

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082718\
 Data File : VN050894.D
 Acq On : 27 Aug 2018 13:19
 Operator : MD\SY
 Sample : J4621-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-WATER

Quant Time: Aug 28 01:38:26 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	638898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1009617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	865742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	321966	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	398041	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	
35) Dibromofluoromethane	7.59	113	386119	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	
50) Toluene-d8	10.09	98	1402687	46.71	ug/l	0.00
Spiked Amount			Recovery	=	93.42%	
62) 4-Bromofluorobenzene	12.40	95	406713	40.76	ug/l	0.00
Spiked Amount			Recovery	=	81.52%	

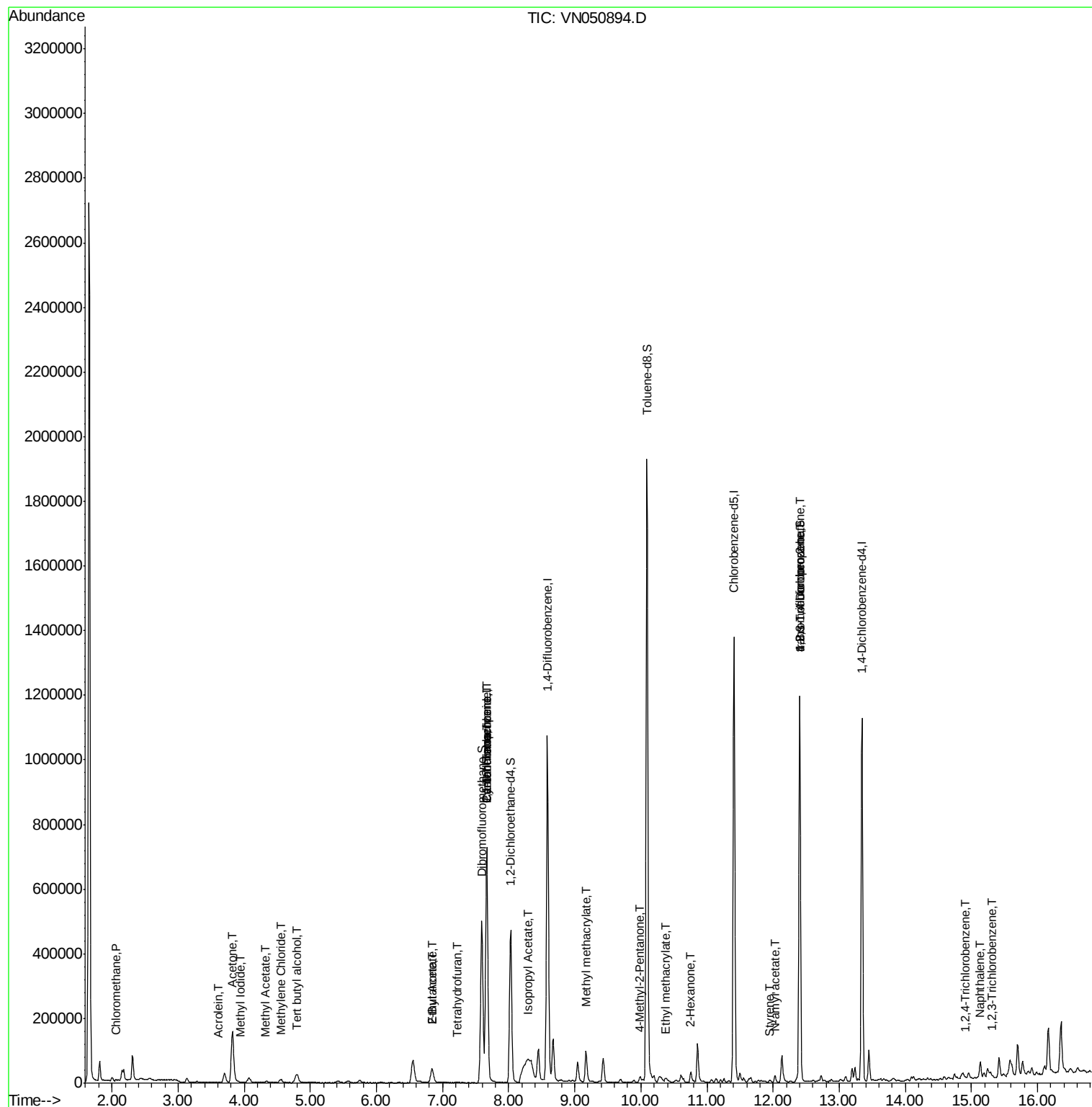
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2783	0.26	ug/l	98
5) Bromomethane	2.57	94	2984	Below	Cal	98
10) Methyl Iodide	3.95	142	466	6.40	ug/l #	82
11) Tert butyl alcohol	4.80	59	47382	96.74	ug/l	100
13) Acrolein	3.62	56	411	19.25	ug/l #	42
16) Acetone	3.82	43	269365	144.92	ug/l	100
18) Methyl Acetate	4.33	43	7114	0.98	ug/l #	75
20) Methylene Chloride	4.55	84	3602	0.42	ug/l	97
25) 2-Butanone	6.84	43	61304	19.78	ug/l	99
29) Tetrahydrofuran	7.22	42	892	0.50	ug/l #	35
31) Cyclohexane	7.67	56	10902	1.29	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	41955	3.52	ug/l #	49
37) Ethyl Acetate	6.84	43	61304	8.96	ug/l #	69
38) Carbon Tetrachloride	7.67	117	56434	4.69	ug/l #	18
43) Isopropyl Acetate	8.28	43	116819	9.93	ug/l #	58
48) Methyl methacrylate	9.17	41	26208	4.37	ug/l #	39
51) 4-Methyl-2-Pentanone	9.99	43	13750	1.96	ug/l	94
56) Ethyl methacrylate	10.37	69	6070	2.91	ug/l #	18
59) 2-Hexanone	10.75	43	20934	4.48	ug/l	96
70) Styrene	11.96	104	812	1.30	ug/l #	85
74) N-amyl acetate	12.03	43	14158	2.11	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.50	83	150	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.40	75	187492	33.25	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	187492	112.40	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.91	180	1153	4.25	ug/l #	36
94) Hexachlorobutadiene	15.01	225	304	Below	Cal #	31
95) Naphthalene	15.13	128	42421	8.34	ug/l	96
96) 1,2,3-Trichlorobenzene	15.32	180	1592	3.55	ug/l #	80

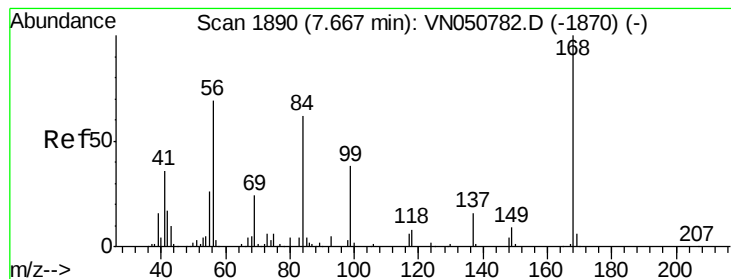
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 28 01:38:26 2018
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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050894.D

Acq: 27 Aug 2018 13:19

Instrument :

MSVOA_N

ClientSampleId :

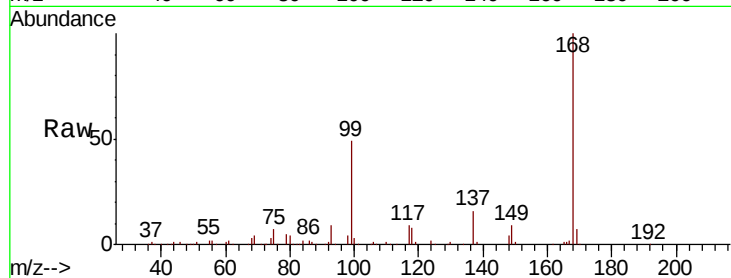
OILY-WATER

Tot Ion:168 Resp: 638898

Ion Ratio Lower Upper

168 100

99 49.4 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050782.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050782.D (-1870) (-)

7.67

250000

200000

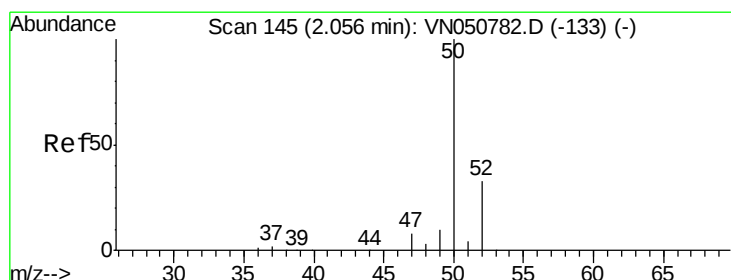
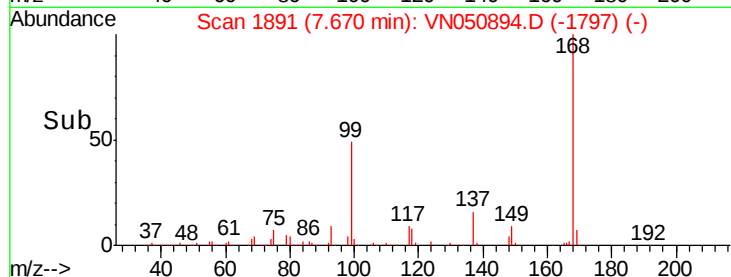
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.26 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050894.D

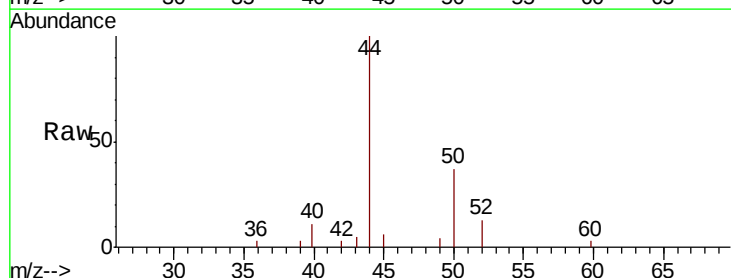
Acq: 27 Aug 2018 13:19

Tgt Ion: 50 Resp: 2783

Ion Ratio Lower Upper

50 100

52 34.3 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN050782.D (-133) (-)

Ion 51.90 (51.60 to 52.60): VN050782.D (-133) (-)

2.06

2500

2000

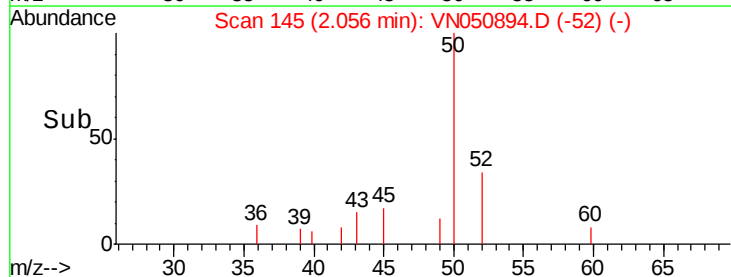
1500

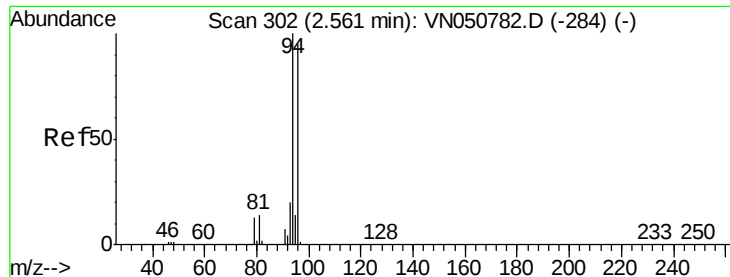
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN050894.D

Acq: 27 Aug 2018 13:19

Instrument :

MSVOA_N

ClientSampled :

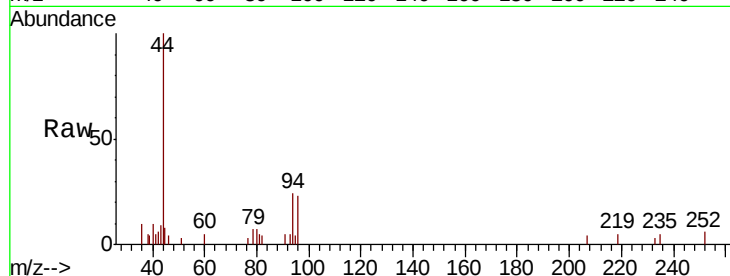
OILY-WATER

Tot Ion: 94 Resp: 2984

Ion Ratio Lower Upper

94 100

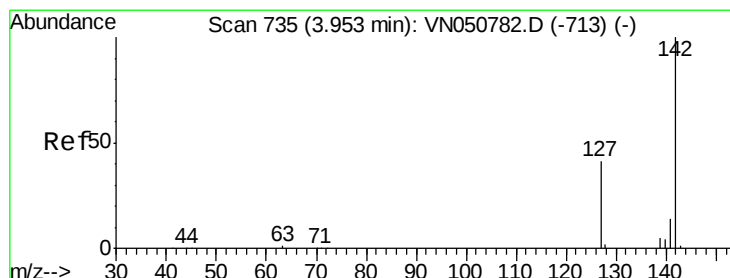
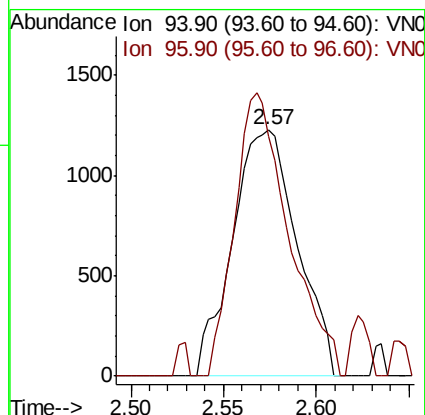
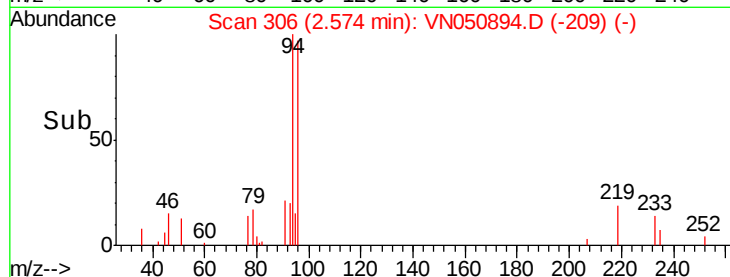
96 97.3 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN050894.D (-209) (-)

