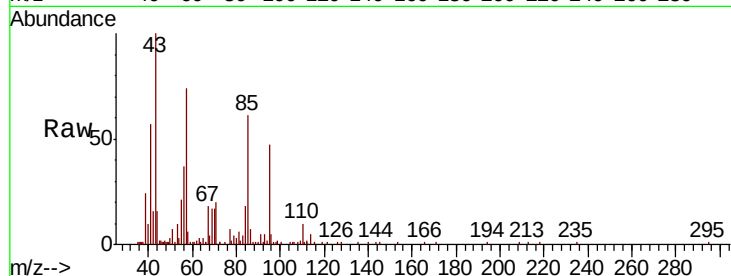
Tot Ion: 93 Resp: 1362

Ion Ratio Lower Upper

93 100

95 839.9 66.2 99.4#

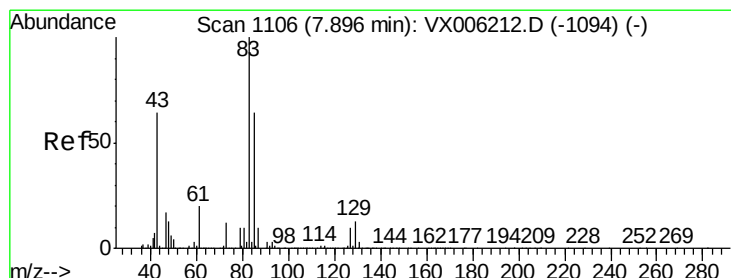
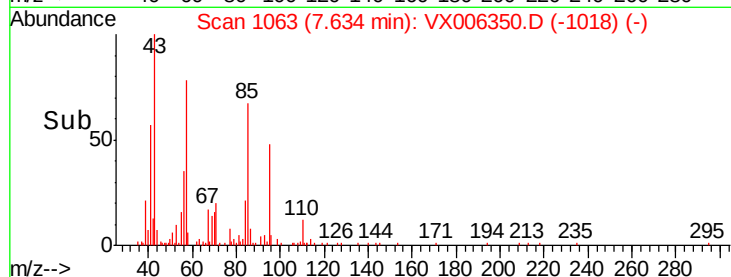
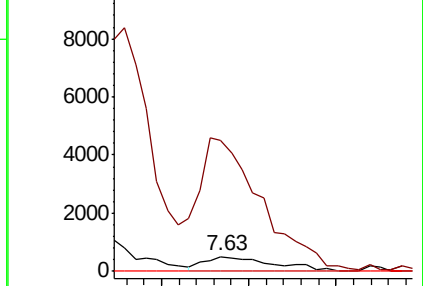
174 0.0 97.2 145.8#



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 3.548 ug/l

RT: 7.94 min Scan# 1114

Delta R.T. 0.05 min

Lab File: VX006350.D

Acq: 07 Dec 2018 16:31

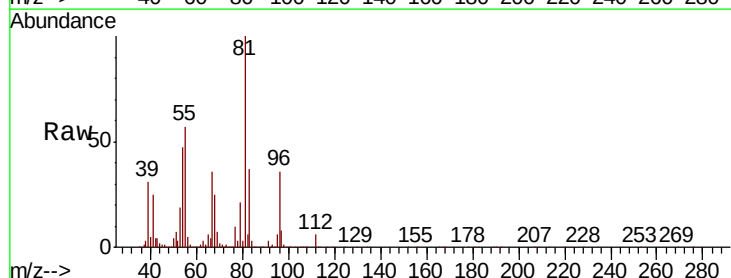
Tgt Ion: 83 Resp: 37596

Ion Ratio Lower Upper

83 100

85 0.7 51.4 77.0#

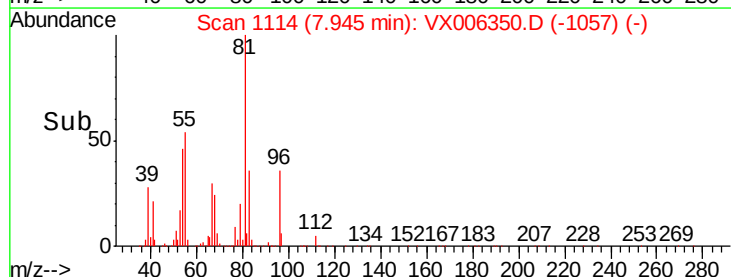
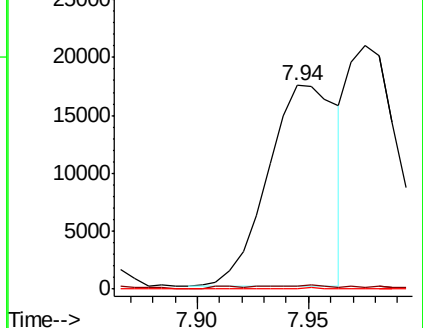
127 0.0 7.9 11.9#

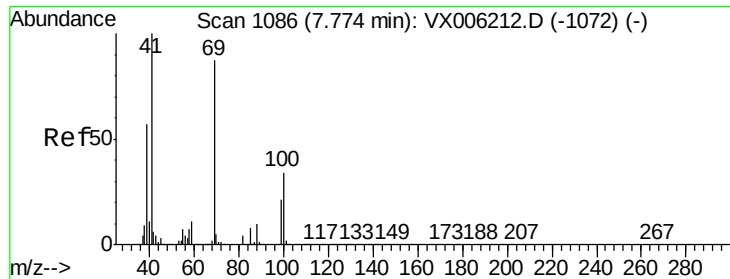


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

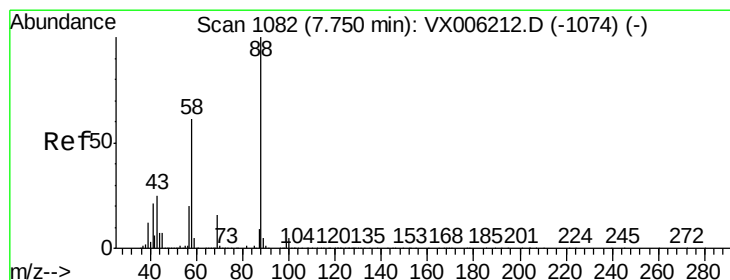
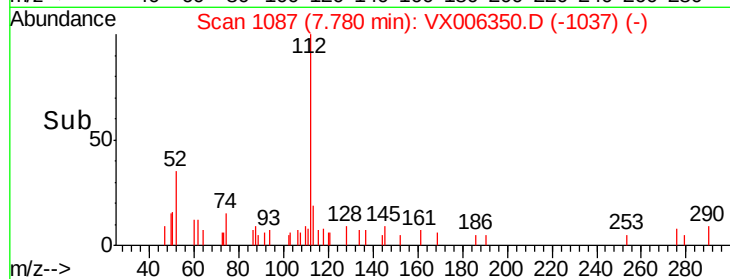
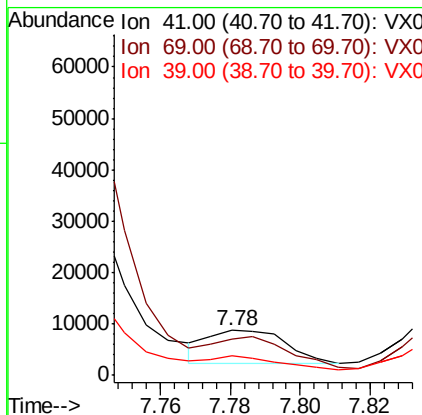
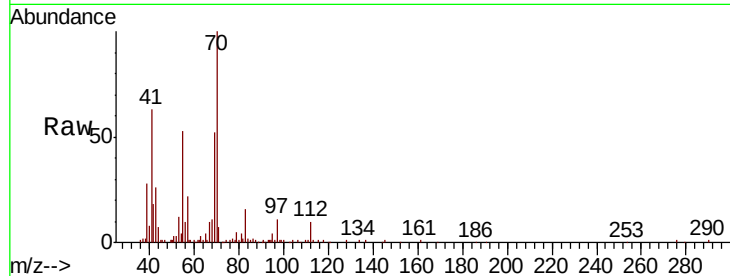




#48
Methvl methacrylate
Concen: 1.098 ug/l
RT: 7.78 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX006350.D
Acq: 07 Dec 2018 16:31

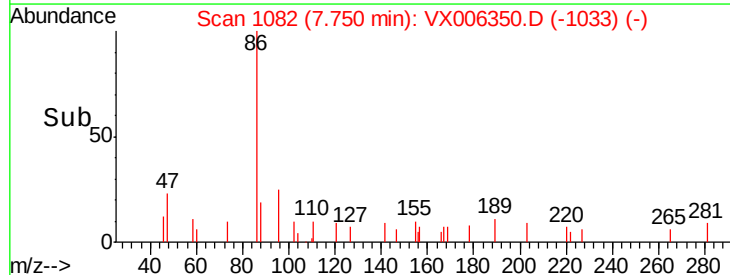
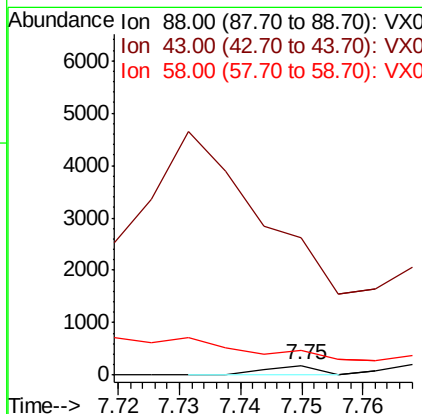
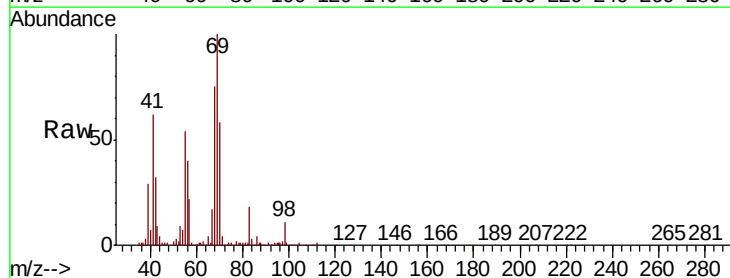
Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

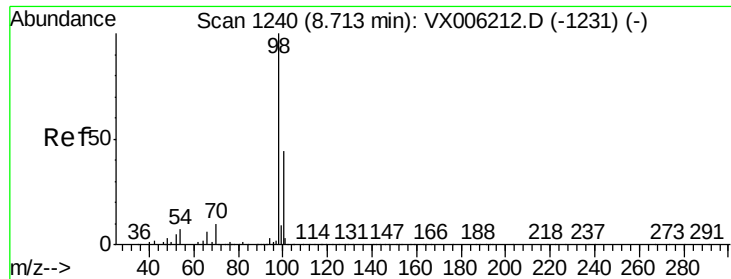
Tot Ion: 41 Resp: 9932
Ion Ratio Lower Upper
41 100
69 77.8 70.3 105.5
39 38.5 45.3 67.9#



#49
1,4-Dioxane
Concen: 0.458 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX006350.D
Acq: 07 Dec 2018 16:31

Tgt Ion: 88 Resp: 102
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 0.0 51.4 77.0#

