

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050092.D
 Acq On : 26 Jul 2018 19:21
 Operator : MD\SY
 Sample : J4158-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-WATER-TOTES

Quant Time: Jul 27 01:22:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	725927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1108584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	984944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	459595	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	477918	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
35) Dibromofluoromethane	7.59	113	422151	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	
50) Toluene-d8	10.09	98	1563104	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	
62) 4-Bromofluorobenzene	12.40	95	501376	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	2941	0.26	ug/l	90
5) Bromomethane	2.55	94	249	Below	Cal	94
6) Chloroethane	2.80	64	1830	0.26	ug/l #	43
11) Tert butyl alcohol	4.81	59	270882	363.49	ug/l	99
13) Acrolein	3.61	56	273	0.46	ug/l #	1
16) Acetone	3.82	43	1825201	774.16	ug/l	99
17) Carbon Disulfide	4.05	76	6650	0.26	ug/l #	90
18) Methyl Acetate	4.34	43	17549	0.27	ug/l #	80
20) Methylene Chloride	4.55	84	2046	Below	Cal	95
25) 2-Butanone	6.85	43	793138	205.30	ug/l	99
29) Tetrahydrofuran	7.20	42	2277	0.91	ug/l #	59
31) Cyclohexane	7.67	56	16491	1.12	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	50443	4.04	ug/l #	47
37) Ethyl Acetate	6.85	43	793138	91.08	ug/l #	68
38) Carbon Tetrachloride	7.67	117	65339	4.93	ug/l #	16
39) Methylcyclohexane	9.08	83	3315	0.26	ug/l #	80
41) Methacrylonitrile	7.20	41	14049	5.68	ug/l #	28
43) Isopropyl Acetate	8.23	43	145194	7.89	ug/l #	61
48) Methyl methacrylate	9.18	41	7838	1.05	ug/l #	36
49) 1,4-Dioxane	9.04	88	440	4.31	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	121540	14.20	ug/l	97
52) Toluene	10.16	92	66323	2.96	ug/l	99
56) Ethyl methacrylate	10.43	69	144	2.04	ug/l #	26
58) 2-Chloroethyl Vinyl ether	9.90	63	168	8.55	ug/l #	48
59) 2-Hexanone	10.76	43	257475	45.26	ug/l	97
68) m/p-Xylenes	11.62	106	3381	0.22	ug/l	91
69) o-Xylene	11.95	106	4029	0.28	ug/l	100
70) Styrene	11.96	104	395	0.94	ug/l #	25
71) Bromoform	12.41	173	3885	0.56	ug/l #	1
74) N-amyl acetate	12.03	43	241847	22.20	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.52	83	1035	Below	Cal #	25
76) 1,2,3-Trichloropropane	12.55	75	8677	1.02	ug/l #	100
77) Bromobenzene	12.55	156	570932	57.79	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.40	75	245908	91.32	ug/l #	13

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QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

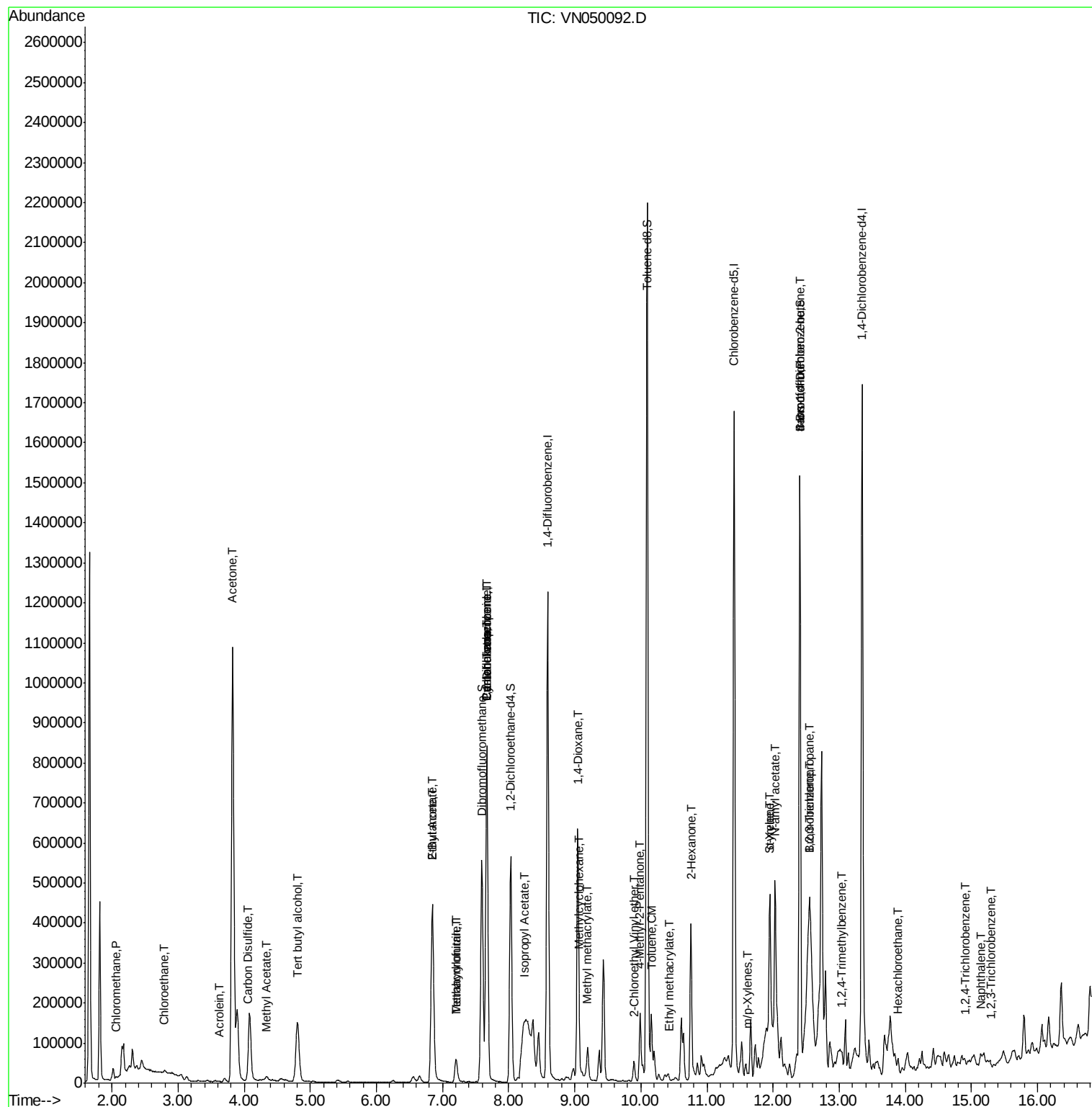
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.04	105	13135	0.46	ug/l	96
90) Hexachloroethane	13.89	117	2277	0.37	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.26	75	175	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	126	3.10	ug/l #	1
95) Naphthalene	15.14	128	23431	5.43	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.31	180	66	2.21	ug/l #	54

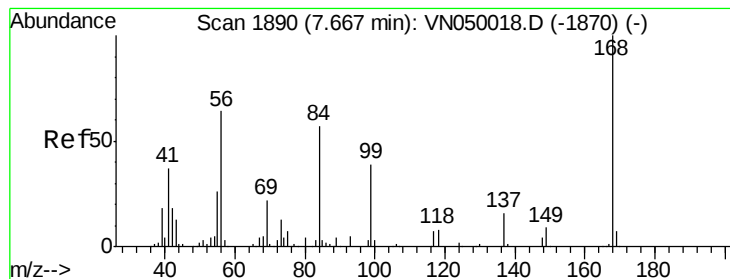
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050092.D

Acq: 26 Jul 2018 19:21

Instrument :

MSVOA_N

ClientSampleId :

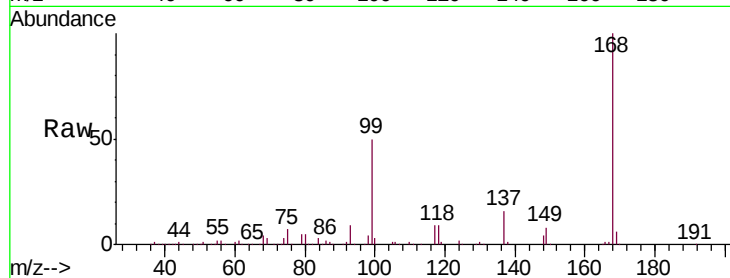
OILY-WATER-TOTES

Tot Ion:168 Resp: 725927

Ion Ratio Lower Upper

168 100

99 50.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

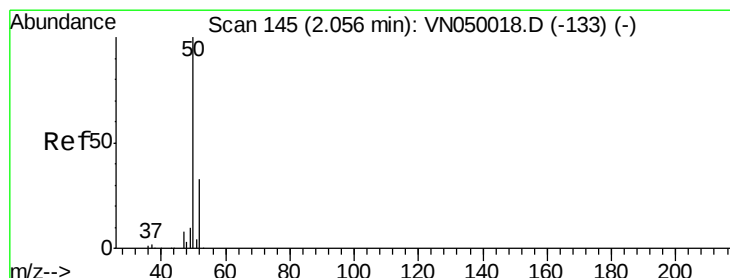
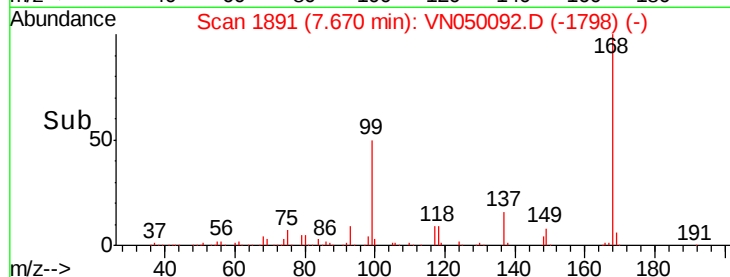
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.26 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050092.D

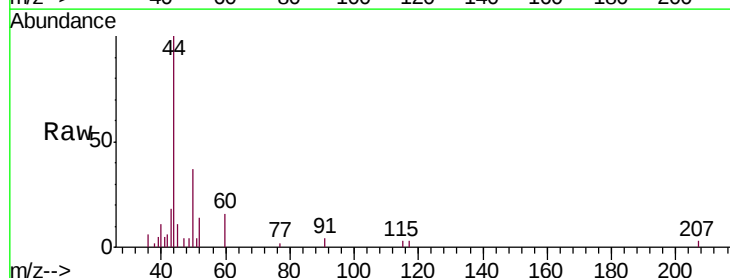
Acq: 26 Jul 2018 19:21

Tgt Ion: 50 Resp: 2941

Ion Ratio Lower Upper

50 100

52 38.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

2500

2000

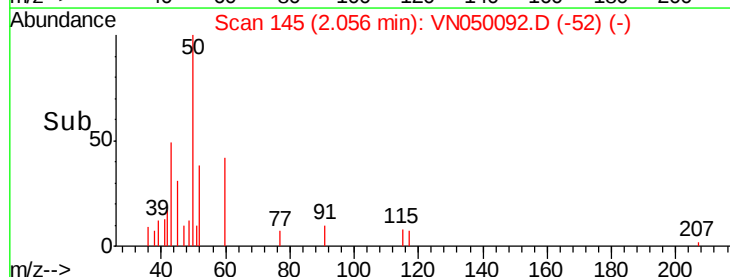
1500

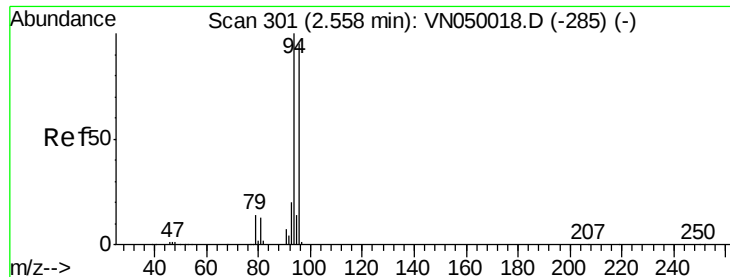
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.55 min Scan# 299

Delta R.T. 0.00 min

Lab File: VN050092.D

Acq: 26 Jul 2018 19:21

Instrument :

MSVOA_N

ClientSampleId :

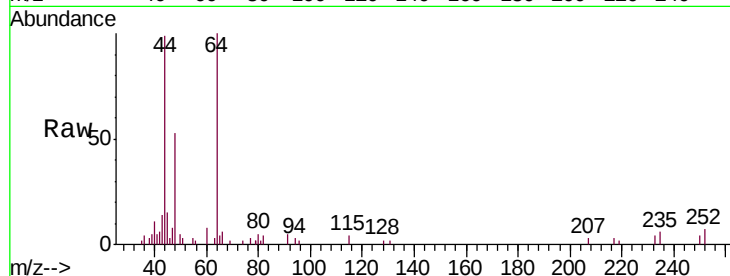
OILY-WATER-TOTES

Tot Ion: 94 Resp: 249

Ion Ratio Lower Upper

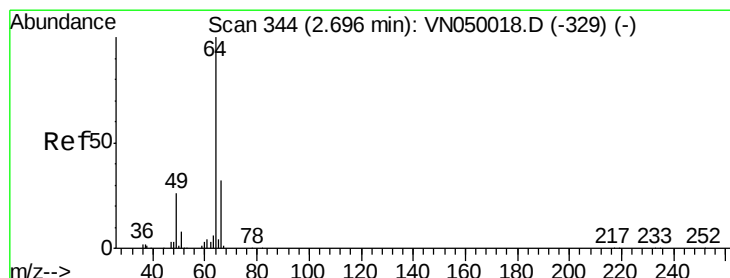
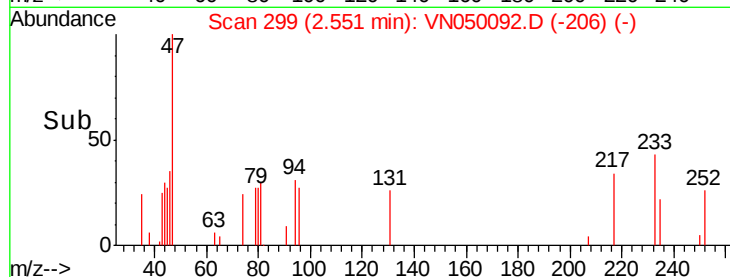
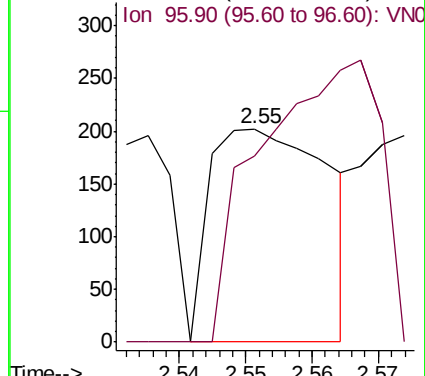
94 100

96 87.1 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN050018.D (-285) (-)

Ion 95.90 (95.60 to 96.60): VN050018.D (-285) (-)



#6

Chloroethane

Concen: 0.26 ug/l

RT: 2.80 min Scan# 375

Delta R.T. 0.10 min

Lab File: VN050092.D

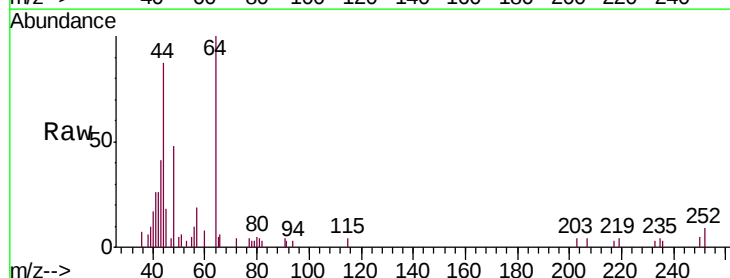
Acq: 26 Jul 2018 19:21

Tgt Ion: 64 Resp: 1830

Ion Ratio Lower Upper

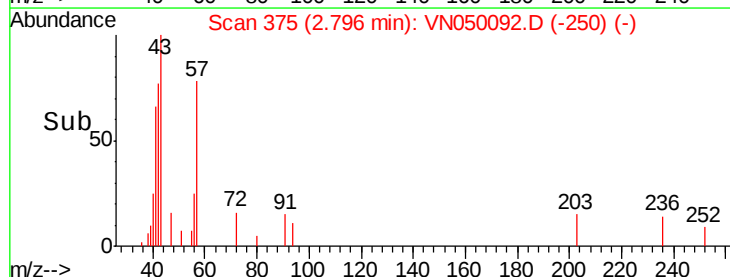
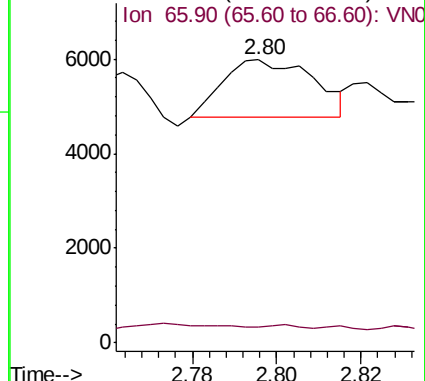
64 100

