

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121318\
 Data File : VN052874.D
 Acq On : 13 Dec 2018 19:34
 Operator : MD\SY
 Sample : J6373-10DL2 100X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-WATERDL

Quant Time: Dec 14 01:43:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1261098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1943072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1724887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	715796	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	629518	46.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.90%	
35) Dibromofluoromethane	7.59	113	556658	51.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.64%	
50) Toluene-d8	10.09	98	2358790	50.16	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.40	95	778966	48.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.76%	

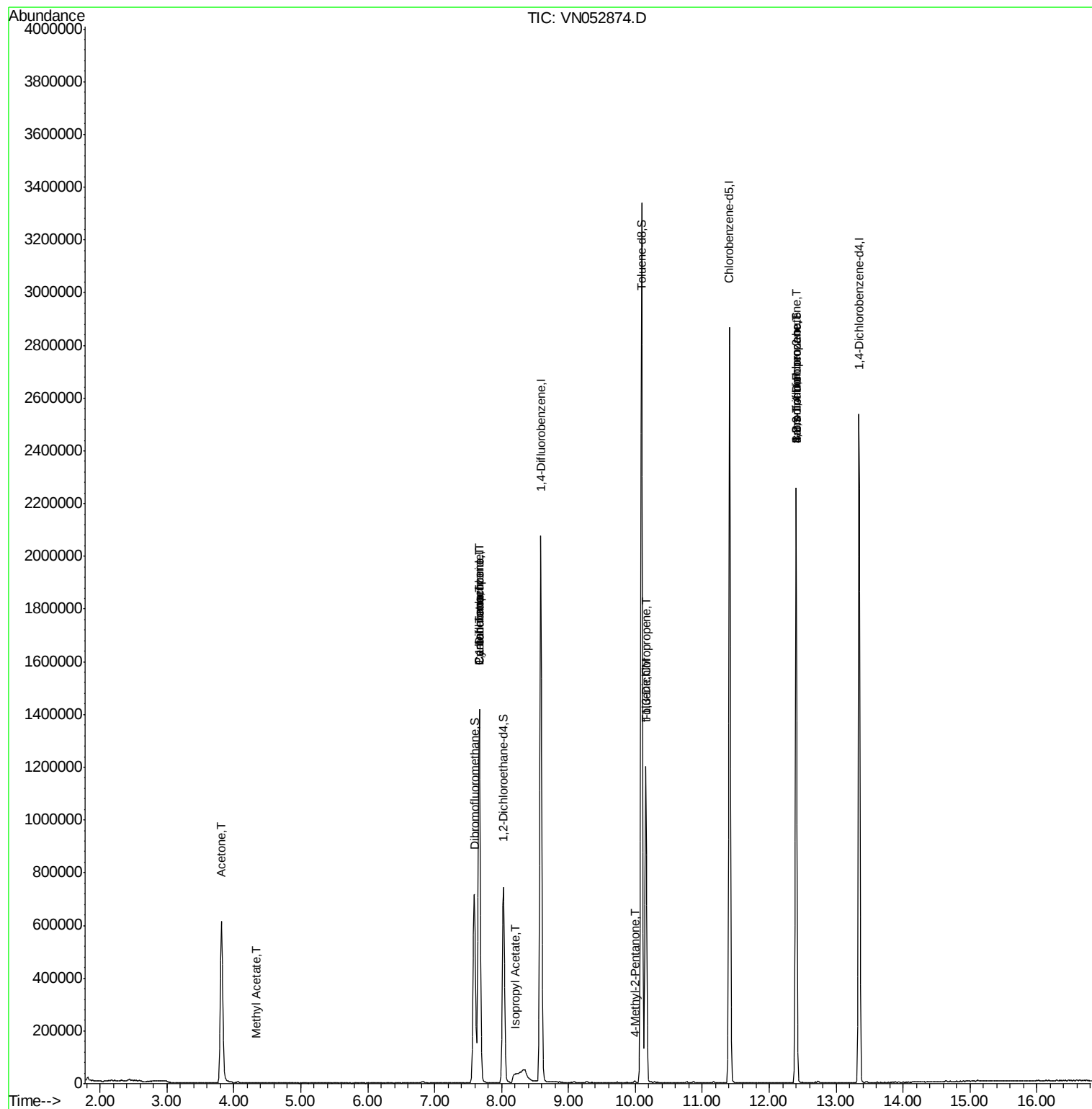
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	1038196	344.734	ug/l	98
18) Methyl Acetate	4.34	43	2861	0.259	ug/l #	70
31) Cyclohexane	7.66	56	20439	0.323	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	81917	4.578	ug/l #	44
38) Carbon Tetrachloride	7.66	117	110931	6.735	ug/l #	16
43) Isopropyl Acetate	8.20	43	31528	1.431	ug/l #	53
51) 4-Methyl-2-Pentanone	9.99	43	3867	0.383	ug/l	99
52) Toluene	10.16	92	536369	16.490	ug/l	100
53) t-1,3-Dichloropropene	10.16	75	5748	0.338	ug/l #	1
71) Bromoform	12.40	173	4852	0.574	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	365043	34.566	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	365043	111.043	ug/l #	12