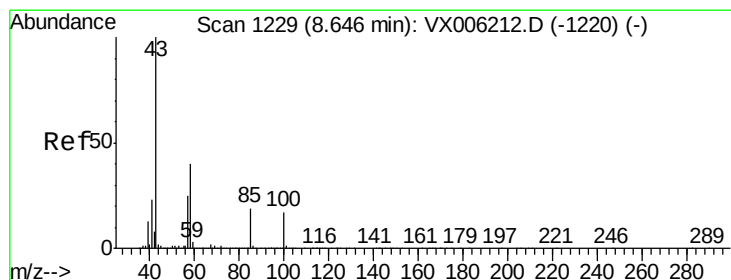
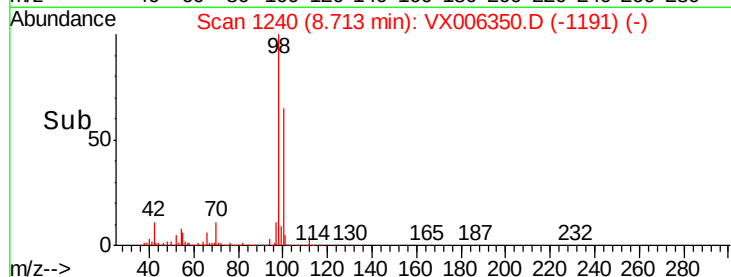
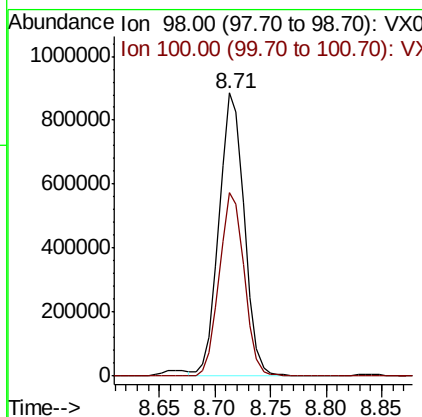
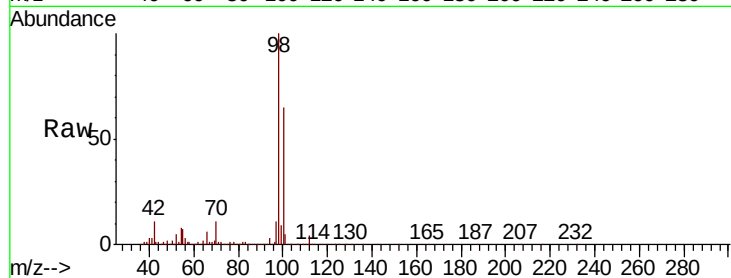




#50
Toluene-d8
Concen: 49.967 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006350.D
Acq: 07 Dec 2018 16:31

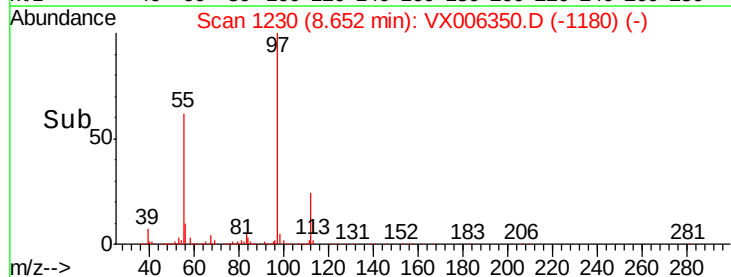
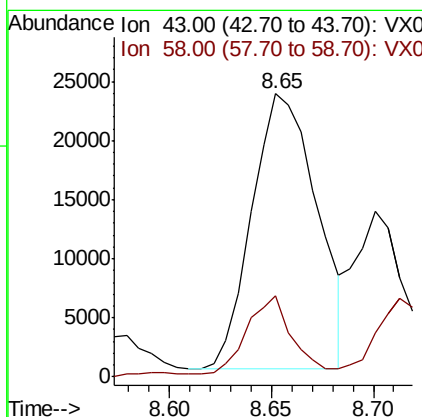
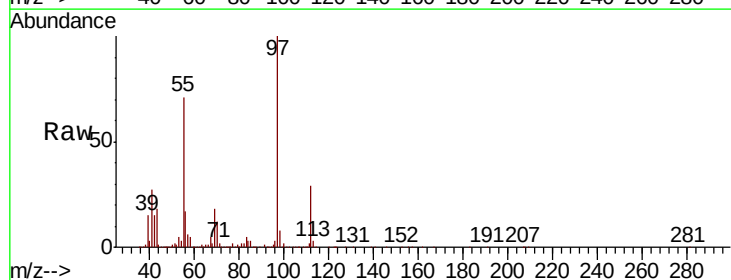
Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

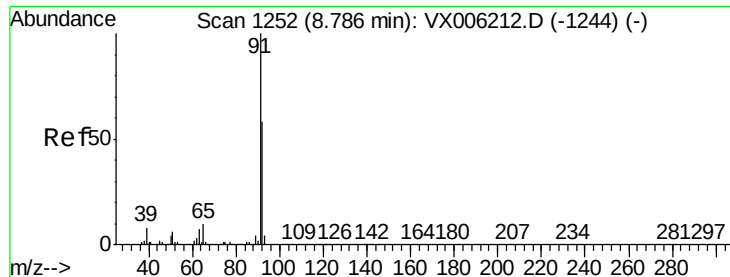
Tot Ion: 98 Resp: 1391000
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 4.800 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.01 min
Lab File: VX006350.D
Acq: 07 Dec 2018 16:31

Tgt Ion: 43 Resp: 51935
Ion Ratio Lower Upper
43 100
58 20.3 31.3 46.9#





#52

Toluene

Concen: 2.305 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006350.D

Acq: 07 Dec 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

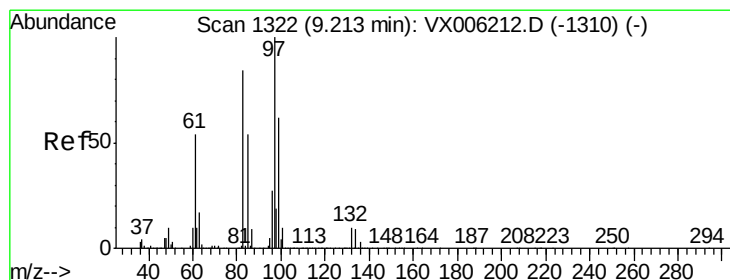
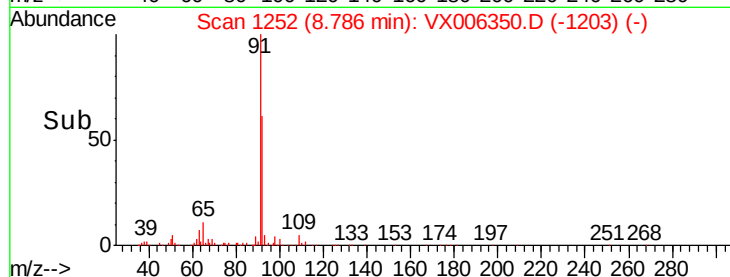
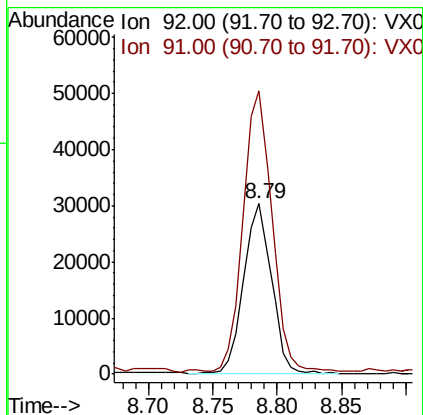
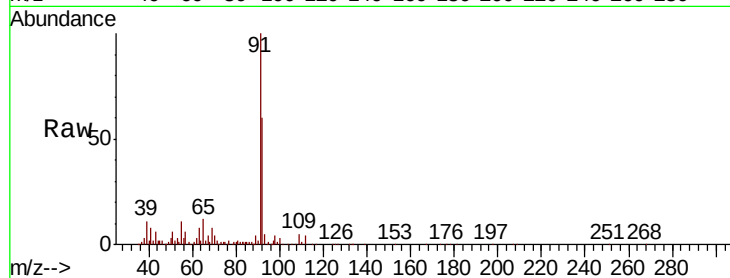
OILY-WATER

Tot Ion: 92 Resp: 45219

Ion Ratio Lower Upper

92 100

91 173.2 139.2 208.8



#55

1,1,2-Trichloroethane

Concen: 24.630 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX006350.D

Acq: 07 Dec 2018 16:31

Tgt Ion: 97 Resp: 196261

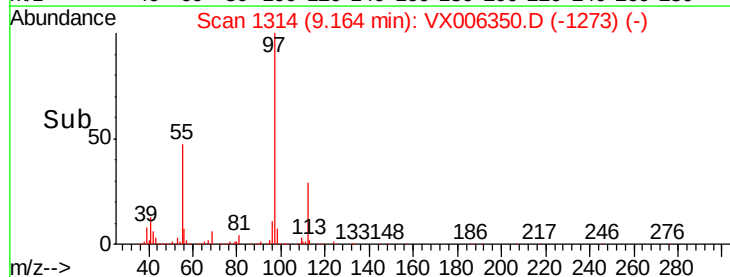
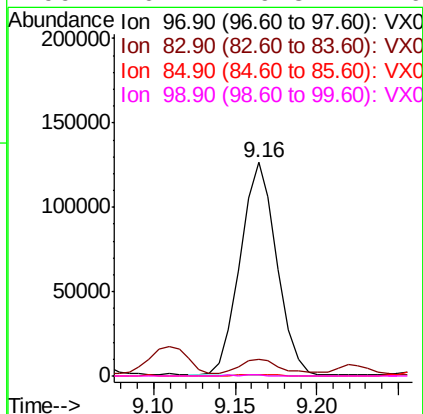
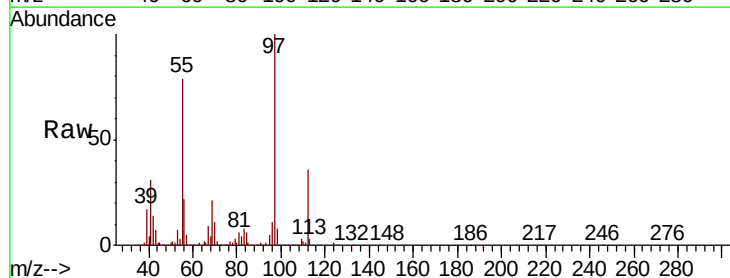
Ion Ratio Lower Upper