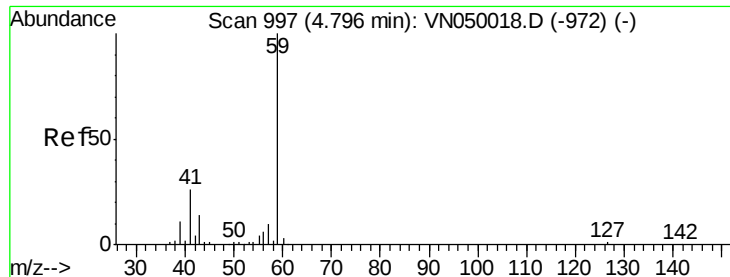
66 0.0 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VN050018.D (-329) (-)

Ion 65.90 (65.60 to 66.60): VN050018.D (-329) (-)

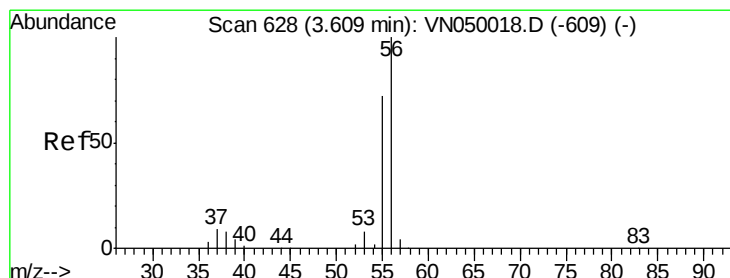
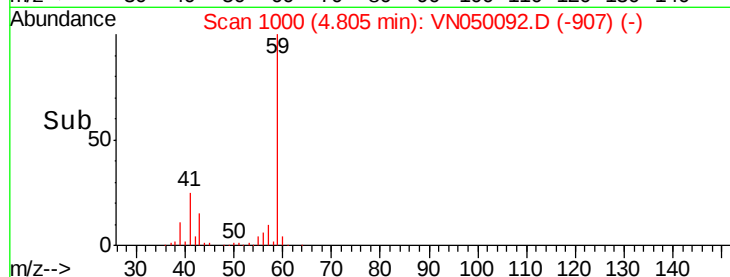
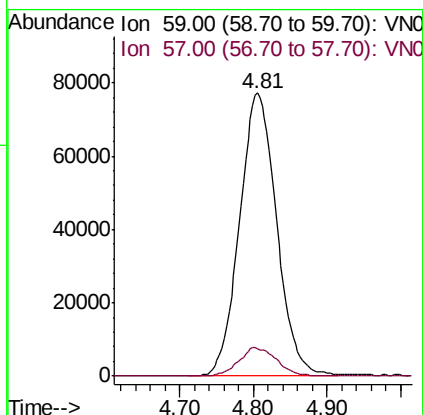
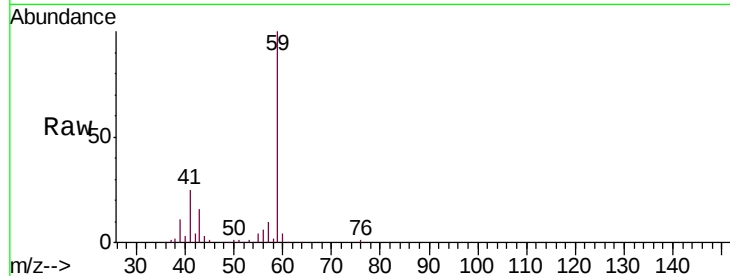




#11
Tert butyl alcohol
Concen: 363.49 ug/l
RT: 4.81 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

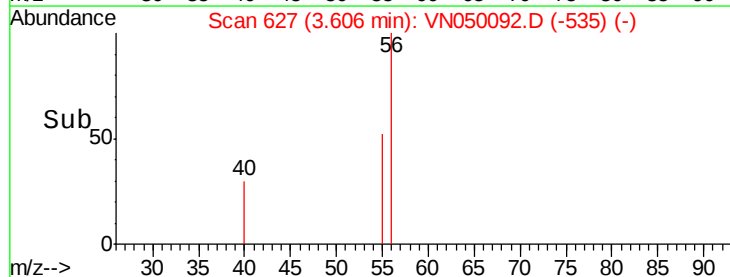
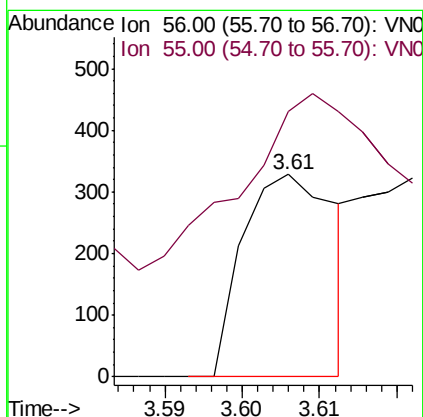
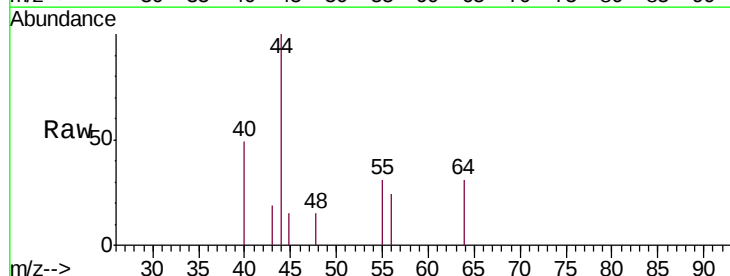
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OILY-WATER-TOTES

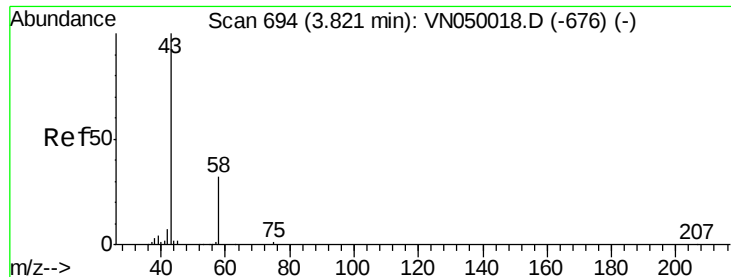
Tot Ion: 59 Resp: 270882
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7



#13
Acrolein
Concen: 0.46 ug/l
RT: 3.61 min Scan# 627
Delta R.T. -0.00 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

Tgt Ion: 56 Resp: 273
Ion Ratio Lower Upper
56 100
55 326.0 55.8 83.6#

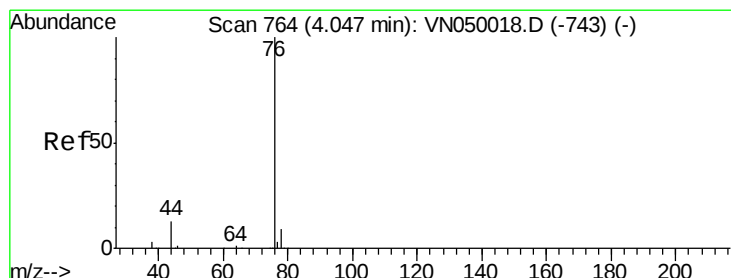
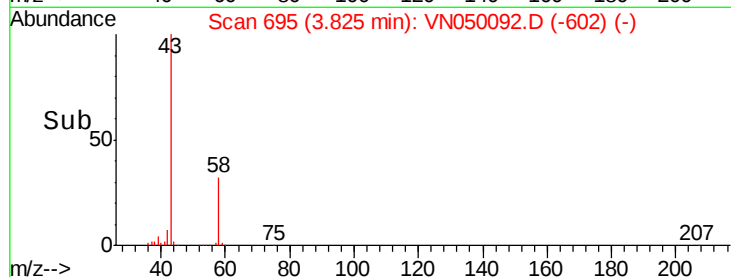
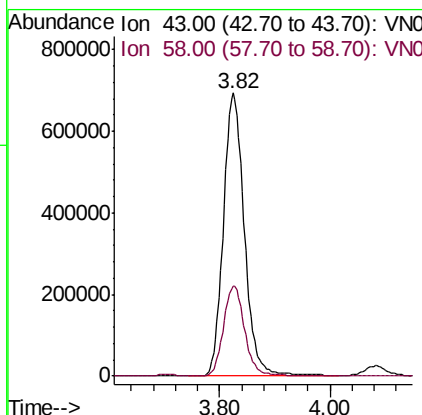
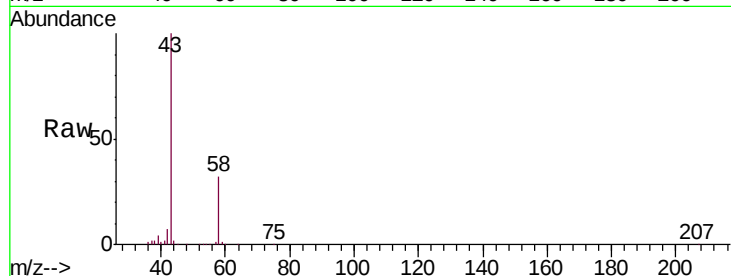




#16
Acetone
Concen: 774.16 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

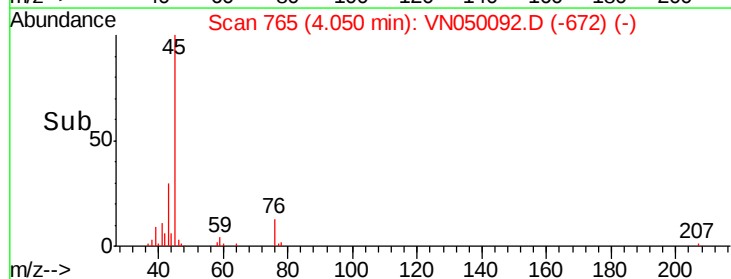
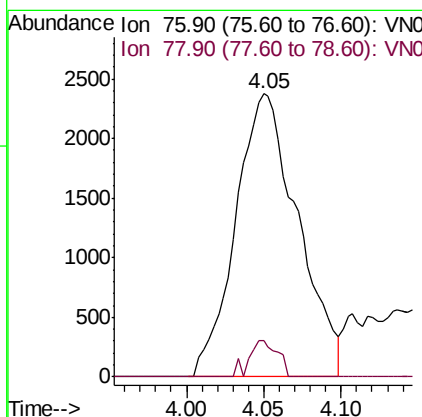
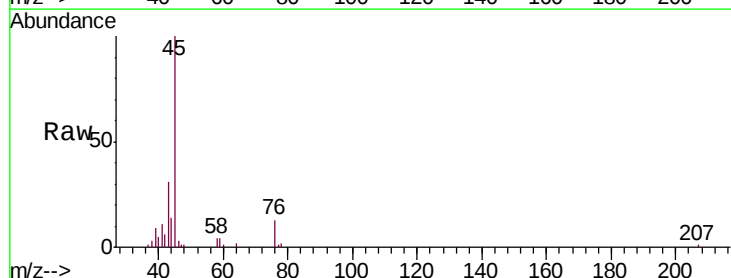
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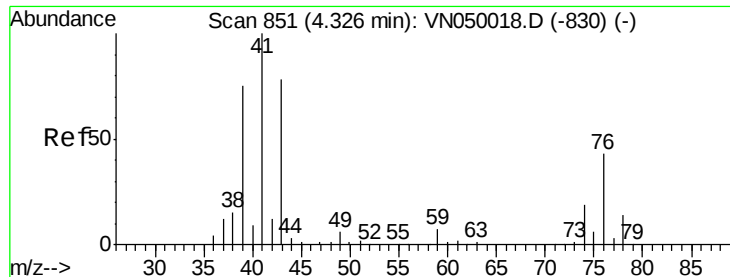
Tot Ion: 43 Resp: 1825201
Ion Ratio Lower Upper
43 100
58 31.9 25.8 38.8



#17
Carbon Disulfide
Concen: 0.26 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

Tgt Ion: 76 Resp: 6650
Ion Ratio Lower Upper
76 100
78 12.7 7.3 10.9#

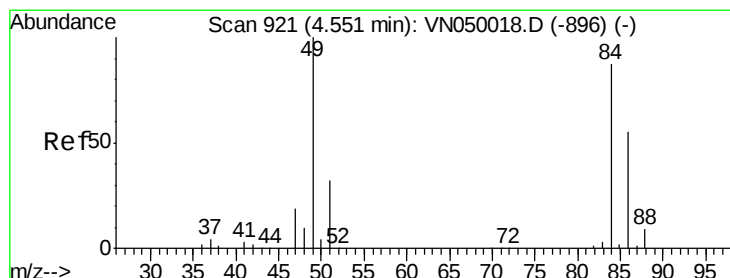
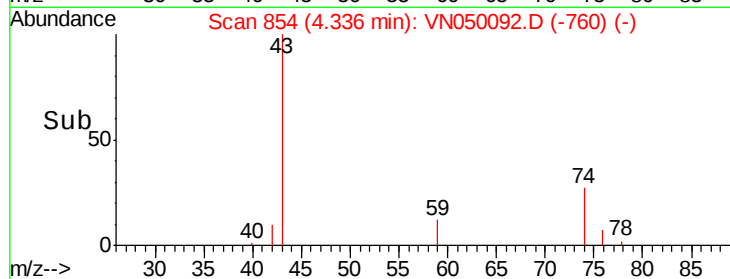
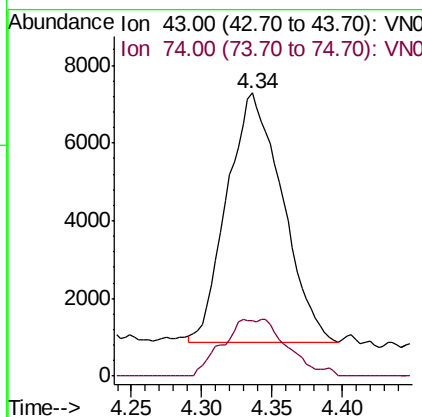
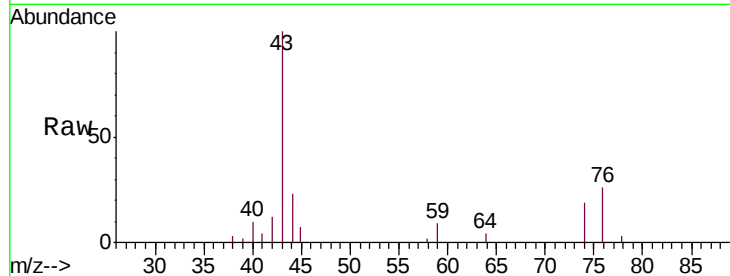




#18
Methyl Acetate
Concen: 0.27 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

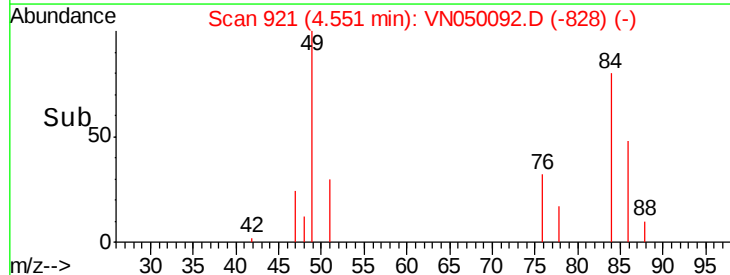
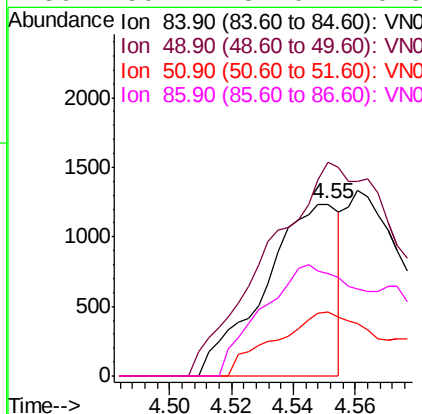
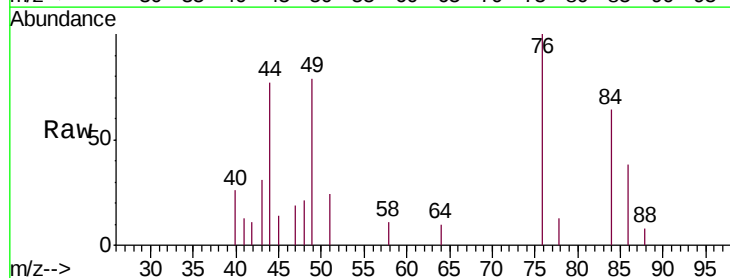
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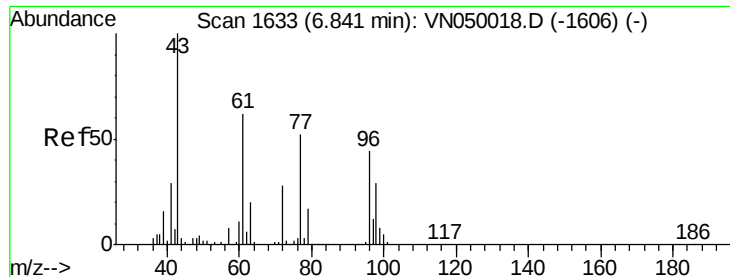
Tot Ion: 43 Resp: 17549
Ion Ratio Lower Upper
43 100
74 14.3 19.2 28.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

Tgt Ion: 84 Resp: 2046
Ion Ratio Lower Upper
84 100
49 124.3 94.8 142.2
51 37.2 28.3 42.5
86 59.4 51.0 76.6

