

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110918\
 Data File : VN052241.D
 Acq On : 9 Nov 2018 21:36
 Operator : MD\SY
 Sample : J5861-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 CY-OILY-WATER

Quant Time: Nov 12 03:26:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	355714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	595614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	474596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	158136	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	226192	46.49	ug/l	0.00
Spiked Amount			Recovery	=	92.98%	
35) Dibromofluoromethane	7.59	113	183976	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	
50) Toluene-d8	10.09	98	719825	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	
62) 4-Bromofluorobenzene	12.40	95	197246	40.39	ug/l	0.00
Spiked Amount			Recovery	=	80.78%	

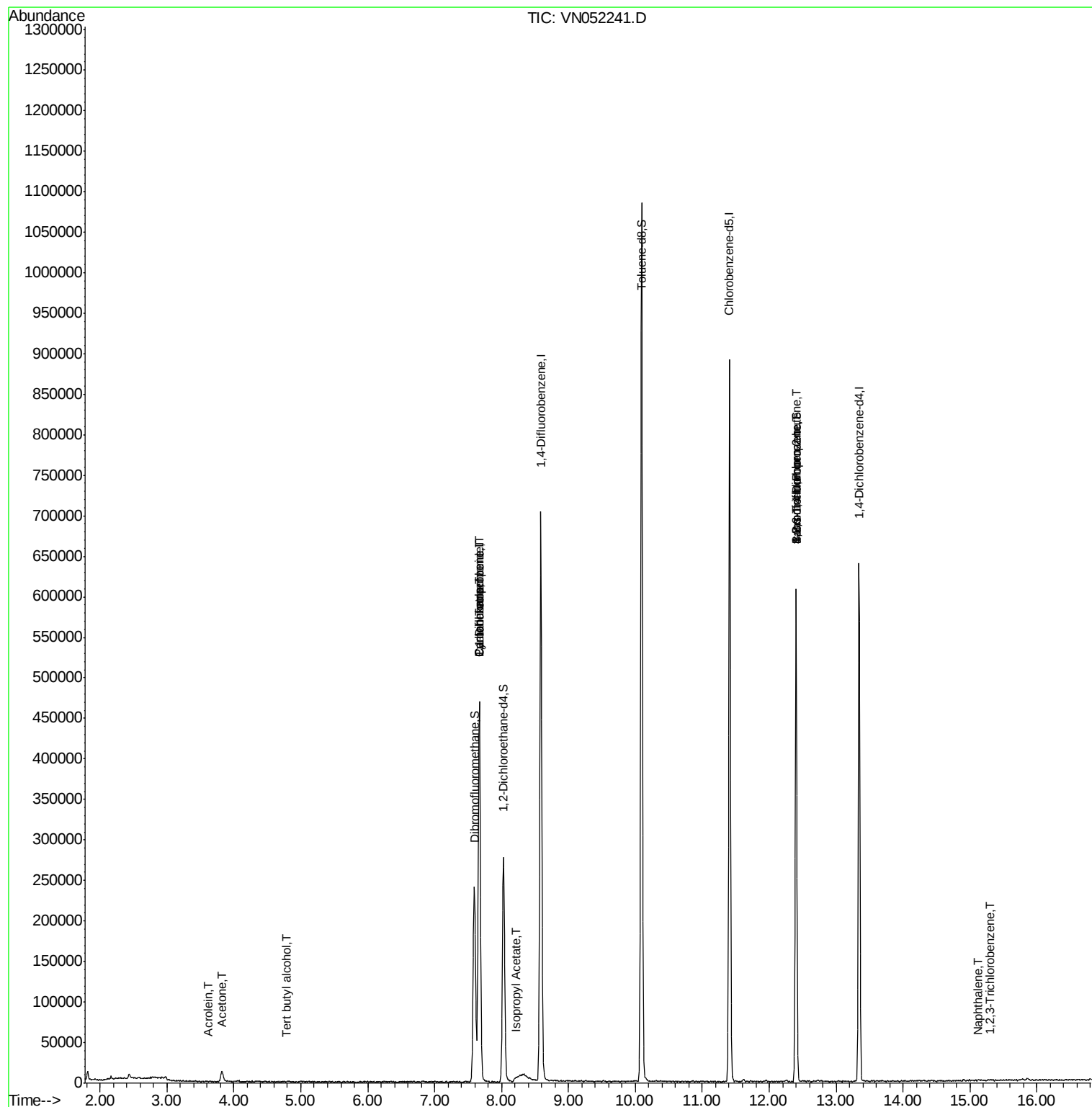
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.79	59	97	0.389	ug/l #	71
13) Acrolein	3.61	56	173	34.485	ug/l #	82
16) Acetone	3.82	43	22517	6.543	ug/l	99
31) Cyclohexane	7.67	56	10623	0.731	ug/l #	23
36) 1,1-Dichloropropene	7.67	75	31007	5.158	ug/l #	51
38) Carbon Tetrachloride	7.67	117	35907	6.591	ug/l #	16
43) Isopropyl Acetate	8.21	43	3156	0.400	ug/l #	64
71) Bromoform	12.39	173	652	0.321	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	108872	38.913	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	108872	132.827	ug/l #	8
95) Naphthalene	15.13	128	1171	0.234	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.32	180	582	0.303	ug/l #	56

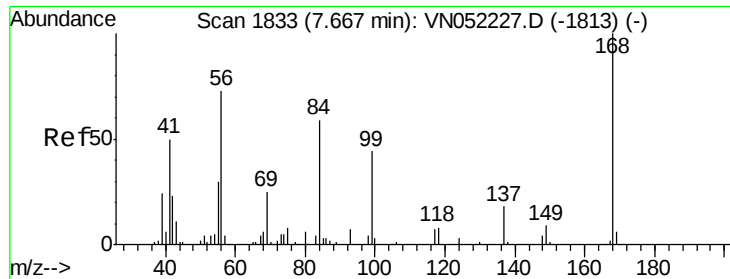
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN052241.D
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Quant Time: Nov 12 03:26:10 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 00:34:27 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052241.D

Acq: 9 Nov 2018 21:36

Instrument :

MSVOA_N

ClientSampleId :

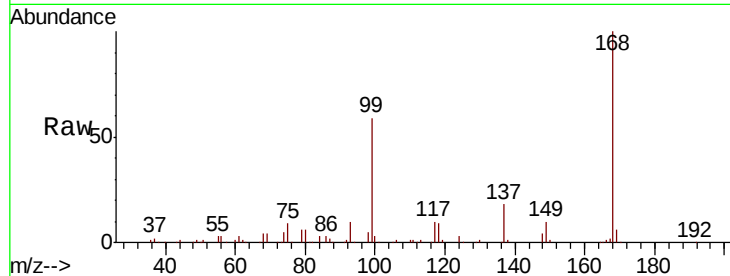
CY-OILY-WATER

Tot Ion:168 Resp: 355714

Ion Ratio Lower Upper

168 100

99 58.9 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

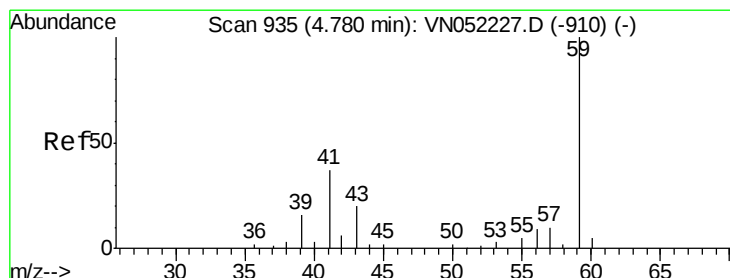
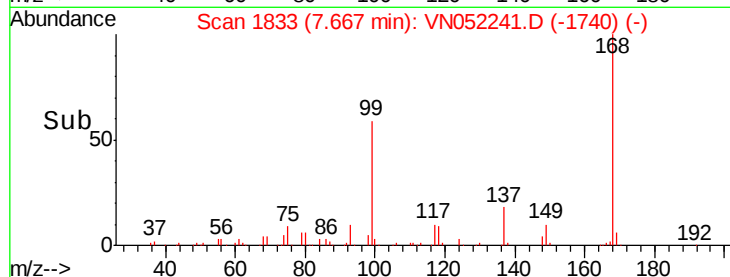
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.389 ug/l