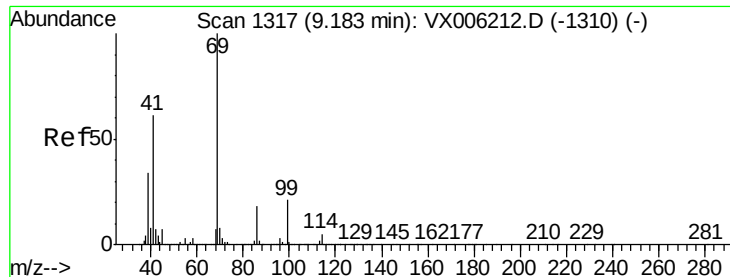
97 100

83 4.4 67.1 100.7#

85 0.3 43.2 64.8#

99 0.4 49.8 74.6#

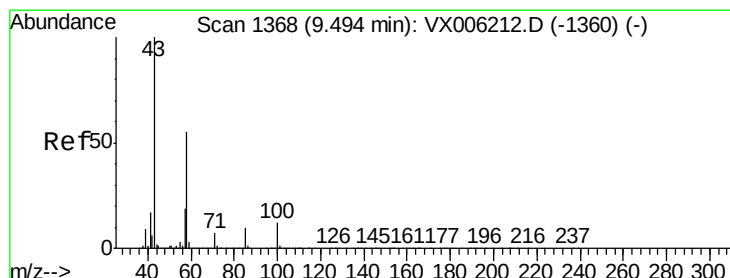
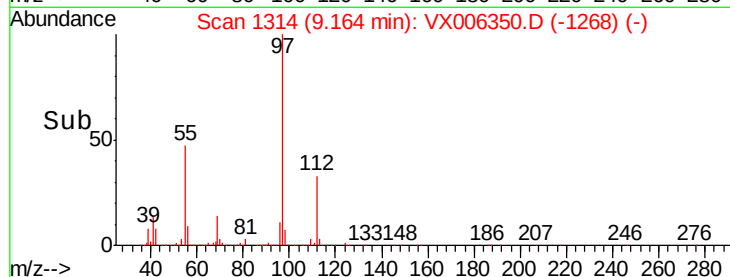
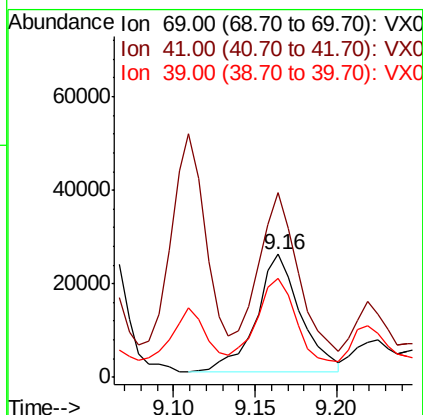
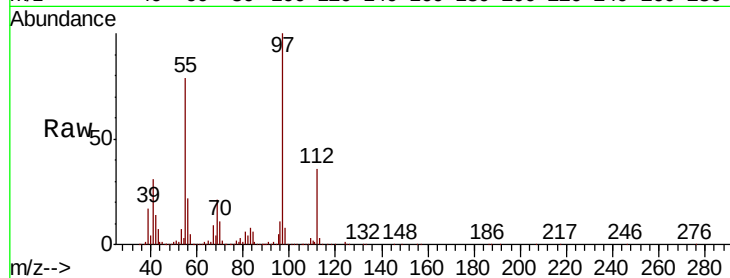




#56
Ethyl methacrylate
Concen: 3.839 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.02 min
Lab File: VX006350.D
Acq: 07 Dec 2018 16:31

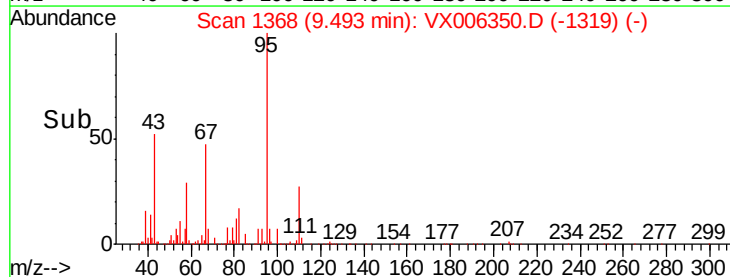
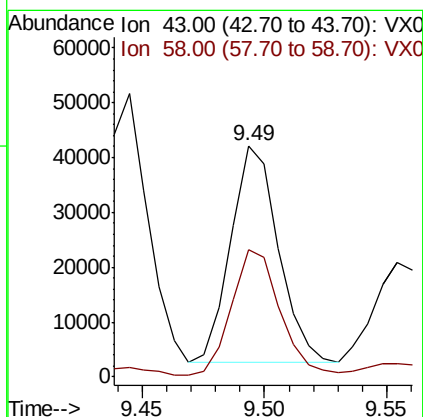
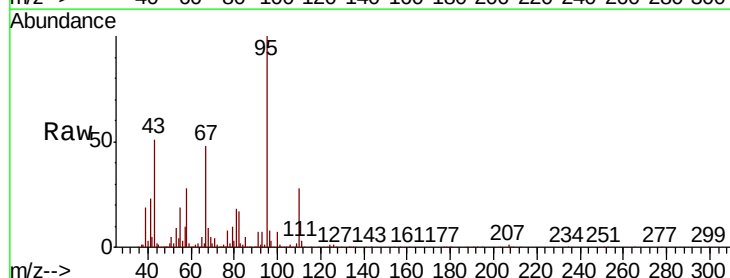
Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

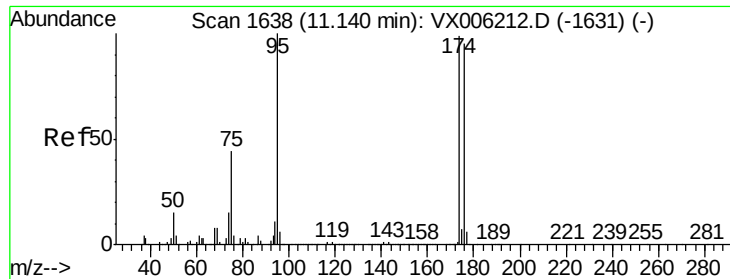
Tot Ion: 69 Resp: 47820
Ion Ratio Lower Upper
69 100
41 116.8 50.6 76.0#
39 58.8 27.6 41.4#



#59
2-Hexanone
Concen: 6.464 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006350.D
Acq: 07 Dec 2018 16:31

Tgt Ion: 43 Resp: 53429
Ion Ratio Lower Upper
43 100
58 60.4 27.7 83.1





#62

4-Bromofluorobenzene

Concen: 50.070 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006350.D

Acq: 07 Dec 2018 16:31

Instrument :

MSVOA_X

ClientSampled :

OILY-WATER

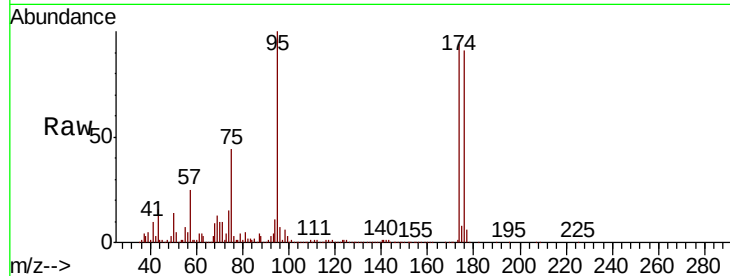
Tot Ion: 95 Resp: 525254

Ion Ratio Lower Upper

95 100

174 89.0 0.0 187.0

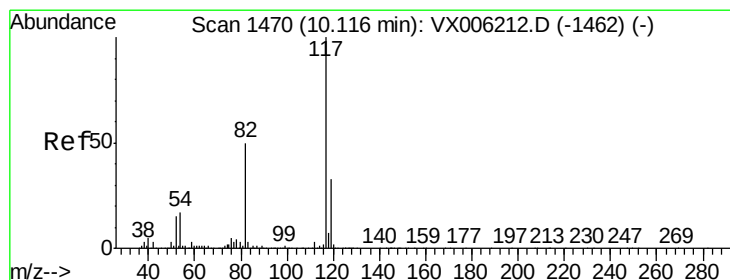
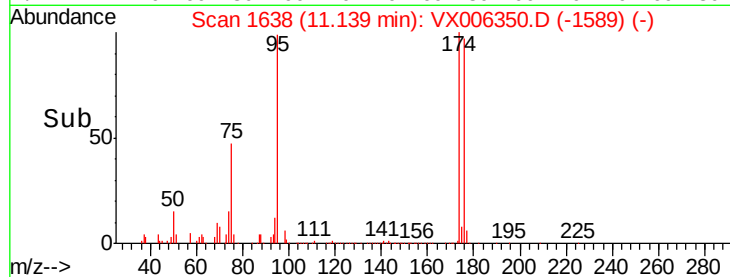
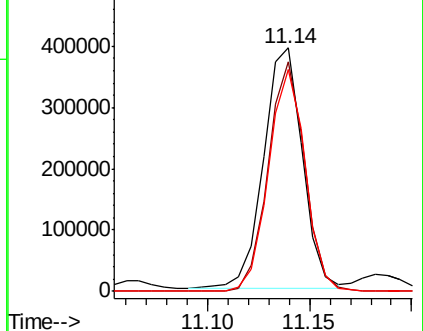
176 86.8 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006350.D

Acq: 07 Dec 2018 16:31

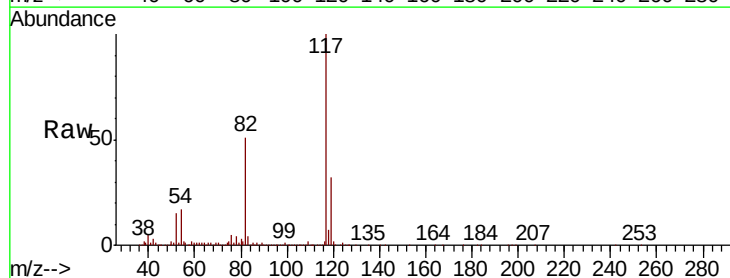
Tgt Ion: 117 Resp: 1083832

Ion Ratio Lower Upper

117 100

82 50.1 39.6 59.4

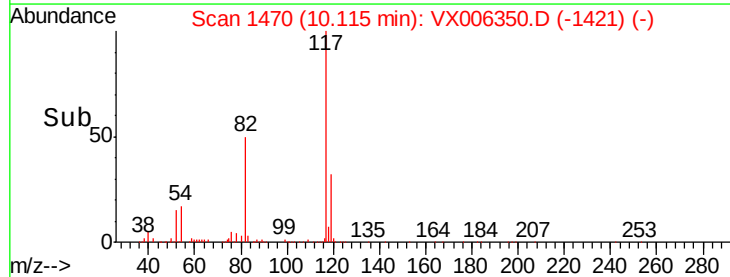
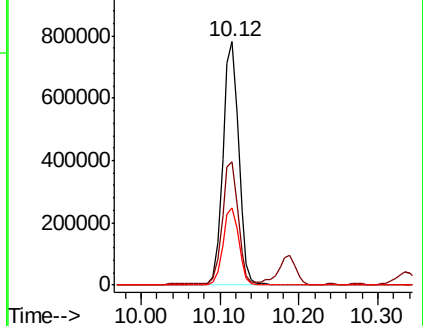
119 31.9 26.3 39.5

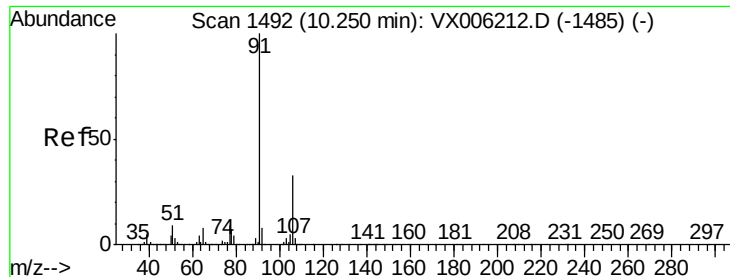


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#67

Ethyl Benzene

Concen: 14.189 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006350.D

Acq: 07 Dec 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

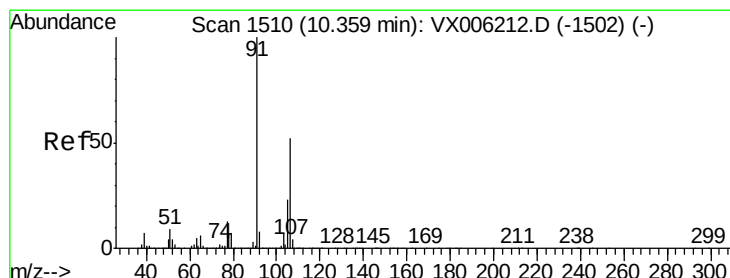
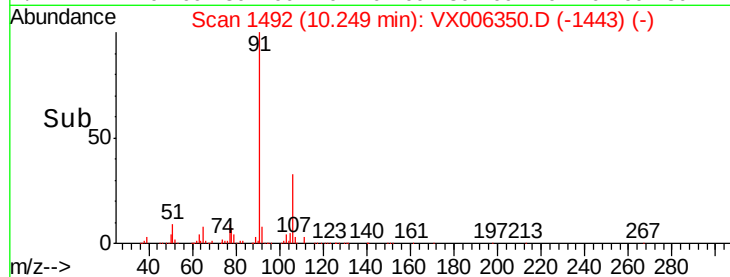
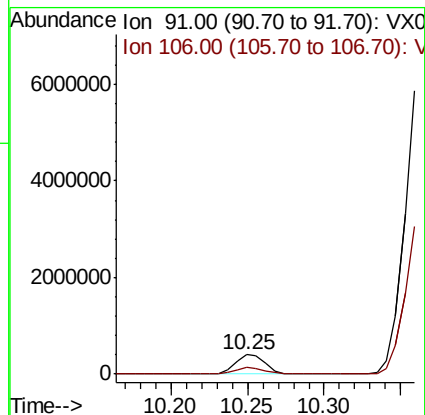
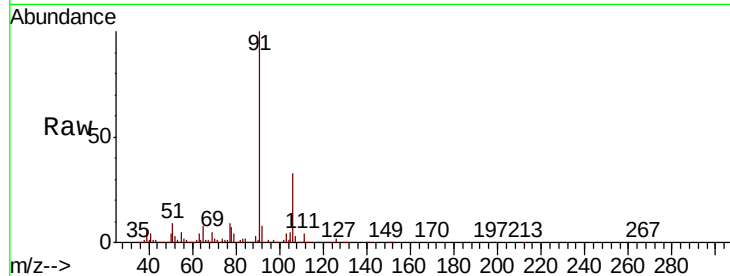
OILY-WATER