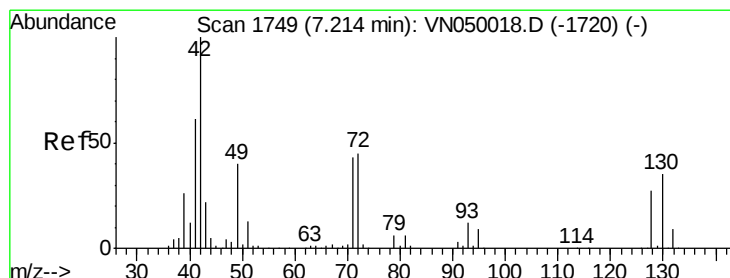
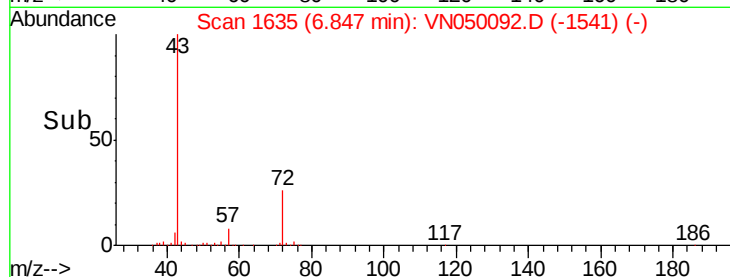
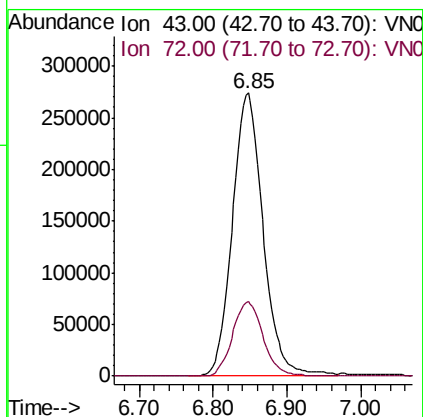
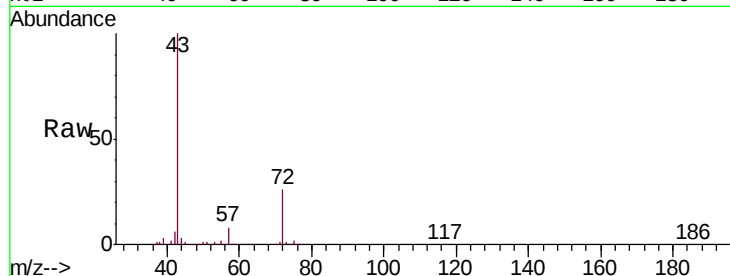




#25
2-Butanone
Concen: 205.30 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

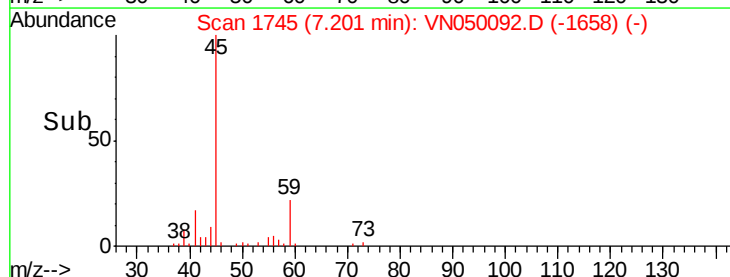
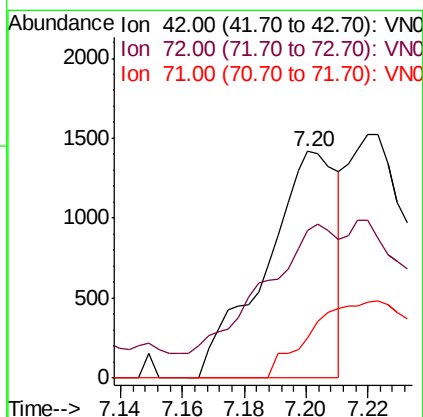
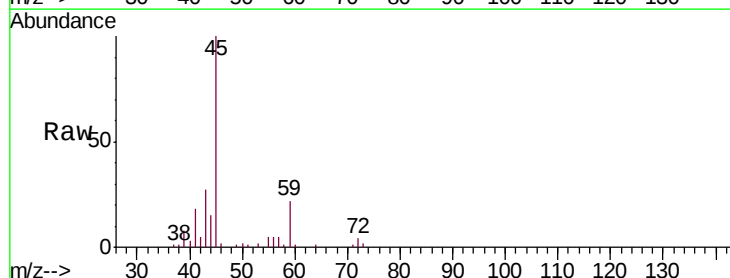
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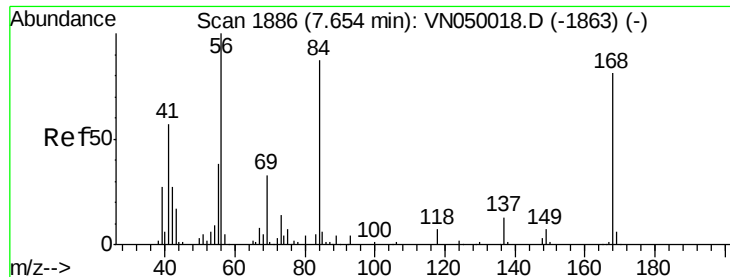
Tot Ion: 43 Resp: 793138
Ion Ratio Lower Upper
43 100
72 26.2 21.5 32.3



#29
Tetrahydrofuran
Concen: 0.91 ug/l
RT: 7.20 min Scan# 1745
Delta R.T. -0.02 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

Tgt Ion: 42 Resp: 2277
Ion Ratio Lower Upper
42 100
72 56.5 35.9 53.9#
71 0.0 33.7 50.5#

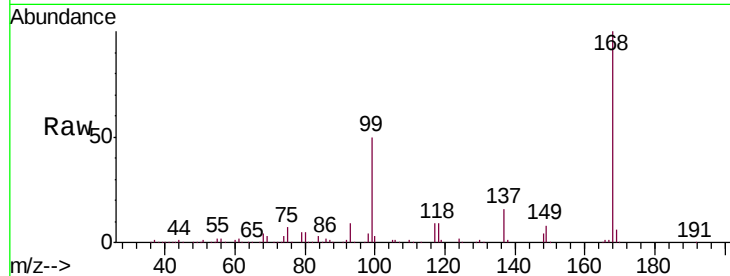




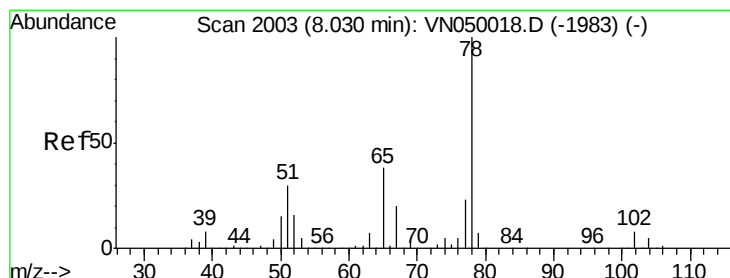
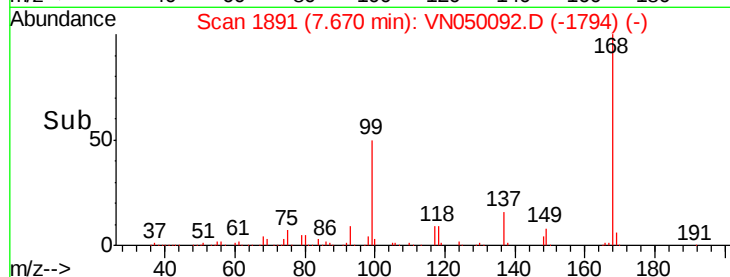
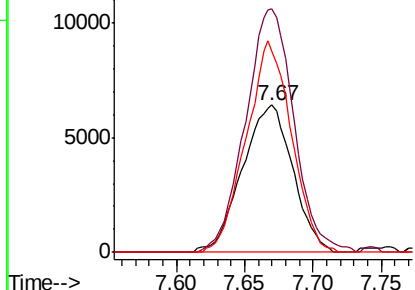
#31
Cyclohexane
Concen: 1.12 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.01 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER-TOTES

Tot Ion: 56 Resp: 16491
Ion Ratio Lower Upper
56 100
69 165.2 26.2 39.4#
84 136.9 67.4 101.0#

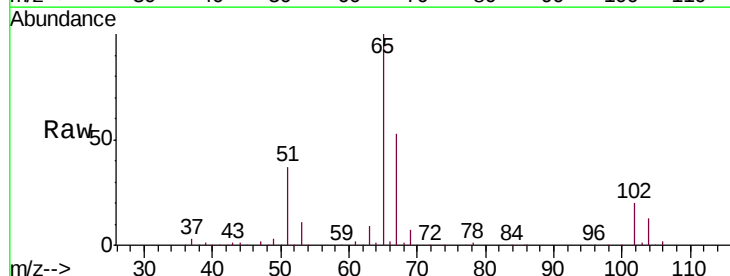


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

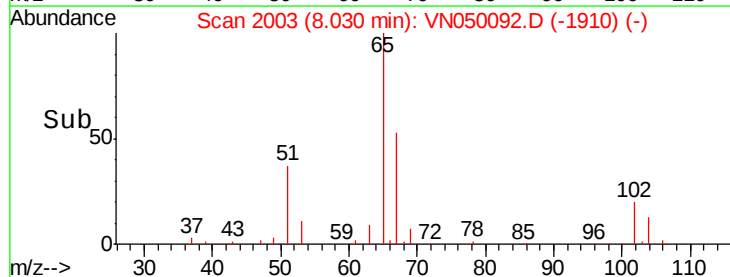
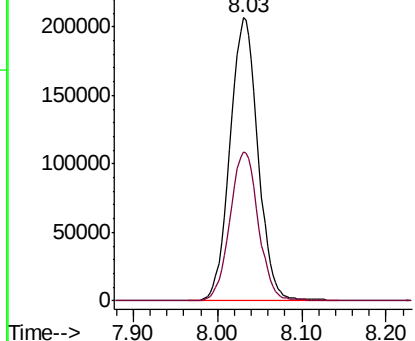


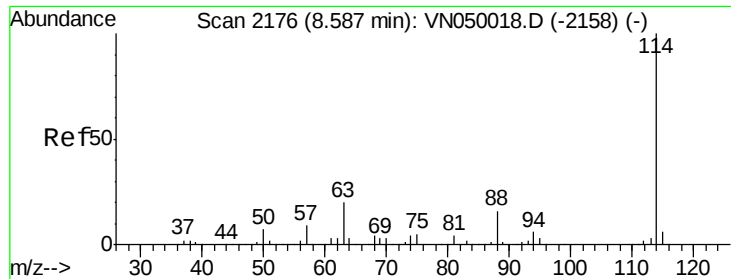
#33
1,2-Dichloroethane-d4
Concen: 47.19 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

Tgt Ion: 65 Resp: 477918
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

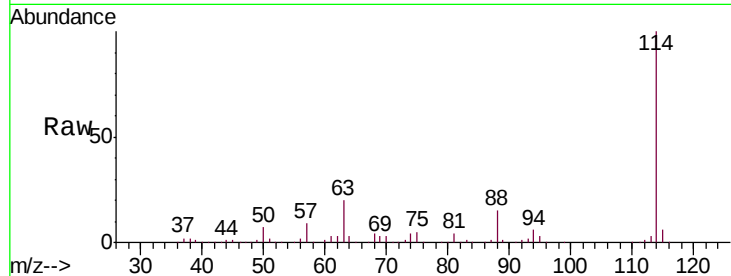




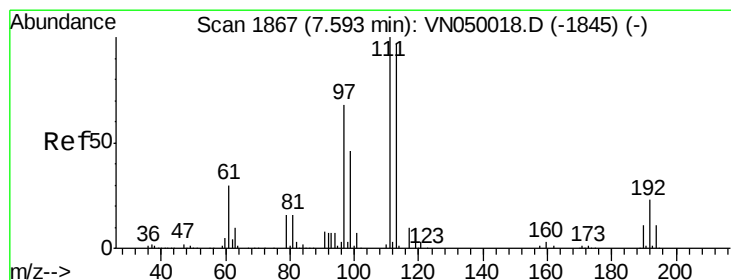
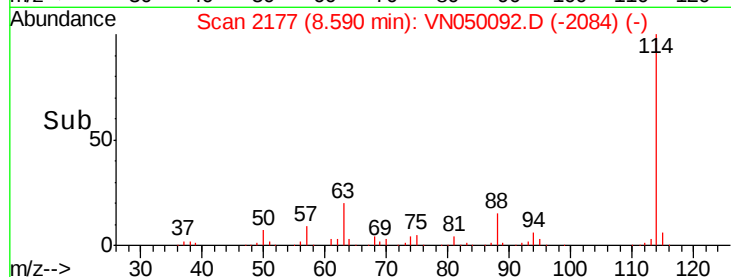
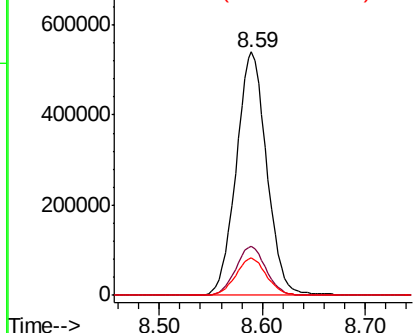
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER-TOTES

Tot Ion:114 Resp: 1108584
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.0
88 15.3 0.0 31.2

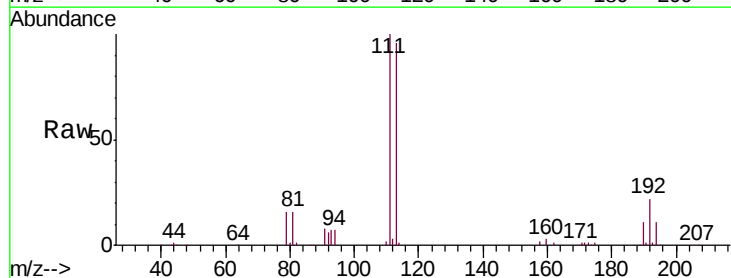


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

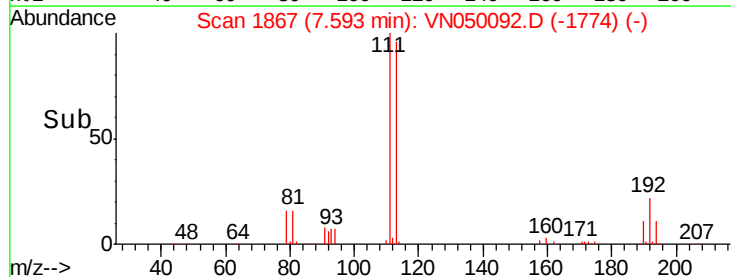
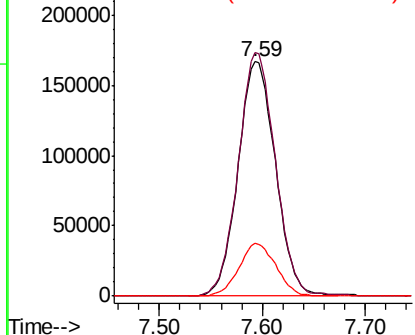


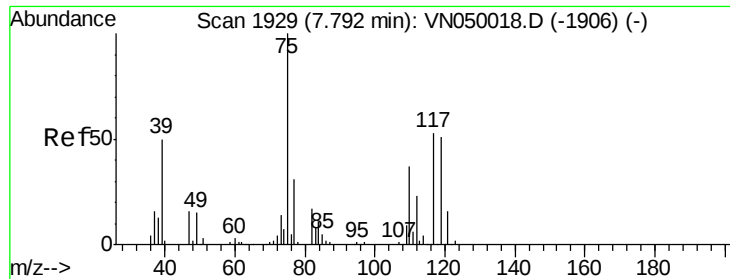
#35
Dibromofluoromethane
Concen: 46.64 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

Tgt Ion:113 Resp: 422151
Ion Ratio Lower Upper
113 100
111 103.1 80.7 121.1
192 22.3 17.8 26.6



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

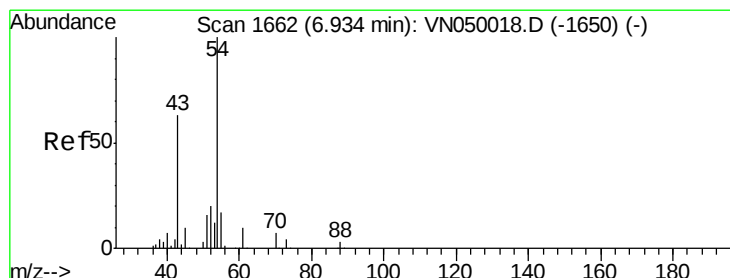
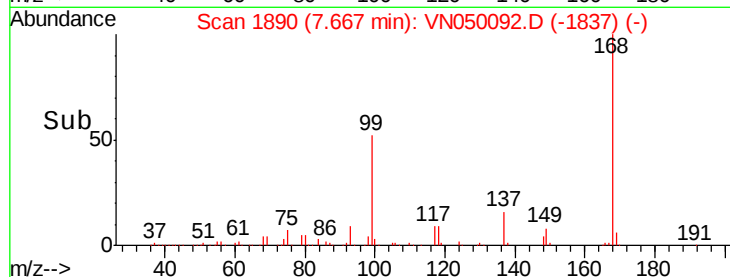
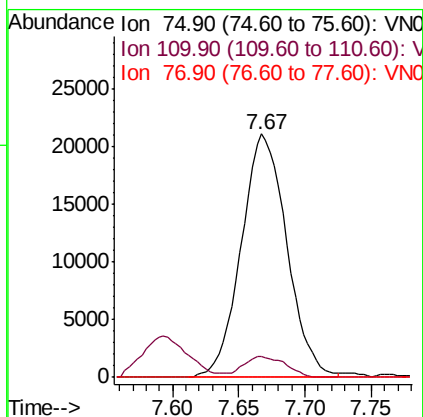
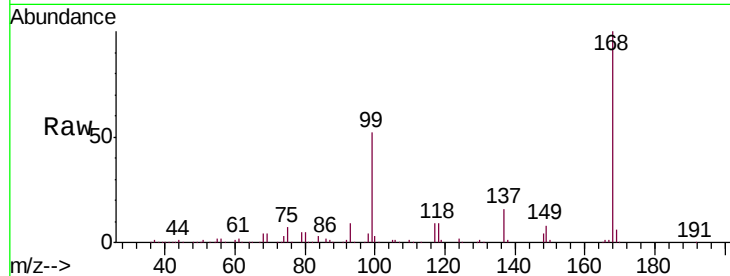