RT: 4.79 min Scan# 938

Delta R.T. 0.01 min

Lab File: VN052241.D

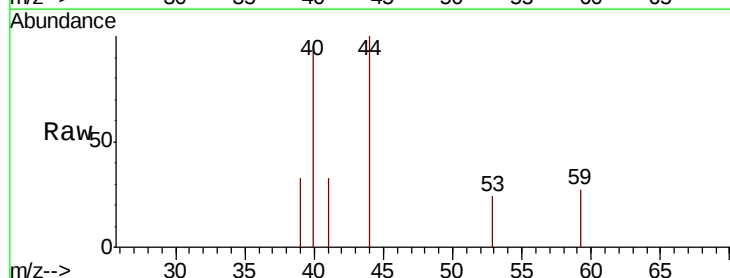
Acq: 9 Nov 2018 21:36

Tgt Ion: 59 Resp: 97

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.79

200

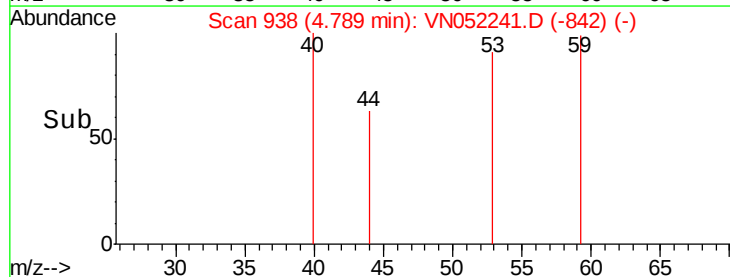
150

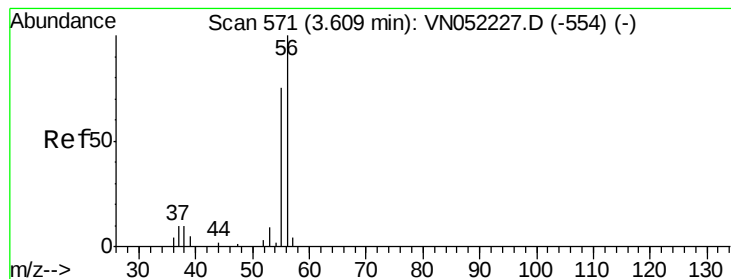
100

50

0

Time-->





#13

Acrolein

Concen: 34.485 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052241.D

Acq: 9 Nov 2018 21:36

Instrument :

MSVOA_N

ClientSampleId :

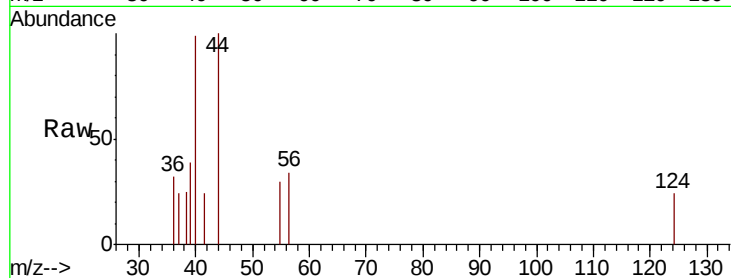
CY-OILY-WATER

Tot Ion: 56 Resp: 173

Ion Ratio Lower Upper

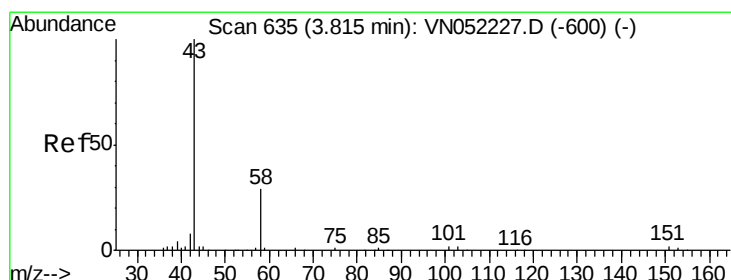
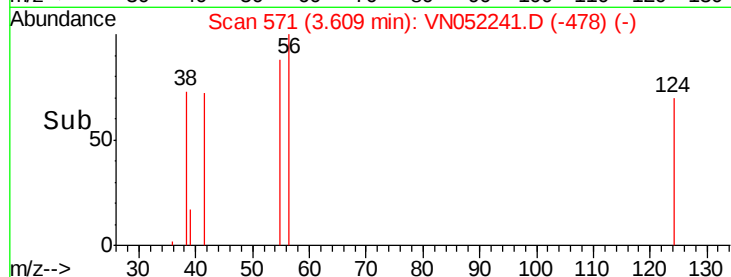
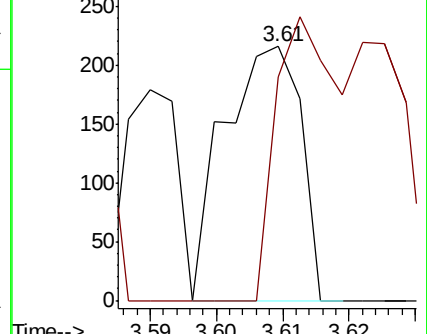
56 100

55 90.2 59.9 89.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 6.543 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052241.D

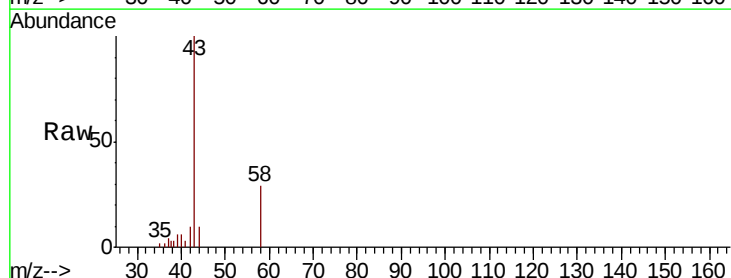
Acq: 9 Nov 2018 21:36

Tgt Ion: 43 Resp: 22517

Ion Ratio Lower Upper

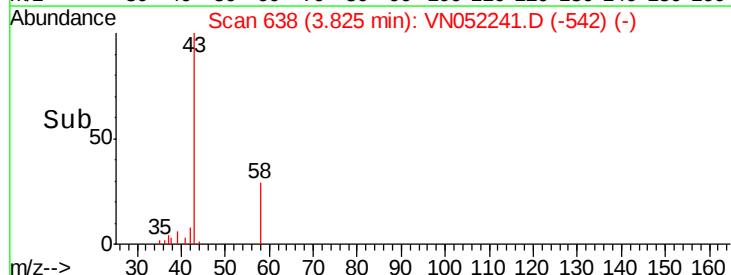
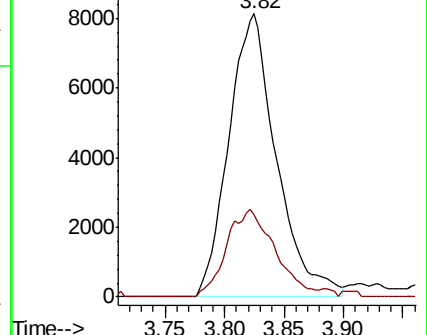
43 100