Tot Ion: 91 Resp: 542940

Ion Ratio Lower Upper

91 100

106 33.1 26.5 39.7



#68

m/p-Xylenes

Concen: 278.935 ug/l

RT: 10.37 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VX006350.D

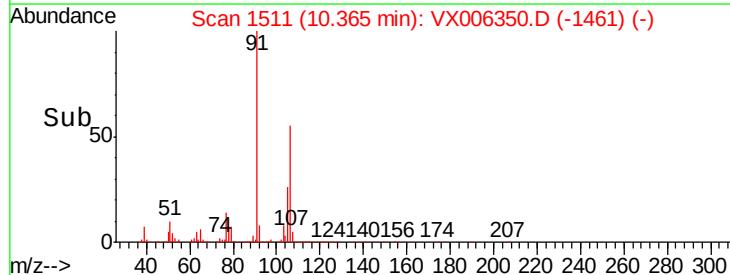
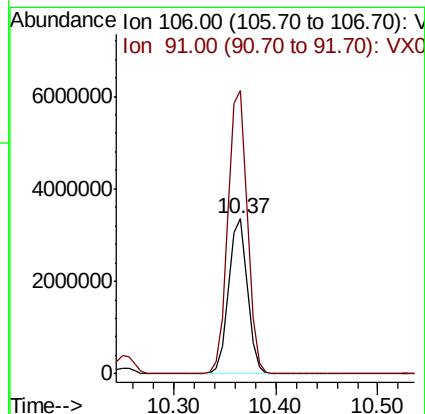
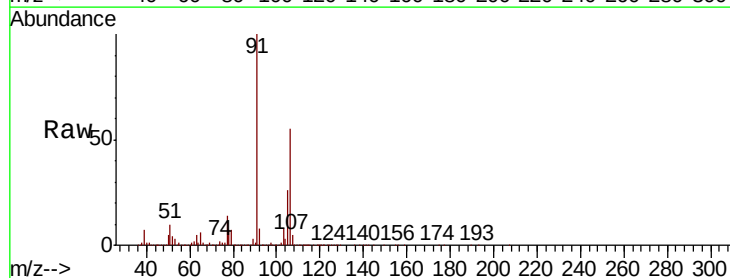
Acq: 07 Dec 2018 16:31

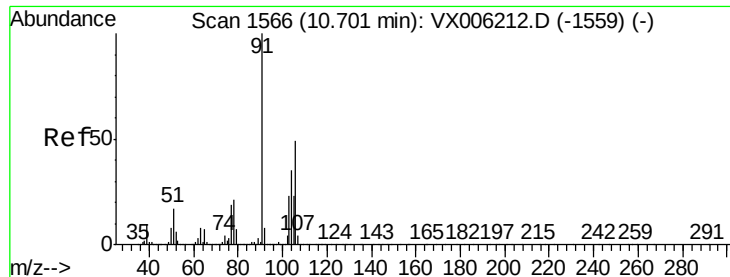
Tgt Ion: 106 Resp: 4275570

Ion Ratio Lower Upper

106 100

91 188.5 155.2 232.8

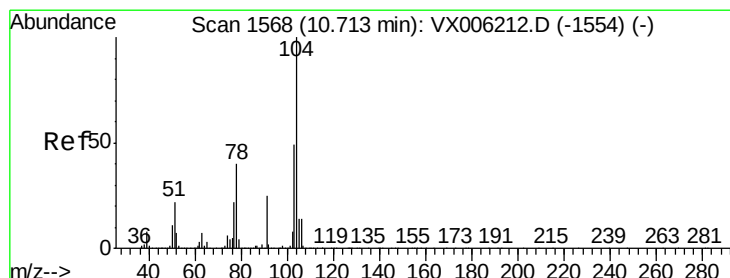
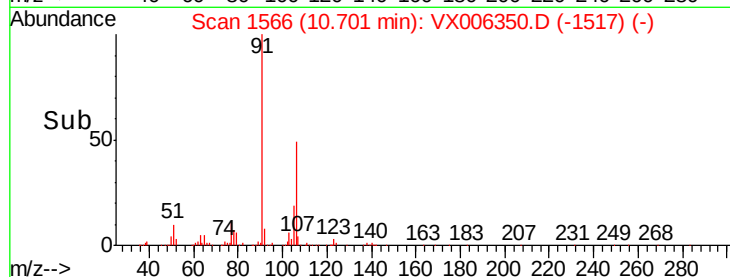
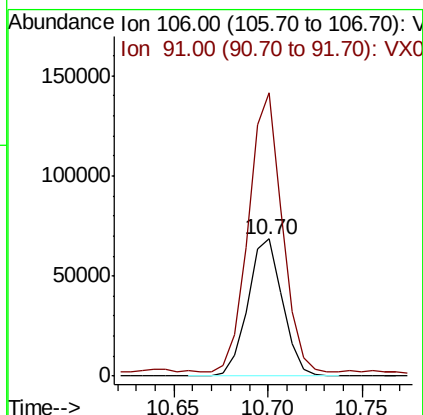
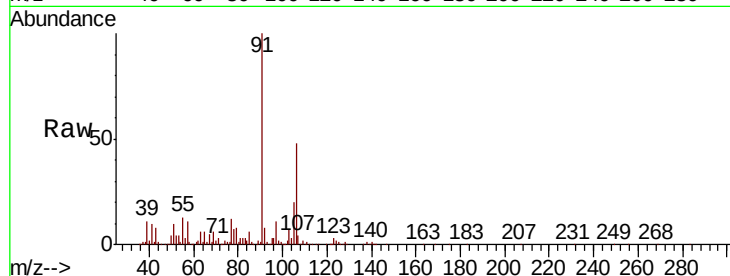




#69
o-Xylene
Concen: 5.735 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006350.D
Acq: 07 Dec 2018 16:31

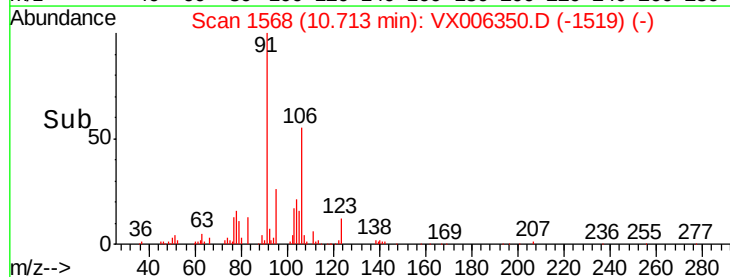
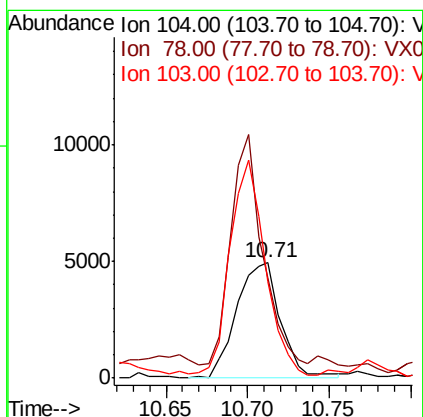
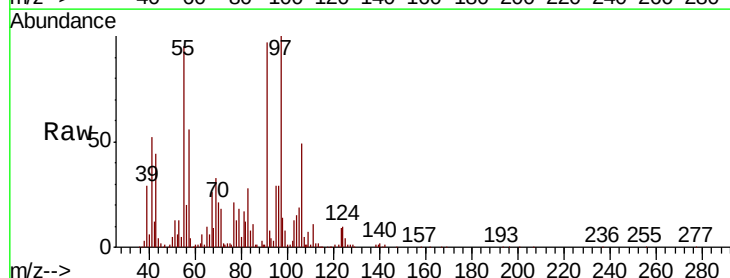
Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

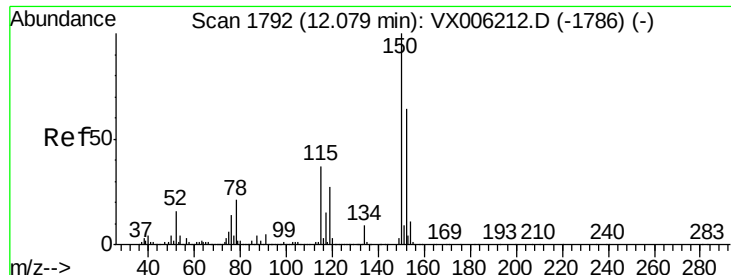
Tot Ion:106 Resp: 86838
Ion Ratio Lower Upper
106 100
91 198.5 101.8 305.6



#70
Styrene
Concen: 0.380 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006350.D
Acq: 07 Dec 2018 16:31

Tgt Ion:104 Resp: 9299
Ion Ratio Lower Upper
104 100
78 145.3 37.2 55.8#
103 149.4 43.5 65.3#



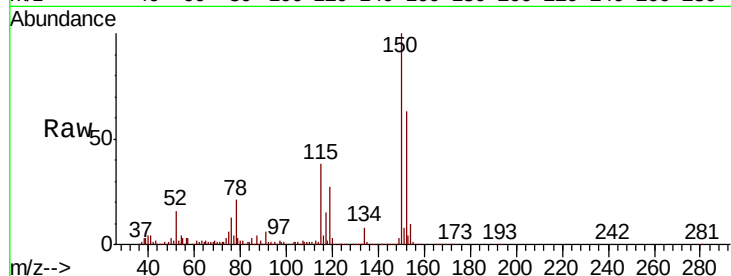


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006350.D
Acq: 07 Dec 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
OILY-WATER