#36
 1,1-Dichloropropene
 Concen: 4.04 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050092.D
 Acq: 26 Jul 2018 19:21

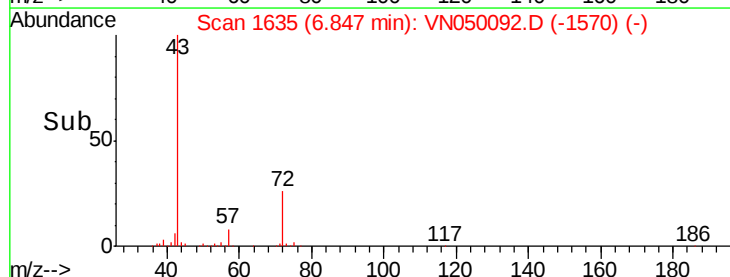
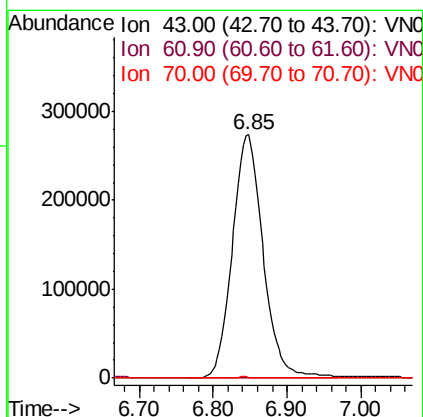
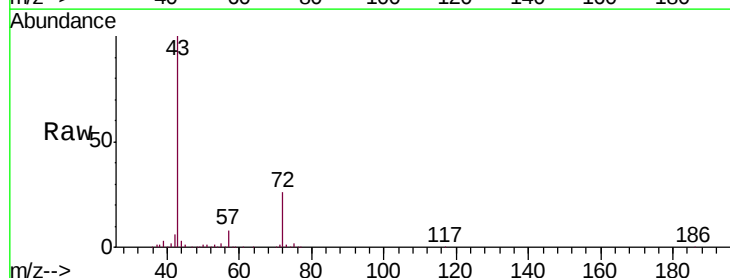
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-WATER-TOTES

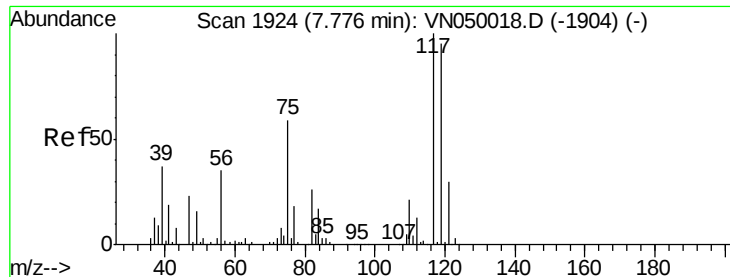
Tot Ion: 75 Resp: 50443
 Ion Ratio Lower Upper
 75 100
 110 7.8 18.4 55.2#
 77 0.0 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 91.08 ug/l
 RT: 6.85 min Scan# 1635
 Delta R.T. -0.09 min
 Lab File: VN050092.D
 Acq: 26 Jul 2018 19:21

Tgt Ion: 43 Resp: 793138
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.8 17.8#
 70 0.4 8.4 12.6#





#38

Carbon Tetrachloride

Concen: 4.93 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.11 min

Lab File: VN050092.D

Acq: 26 Jul 2018 19:21

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER-TOTES

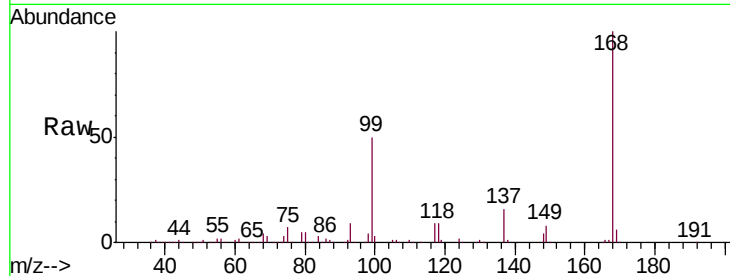
Tot Ion:117 Resp: 65339

Ion Ratio Lower Upper

117 100

119 5.9 77.4 116.0#

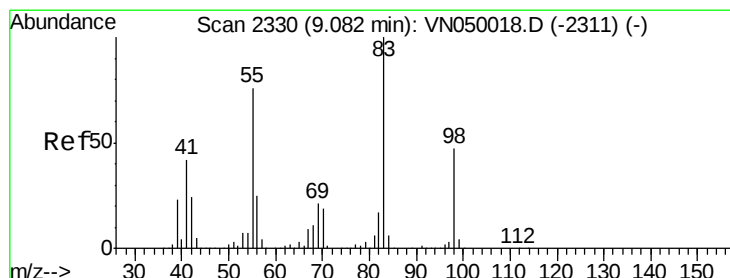
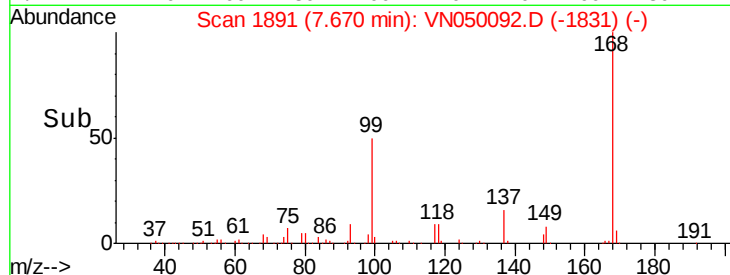
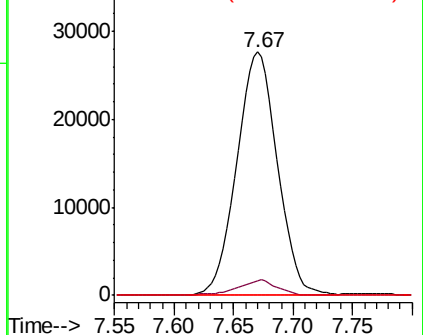
121 0.0 23.9 35.9#



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: 0.26 ug/l

RT: 9.08 min Scan# 2328

Delta R.T. -0.01 min

Lab File: VN050092.D

Acq: 26 Jul 2018 19:21

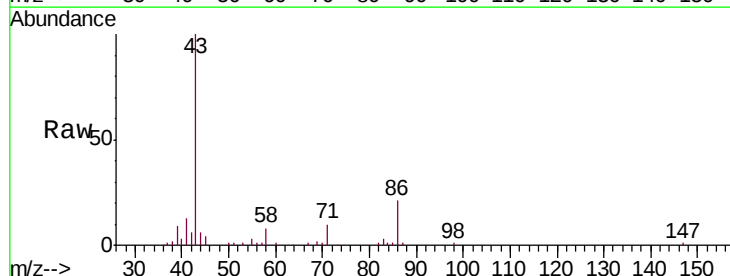
Tgt Ion: 83 Resp: 3315

Ion Ratio Lower Upper

83 100

55 96.2 61.8 92.8#

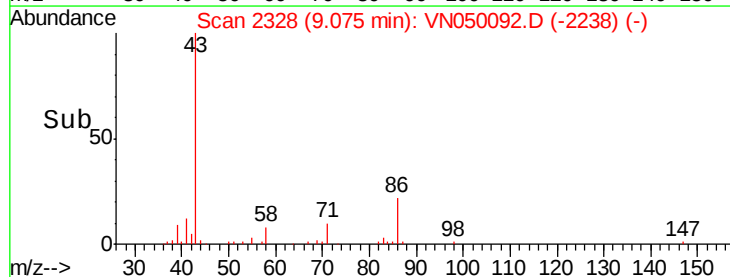
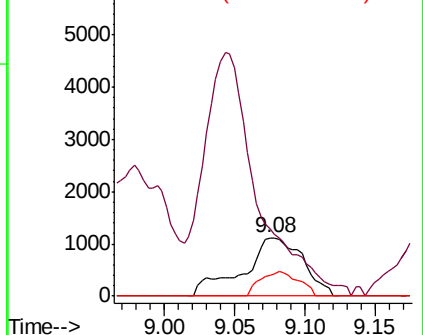
98 35.4 36.5 54.7#

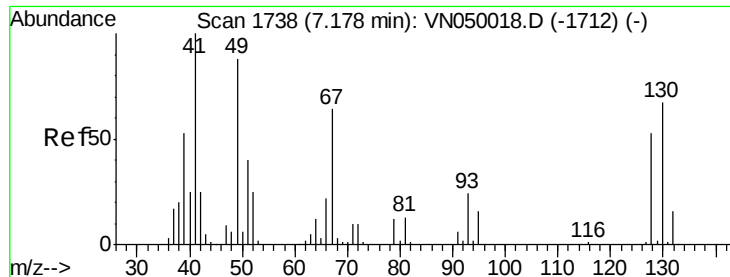


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#41

Methacrylonitrile

Concen: 5.68 ug/l

RT: 7.20 min Scan# 1746

Delta R.T. 0.03 min

Lab File: VN050092.D

Acq: 26 Jul 2018 19:21

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER-TOTES

Tot Ion: 41 Resp: 14049

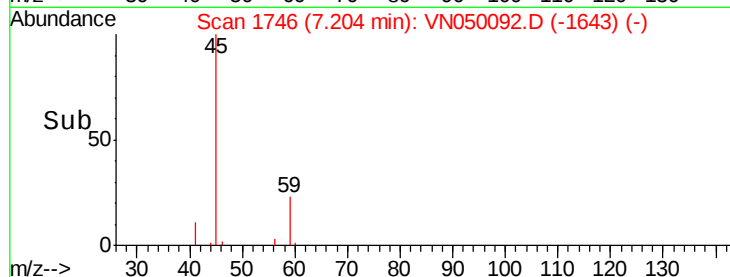
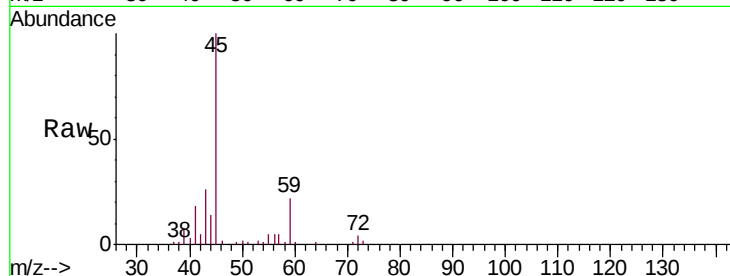
Ion Ratio Lower Upper

41 100

39 44.1 55.8 83.6#

67 0.0 84.3 126.5#

52 0.7 34.2 51.2#

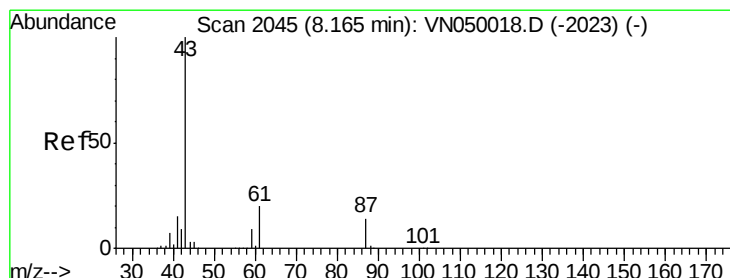
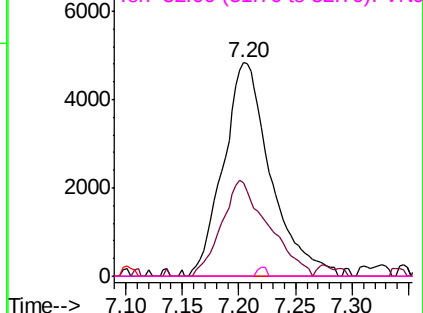


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#43

Isopropyl Acetate

Concen: 7.89 ug/l

RT: 8.23 min Scan# 2066

Delta R.T. 0.06 min

Lab File: VN050092.D

Acq: 26 Jul 2018 19:21

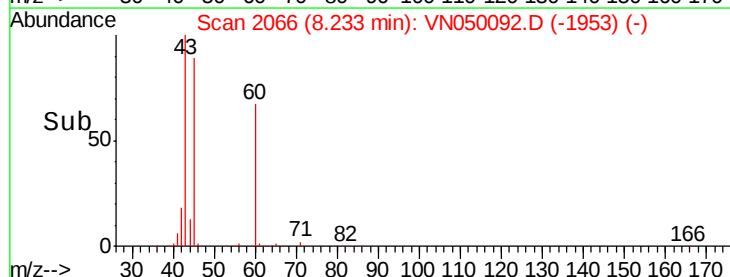
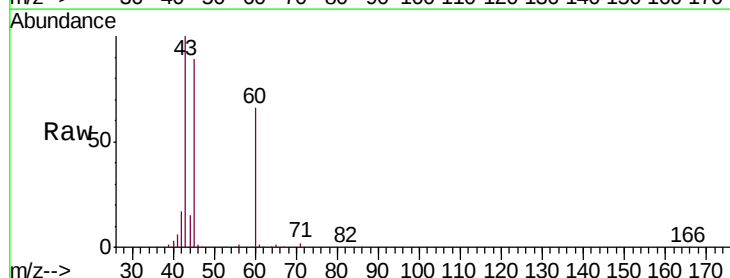
Tgt Ion: 43 Resp: 145194

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.6#

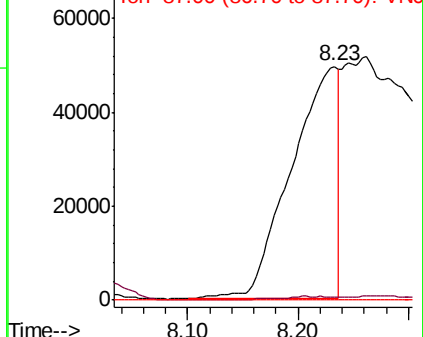
87 0.0 10.3 15.5#

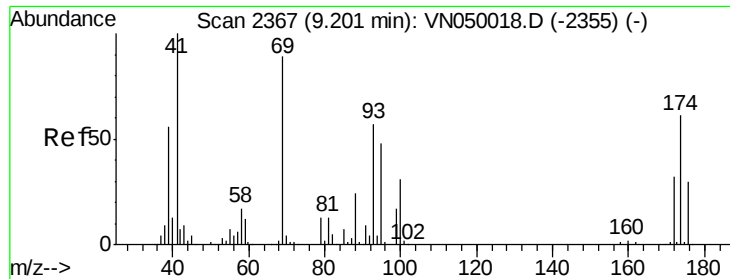


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

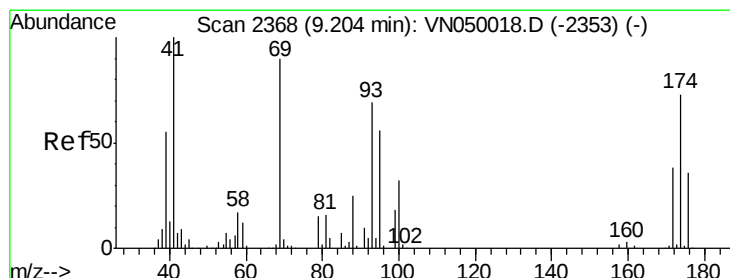
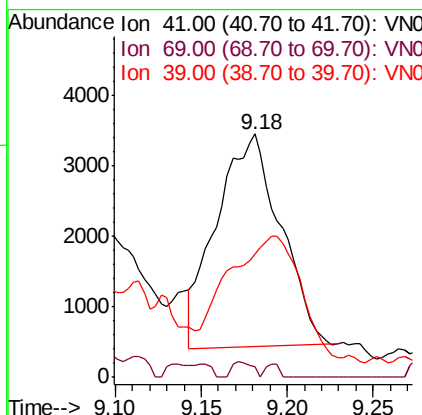
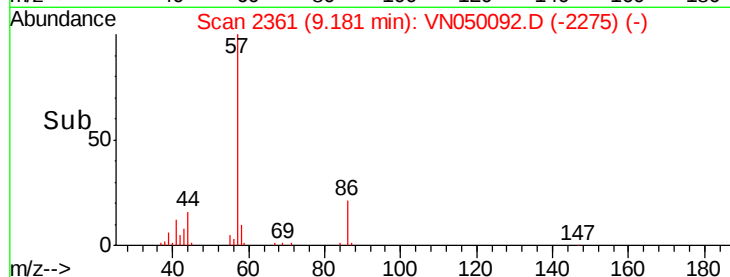
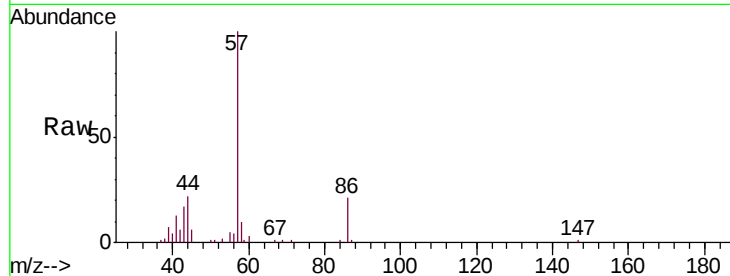