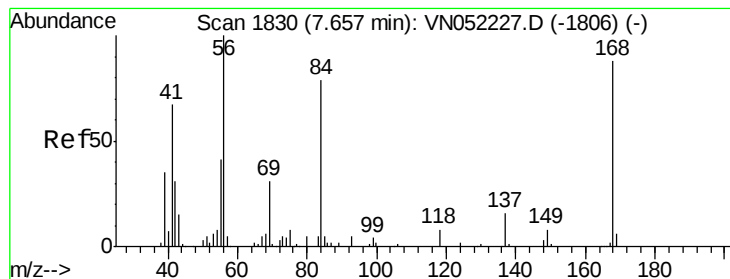
58 29.2 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#31

Cyclohexane

Concen: 0.731 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.01 min

Lab File: VN052241.D

Acq: 9 Nov 2018 21:36

Instrument :

MSVOA_N

ClientSampleId :

CY-OILY-WATER

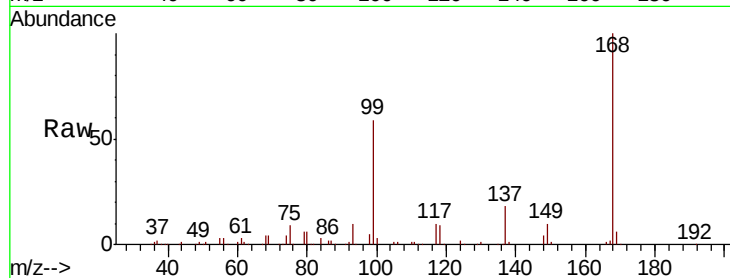
Tot Ion: 56 Resp: 10623

Ion Ratio Lower Upper

56 100

69 139.2 24.8 37.2#

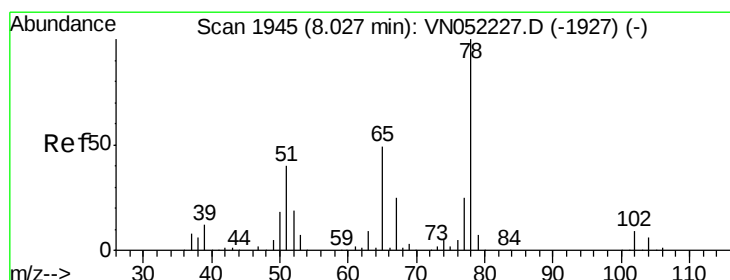
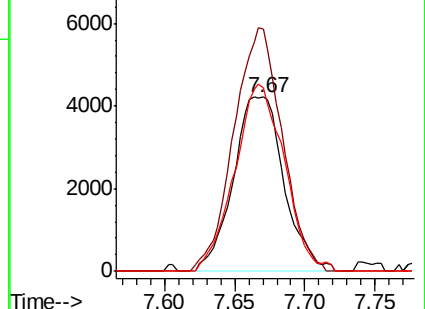
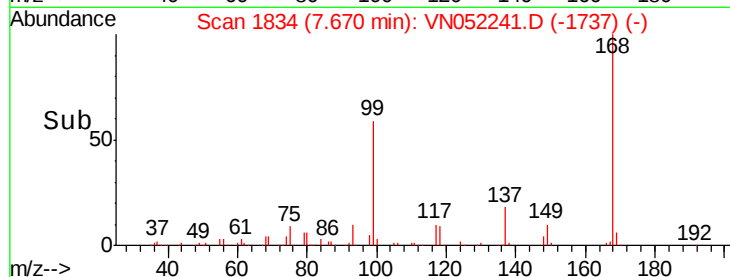
84 105.5 63.1 94.7#



Abundance Ion 56.00 (55.70 to 56.70): VN052227.D (-1806) (-)

Ion 69.00 (68.70 to 69.70): VN052227.D (-1806) (-)

Ion 84.00 (83.70 to 84.70): VN052227.D (-1806) (-)



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052241.D

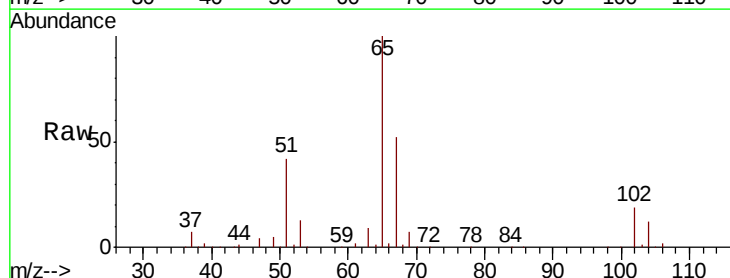
Acq: 9 Nov 2018 21:36

Tgt Ion: 65 Resp: 226192

Ion Ratio Lower Upper

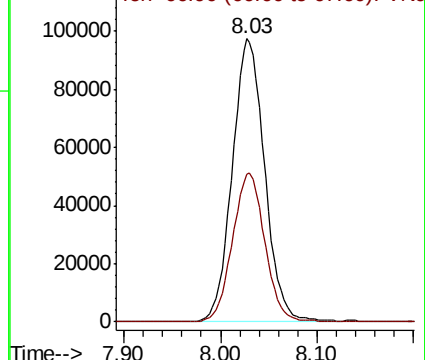
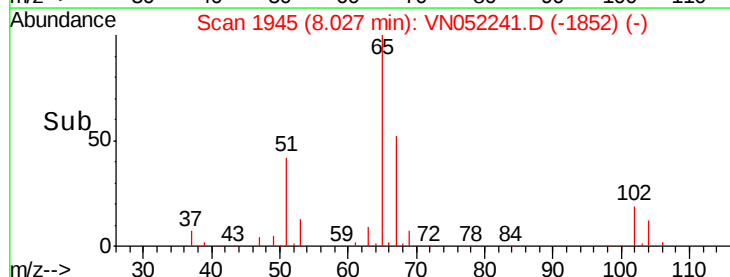
65 100

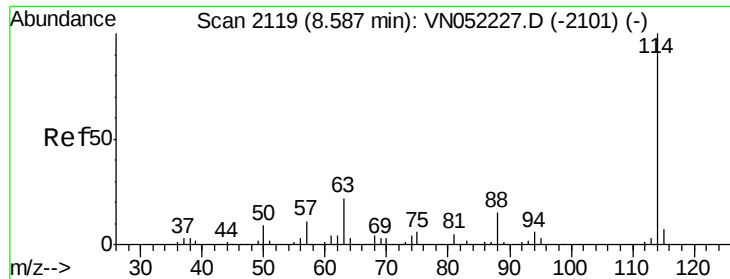
67 52.5 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VN052227.D (-1927) (-)

Ion 66.90 (66.60 to 67.60): VN052227.D (-1927) (-)