Ion 95.90 (95.60 to 96.60): VN050894.D (-209) (-)

Time-->



#10

Methyl Iodide

Concen: 6.40 ug/l

RT: 3.95 min Scan# 734

Delta R.T. -0.00 min

Lab File: VN050894.D

Acq: 27 Aug 2018 13:19

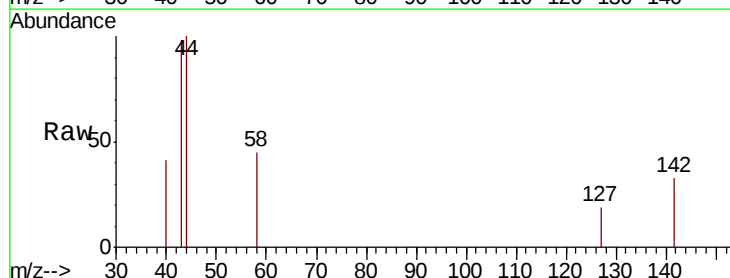
Tgt Ion: 142 Resp: 466

Ion Ratio Lower Upper

142 100

127 47.0 31.7 47.5

141 0.0 11.4 17.0#

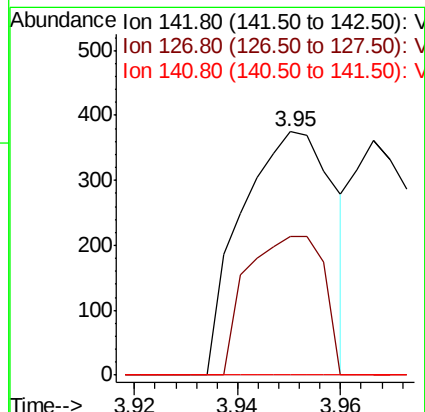
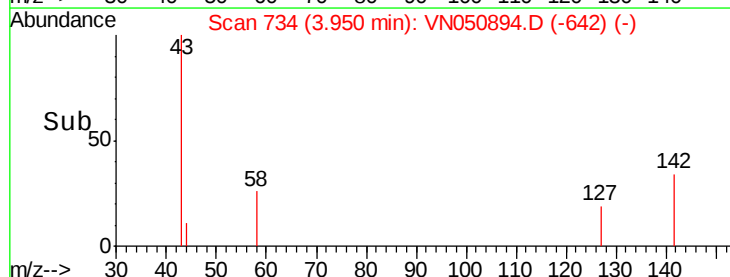


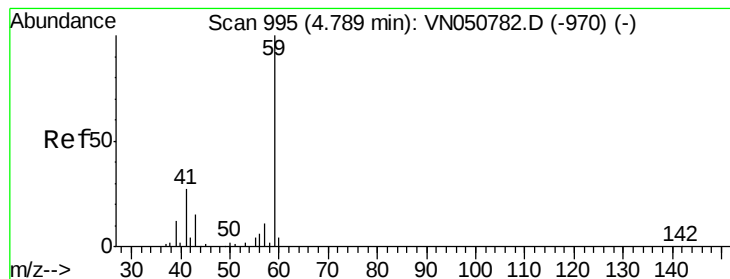
Abundance Ion 141.80 (141.50 to 142.50): VN050894.D (-642) (-)

Ion 126.80 (126.50 to 127.50): VN050894.D (-642) (-)

Ion 140.80 (140.50 to 141.50): VN050894.D (-642) (-)

Time-->



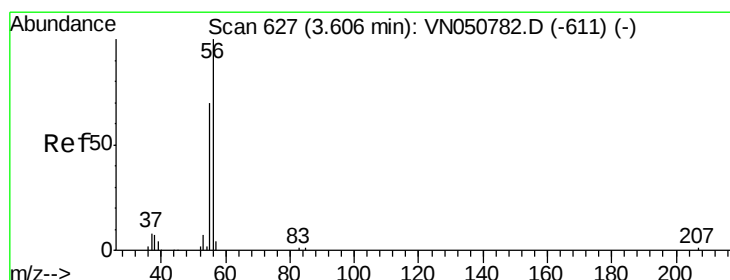
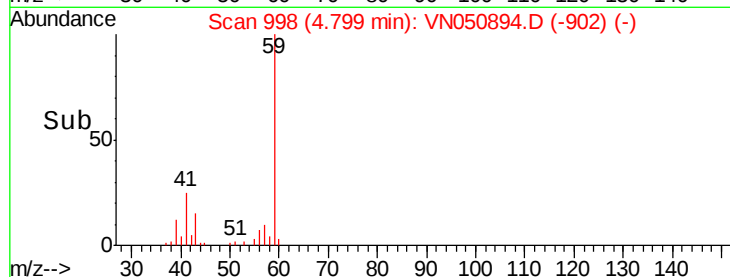
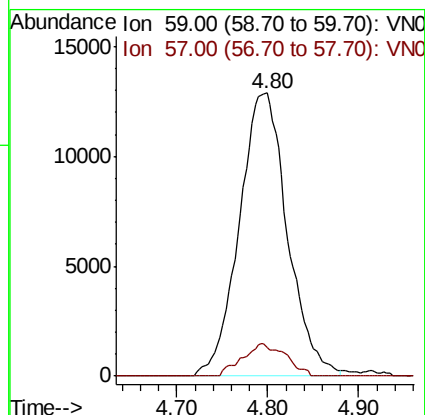
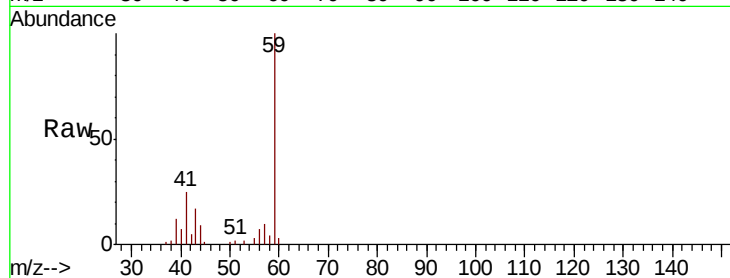


#11

Tert butyl alcohol
 Concen: 96.74 ug/l
 RT: 4.80 min Scan# 998
 Delta R.T. 0.01 min
 Lab File: VN050894.D
 Acq: 27 Aug 2018 13:19

Instrument :
 MSVOA_N
 ClientSampled :
 OILY-WATER

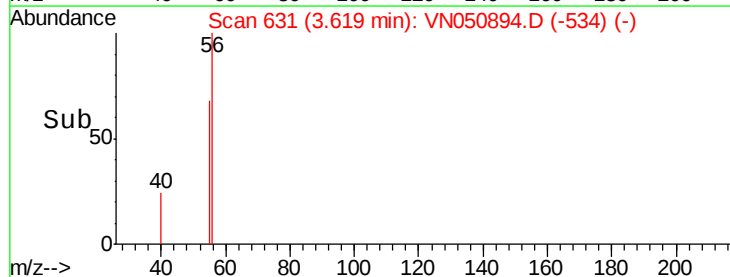
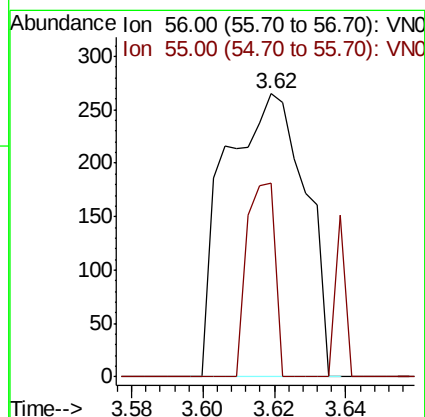
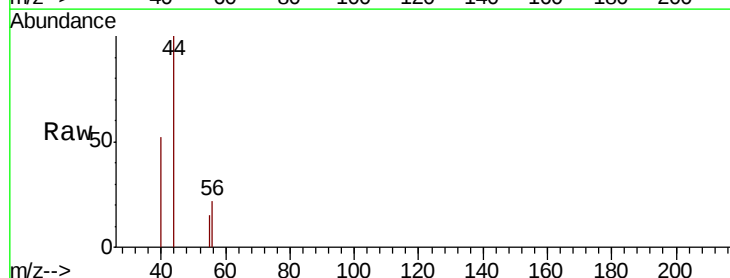
Tot Ion: 59 Resp: 47382
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

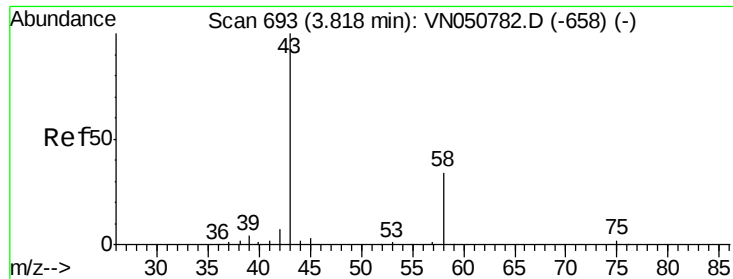


#13

Acrolein
 Concen: 19.25 ug/l
 RT: 3.62 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: VN050894.D
 Acq: 27 Aug 2018 13:19

Tgt Ion: 56 Resp: 411
 Ion Ratio Lower Upper
 56 100
 55 24.1 57.7 86.5#





#16

Acetone

Concen: 144.92 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050894.D

Acq: 27 Aug 2018 13:19

Instrument :

MSVOA_N

ClientSampled :

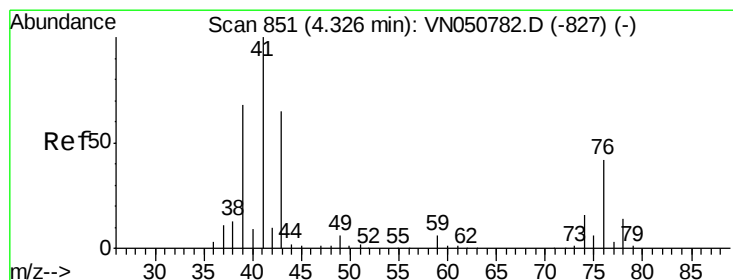
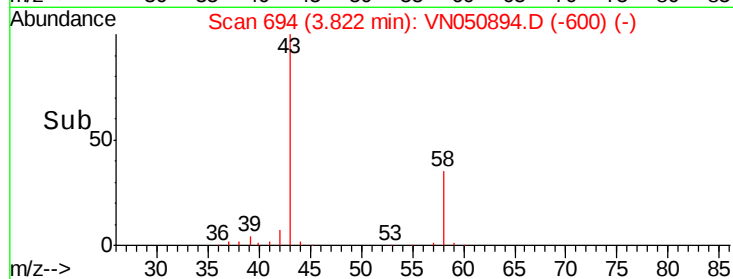
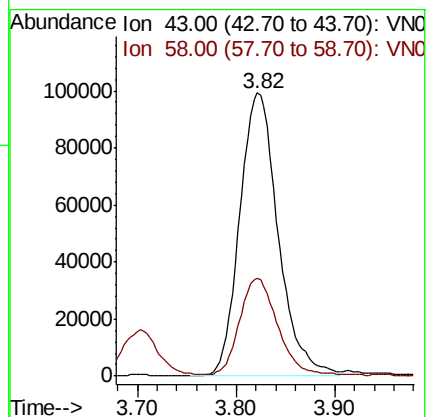
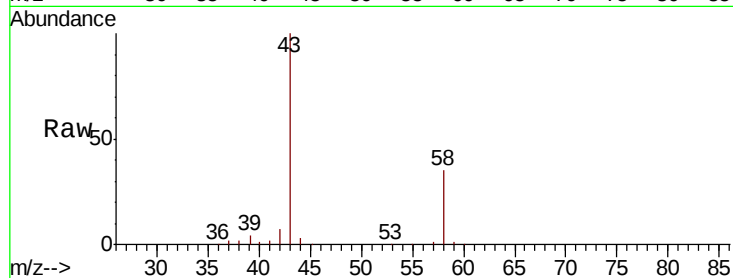
OILY-WATER