#48
Methvl methacrylate
Concen: 1.05 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

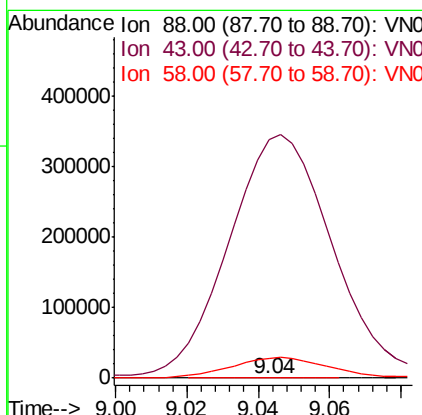
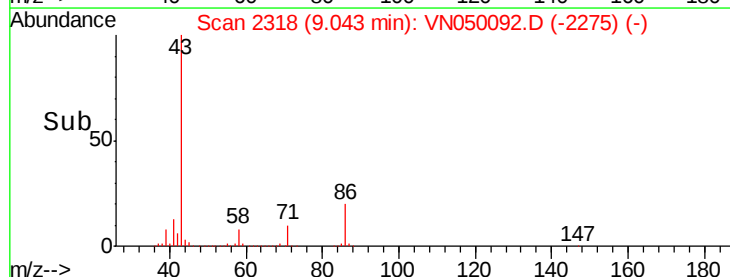
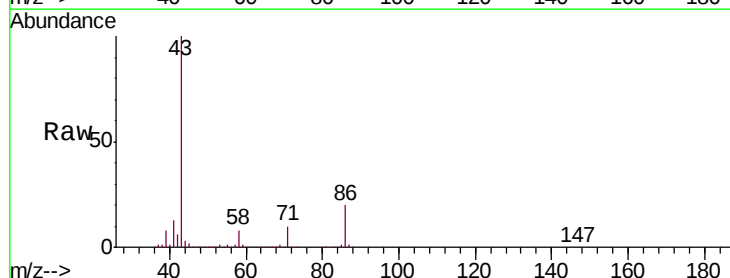
Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER-TOTES

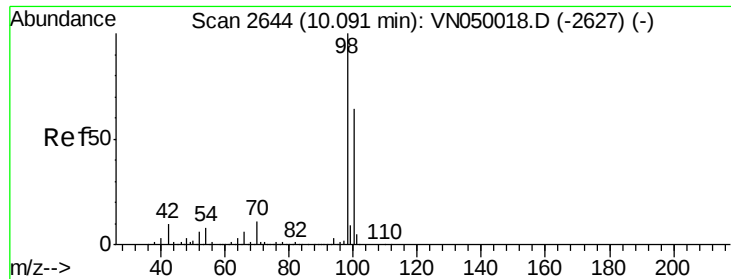
Tot Ion: 41 Resp: 7838
Ion Ratio Lower Upper
41 100
69 0.0 70.6 105.8#
39 65.1 43.9 65.9



#49
1,4-Dioxane
Concen: 4.31 ug/l
RT: 9.04 min Scan# 2318
Delta R.T. -0.16 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

Tgt Ion: 88 Resp: 440
Ion Ratio Lower Upper
88 100
43 157724.5 26.9 40.3#
58 13119.8 57.3 85.9#





#50

Toluene-d8

Concen: 46.97 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050092.D

Acq: 26 Jul 2018 19:21

Instrument :

MSVOA_N

ClientSampleId :

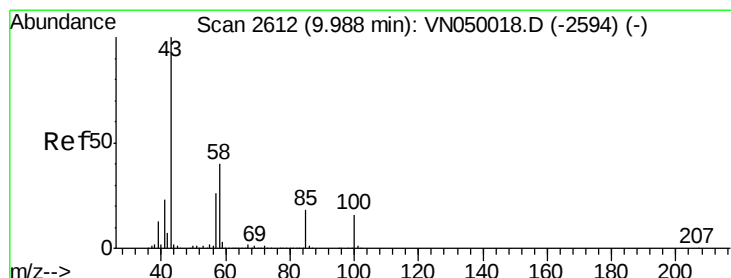
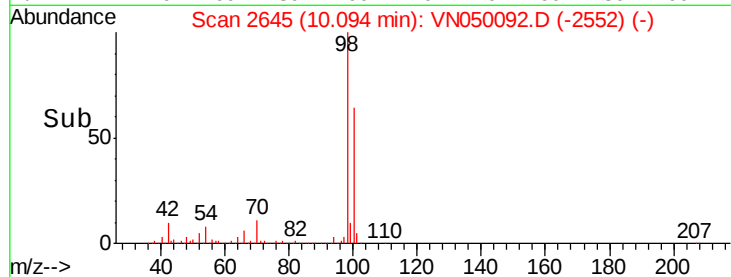
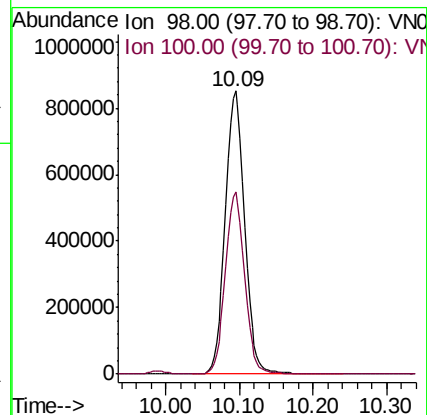
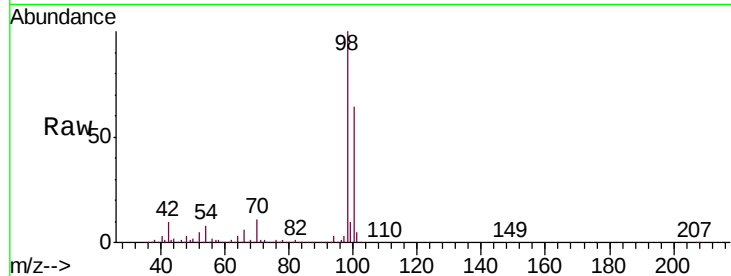
OILY-WATER-TOTES

Tot Ion: 98 Resp: 1563104

Ion Ratio Lower Upper

98 100

100 63.9 50.7 76.1



#51

4-Methyl-2-Pentanone

Concen: 14.20 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN050092.D

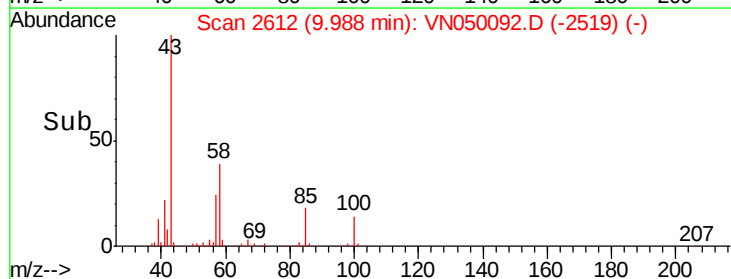
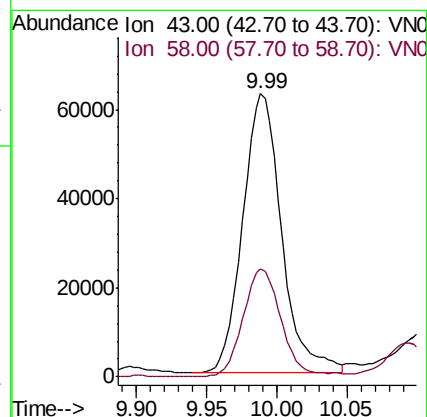
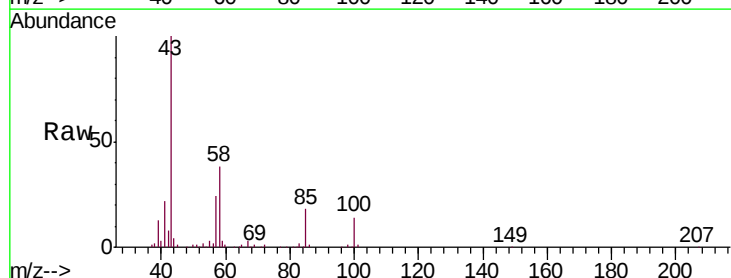
Acq: 26 Jul 2018 19:21

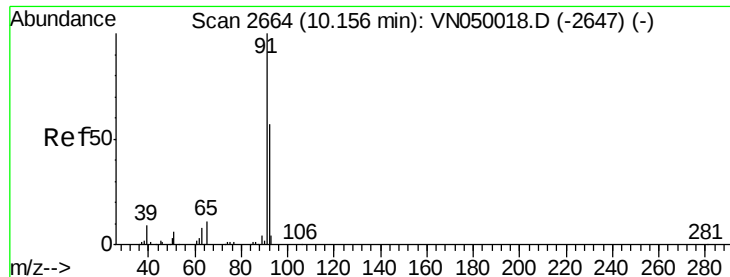
Tgt Ion: 43 Resp: 121540

Ion Ratio Lower Upper

43 100

58 38.2 31.9 47.9





#52

Toluene

Concen: 2.96 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN050092.D

Acq: 26 Jul 2018 19:21

Instrument :

MSVOA_N

ClientSampleId :

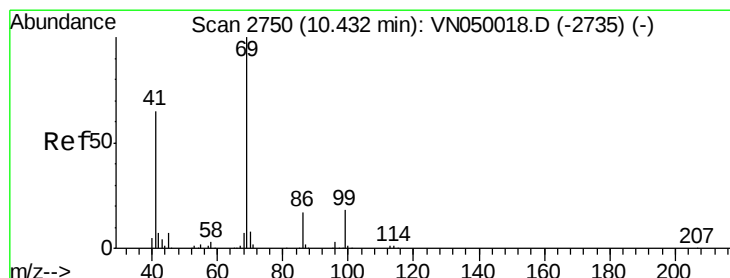
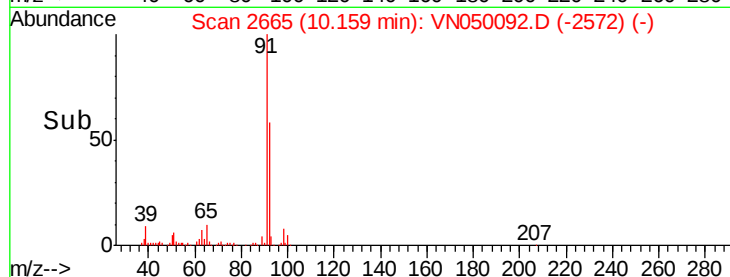
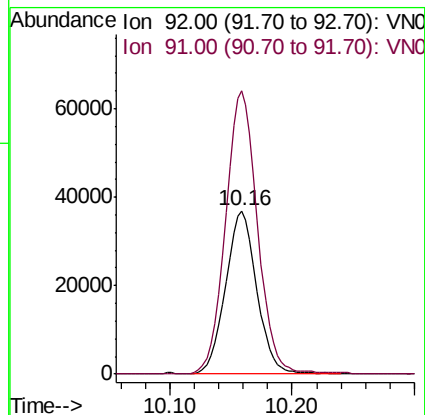
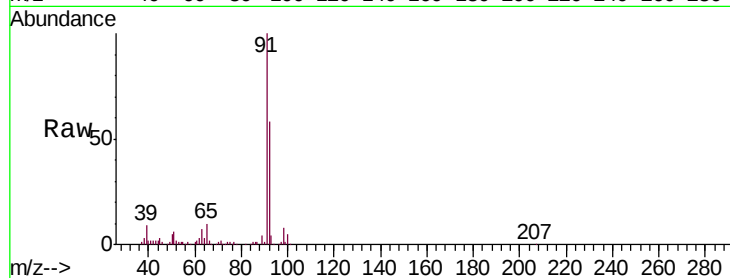
OILY-WATER-TOTES

Tot Ion: 92 Resp: 66323

Ion Ratio Lower Upper

92 100

91 177.4 140.3 210.5



#56

Ethyl methacrylate

Concen: 2.04 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN050092.D

Acq: 26 Jul 2018 19:21

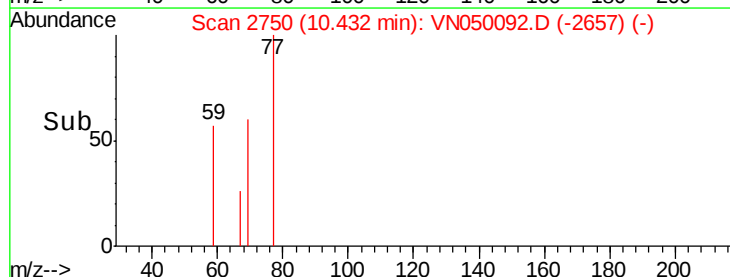
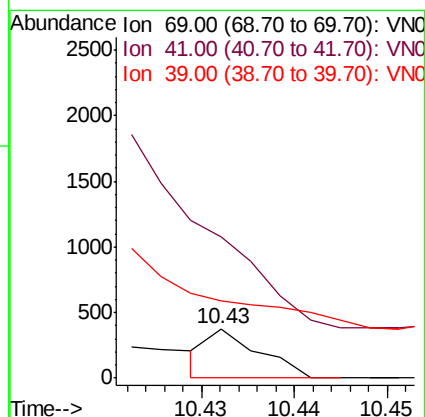
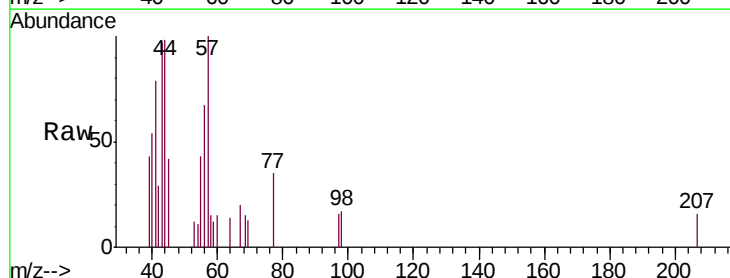
Tgt Ion: 69 Resp: 144

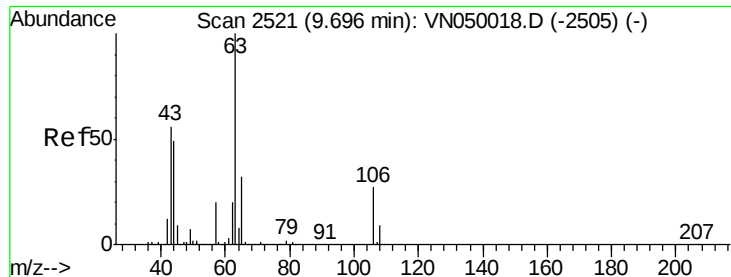
Ion Ratio Lower Upper

69 100

41 0.0 51.0 76.4#

39 0.0 26.6 40.0#





#58

2-Chloroethyl Vinyl ether

Concen: 8.55 ug/l

RT: 9.90 min Scan# 2585

Delta R.T. 0.20 min

Lab File: VN050092.D

Acq: 26 Jul 2018 19:21

Instrument :

MSVOA_N

ClientSampleId :

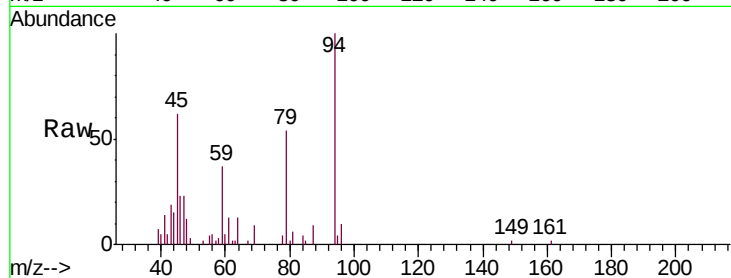
OILY-WATER-TOTES

Tot Ion: 63 Resp: 168

Ion Ratio Lower Upper

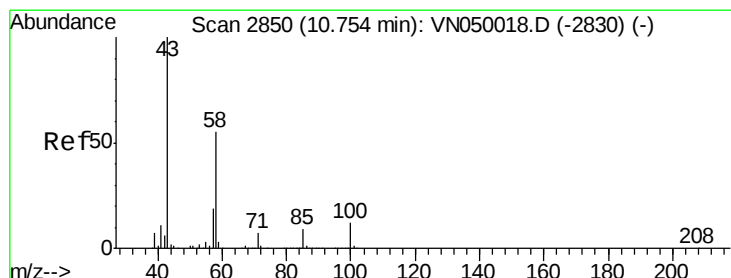
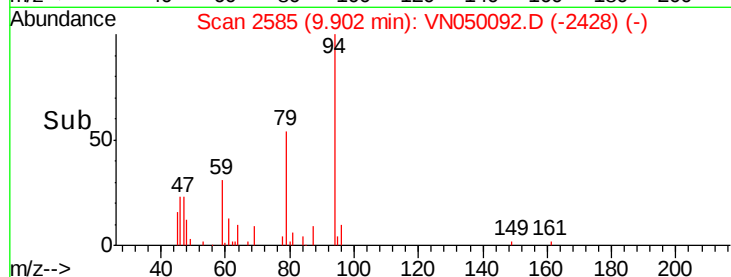
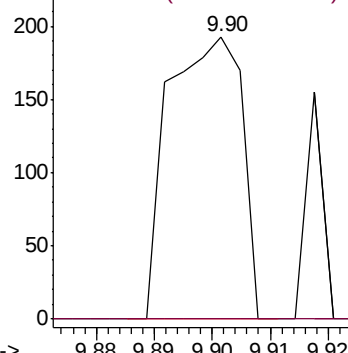
63 100