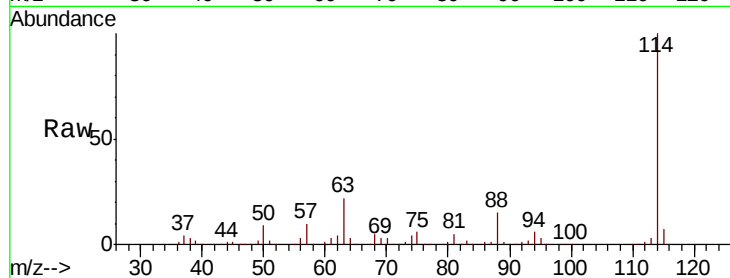




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052241.D
 Acq: 9 Nov 2018 21:36

Instrument :
 MSVOA_N
 ClientSampleId :
 CY-OILY-WATER

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.4
88	15.5	0.0	30.2

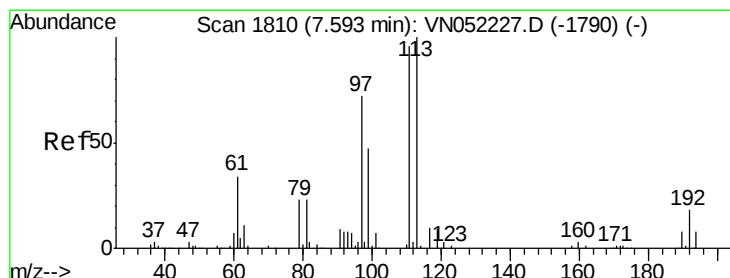
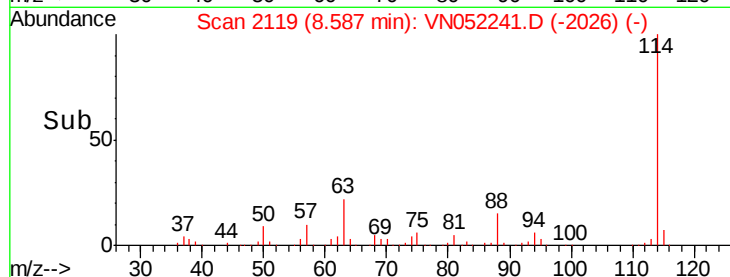
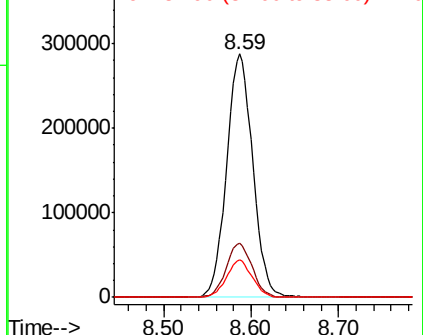


Abundance

Ion 113.90 (113.60 to 114.60): V

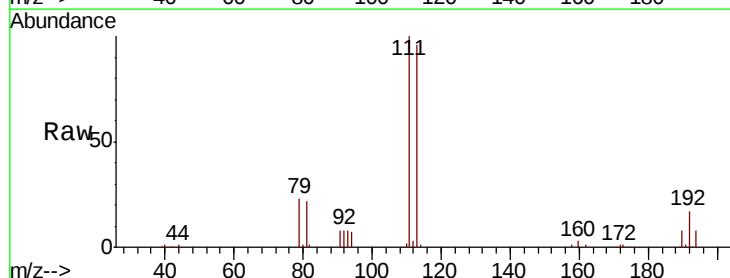
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052241.D
 Acq: 9 Nov 2018 21:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.2	120.4
192	17.3	14.1	21.1

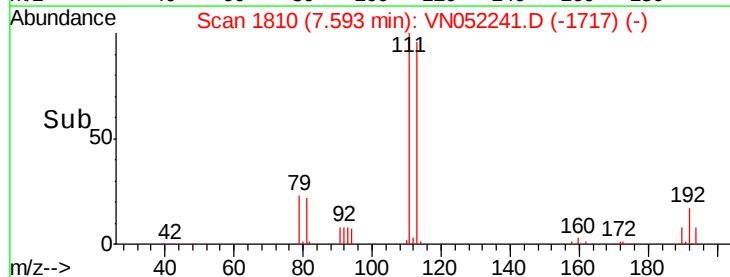
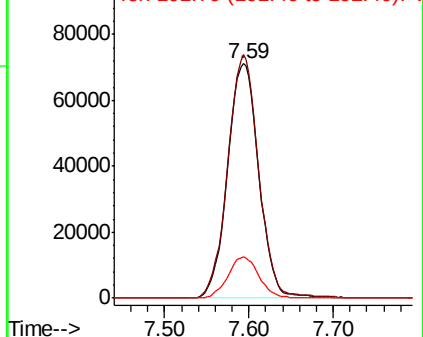


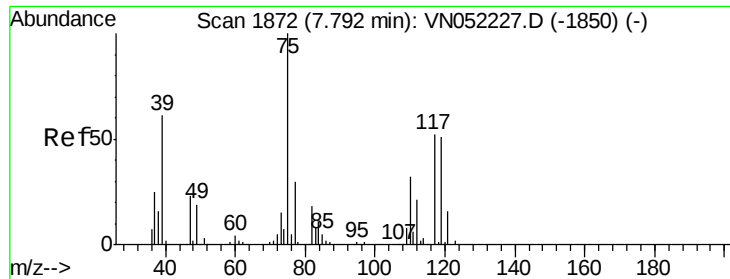
Abundance

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

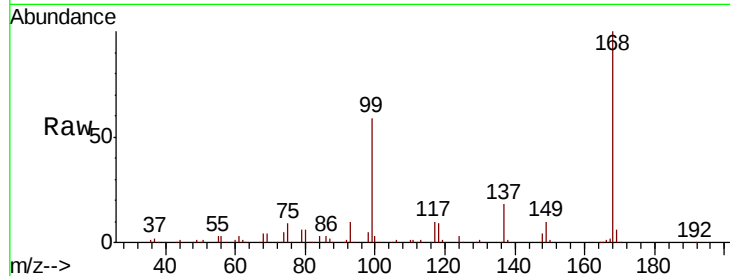




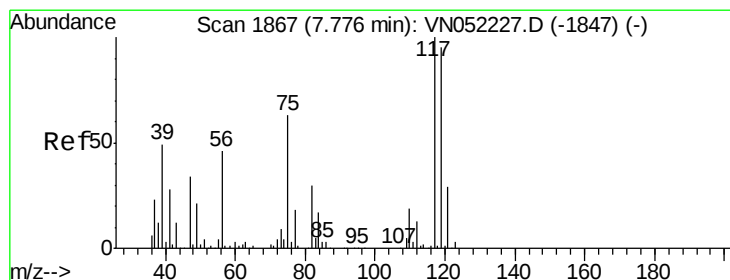
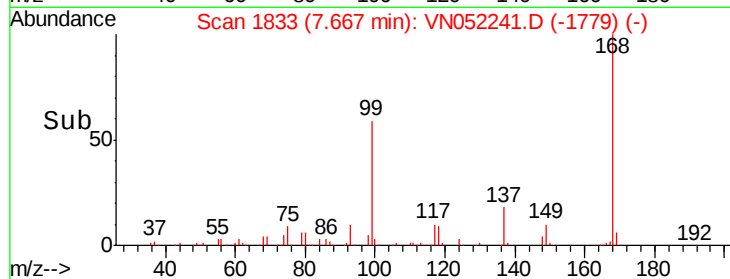
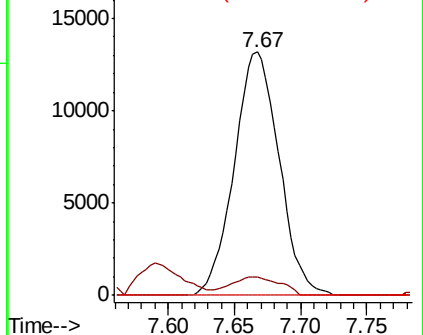
#36
 1,1-Dichloropropene
 Concen: 5.158 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052241.D
 Acq: 9 Nov 2018 21:36