Tot Ion: 43 Resp: 269365

Ion Ratio Lower Upper

43 100

58 34.0 27.2 40.8



#18

Methyl Acetate

Concen: 0.98 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN050894.D

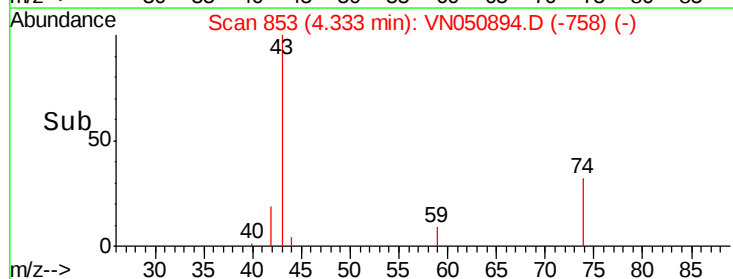
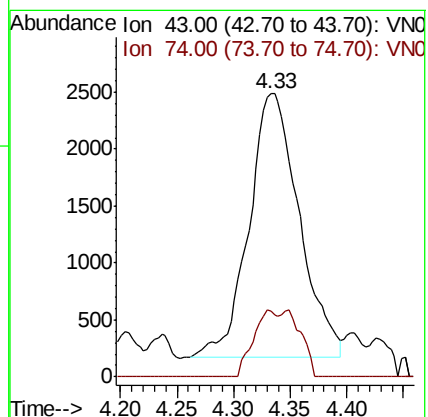
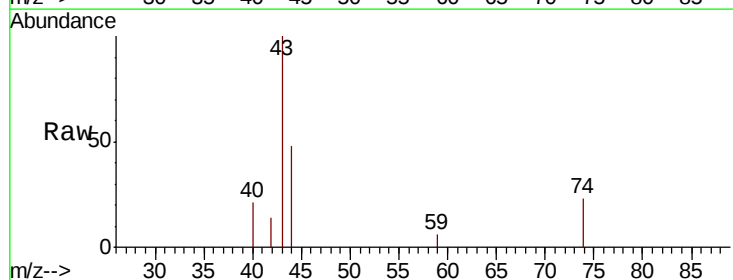
Acq: 27 Aug 2018 13:19

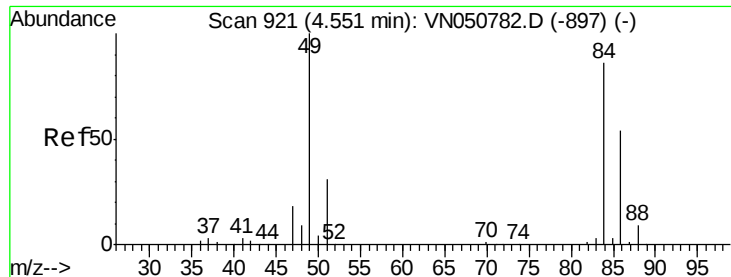
Tgt Ion: 43 Resp: 7114

Ion Ratio Lower Upper

43 100

74 12.3 19.8 29.8#

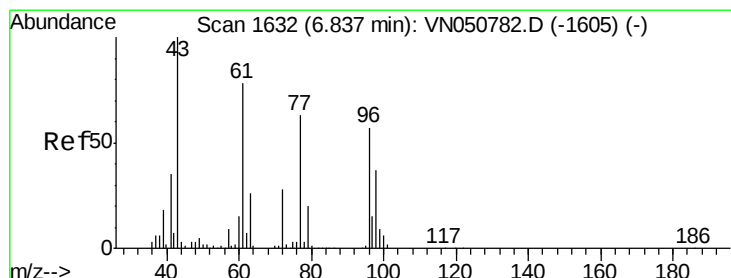
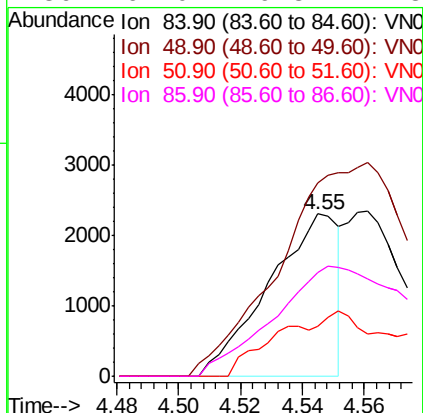
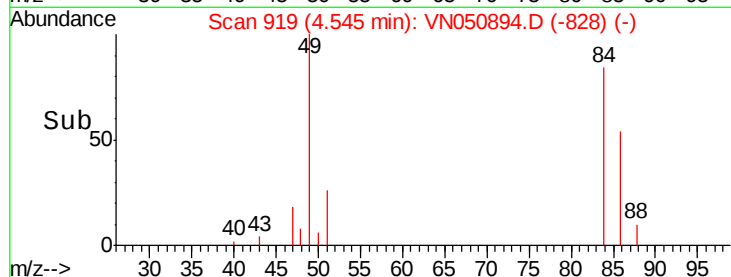
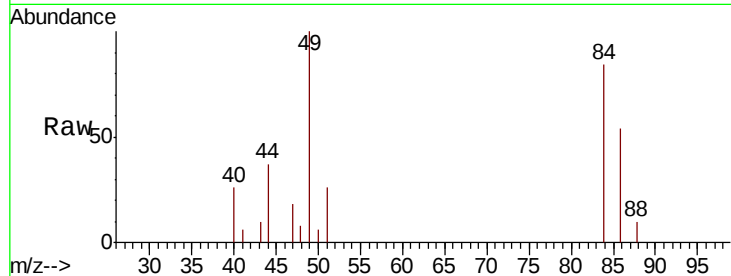




#20
Methvlene Chloride
Concen: 0.42 ug/l
RT: 4.55 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN050894.D
Acq: 27 Aug 2018 13:19

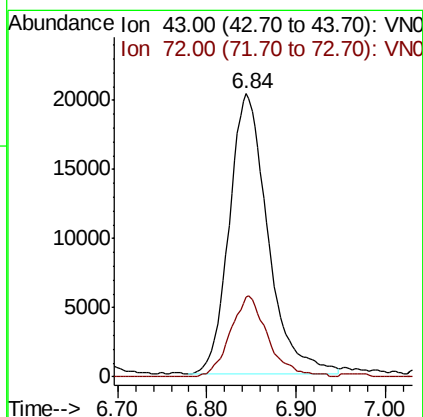
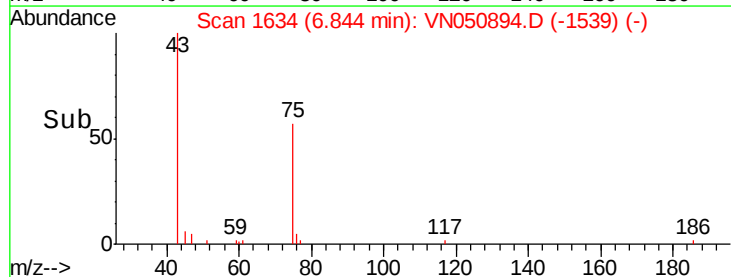
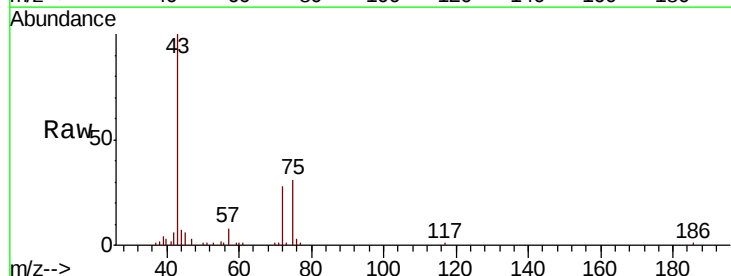
Instrument :
MSVOA_N
ClientSampled :
OILY-WATER

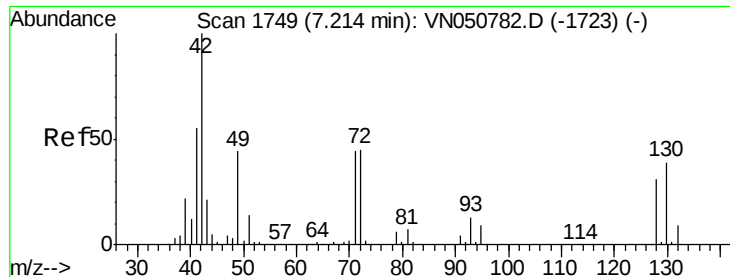
Tot Ion: 84 Resp: 3602
Ion Ratio Lower Upper
84 100
49 118.8 93.2 139.8
51 30.5 29.0 43.6
86 64.0 49.8 74.8



#25
2-Butanone
Concen: 19.78 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.01 min
Lab File: VN050894.D
Acq: 27 Aug 2018 13:19

Tgt Ion: 43 Resp: 61304
Ion Ratio Lower Upper
43 100
72 28.3 22.3 33.5





#29

Tetrahydrofuran

Concen: 0.50 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VN050894.D

Acq: 27 Aug 2018 13:19

Instrument :

MSVOA_N

ClientSampled :

OILY-WATER

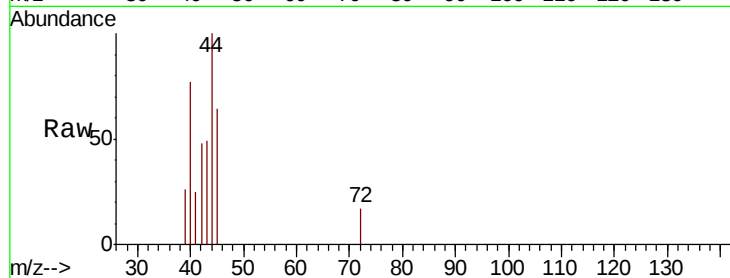
Tot Ion: 42 Resp: 892

Ion Ratio Lower Upper

42 100

72 3.3 35.5 53.3#

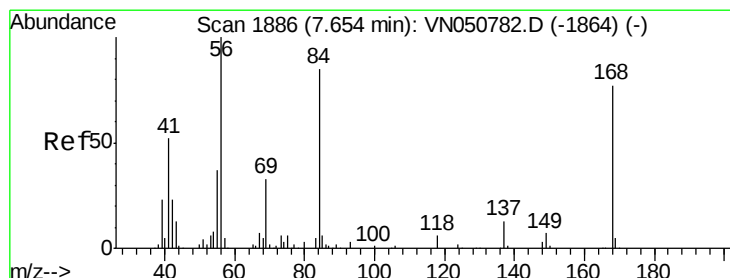
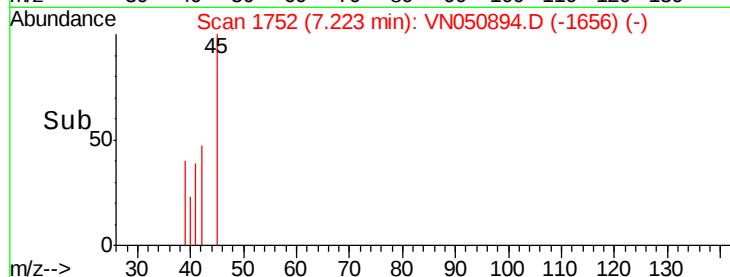
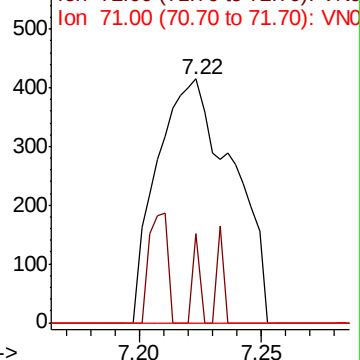
71 0.0 33.7 50.5#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 1.29 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050894.D

Acq: 27 Aug 2018 13:19

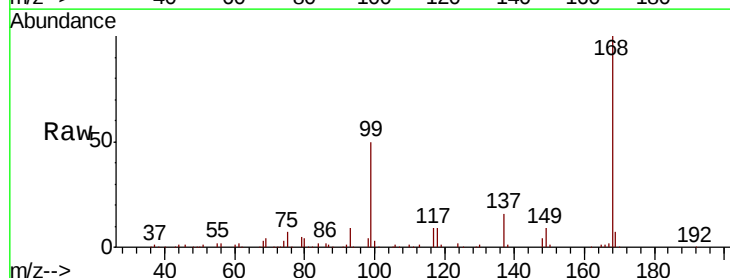
Tgt Ion: 56 Resp: 10902

Ion Ratio Lower Upper

56 100

69 205.0 26.2 39.4#

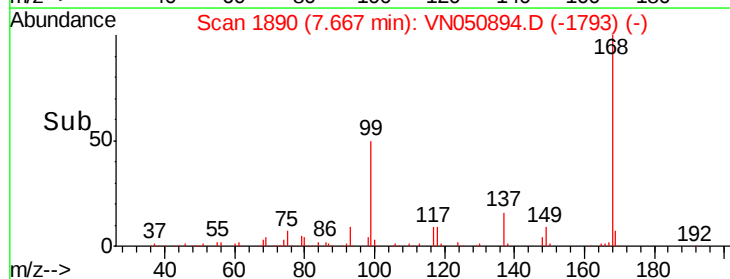
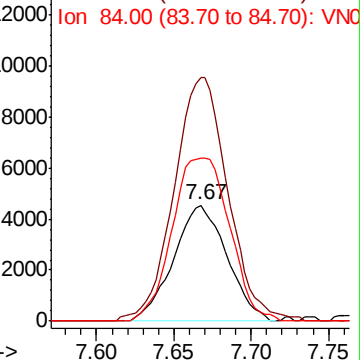
84 140.3 68.3 102.5#