106 0.0 21.7 32.5#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 45.26 ug/l

RT: 10.76 min Scan# 2851

Delta R.T. 0.00 min

Lab File: VN050092.D

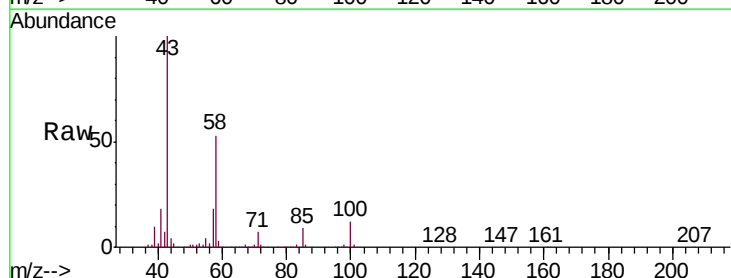
Acq: 26 Jul 2018 19:21

Tgt Ion: 43 Resp: 257475

Ion Ratio Lower Upper

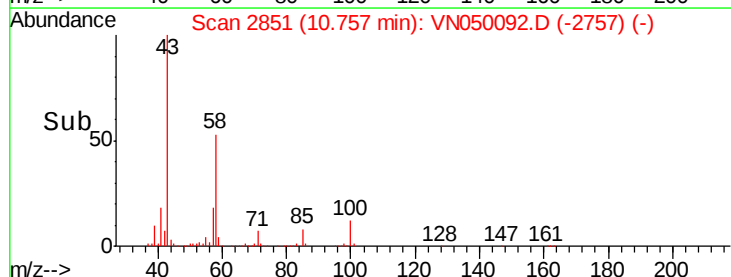
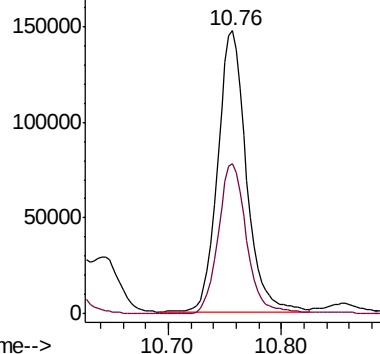
43 100

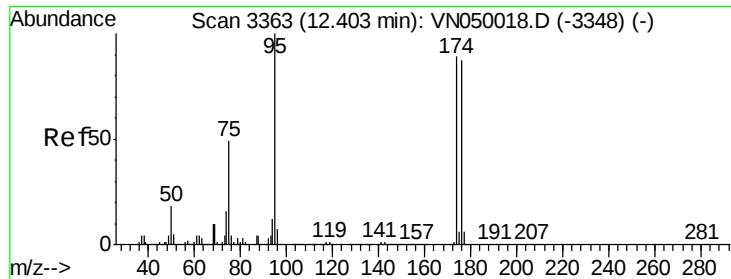
58 53.2 27.6 82.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

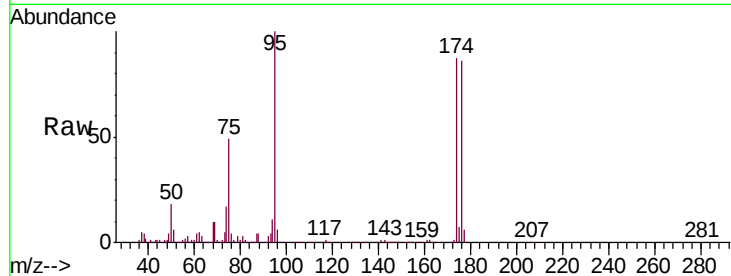




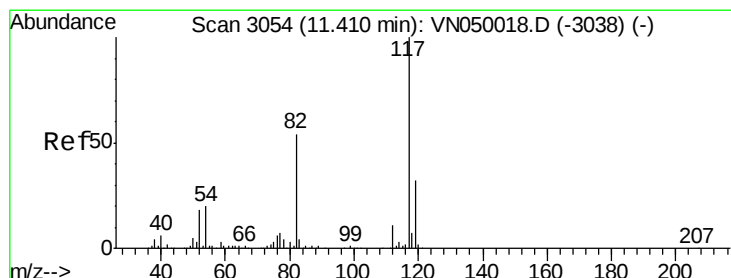
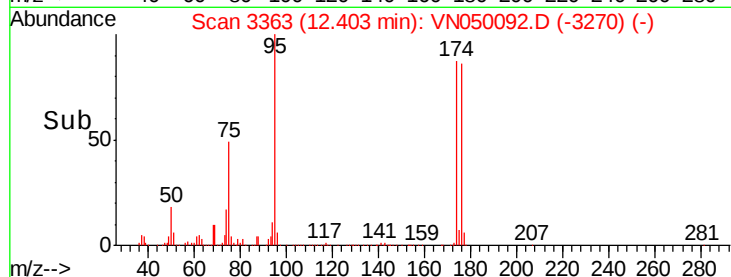
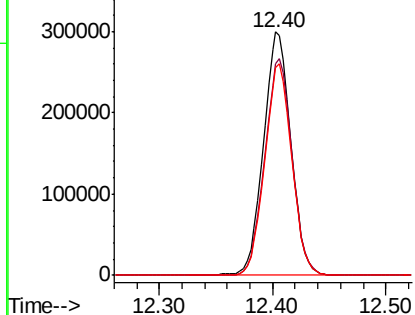
#62
4-Bromofluorobenzene
Concen: 45.76 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER-TOTES

Tot Ion: 95 Resp: 501376
Ion Ratio Lower Upper
95 100
174 88.8 0.0 178.2
176 85.9 0.0 173.4

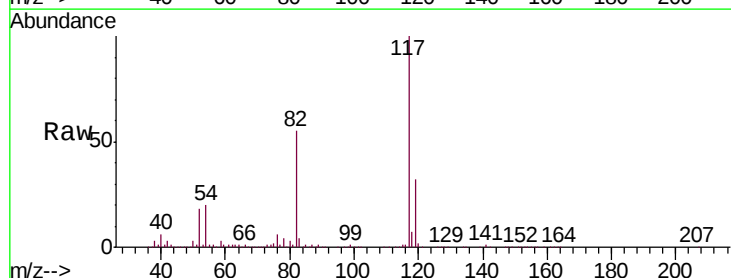


Abundance Ion 94.90 (94.60 to 95.60): VN050018.D (-3348) (-)
Ion 173.80 (173.50 to 174.50): VN050018.D (-3348) (-)
Ion 175.80 (175.50 to 176.50): VN050018.D (-3348) (-)

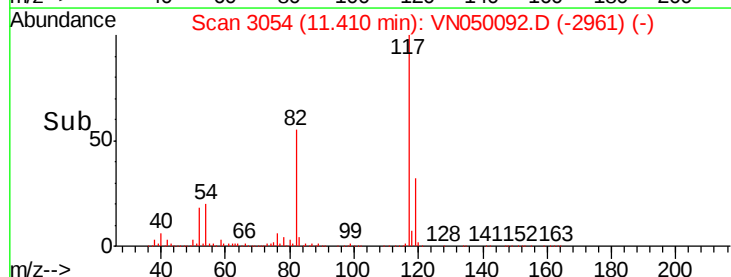
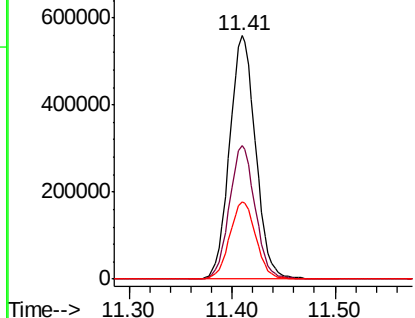


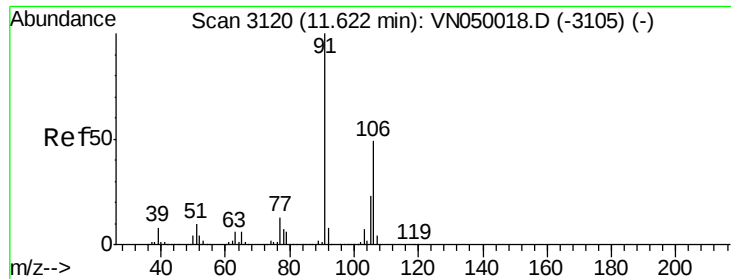
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

Tgt Ion: 117 Resp: 984944
Ion Ratio Lower Upper
117 100
82 55.0 43.7 65.5
119 31.8 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): VN050018.D (-3038) (-)
Ion 82.00 (81.70 to 82.70): VN050018.D (-3038) (-)
Ion 118.90 (118.60 to 119.60): VN050018.D (-3038) (-)

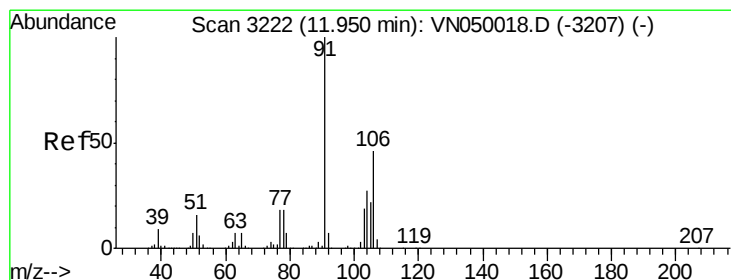
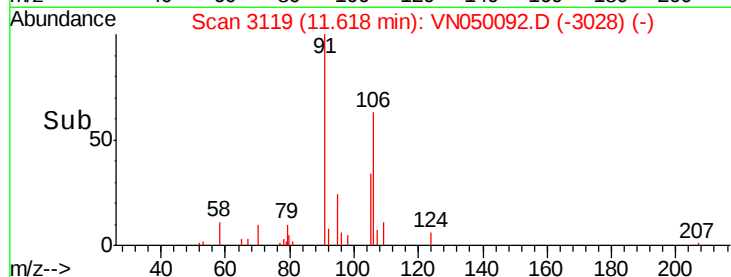
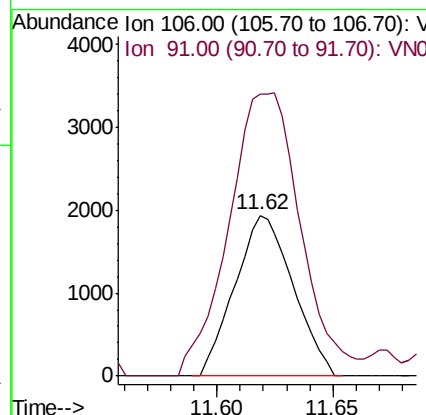
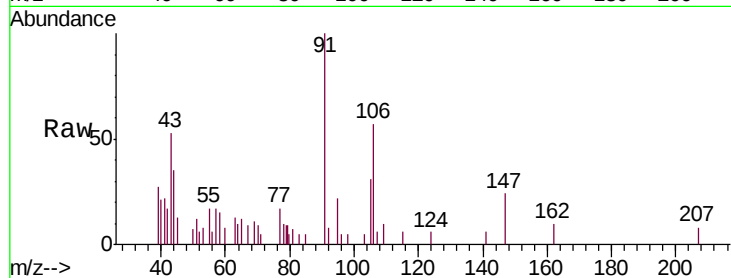




#68
m/p-Xylenes
Concen: 0.22 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.01 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

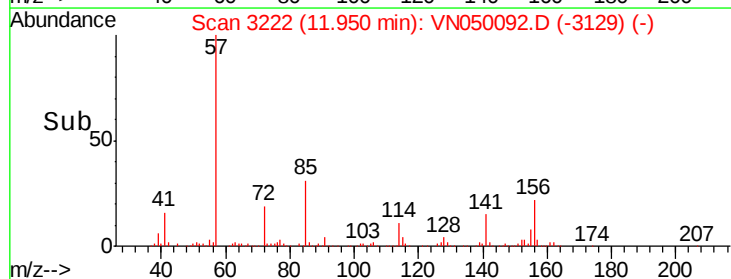
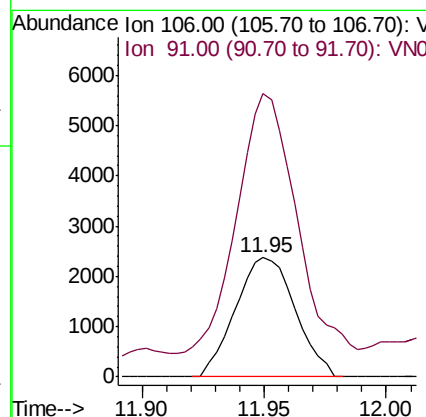
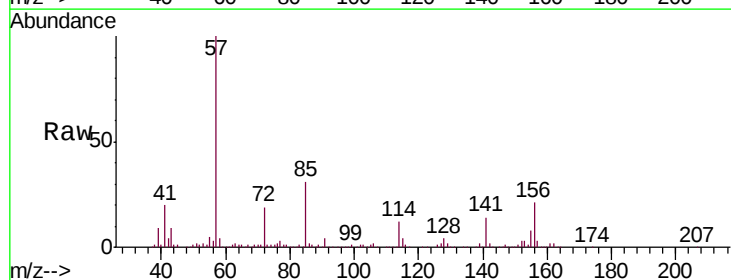
Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER-TOTES

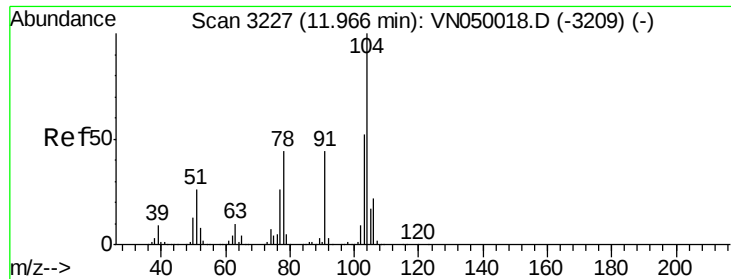
Tot Ion:106 Resp: 3381
Ion Ratio Lower Upper
106 100
91 216.2 162.2 243.2



#69
o-Xylene
Concen: 0.28 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

Tgt Ion:106 Resp: 4029
Ion Ratio Lower Upper
106 100
91 214.9 107.7 323.1





#70

Stvrene

Concen: 0.94 ug/l

RT: 11.96 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VN050092.D

Acq: 26 Jul 2018 19:21

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER-TOTES

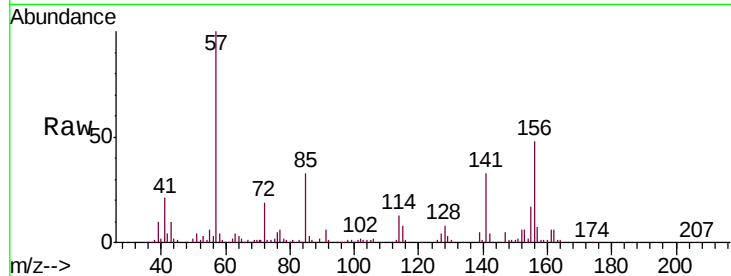
Tot Ion:104 Resp: 395

Ion Ratio Lower Upper

104 100

78 0.0 39.3 58.9#

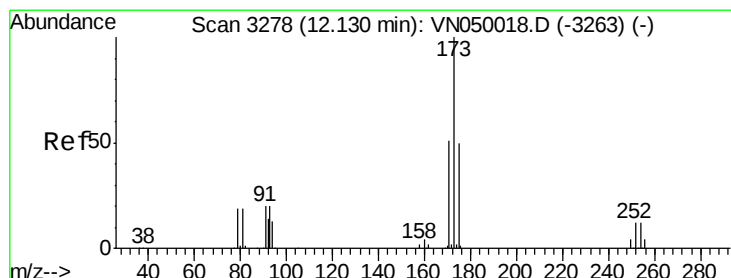
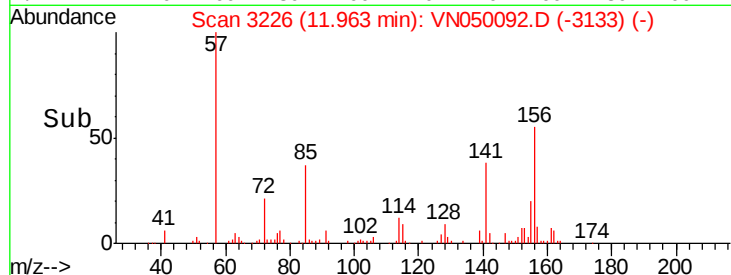
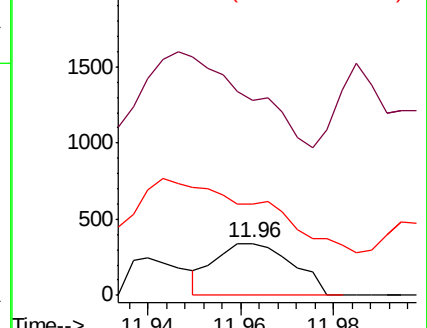
103 0.0 45.0 67.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.56 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.28 min