Instrument :
 MSVOA_N
 ClientSampleId :
 CY-OILY-WATER

Tot Ion: 75 Resp: 31007
 Ion Ratio Lower Upper
 75 100
 110 8.2 16.4 49.4#
 77 0.0 23.9 35.9#

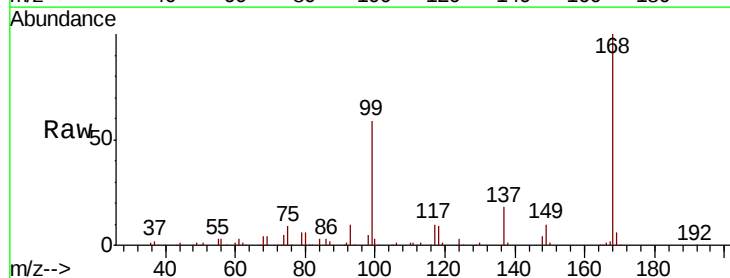


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

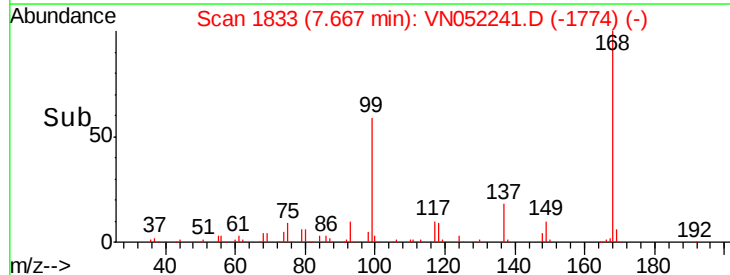
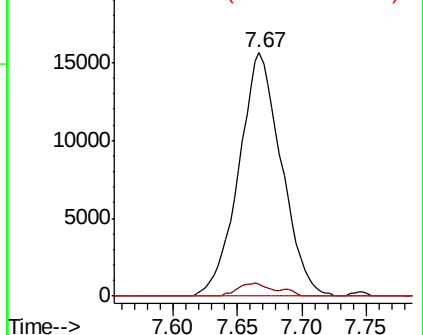


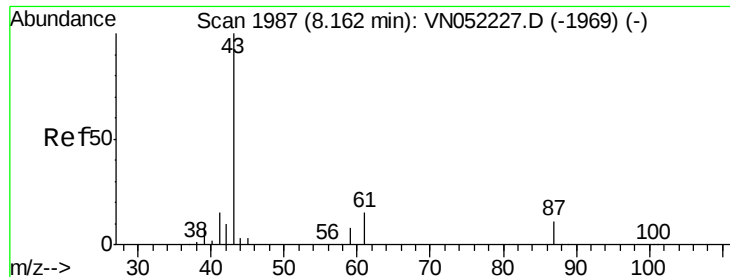
#38
 Carbon Tetrachloride
 Concen: 6.591 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN052241.D
 Acq: 9 Nov 2018 21:36

Tgt Ion: 117 Resp: 35907
 Ion Ratio Lower Upper
 117 100
 119 4.9 75.8 113.8#
 121 0.0 23.4 35.2#



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: 0.400 ug/l

RT: 8.21 min Scan# 2001

Delta R.T. 0.05 min

Lab File: VN052241.D

Acq: 9 Nov 2018 21:36

Instrument :

MSVOA_N

ClientSampleId :

CY-OILY-WATER

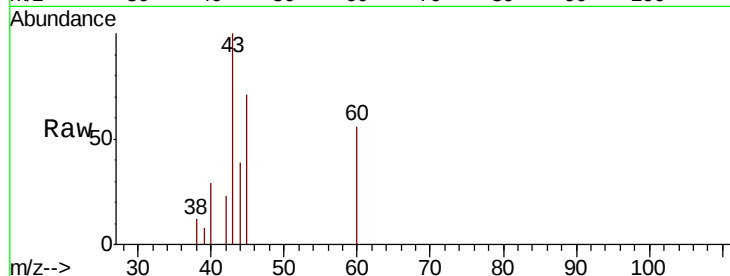
Tot Ion: 43 Resp: 3156

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

87 0.0 8.4 12.6#

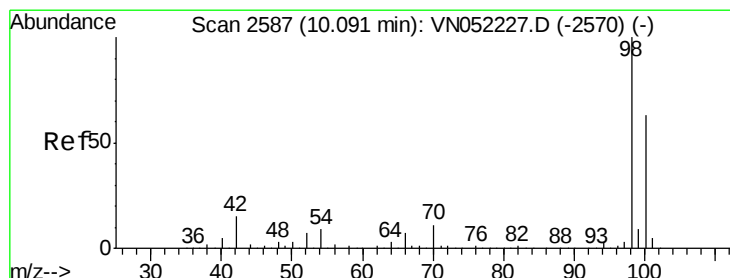
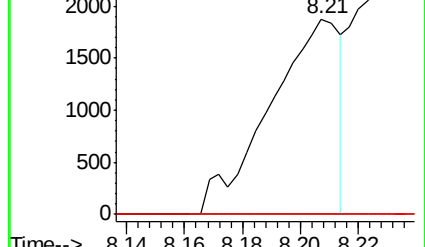
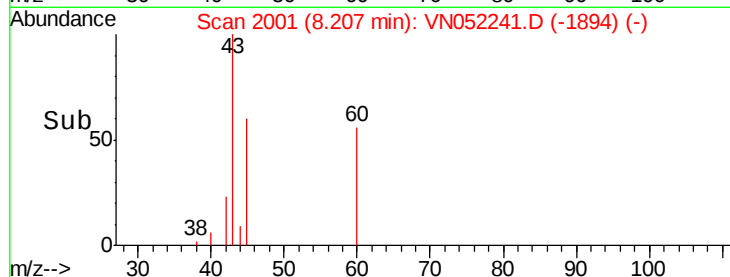


Abundance Ion 43.00 (42.70 to 43.70): VN052227.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN052227.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN052227.D (-1969) (-)