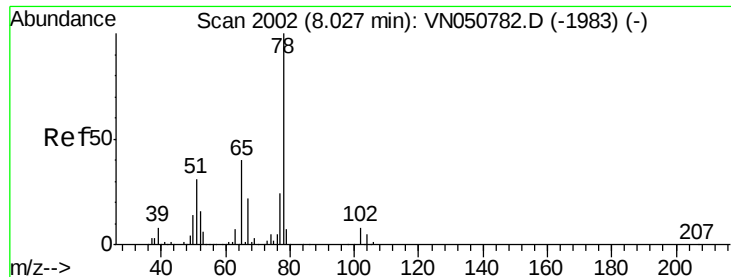


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 51.75 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050894.D

Acq: 27 Aug 2018 13:19

Instrument :

MSVOA_N

ClientSampleId :

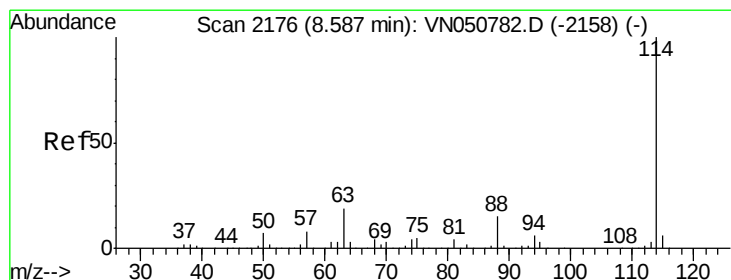
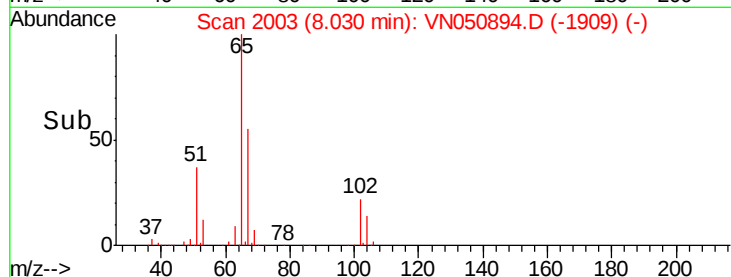
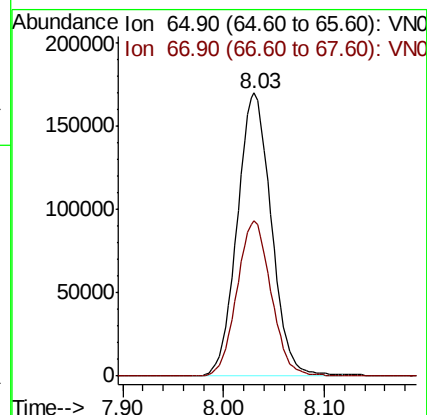
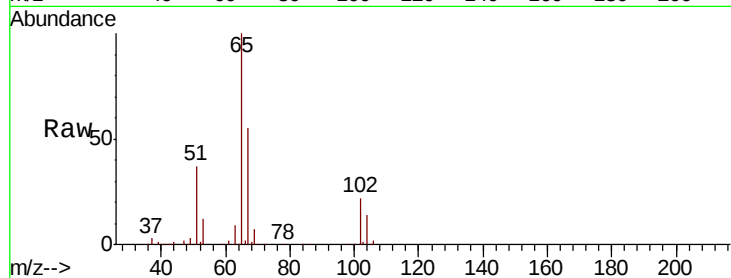
OILY-WATER

Tot Ion: 65 Resp: 398041

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN050894.D

Acq: 27 Aug 2018 13:19

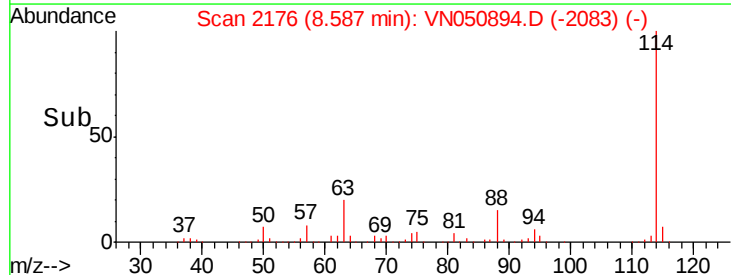
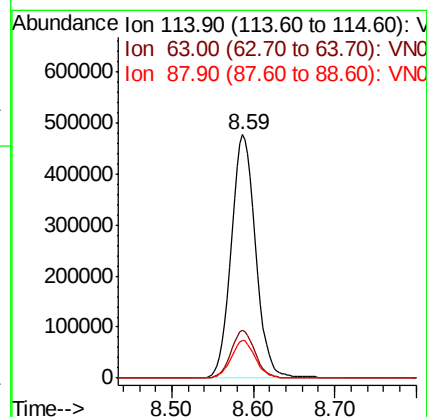
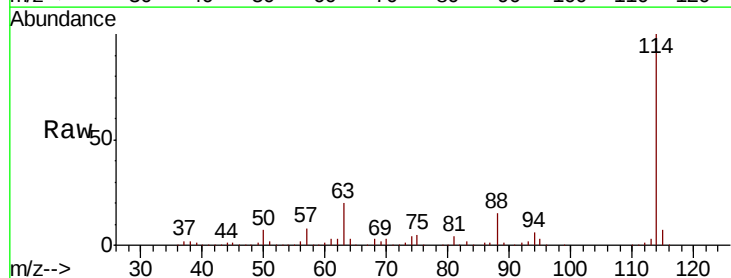
Tgt Ion: 114 Resp: 1009617

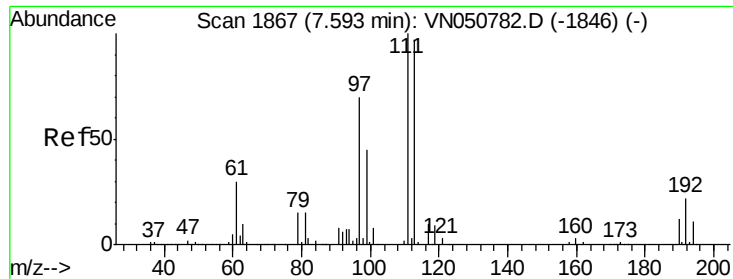
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.6

88 15.4 0.0 30.6

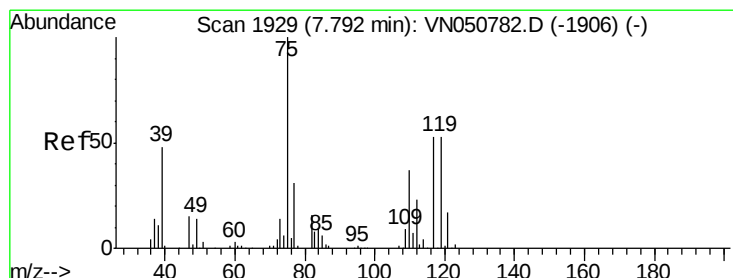
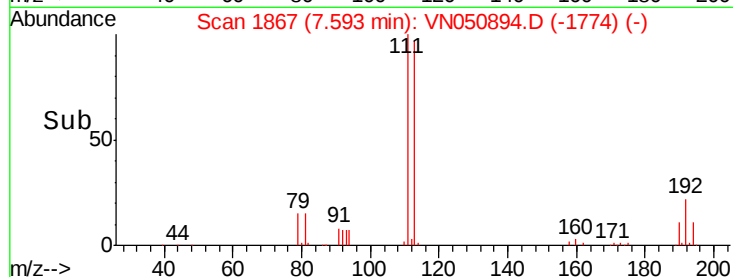
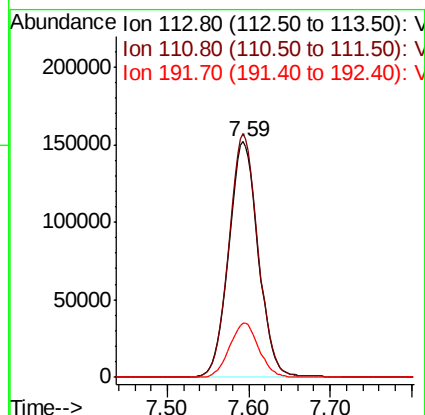
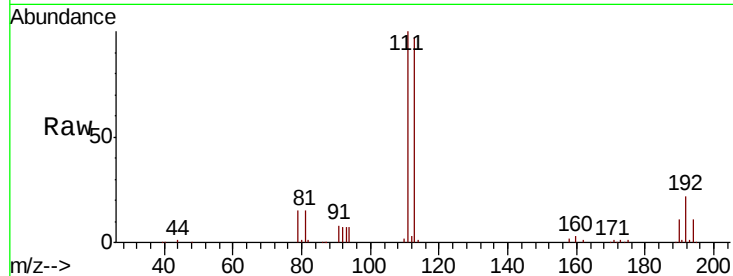




#35
 Dibromofluoromethane
 Concen: 48.07 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050894.D
 Acq: 27 Aug 2018 13:19

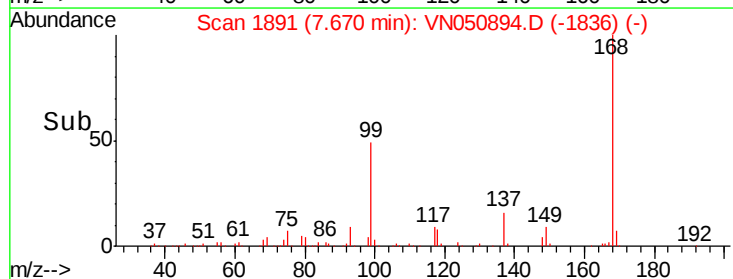
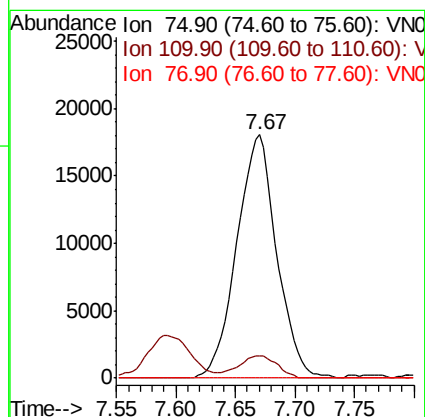
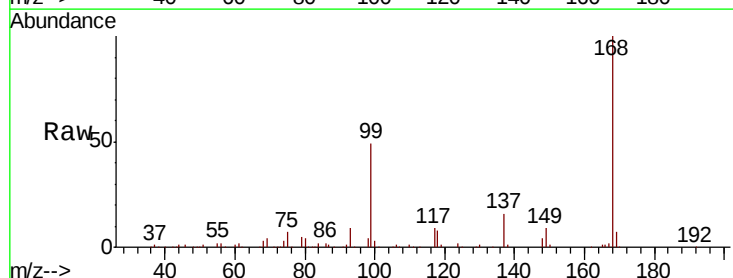
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-WATER

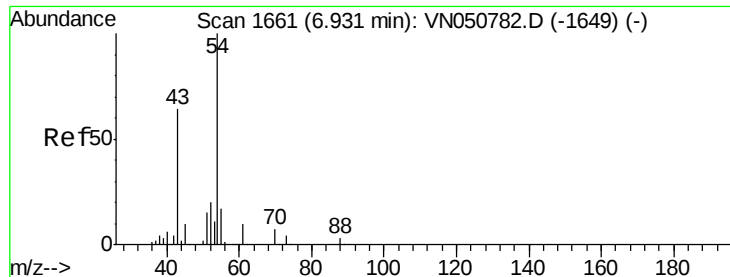
Tot Ion:113 Resp: 386119
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.6 123.8
 192 22.8 18.0 27.0



#36
 1,1-Dichloropropene
 Concen: 3.52 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.12 min
 Lab File: VN050894.D
 Acq: 27 Aug 2018 13:19

Tgt Ion: 75 Resp: 41955
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.1 54.4#
 77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 8.96 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. -0.09 min

Lab File: VN050894.D

Acq: 27 Aug 2018 13:19

Instrument :

MSVOA_N

ClientSampled :