Tot Ion	Ratio	Lower	Upper
152	100		
115	71.0	39.0	116.9
150	157.6	0.0	345.8

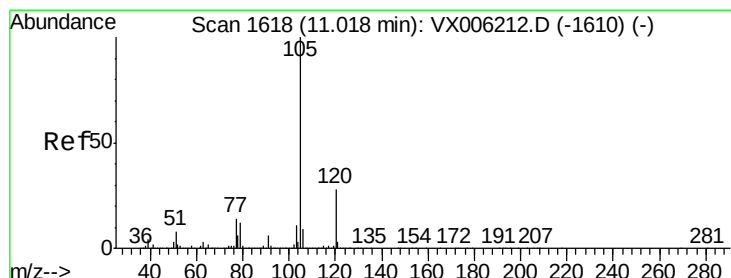
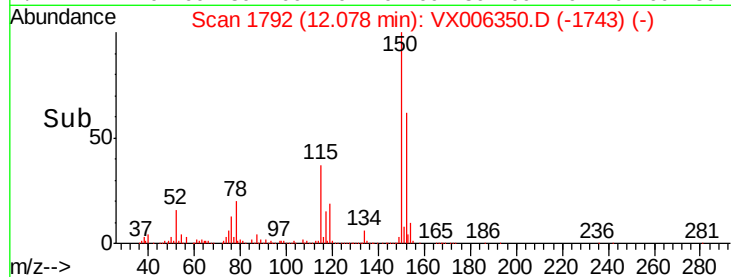
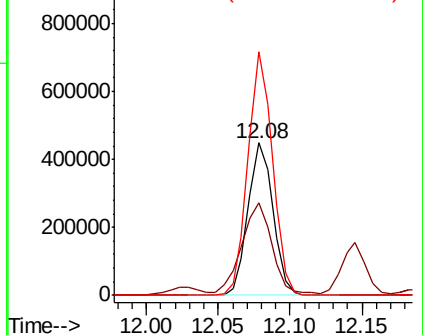


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

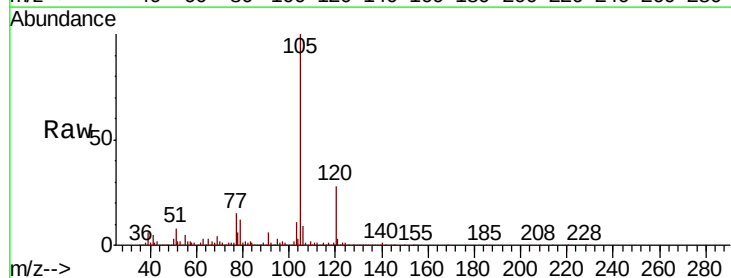
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 17.452 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006350.D
Acq: 07 Dec 2018 16:31

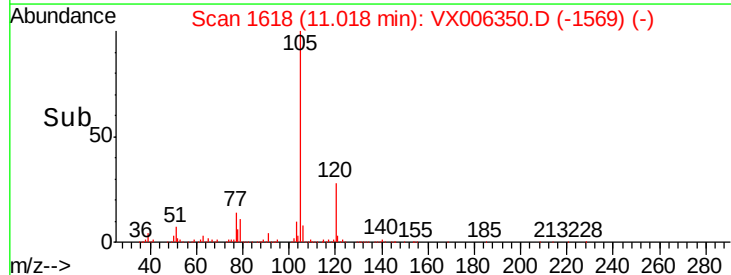
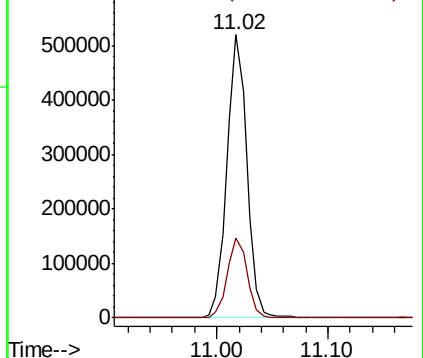
Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.5	14.1	42.3

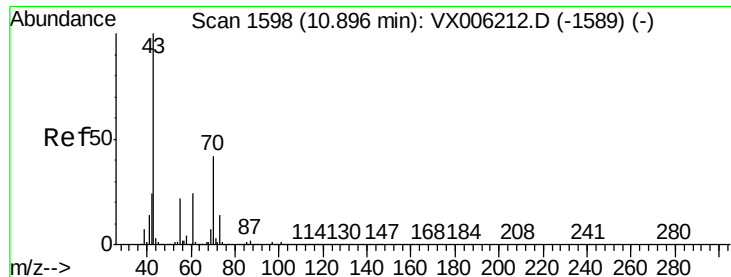


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 3.074 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX006350.D

Acq: 07 Dec 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

OILY-WATER

Tot Ion: 43 Resp: 48836

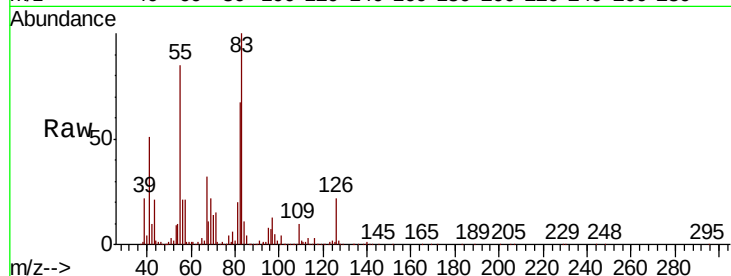
Ion Ratio Lower Upper

43 100

70 117.5 34.1 51.1#

55 439.3 17.8 26.8#

61 5.9 19.7 29.5#

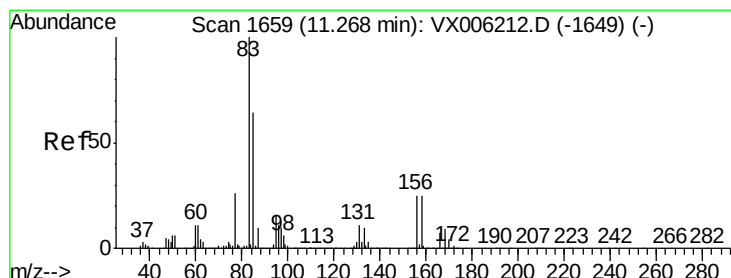
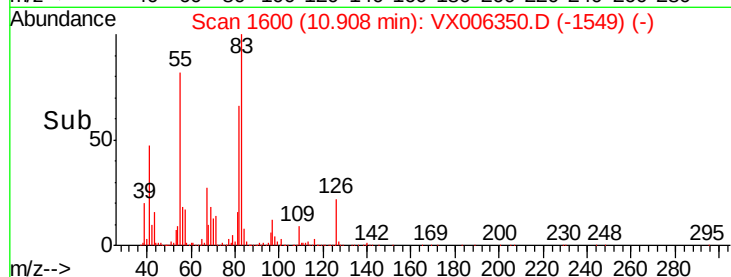
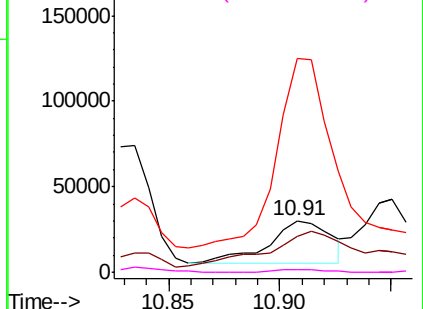


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 2.904 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX006350.D

Acq: 07 Dec 2018 16:31

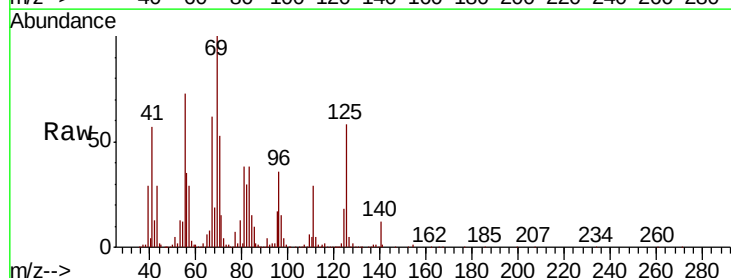
Tgt Ion: 83 Resp: 34277

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

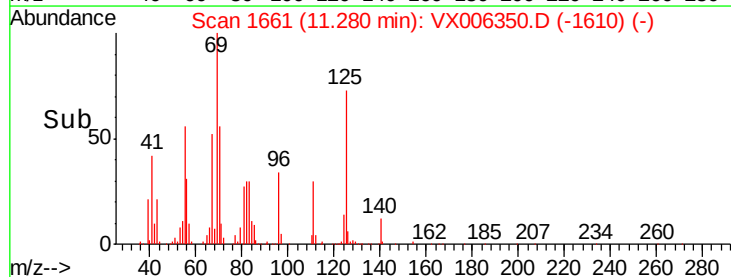
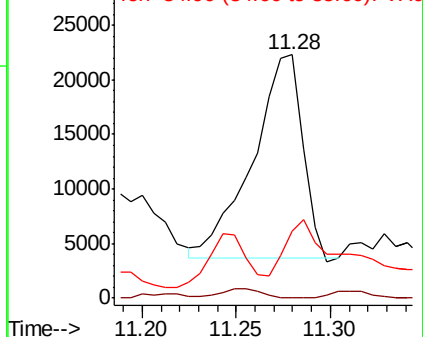
85 27.8 32.1 96.5#

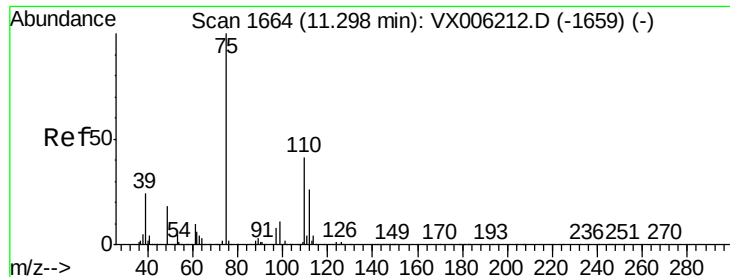


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 9.560 ug/l

RT: 11.46 min Scan# 1690

Delta R.T. 0.16 min

Lab File: VX006350.D

Acq: 07 Dec 2018 16:31

Instrument :

MSVOA_X

ClientSampled :

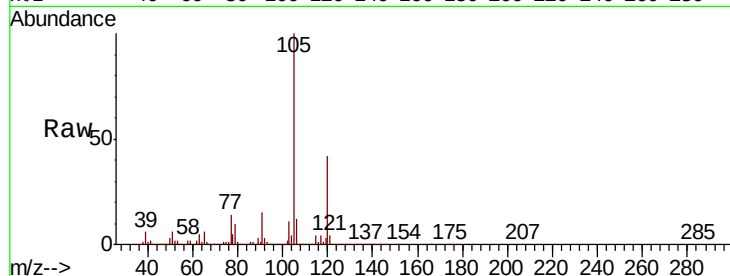
OILY-WATER

Tot Ion: 75 Resp: 98588

Ion Ratio Lower Upper

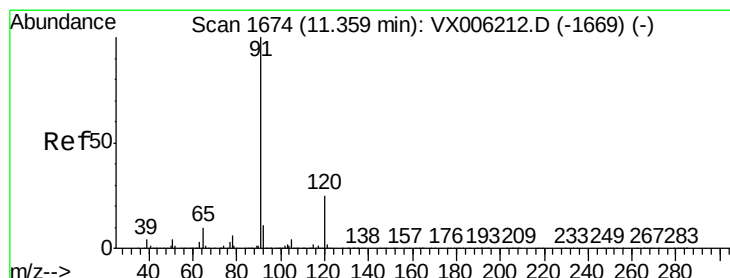
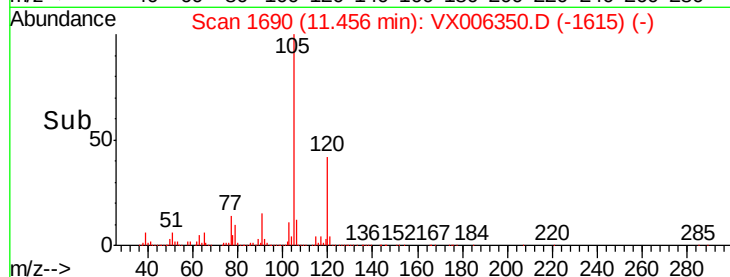
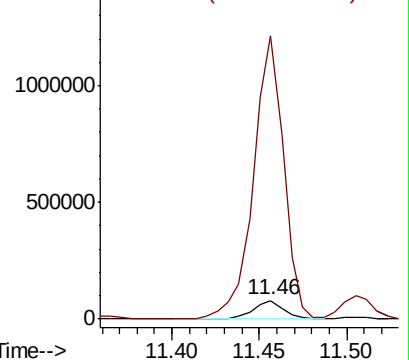
75 100