Time-->



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052241.D

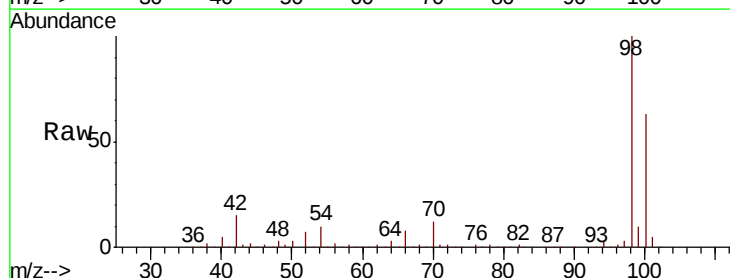
Acq: 9 Nov 2018 21:36

Tgt Ion: 98 Resp: 719825

Ion Ratio Lower Upper

98 100

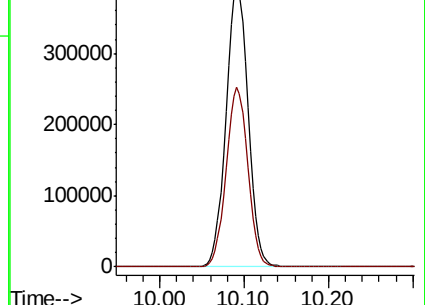
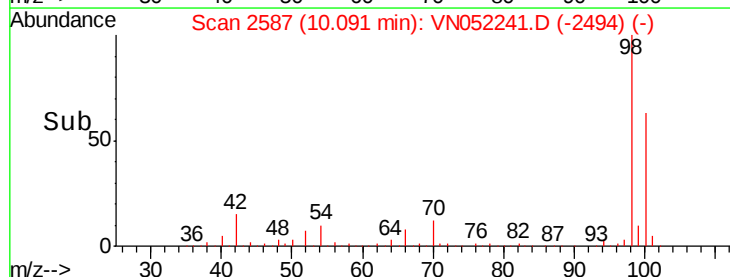
100 62.5 50.2 75.2

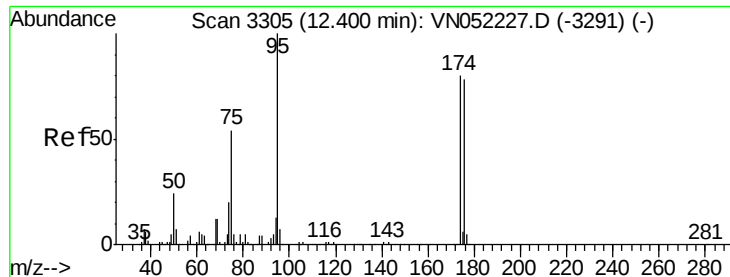


Abundance Ion 98.00 (97.70 to 98.70): VN052227.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052227.D (-2570) (-)

Time-->





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052241.D

Acq: 9 Nov 2018 21:36

Instrument :

MSVOA_N

ClientSampleId :

CY-OILY-WATER

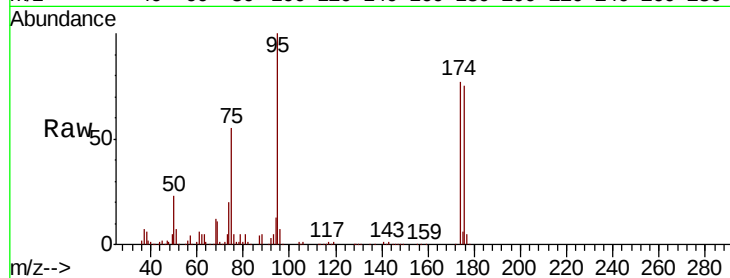
Tot Ion: 95 Resp: 197246

Ion Ratio Lower Upper

95 100

174 77.7 0.0 159.4

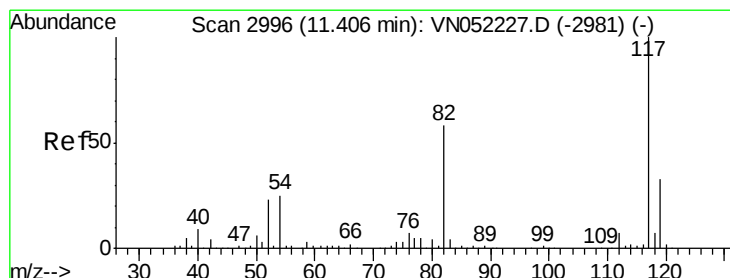
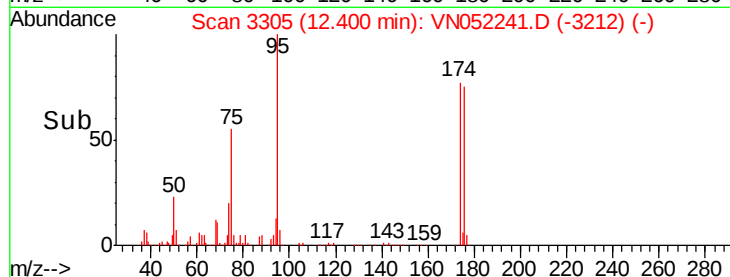
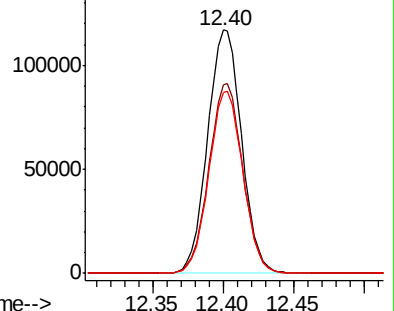
176 74.8 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN052227.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052227.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052227.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052241.D

Acq: 9 Nov 2018 21:36

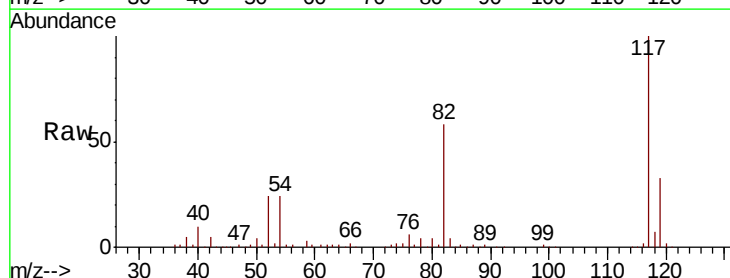
Tgt Ion: 117 Resp: 474596

Ion Ratio Lower Upper

117 100

82 58.1 46.2 69.2

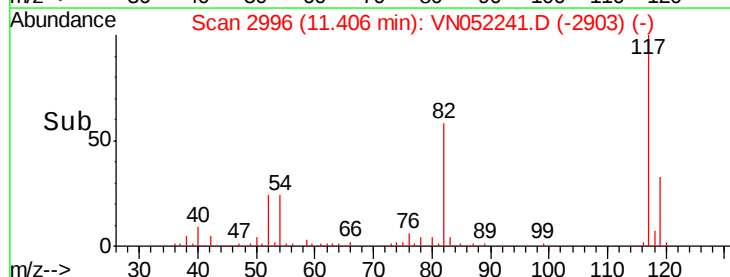
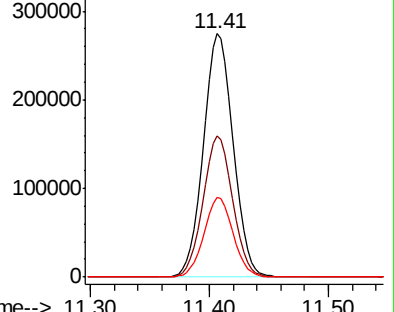
119 32.6 26.2 39.4

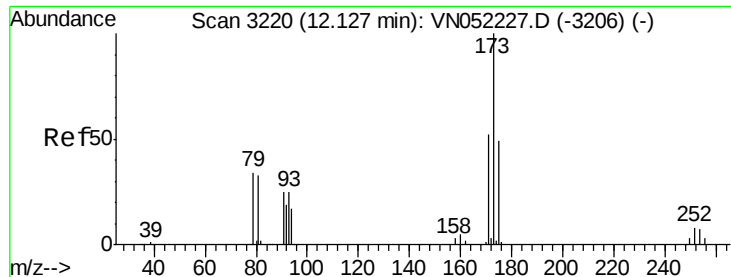


Abundance Ion 116.90 (116.60 to 117.60): VN052227.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN052227.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN052227.D (-2981) (-)