Lab File: VN050092.D

Acq: 26 Jul 2018 19:21

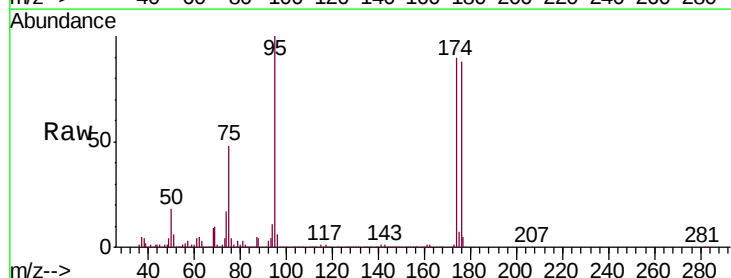
Tgt Ion:173 Resp: 3885

Ion Ratio Lower Upper

173 100

175 737.2 24.1 72.2#

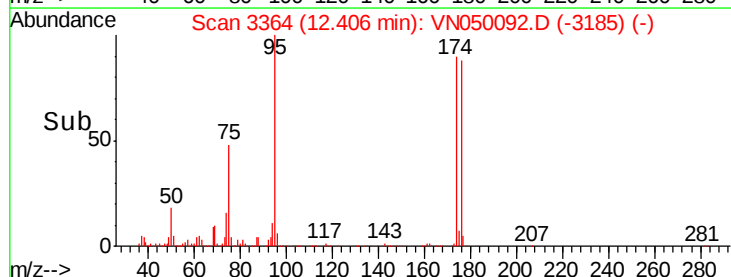
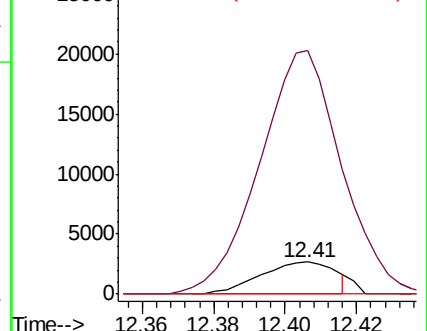
254 0.0 0.2 0.2#

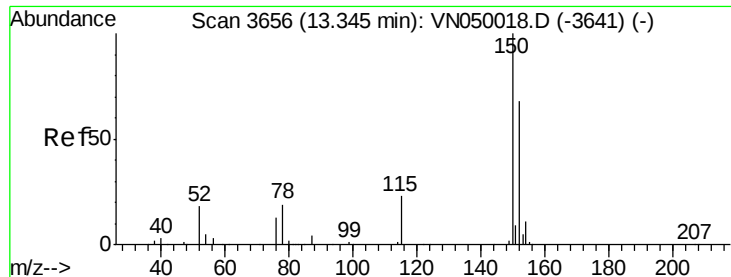


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN050092.D

Acq: 26 Jul 2018 19:21

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER-TOTES

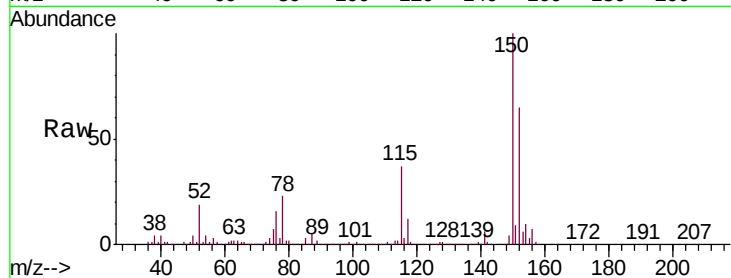
Tot Ion:152 Resp: 459595

Ion Ratio Lower Upper

152 100

115 59.8 27.8 83.3

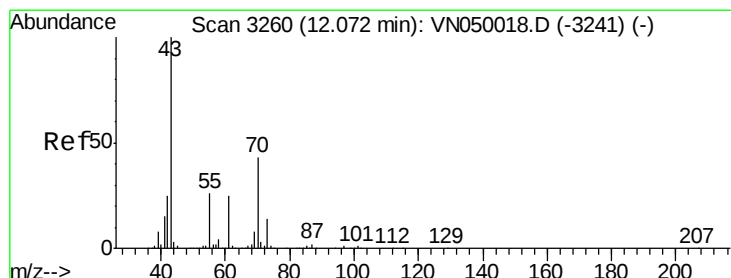
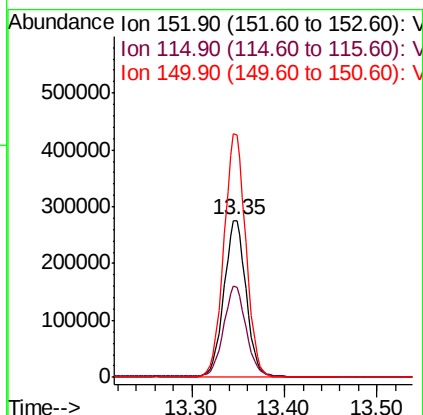
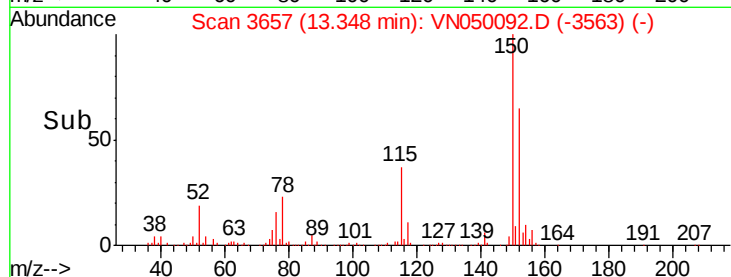
150 152.5 0.0 348.6



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



#74

N-ethyl acetate

Concen: 22.20 ug/l

RT: 12.03 min Scan# 3247

Delta R.T. -0.04 min

Lab File: VN050092.D

Acq: 26 Jul 2018 19:21

Tgt Ion: 43 Resp: 241847

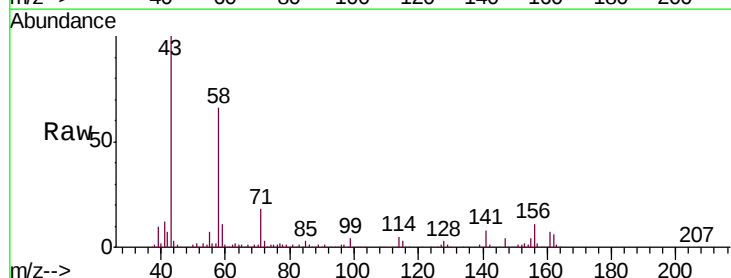
Ion Ratio Lower Upper

43 100

70 0.8 34.4 51.6#

55 8.1 20.8 31.2#

61 0.1 19.7 29.5#

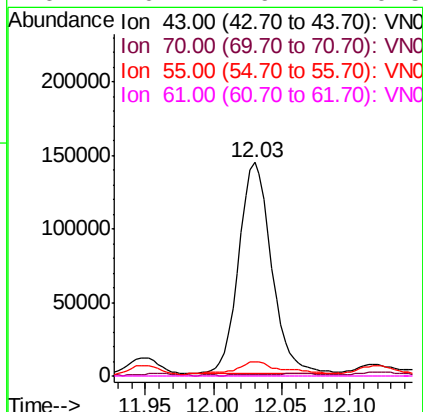
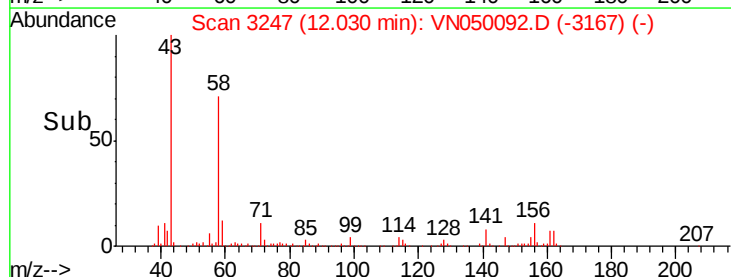


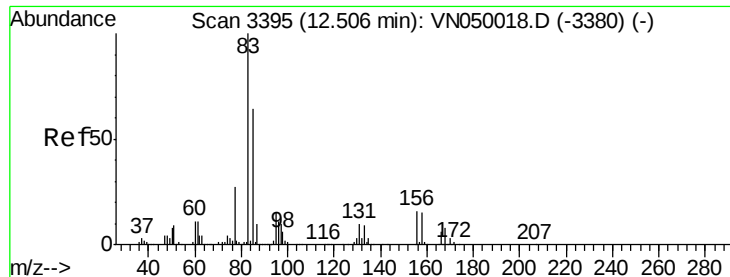
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 12.52 min Scan# 3399

Delta R.T. 0.01 min

Lab File: VN050092.D

Acq: 26 Jul 2018 19:21

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER-TOTES

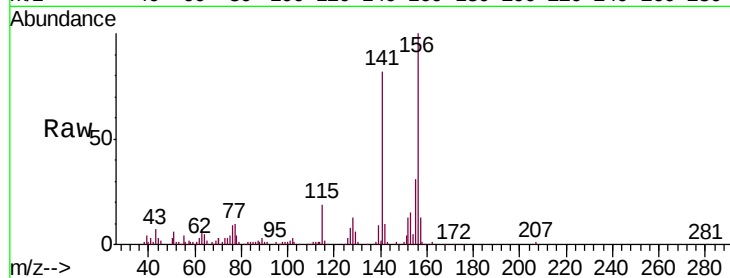
Tot Ion: 83 Resp: 1035

Ion Ratio Lower Upper

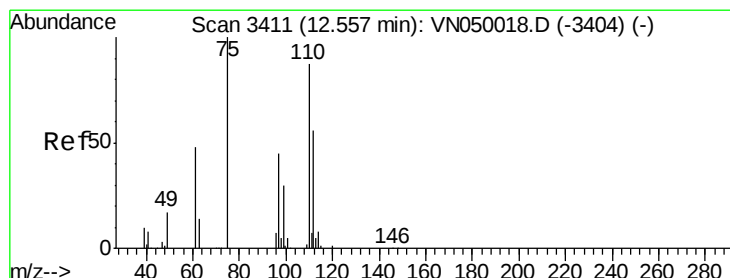
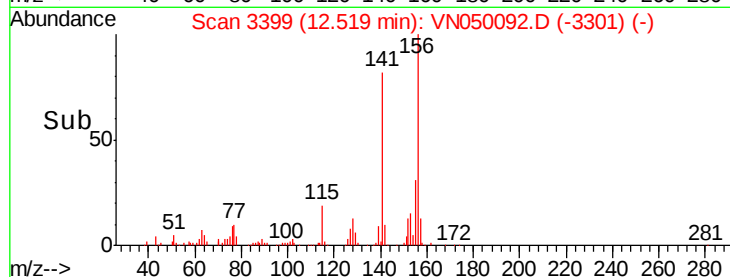
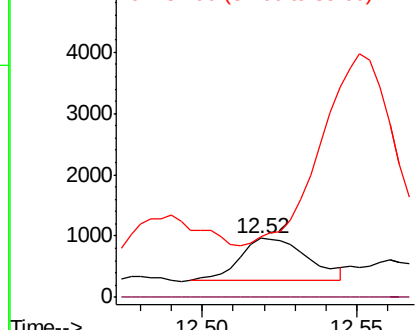
83 100

131 0.0 5.1 15.3#

85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 1.02 ug/l

RT: 12.55 min Scan# 3408

Delta R.T. -0.01 min

Lab File: VN050092.D

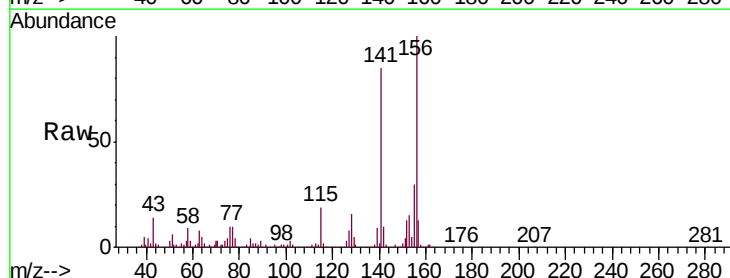
Acq: 26 Jul 2018 19:21

Tgt Ion: 75 Resp: 8677

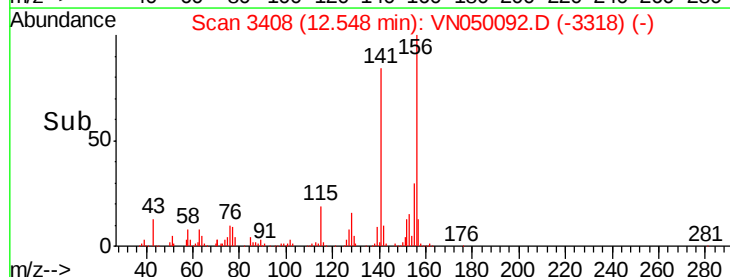
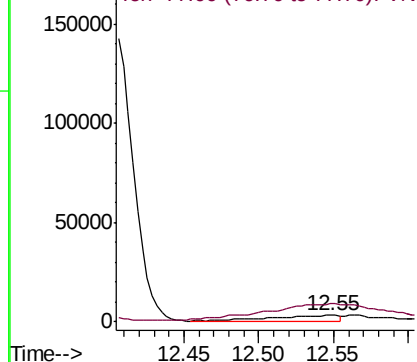
Ion Ratio Lower Upper

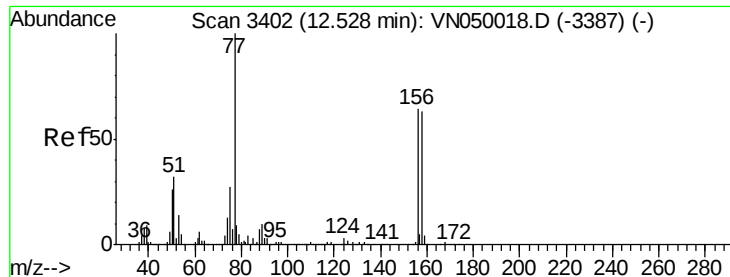
75 100

77 247.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 57.79 ug/l

RT: 12.55 min Scan# 3409

Delta R.T. 0.02 min

Lab File: VN050092.D

Acq: 26 Jul 2018 19:21

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER-TOTES

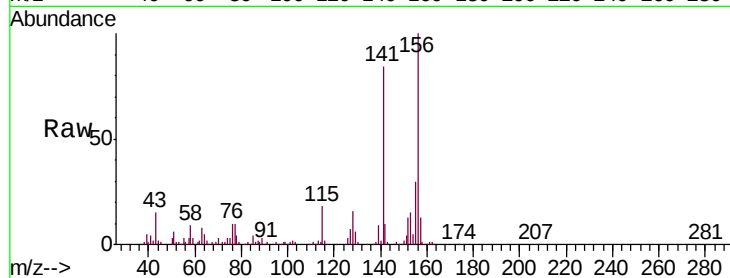
Tot Ion:156 Resp: 570932

Ion Ratio Lower Upper

156 100

77 3.8 91.7 275.1#

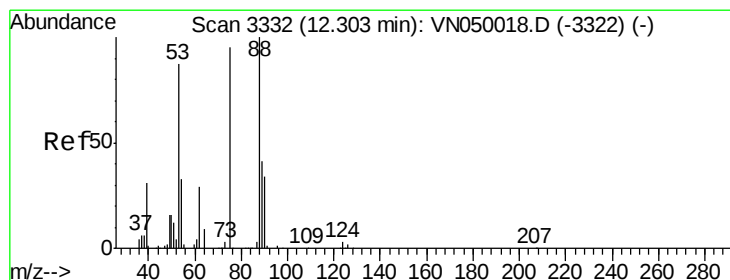
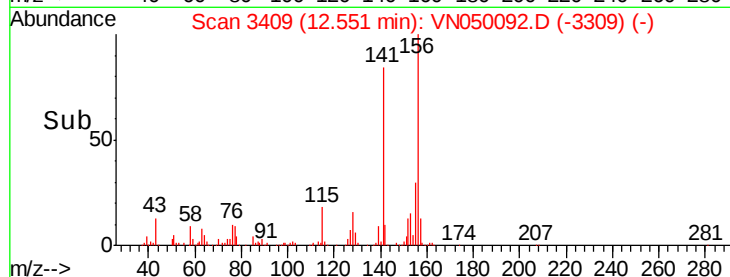
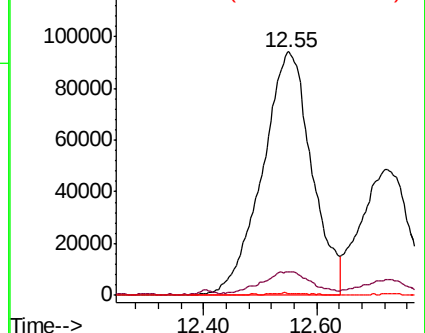
158 0.1 48.9 146.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VNO

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 91.32 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050092.D