OILY-WATER

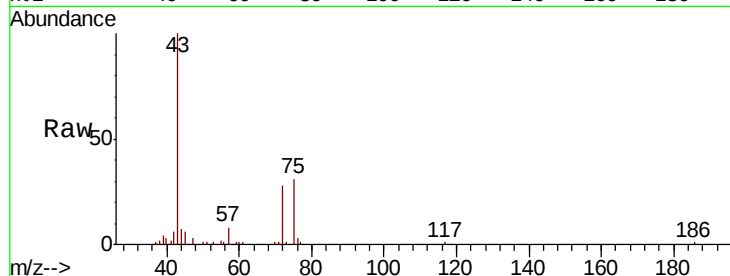
Tot Ion: 43 Resp: 61304

Ion Ratio Lower Upper

43 100

61 0.7 12.0 18.0#

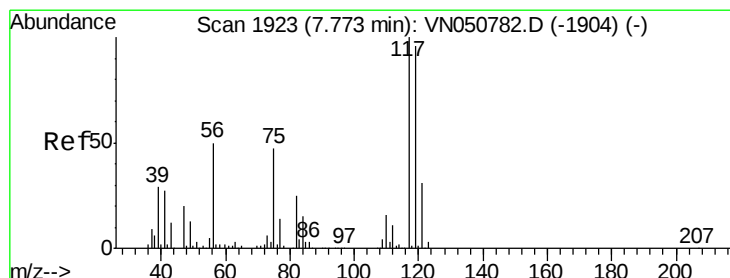
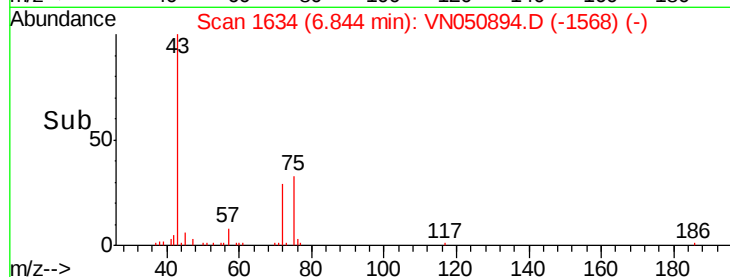
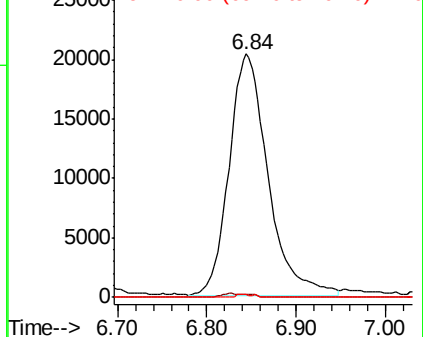
70 0.5 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0



#38

Carbon Tetrachloride

Concen: 4.69 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN050894.D

Acq: 27 Aug 2018 13:19

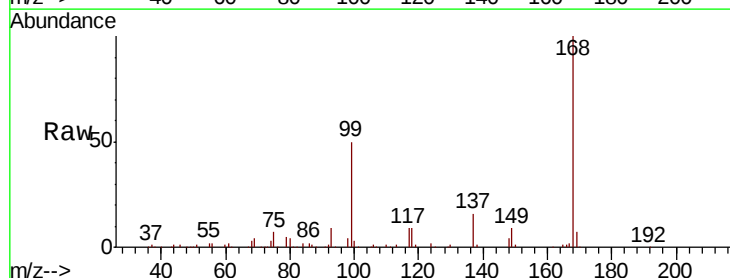
Tgt Ion: 117 Resp: 56434

Ion Ratio Lower Upper

117 100

119 6.9 76.3 114.5#

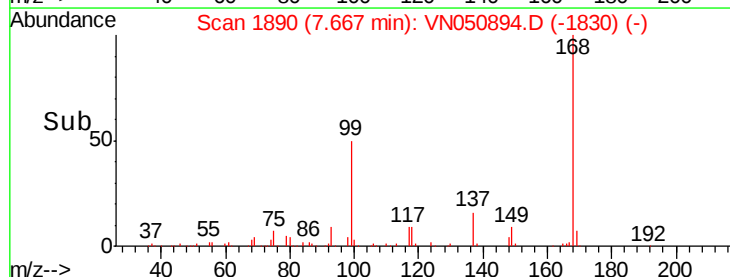
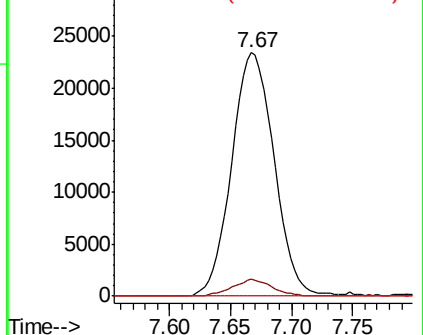
121 0.0 24.6 36.8#

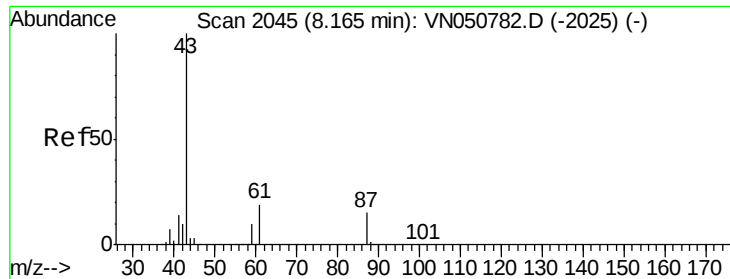


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 9.93 ug/l

RT: 8.28 min Scan# 2080

Delta R.T. 0.11 min

Lab File: VN050894.D

Acq: 27 Aug 2018 13:19

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER

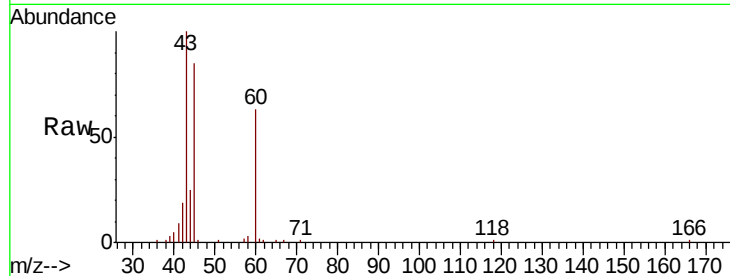
Tot Ion: 43 Resp: 116819

Ion Ratio Lower Upper

43 100

61 0.0 17.5 26.3#

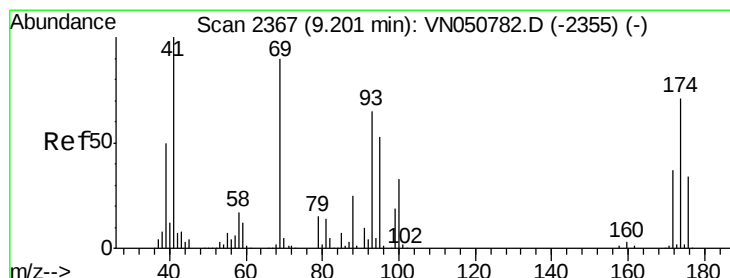
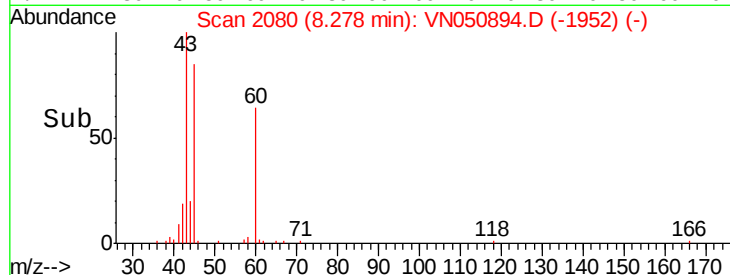
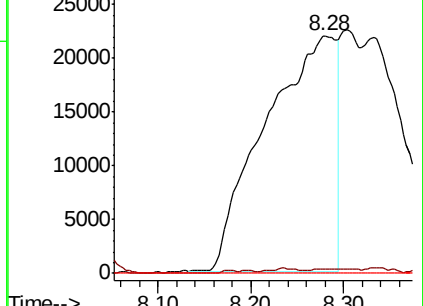
87 0.0 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#48

Methyl methacrylate

Concen: 4.37 ug/l

RT: 9.17 min Scan# 2357

Delta R.T. -0.03 min

Lab File: VN050894.D

Acq: 27 Aug 2018 13:19

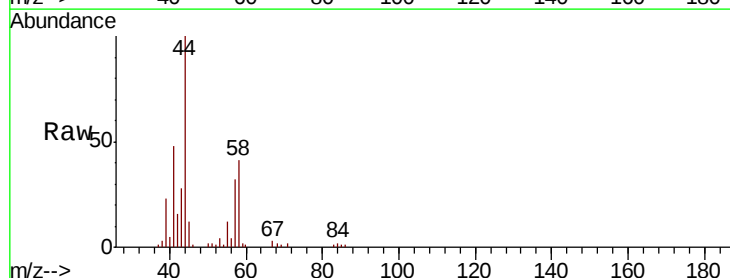
Tgt Ion: 41 Resp: 26208

Ion Ratio Lower Upper

41 100

69 1.1 74.7 112.1#

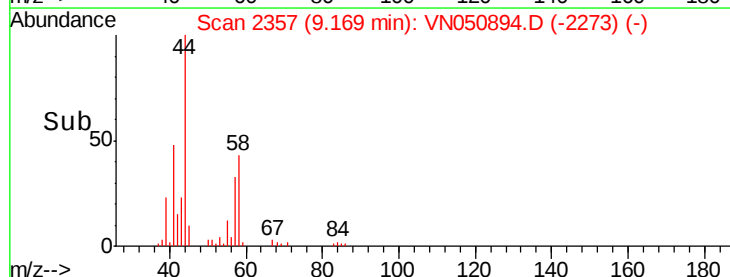
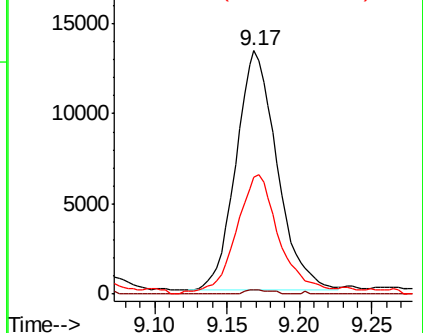
39 52.5 42.2 63.2

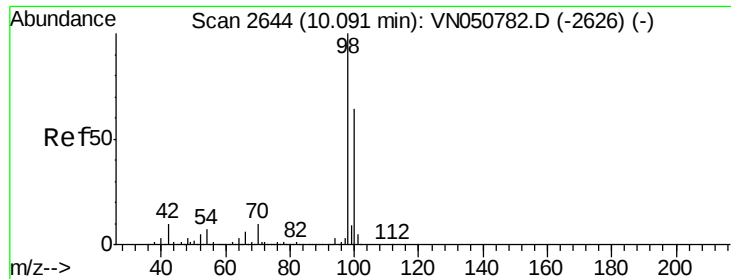


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

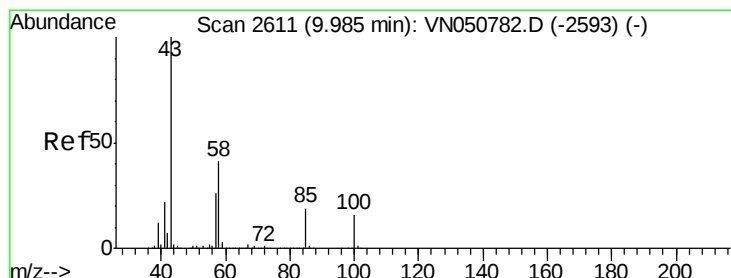
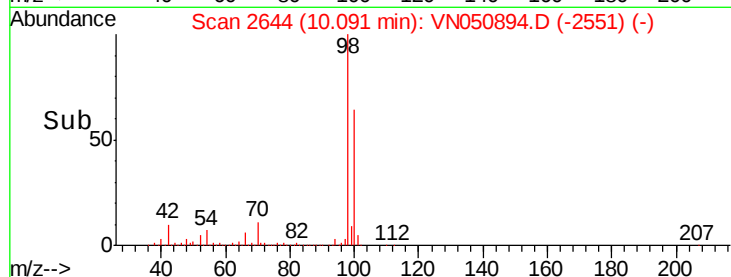
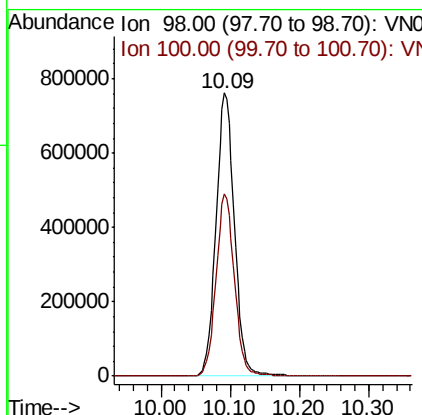
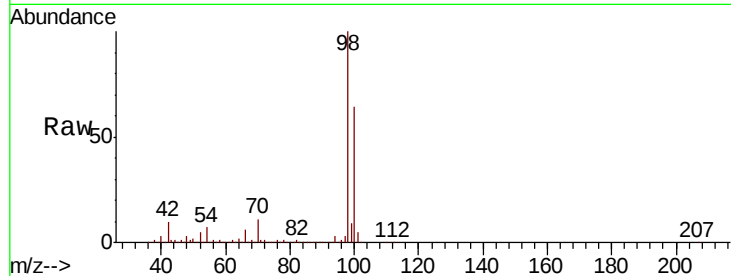




#50
Toluene-d8
Concen: 46.71 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050894.D
Acq: 27 Aug 2018 13:19