#71

Bromoform

Concen: 0.321 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.27 min

Lab File: VN052241.D

Acq: 9 Nov 2018 21:36

Instrument :

MSVOA_N

ClientSampleId :

CY-OILY-WATER

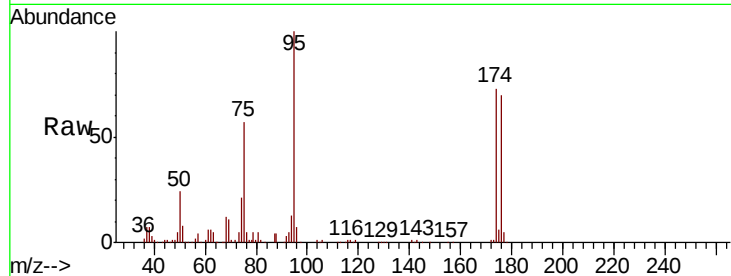
Tot Ion:173 Resp: 652

Ion Ratio Lower Upper

173 100

175 1587.1 24.5 73.5#

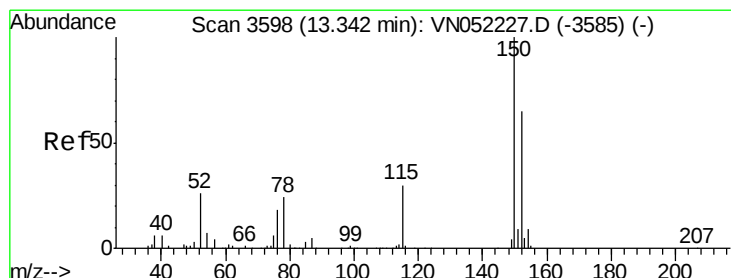
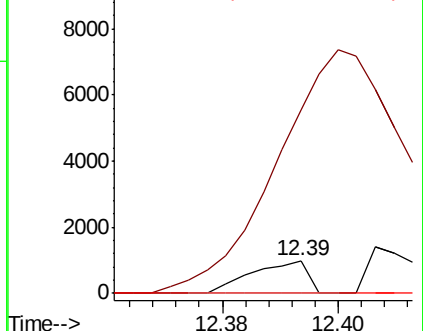
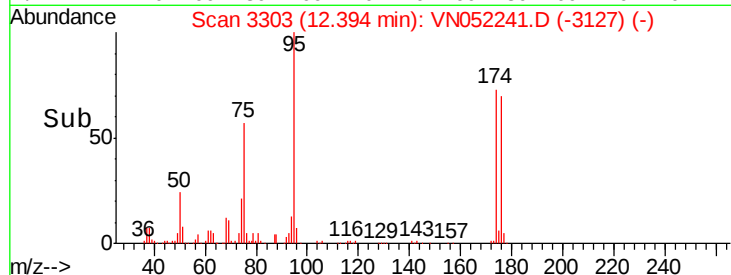
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052241.D

Acq: 9 Nov 2018 21:36

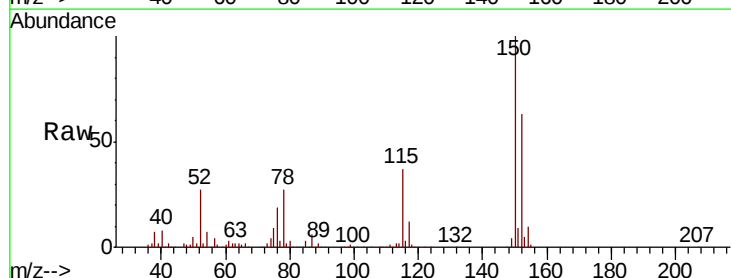
Tgt Ion:152 Resp: 158136

Ion Ratio Lower Upper

152 100

115 59.8 29.8 89.5

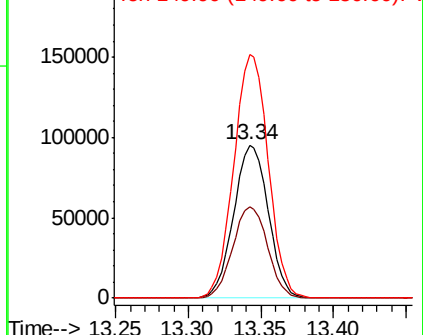
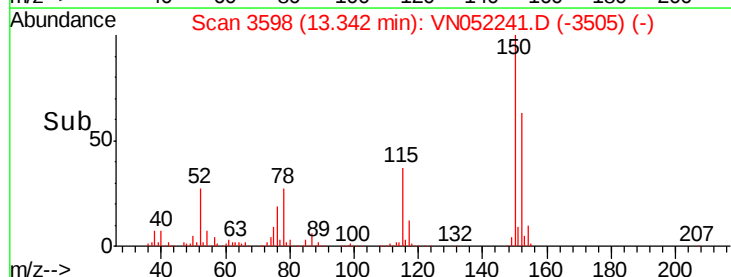
150 158.1 0.0 350.2

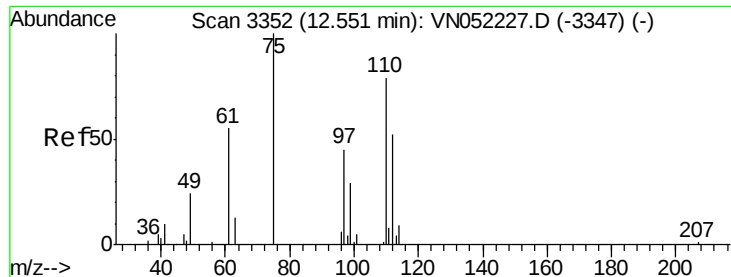


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 38.913 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052241.D

Acq: 9 Nov 2018 21:36

Instrument :

MSVOA_N

ClientSampleId :

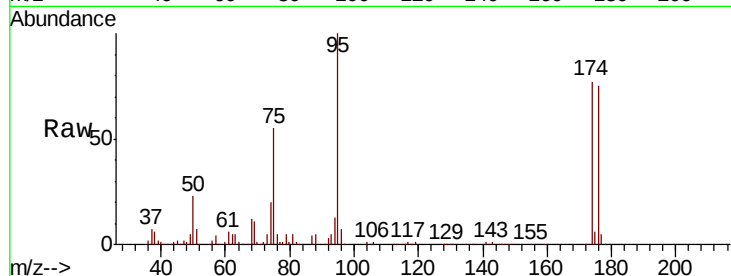
CY-OILY-WATER

Tot Ion: 75 Resp: 108872

Ion Ratio Lower Upper

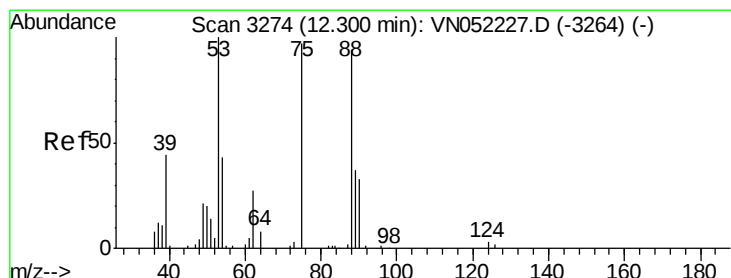
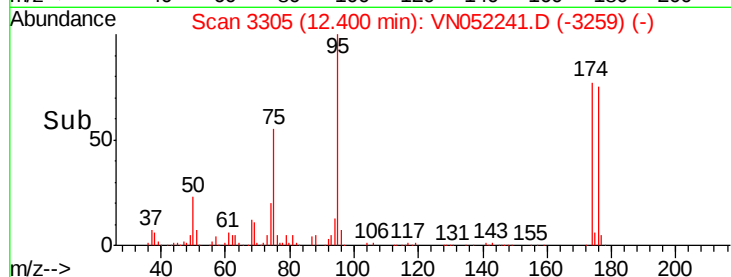
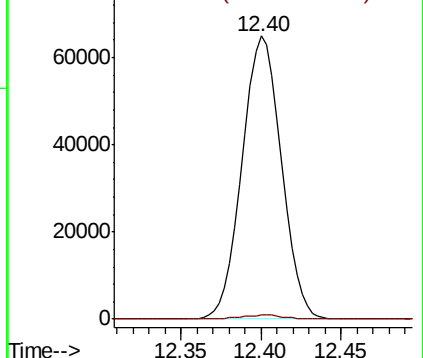
75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 132.827 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052241.D