77 1472.6 19.9 59.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 10.776 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006350.D

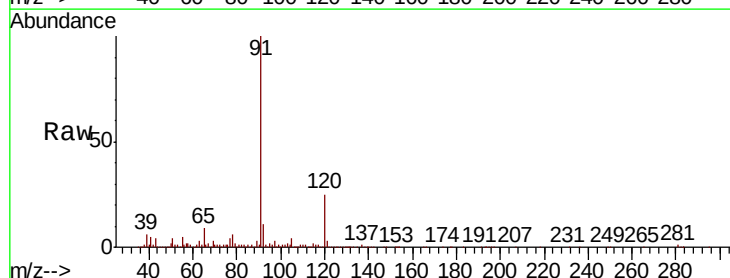
Acq: 07 Dec 2018 16:31

Tgt Ion: 91 Resp: 441955

Ion Ratio Lower Upper

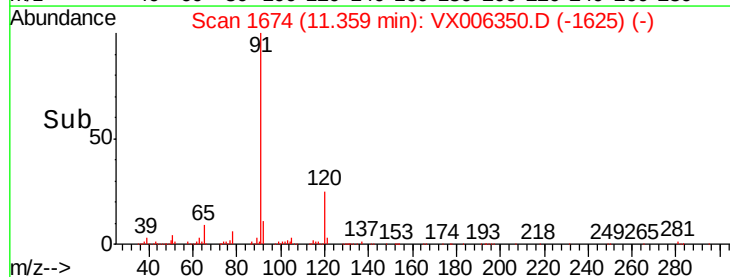
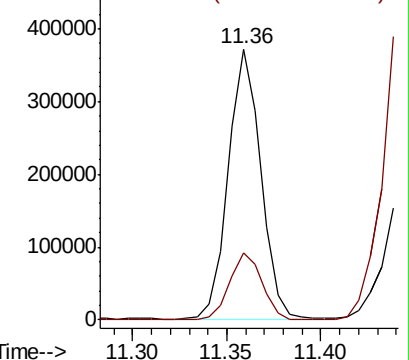
91 100

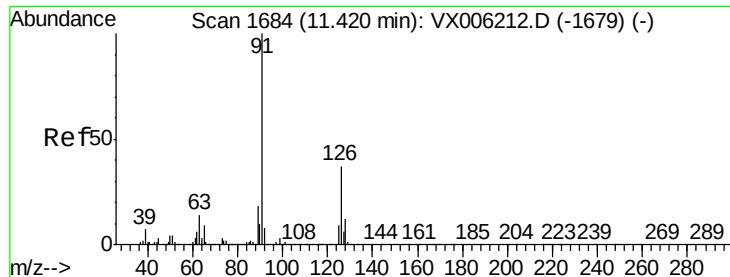
120 0.0 12.7 38.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

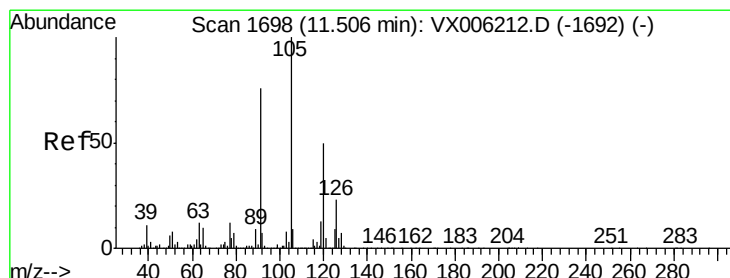
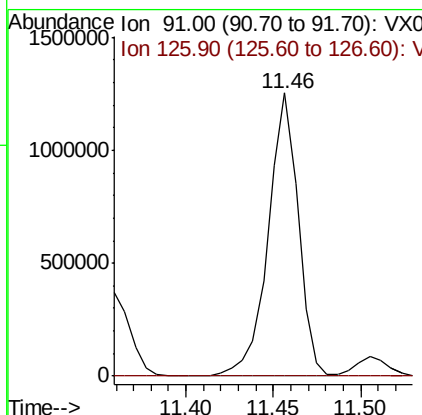
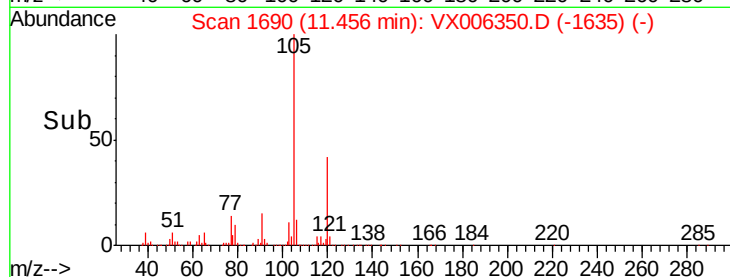
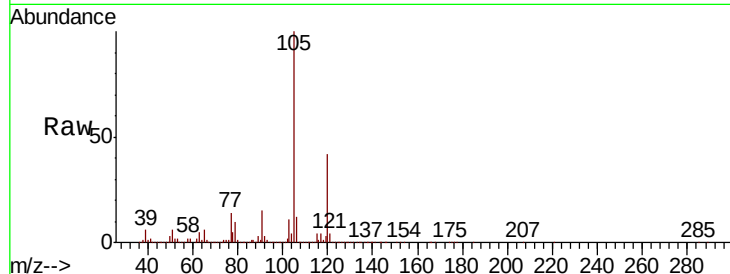




#79
 2-Chlorotoluene
 Concen: 61.533 ug/l
 RT: 11.46 min Scan# 1690
 Delta R.T. 0.04 min
 Lab File: VX006350.D
 Acq: 07 Dec 2018 16:31

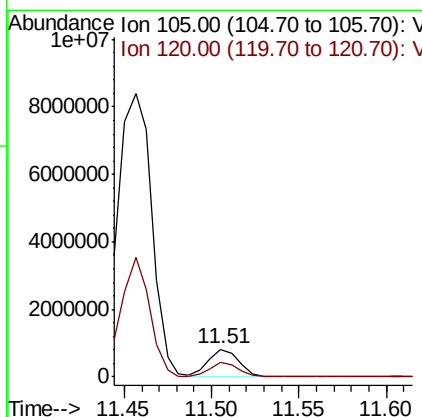
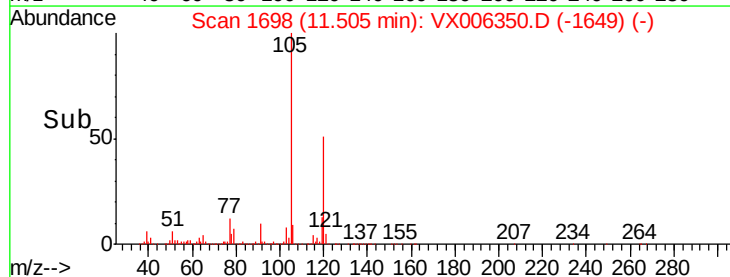
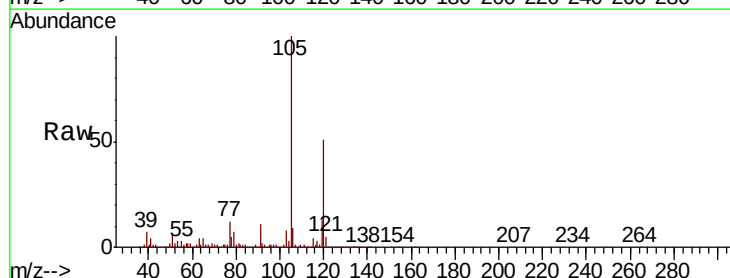
Instrument :
 MSVOA_X
 ClientSampled :
 OILY-WATER

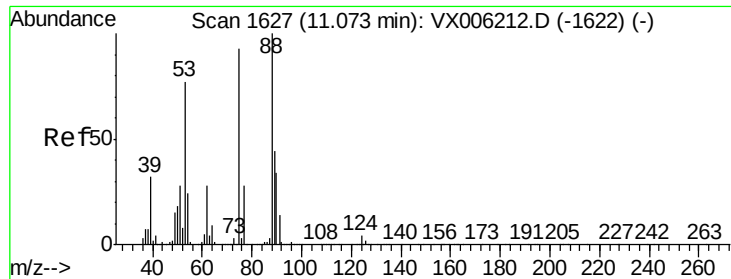
Tot Ion: 91 Resp: 1500016
 Ion Ratio Lower Upper
 91 100
 126 0.6 18.6 56.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 32.356 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006350.D
 Acq: 07 Dec 2018 16:31

Tgt Ion:105 Resp: 993317
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 2.097 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.06 min

Lab File: VX006350.D

Acq: 07 Dec 2018 16:31

Instrument :

MSVOA_X

ClientSampled :

OILY-WATER

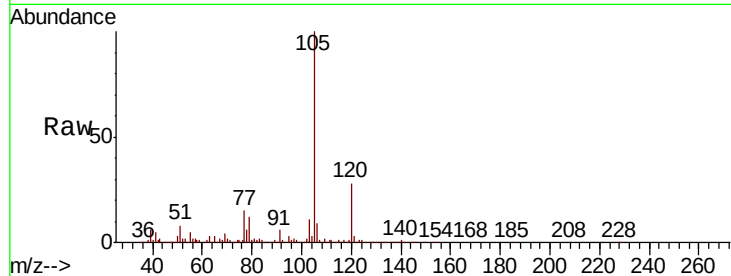
Tot Ion: 75 Resp: 9216

Ion Ratio Lower Upper

75 100

53 111.3 64.4 96.6#

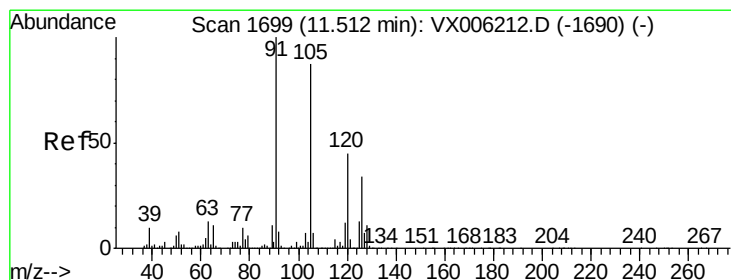
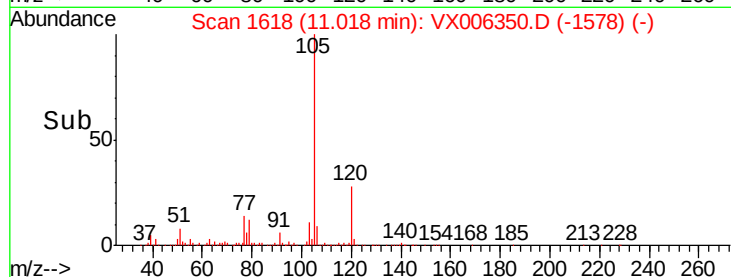
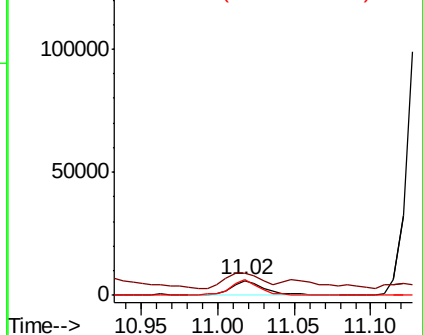
89 92.0 44.2 66.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 3.604 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX006350.D