Acq: 26 Jul 2018 19:21

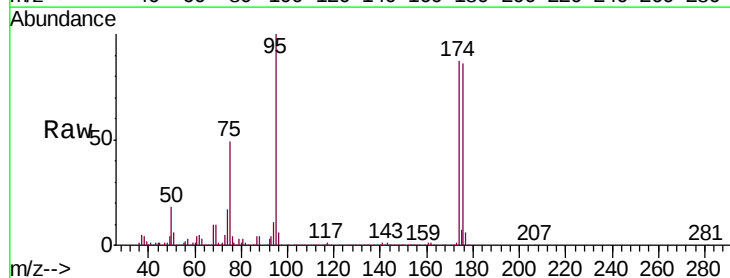
Tgt Ion: 75 Resp: 245908

Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

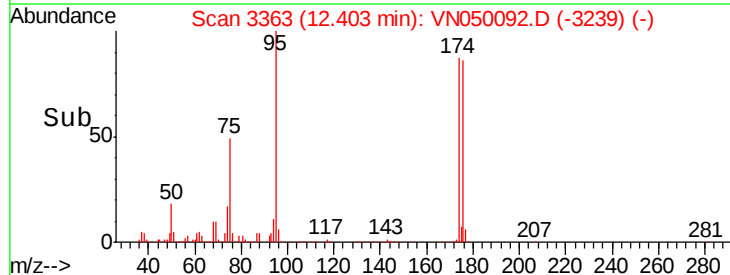
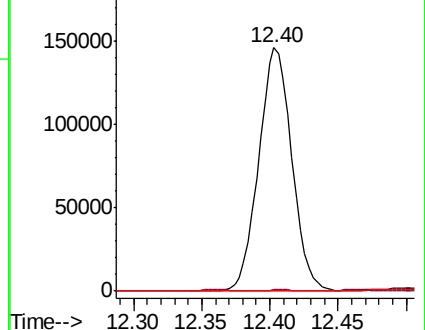
89 0.0 36.0 54.0#

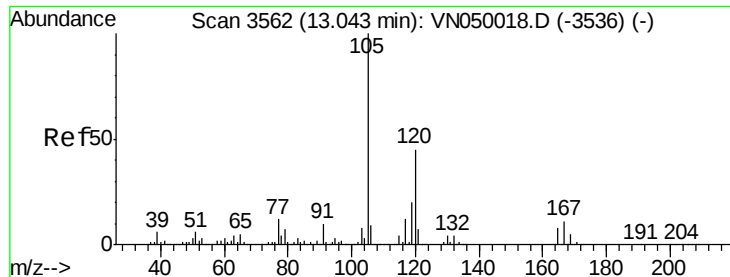


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 0.46 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050092.D

Acq: 26 Jul 2018 19:21

Instrument :

MSVOA_N

ClientSampleId :

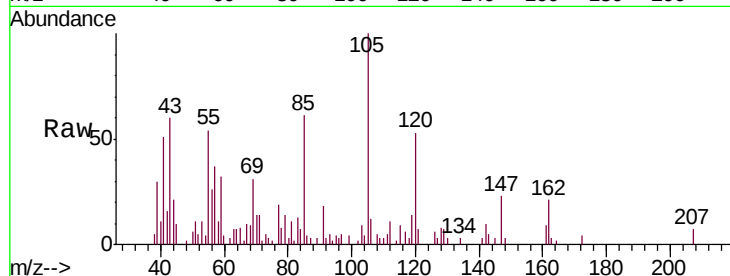
OILY-WATER-TOTES

Tot Ion:105 Resp: 13135

Ion Ratio Lower Upper

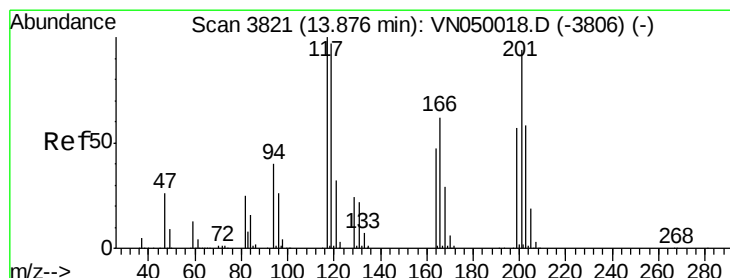
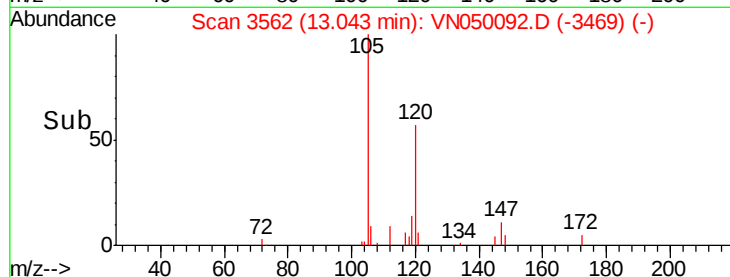
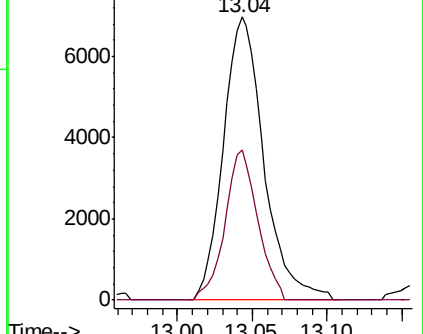
105 100

120 42.9 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#90

Hexachloroethane

Concen: 0.37 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050092.D

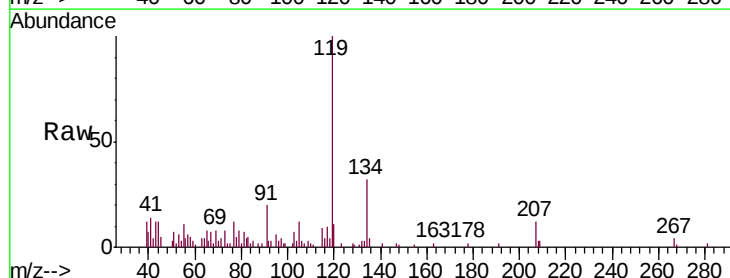
Acq: 26 Jul 2018 19:21

Tgt Ion:117 Resp: 2277

Ion Ratio Lower Upper

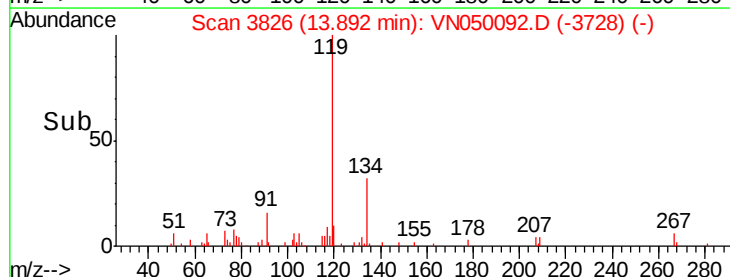
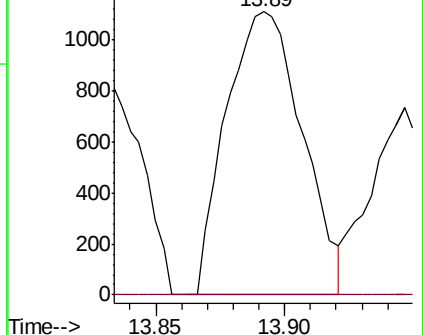
117 100

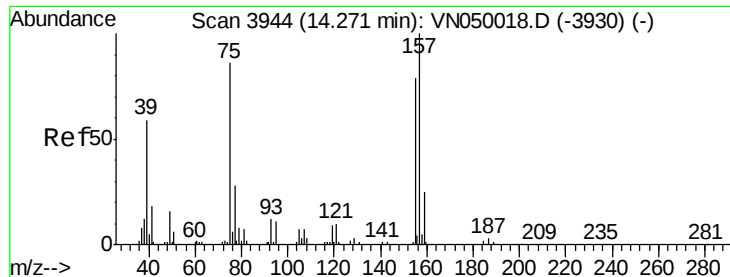
201 0.0 45.6 136.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.26 min Scan# 3939

Delta R.T. -0.02 min

Lab File: VN050092.D

Acq: 26 Jul 2018 19:21

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER-TOTES

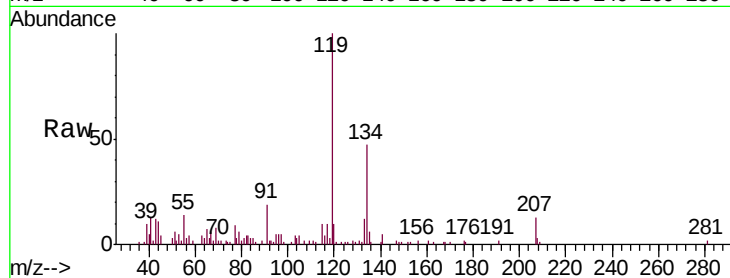
Tot Ion: 75 Resp: 175

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

157 0.0 57.2 171.6#

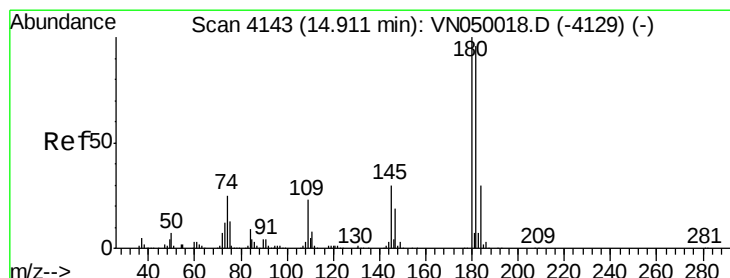
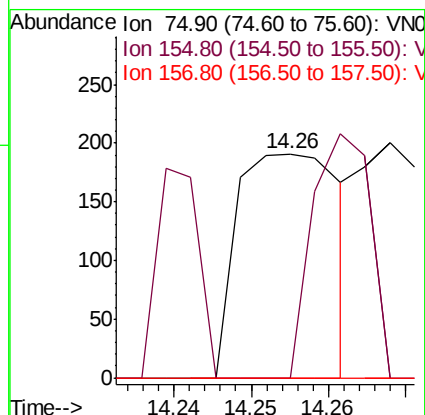
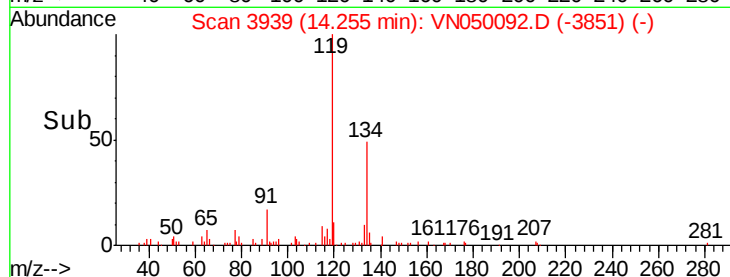


Abundance Ion 74.90 (74.60 to 75.60): VN050018.D (-3930) (-)

Ion 154.80 (154.50 to 155.50): VN050018.D (-3930) (-)

Ion 156.80 (156.50 to 157.50): VN050018.D (-3930) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 3.10 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. 0.00 min

Lab File: VN050092.D

Acq: 26 Jul 2018 19:21

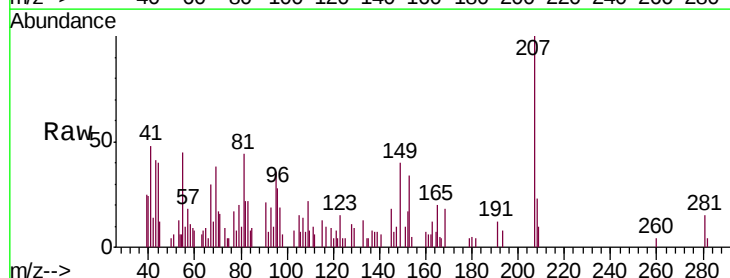
Tgt Ion: 180 Resp: 126

Ion Ratio Lower Upper

180 100

182 46.8 46.7 140.1

145 946.8 13.8 41.4#

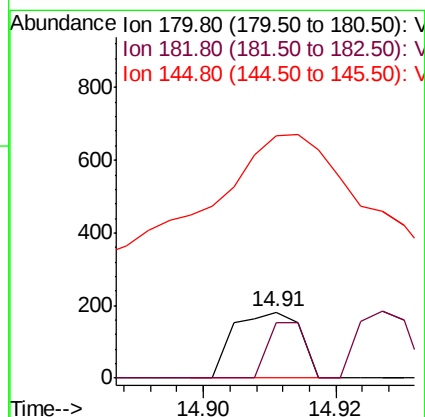
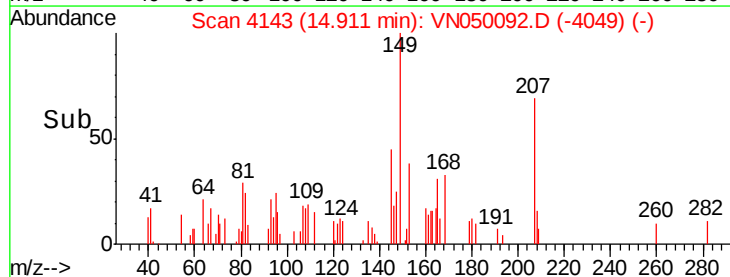


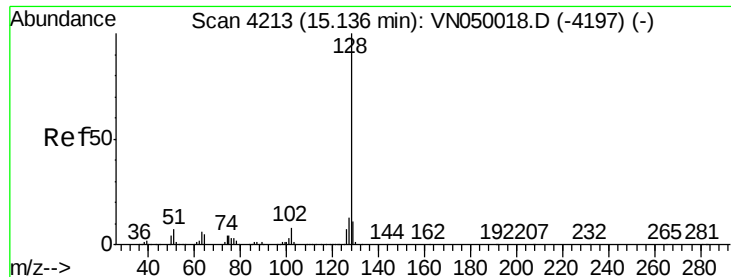
Abundance Ion 179.80 (179.50 to 180.50): VN050018.D (-4129) (-)

Ion 181.80 (181.50 to 182.50): VN050018.D (-4129) (-)

Ion 144.80 (144.50 to 145.50): VN050018.D (-4129) (-)

Time-->





#95

Naphthalene

Concen: 5.43 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050092.D

Acq: 26 Jul 2018 19:21

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER-TOTES

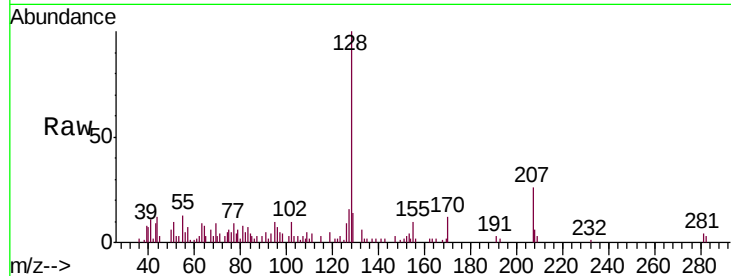
Tot Ion:128 Resp: 23431

Ion Ratio Lower Upper

128 100

127 16.7 10.4 15.6#

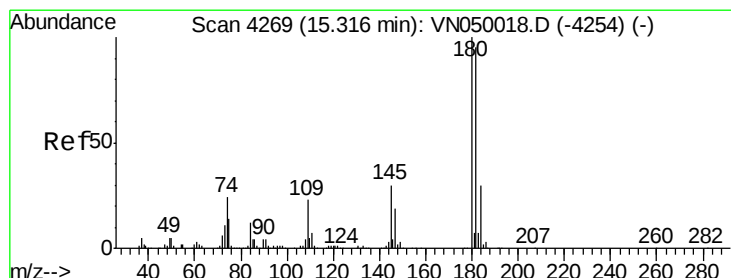
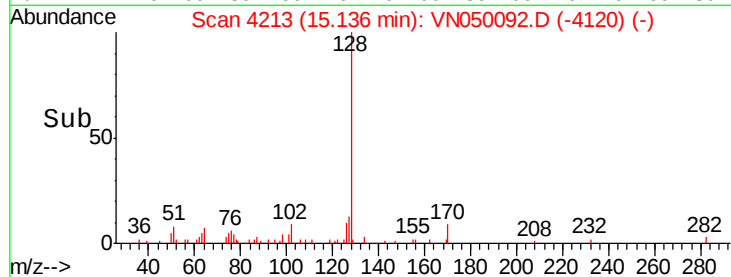
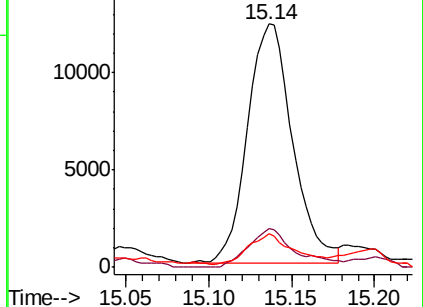
129 12.3 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 2.21 ug/l

RT: 15.31 min Scan# 4266

Delta R.T. -0.01 min

Lab File: VN050092.D

Acq: 26 Jul 2018 19:21

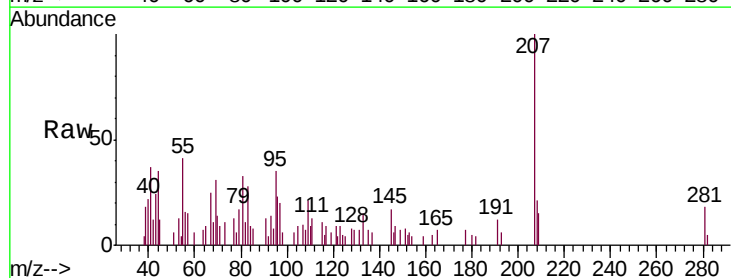
Tgt Ion:180 Resp: 66

Ion Ratio Lower Upper

180 100

182 137.9 48.1 144.4

145 0.0 15.3 45.9#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