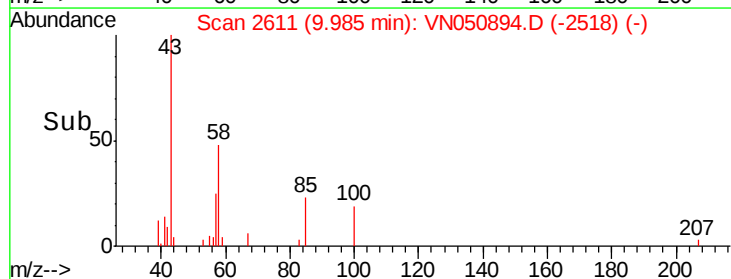
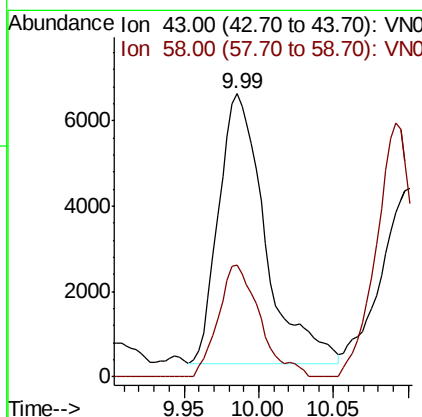
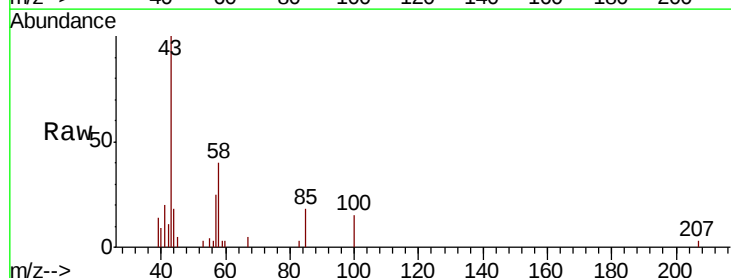
Instrument :
MSVOA_N
ClientSampled :
OILY-WATER

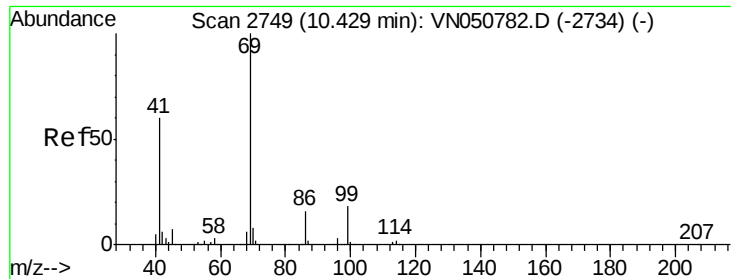
Tot Ion: 98 Resp: 1402687
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 1.96 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. 0.00 min
Lab File: VN050894.D
Acq: 27 Aug 2018 13:19

Tgt Ion: 43 Resp: 13750
Ion Ratio Lower Upper
43 100
58 37.1 32.4 48.6





#56

Ethyl methacrylate

Concen: 2.91 ug/l

RT: 10.37 min Scan# 2731

Delta R.T. -0.06 min

Lab File: VN050894.D

Acq: 27 Aug 2018 13:19

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER

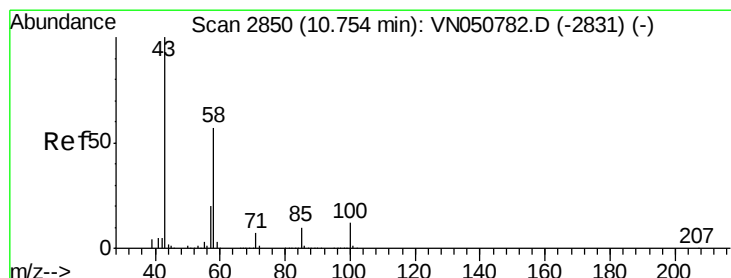
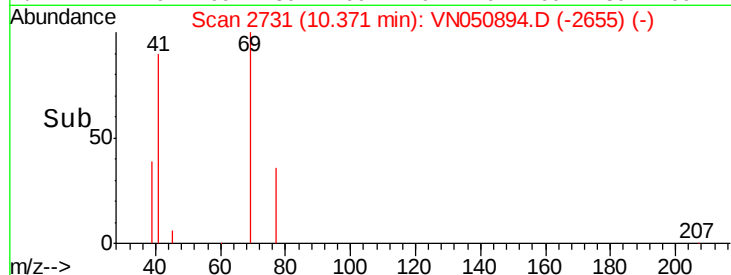
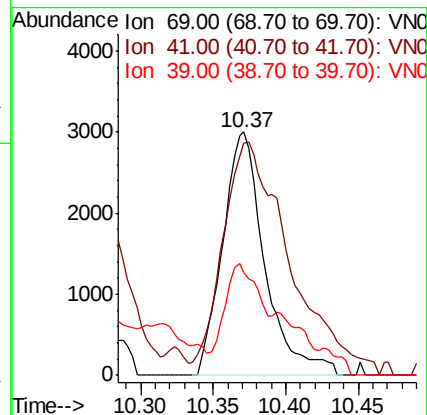
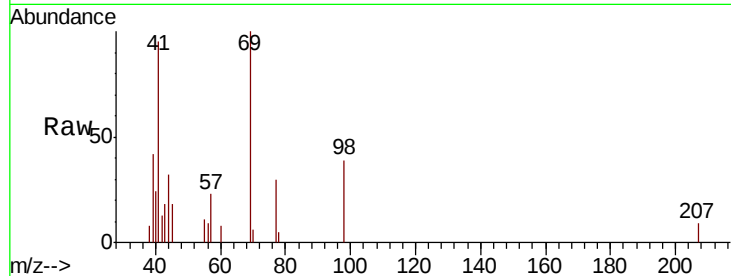
Tot Ion: 69 Resp: 6070

Ion Ratio Lower Upper

69 100

41 153.4 48.3 72.5#

39 29.3 24.0 36.0



#59

2-Hexanone

Concen: 4.48 ug/l

RT: 10.75 min Scan# 2850

Delta R.T. 0.00 min

Lab File: VN050894.D

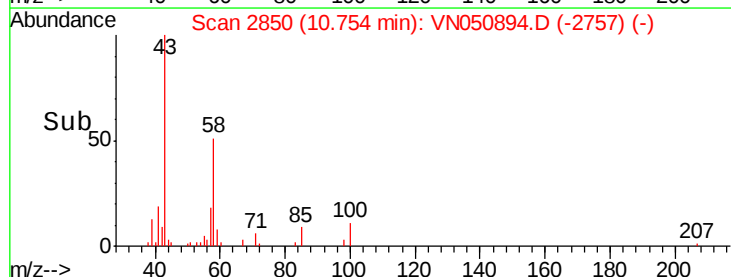
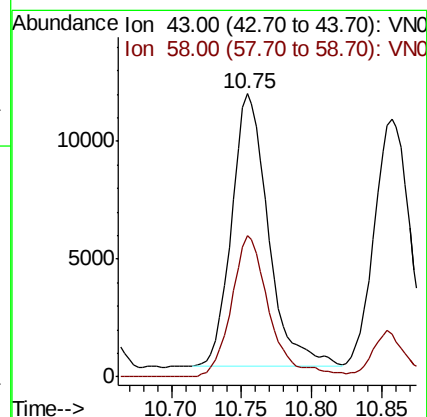
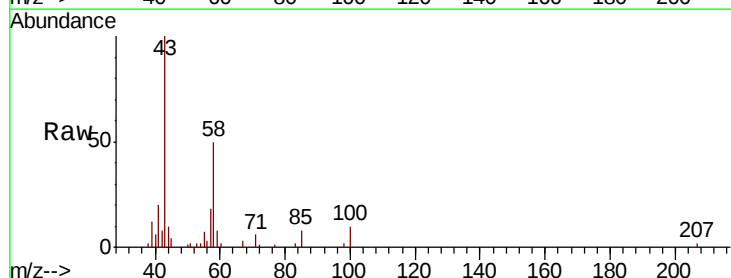
Acq: 27 Aug 2018 13:19

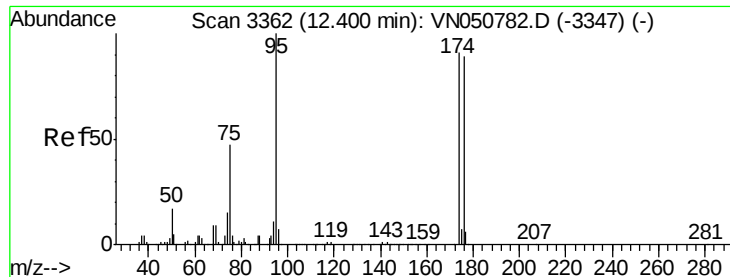
Tgt Ion: 43 Resp: 20934

Ion Ratio Lower Upper

43 100

58 53.8 28.3 85.0





#62

4-Bromofluorobenzene

Concen: 40.76 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050894.D

Acq: 27 Aug 2018 13:19

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER

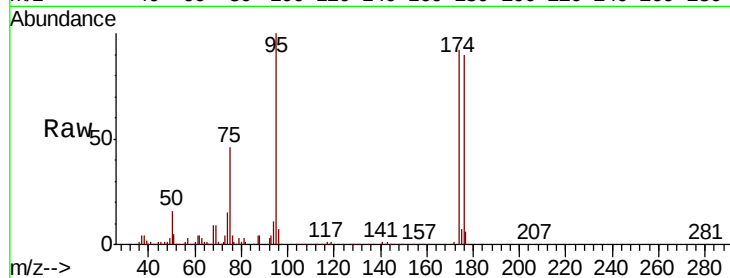
Tot Ion: 95 Resp: 406713

Ion Ratio Lower Upper

95 100

174 92.0 0.0 183.0

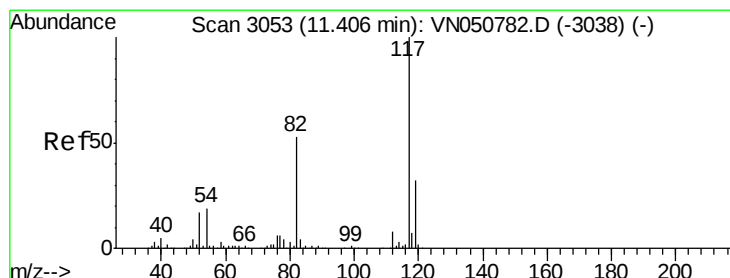
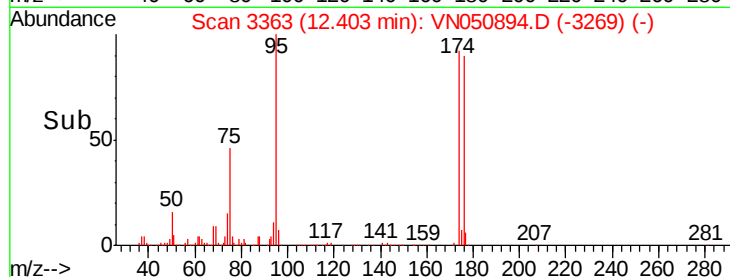
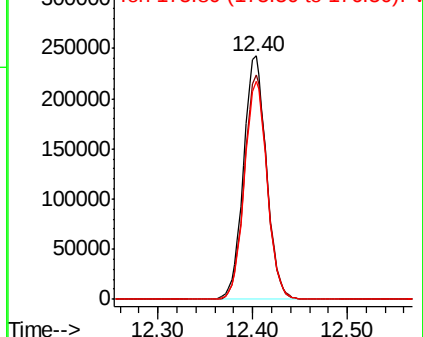
176 88.9 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN050782.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN050782.D (-3347) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050894.D

Acq: 27 Aug 2018 13:19

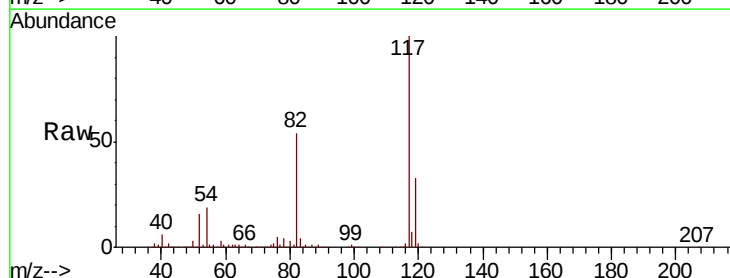
Tgt Ion: 117 Resp: 865742

Ion Ratio Lower Upper

117 100

82 54.4 42.6 64.0

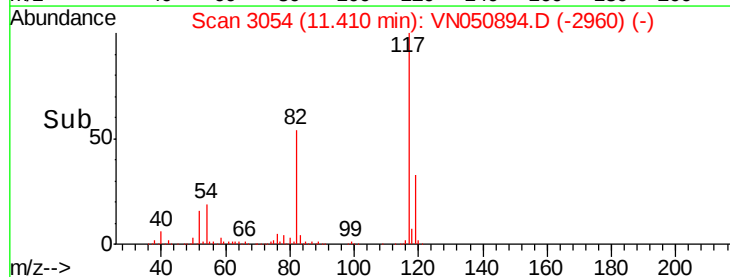
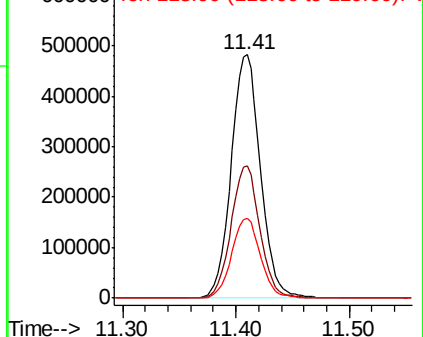
119 32.8 25.8 38.6