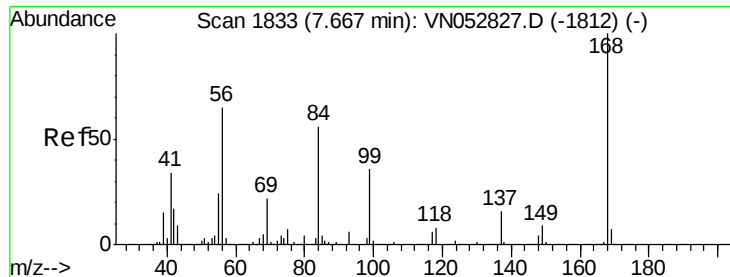
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 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: VN052874.D

Acq: 13 Dec 2018 19:34

Instrument :

MSVOA_N

ClientSampleId :

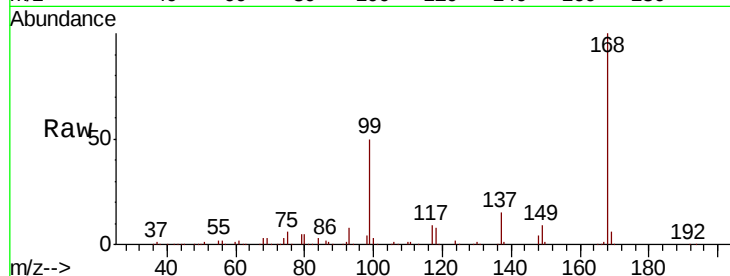
OILY-WATERDL

Tot Ion:168 Resp: 1261098

Ion Ratio Lower Upper

168 100

99 50.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052827.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052827.D (-1812) (-)

7.67

600000

500000

400000

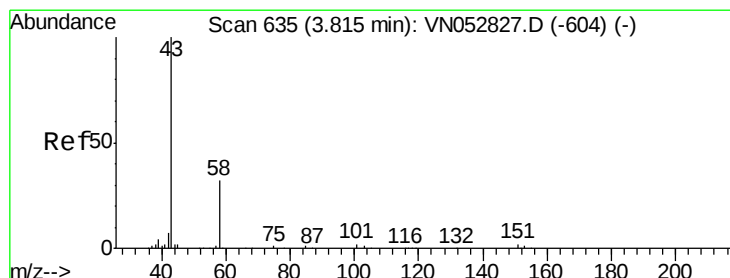
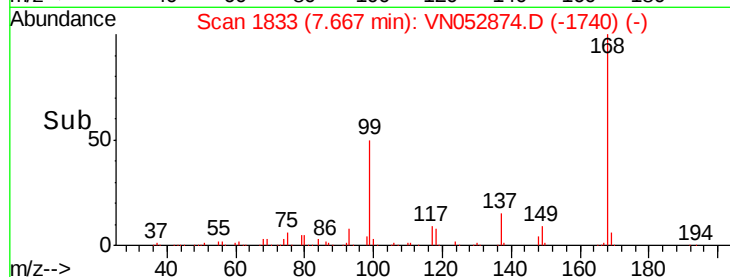
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 344.734 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN052874.D

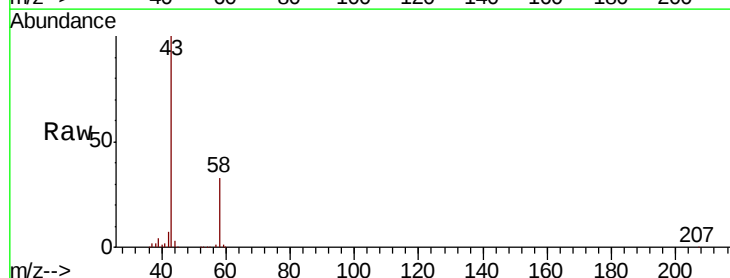
Acq: 13 Dec 2018 19:34

Tgt Ion: 43 Resp: 1038196

Ion Ratio Lower Upper

43 100

58 33.0 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN052827.D (-604) (-)