Acq: 9 Nov 2018 21:36

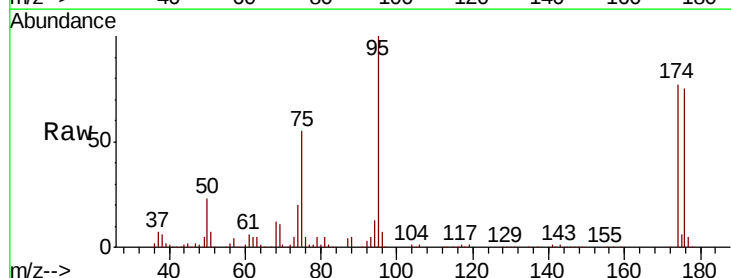
Tgt Ion: 75 Resp: 108872

Ion Ratio Lower Upper

75 100

53 0.1 84.0 126.0#

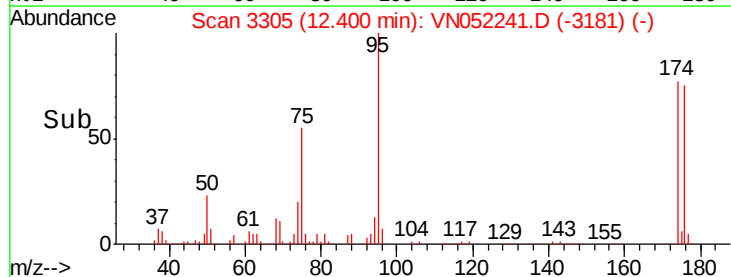
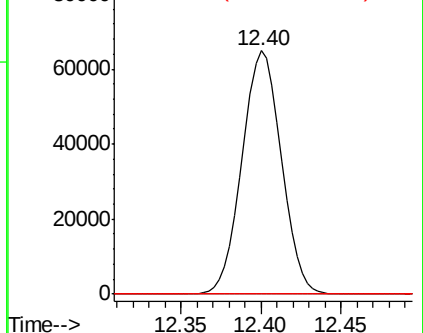
89 0.0 33.7 50.5#

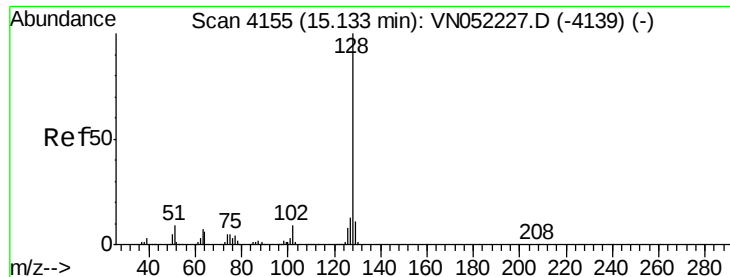


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#95

Naphthalene

Concen: 0.234 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN052241.D

Acq: 9 Nov 2018 21:36

Instrument :

MSVOA_N

ClientSampleId :

CY-OILY-WATER

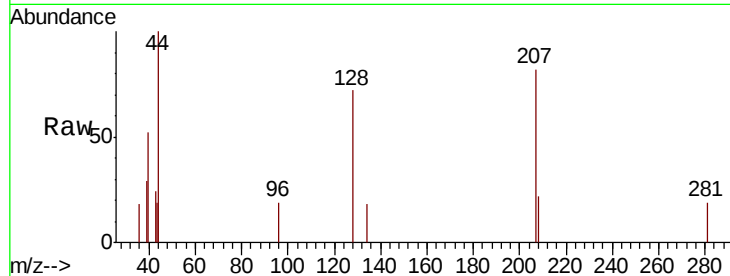
Tot Ion:128 Resp: 1171

Ion Ratio Lower Upper

128 100

127 2.7 10.6 16.0#

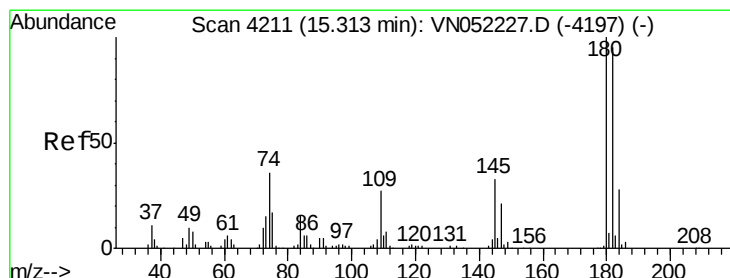
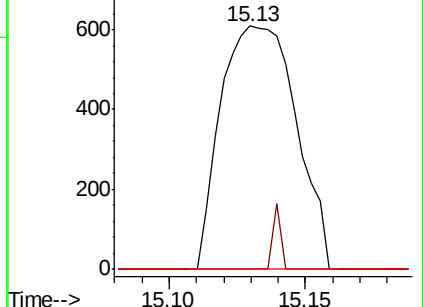
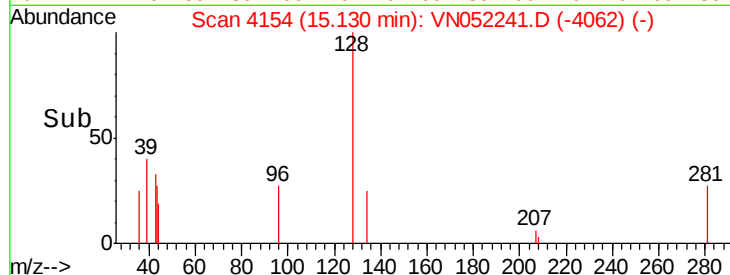
129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.303 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN052241.D

Acq: 9 Nov 2018 21:36

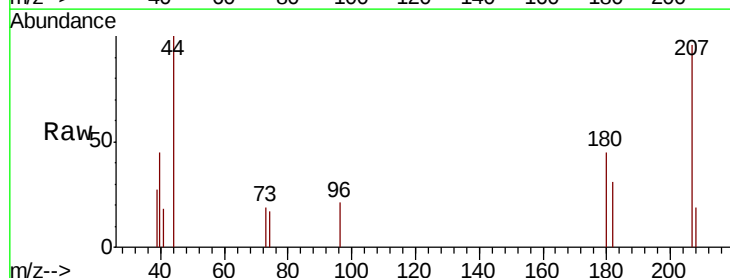
Tgt Ion:180 Resp: 582

Ion Ratio Lower Upper

180 100

182 57.4 47.7 143.1

145 0.0 16.8 50.3#



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