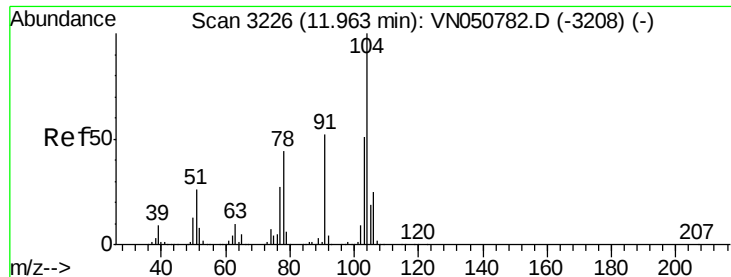


Abundance Ion 116.90 (116.60 to 117.60): VN050782.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050782.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050782.D (-3038) (-)

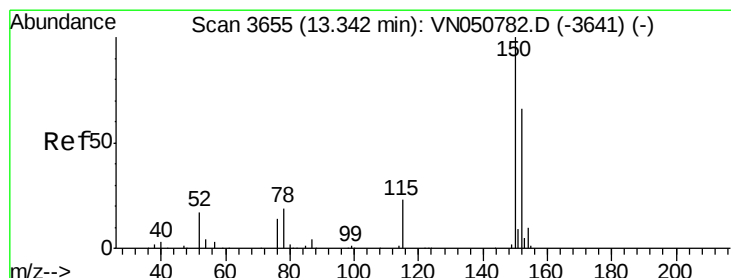
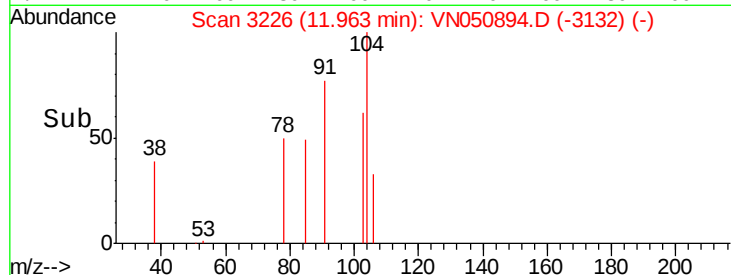
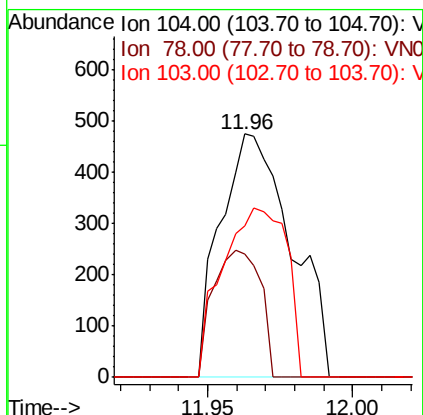
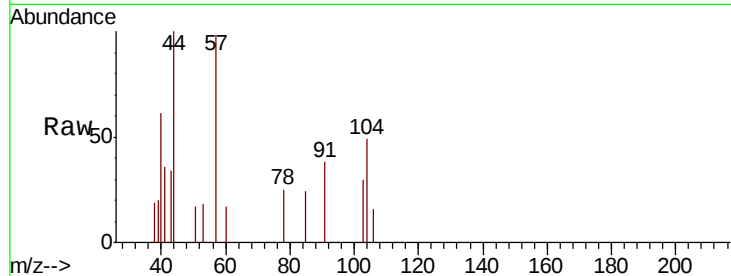




#70
Stvrene
Concen: 1.30 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050894.D
Acq: 27 Aug 2018 13:19

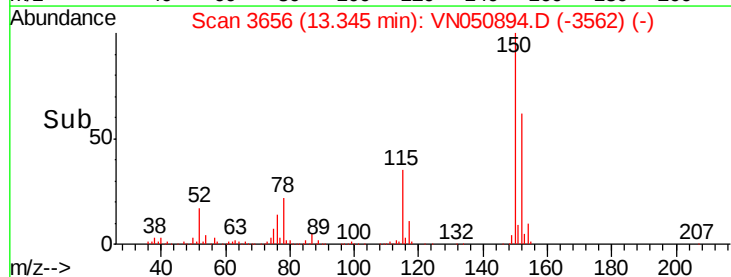
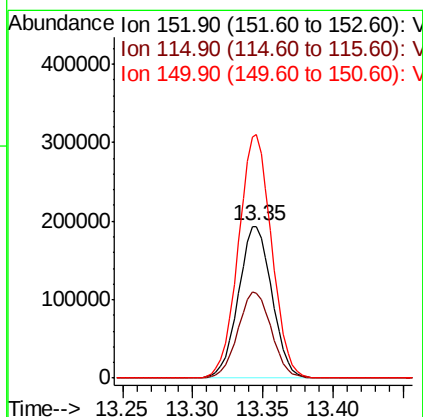
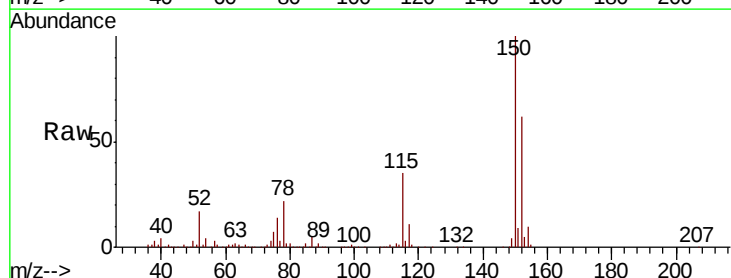
Instrument :
MSVOA_N
ClientSampled :
OILY-WATER

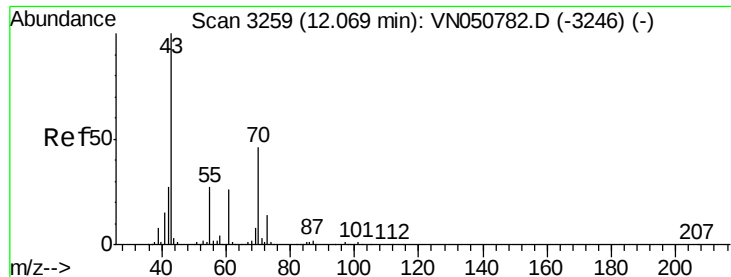
Tot Ion:104 Resp: 812
Ion Ratio Lower Upper
104 100
78 34.4 38.2 57.4#
103 62.8 44.4 66.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050894.D
Acq: 27 Aug 2018 13:19

Tgt Ion:152 Resp: 321966
Ion Ratio Lower Upper
152 100
115 56.7 27.8 83.4
150 158.2 0.0 351.4





#74

N-amvl acetate

Concen: 2.11 ug/l

RT: 12.03 min Scan# 3246

Delta R.T. -0.04 min

Lab File: VN050894.D

Acq: 27 Aug 2018 13:19

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER

Tot Ion: 43 Resp: 14158

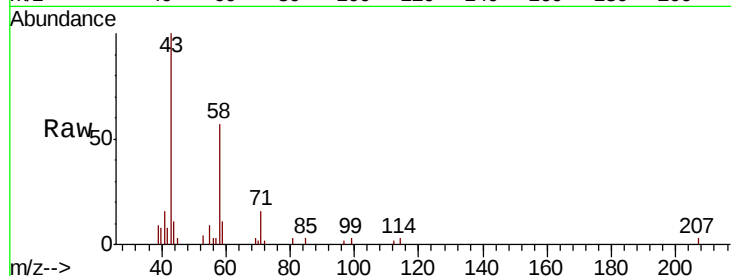
Ion Ratio Lower Upper

43 100

70 0.0 36.2 54.2#

55 8.7 21.8 32.8#

61 0.0 20.5 30.7#

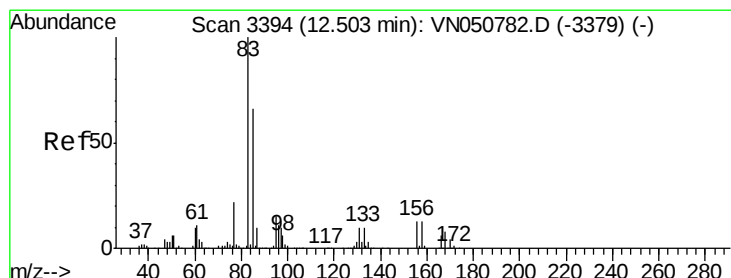
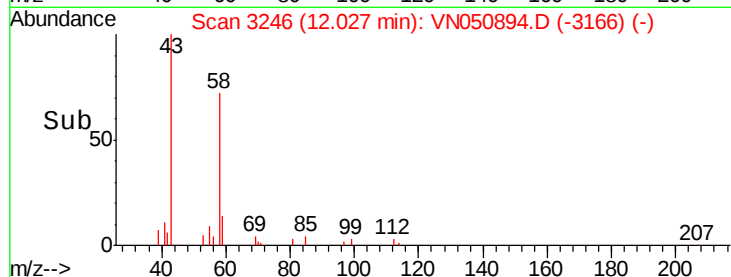
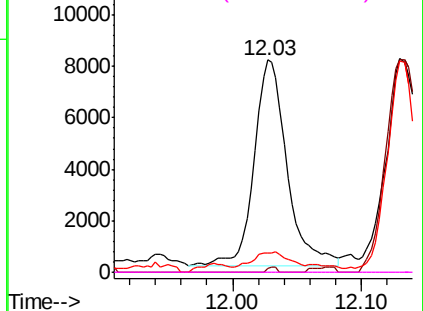


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VN050894.D

Acq: 27 Aug 2018 13:19

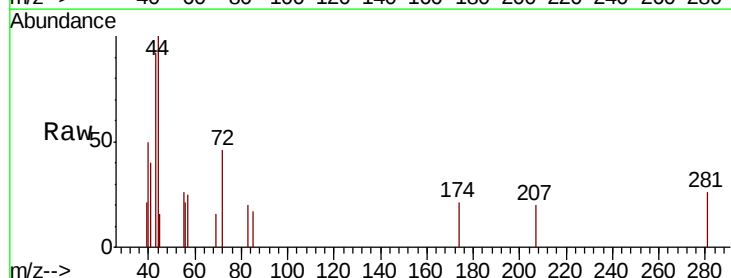
Tgt Ion: 83 Resp: 150

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

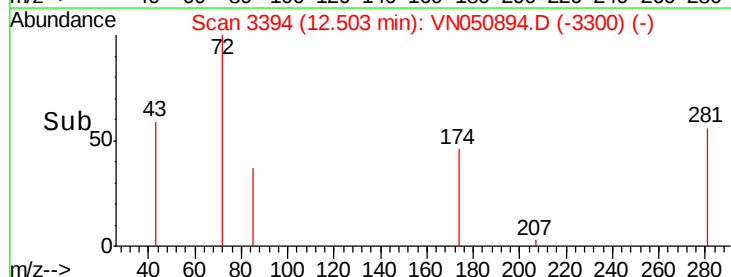
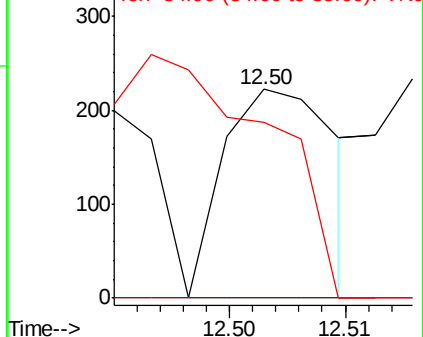
85 0.0 31.9 95.7#

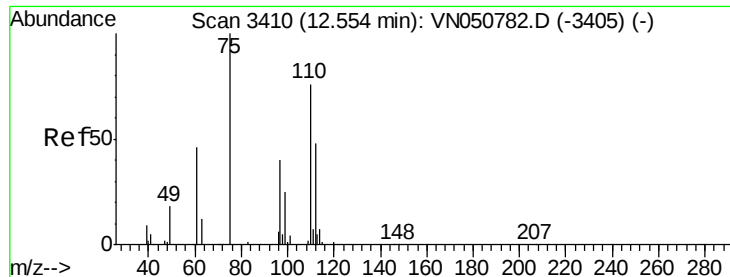


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 33.25 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050894.D

Acq: 27 Aug 2018 13:19

Instrument :

MSVOA_N

ClientSampleId :