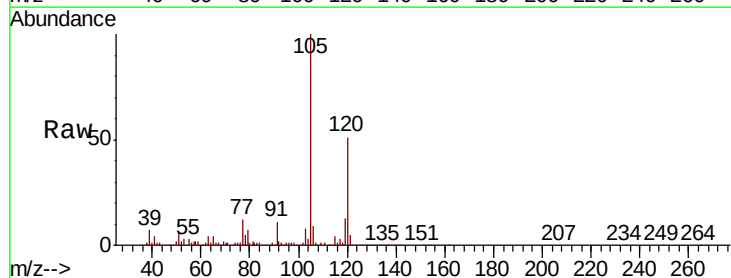
Acq: 07 Dec 2018 16:31

Tgt Ion: 91 Resp: 102148

Ion Ratio Lower Upper

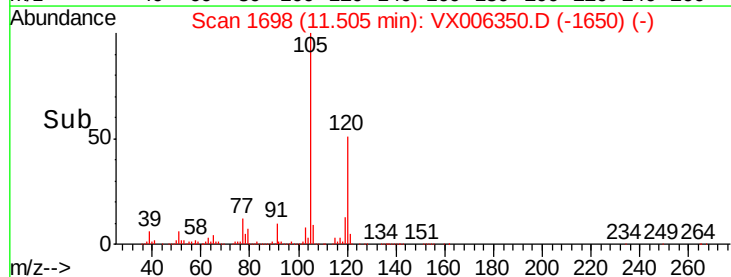
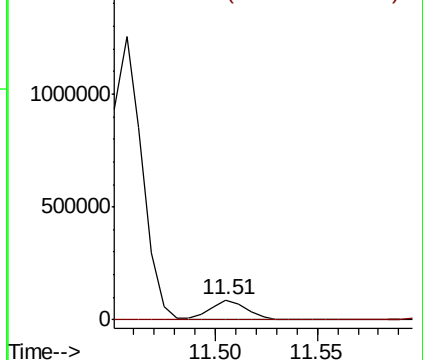
91 100

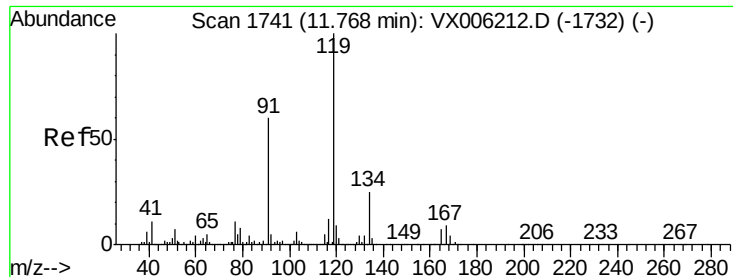
126 0.0 16.4 49.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

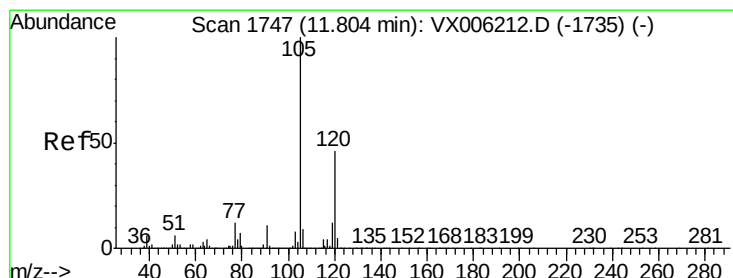
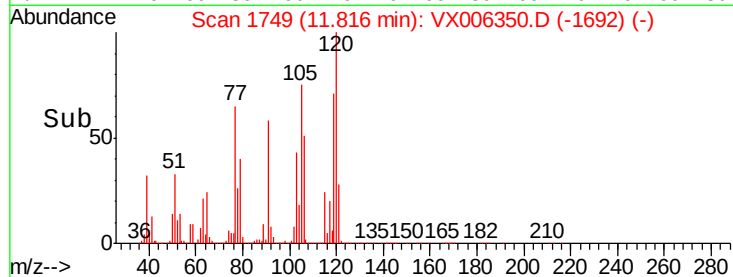
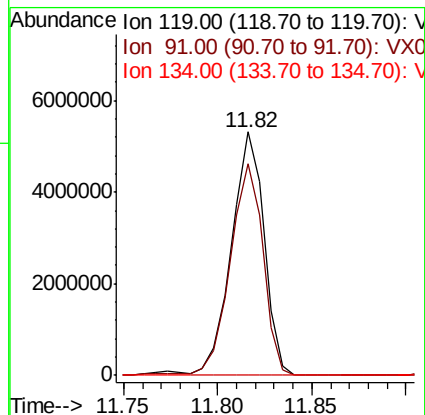
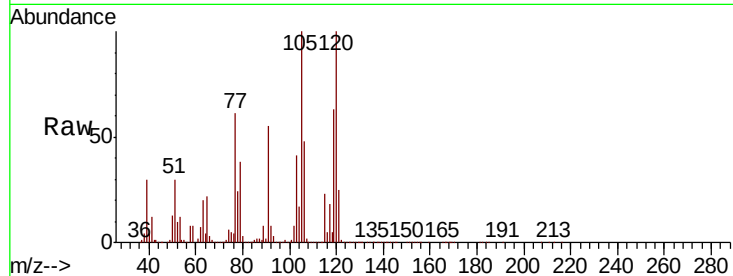




#83
 tert-Butylbenzene
 Concen: 194.392 ug/l
 RT: 11.82 min Scan# 1749
 Delta R.T. 0.05 min
 Lab File: VX006350.D
 Acq: 07 Dec 2018 16:31

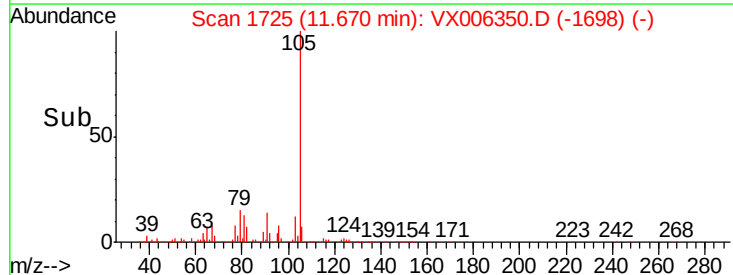
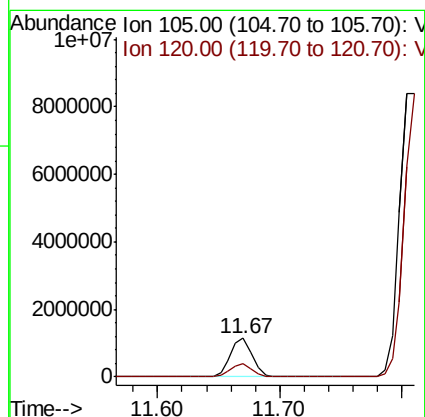
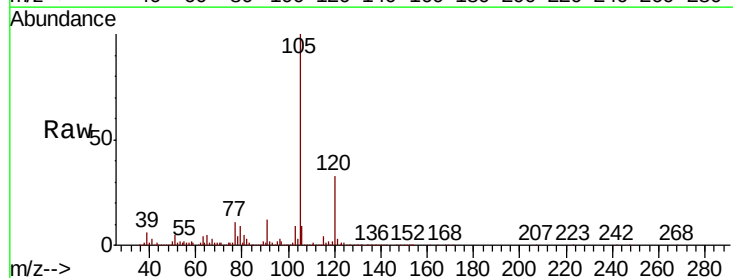
Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-WATER

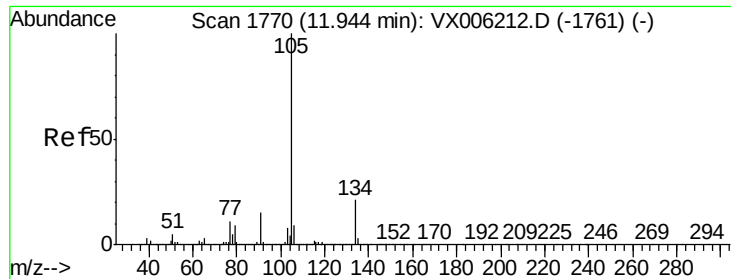
Tot Ion:119 Resp: 6367307
 Ion Ratio Lower Upper
 119 100
 91 88.4 26.4 79.2#
 134 0.0 11.6 34.7#



#84
 1,2,4-Trimethylbenzene
 Concen: 44.344 ug/l
 RT: 11.67 min Scan# 1725
 Delta R.T. -0.13 min
 Lab File: VX006350.D
 Acq: 07 Dec 2018 16:31

Tgt Ion:105 Resp: 1405711
 Ion Ratio Lower Upper
 105 100
 120 32.8 23.4 70.0





#85

sec-Butylbenzene

Concen: 16.607 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006350.D

Acq: 07 Dec 2018 16:31

Instrument :

MSVOA_X

ClientSampled :

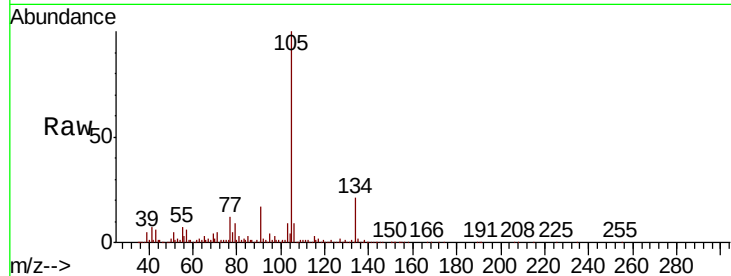
OILY-WATER

Tot Ion:105 Resp: 618831

Ion Ratio Lower Upper

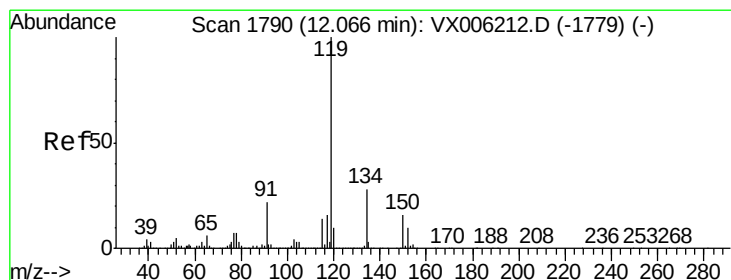
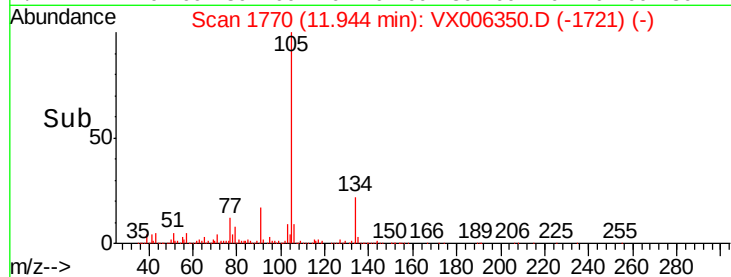
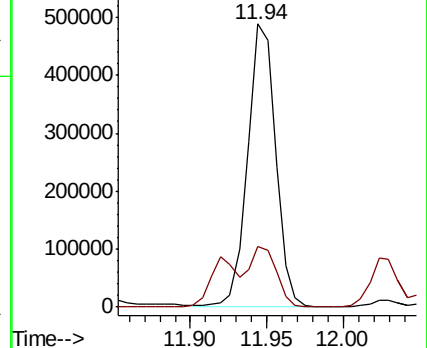
105 100

134 20.7 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 31.012 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX006350.D