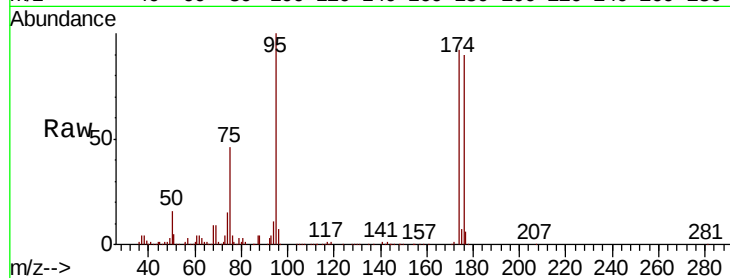
OILY-WATER

Tot Ion: 75 Resp: 187492

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

120000

100000

80000

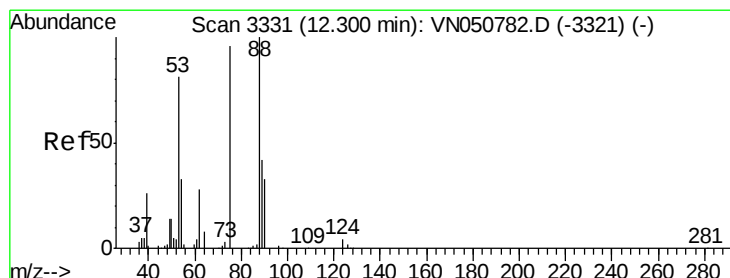
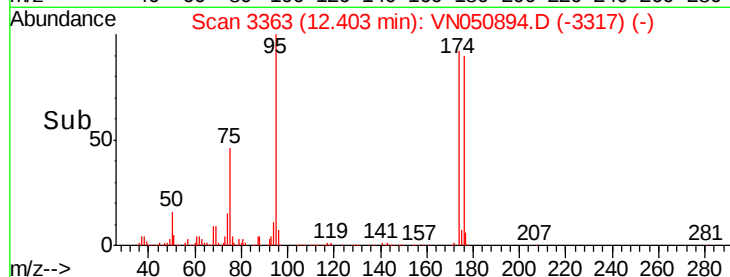
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 112.40 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050894.D

Acq: 27 Aug 2018 13:19

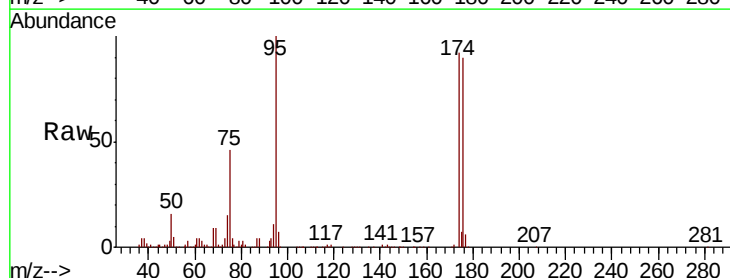
Tgt Ion: 75 Resp: 187492

Ion Ratio Lower Upper

75 100

53 0.2 68.9 103.3#

89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

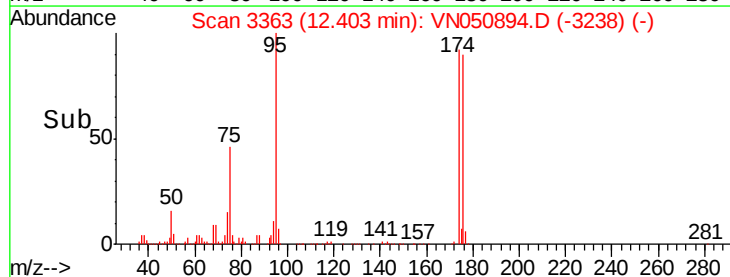
150000

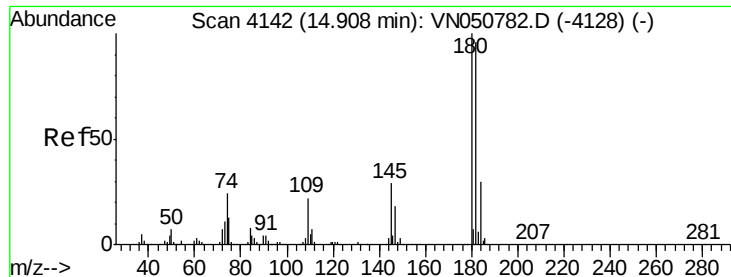
100000

50000

0

Time-->





#93

1,2,4-Trichlorobenzene

Concen: 4.25 ua/l

RT: 14.91 min Scan# 4143

Delta R.T. 0.00 min

Lab File: VN050894.D

Acq: 27 Aug 2018 13:19

Instrument :

MSVOA_N

ClientSampled :

OILY-WATER

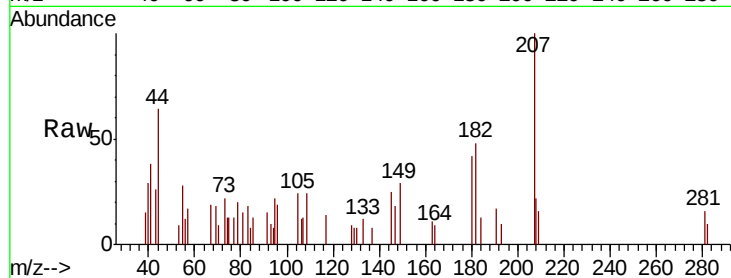
Tot Ion:180 Resp: 1153

Ion Ratio Lower Upper

180 100

182 127.6 48.2 144.6

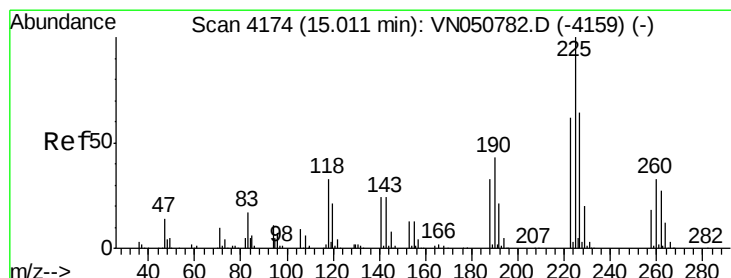
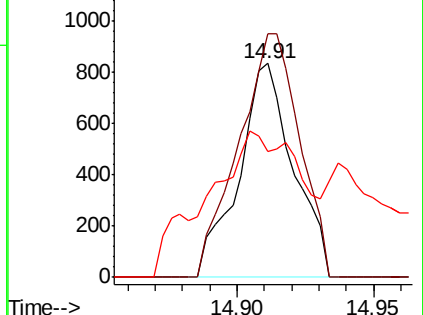
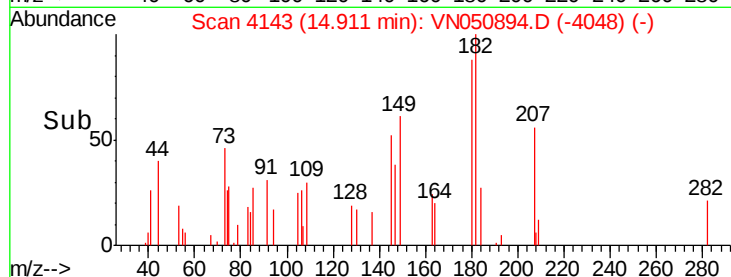
145 119.5 14.1 42.2#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4175

Delta R.T. 0.00 min

Lab File: VN050894.D

Acq: 27 Aug 2018 13:19

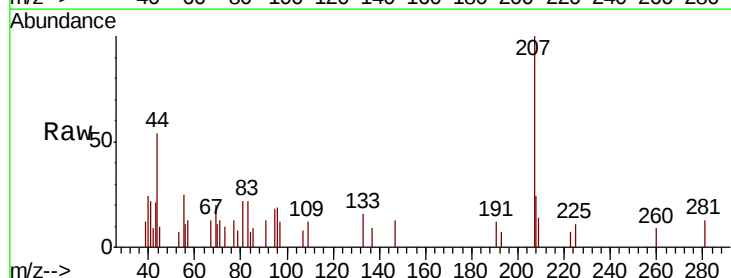
Tgt Ion:225 Resp: 304

Ion Ratio Lower Upper

225 100

223 20.1 31.3 93.8#

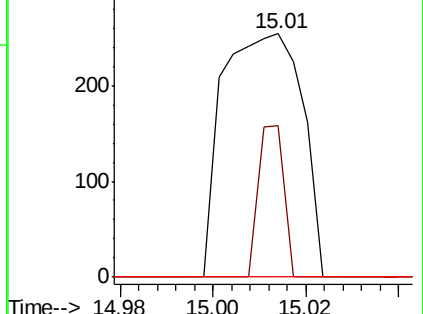
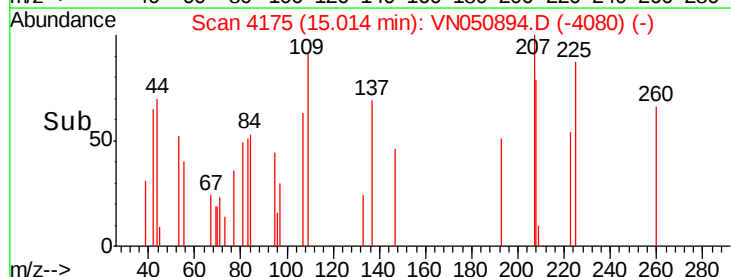
227 0.0 32.0 96.2#

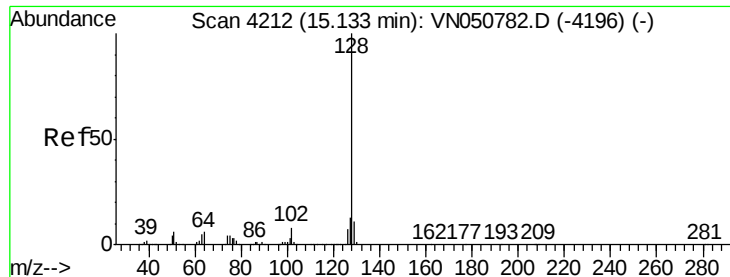


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 8.34 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050894.D

Acq: 27 Aug 2018 13:19

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER

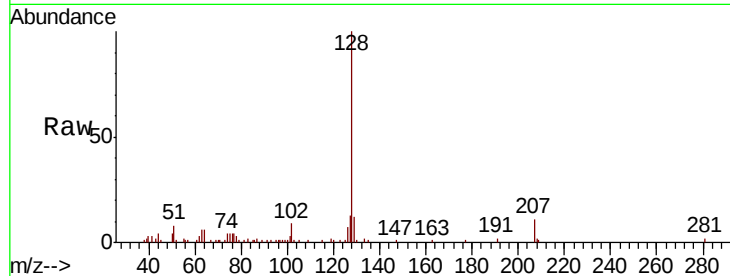
Tot Ion:128 Resp: 42421

Ion Ratio Lower Upper

128 100

127 14.2 10.5 15.7

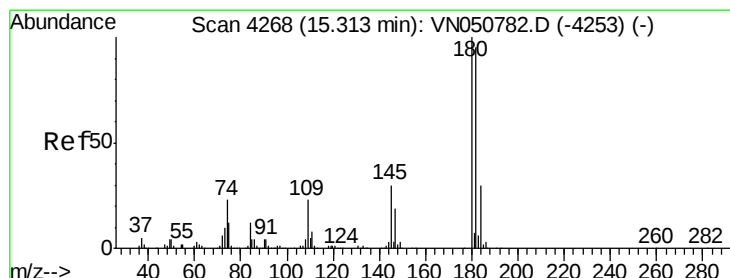
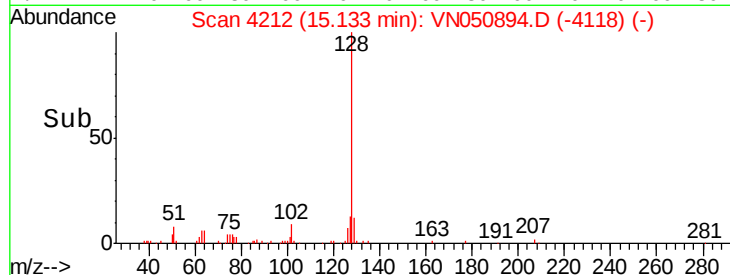
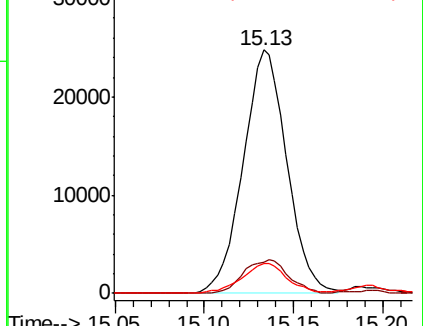
129 12.6 8.7 13.1



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: 3.55 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN050894.D

Acq: 27 Aug 2018 13:19

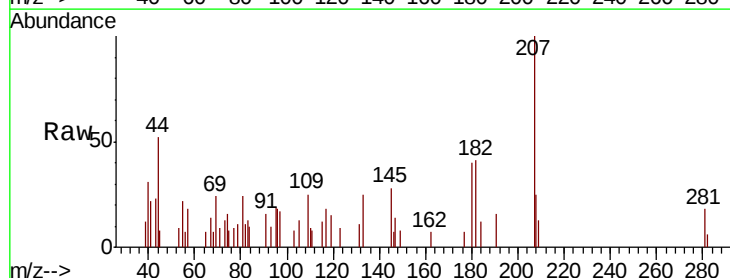
Tgt Ion:180 Resp: 1592

Ion Ratio Lower Upper

180 100

182 94.9 48.0 144.2

145 73.5 15.2 45.6#



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