Acq: 07 Dec 2018 16:31

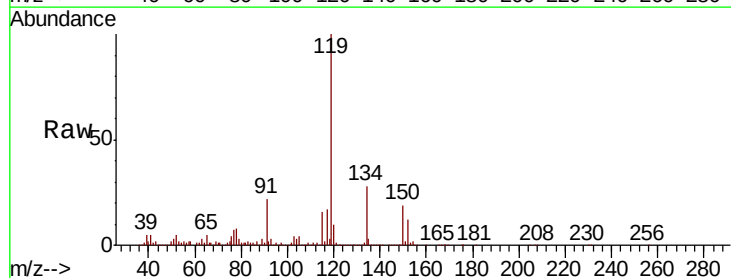
Tgt Ion:119 Resp: 1040575

Ion Ratio Lower Upper

119 100

134 28.1 13.9 41.6

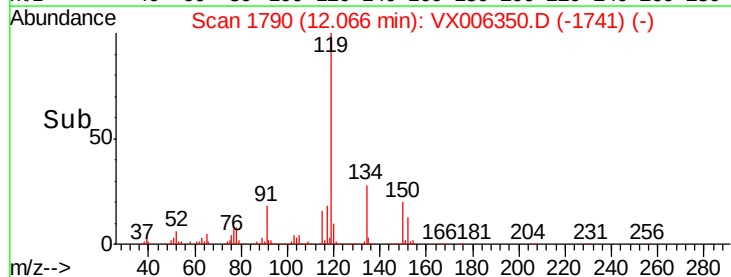
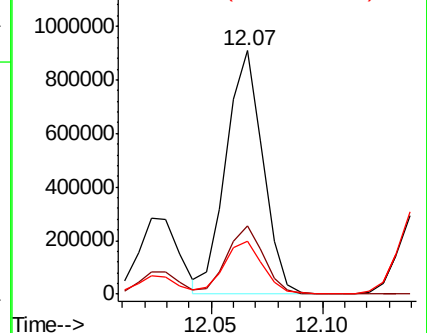
91 22.5 11.3 33.8

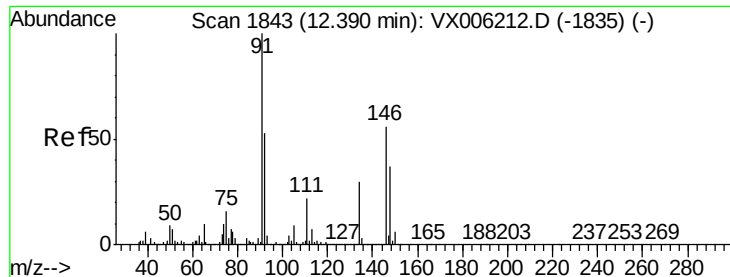


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#89

n-Butylbenzene

Concen: 42.614 ug/l

RT: 12.37 min Scan# 1840

Delta R.T. -0.02 min

Lab File: VX006350.D

Acq: 07 Dec 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

OILY-WATER

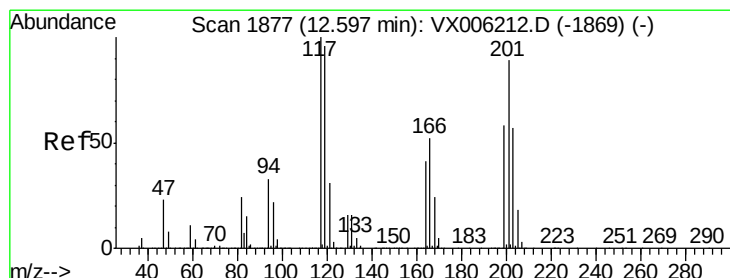
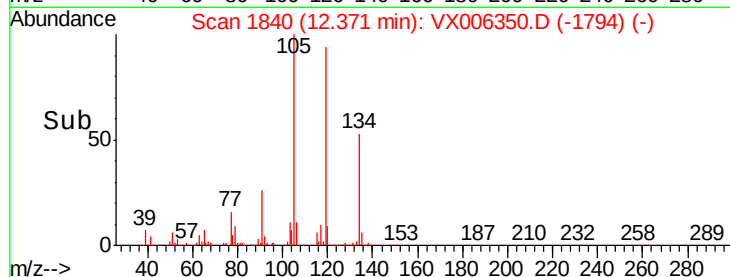
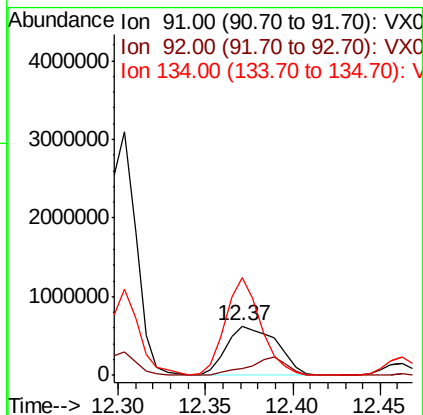
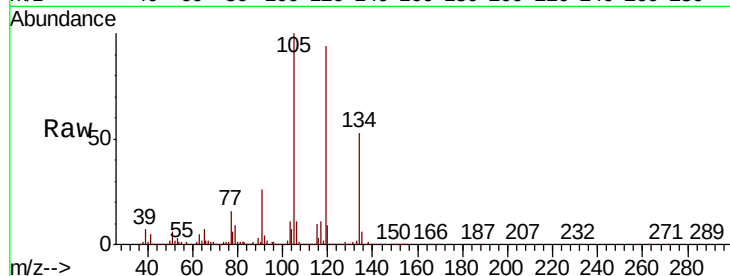
Tot Ion: 91 Resp: 1220054

Ion	Ratio	Lower	Upper
91	100		
92	28.7	26.6	79.8
134	144.1	14.8	44.3#

91 100

92 28.7 26.6 79.8

134 144.1 14.8 44.3#



#90

Hexachloroethane

Concen: 98.998 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX006350.D

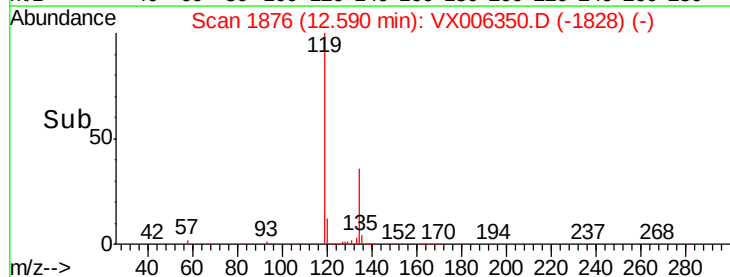
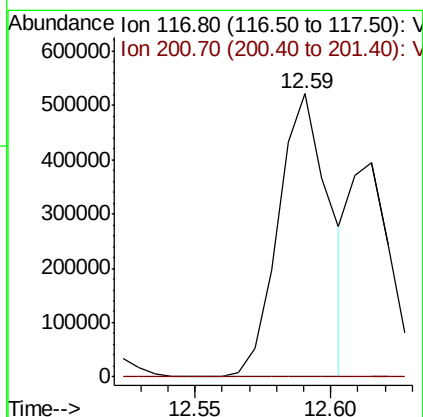
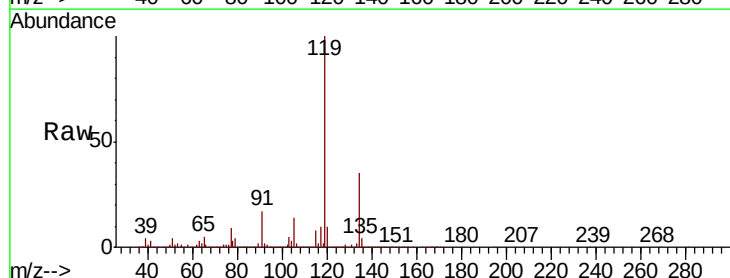
Acq: 07 Dec 2018 16:31

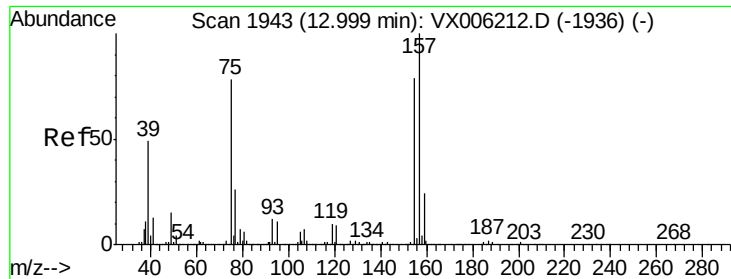
Tgt Ion: 117 Resp: 677023

Ion	Ratio	Lower	Upper
117	100		
201	0.0	44.7	134.1#

117 100

201 0.0 44.7 134.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 15.907 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX006350.D

Acq: 07 Dec 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

OILY-WATER

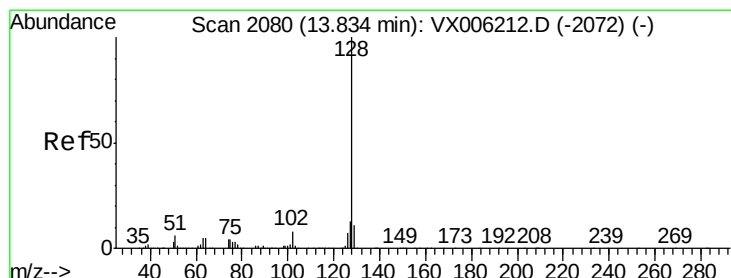
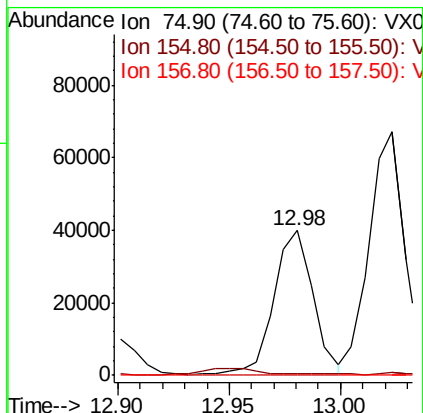
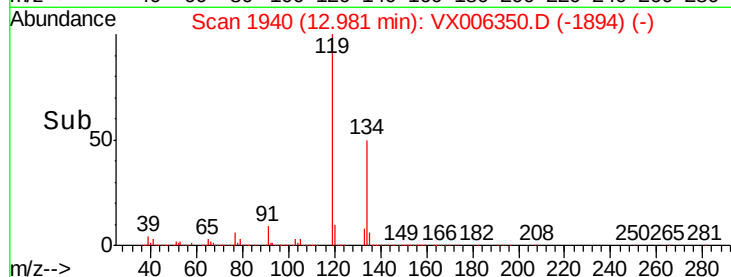
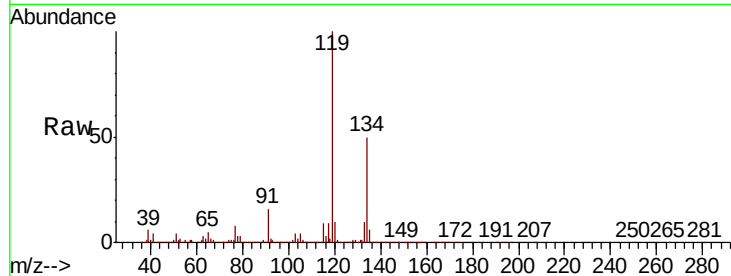
Tot Ion: 75 Resp: 48134

Ion Ratio Lower Upper

75 100

155 0.0 53.4 160.3#

157 1.8 68.0 203.8#



#95

Naphthalene

Concen: 230.375 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006350.D

Acq: 07 Dec 2018 16:31

Tgt Ion:128 Resp: 9453840

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.4

129 12.6 8.9 13.3