3.82

400000

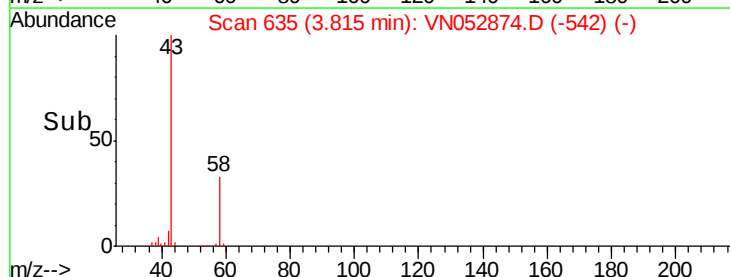
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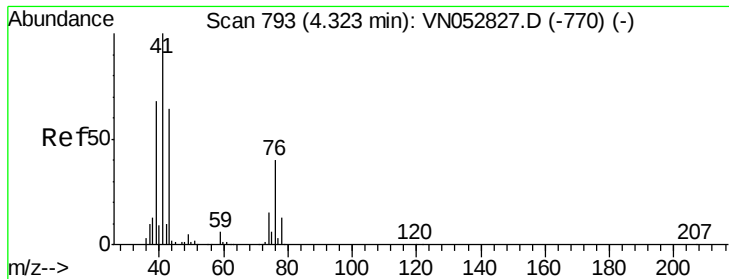
200000

100000

0

Time-->

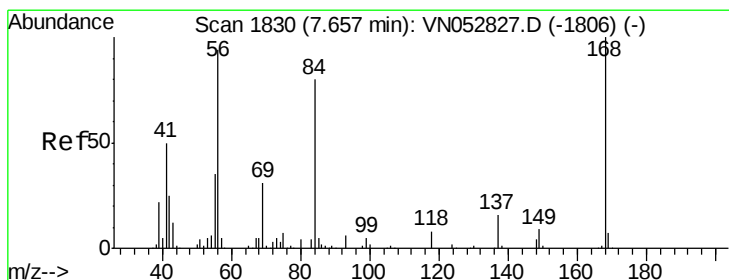
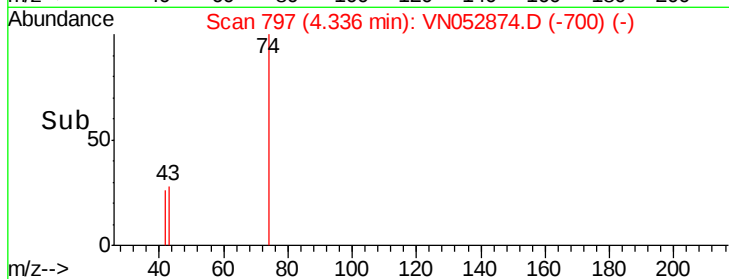
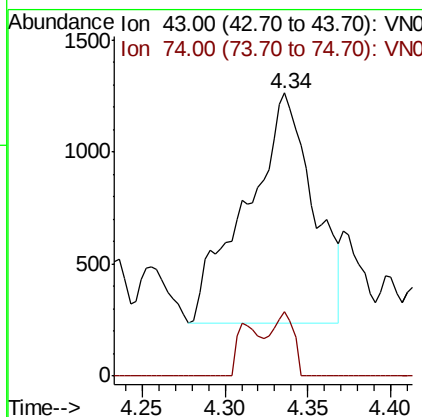
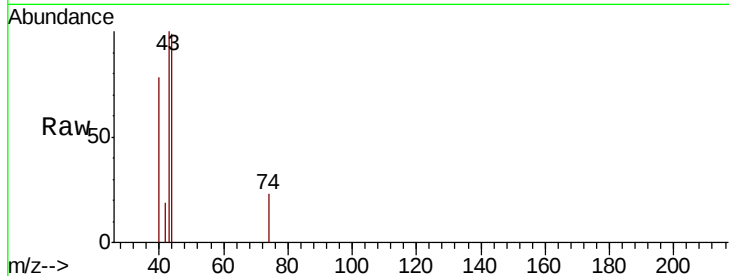




#18
Methvl Acetate
Concen: 0.259 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN052874.D
Acq: 13 Dec 2018 19:34

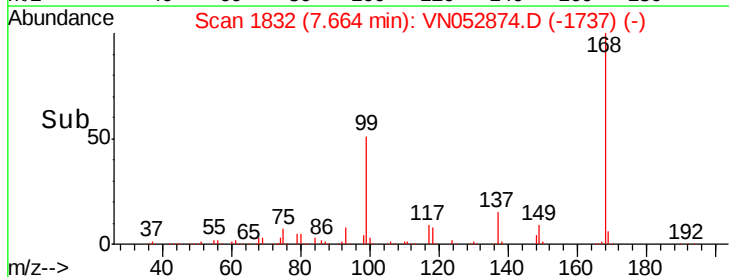
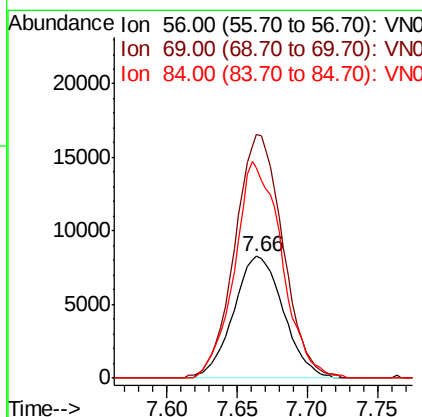
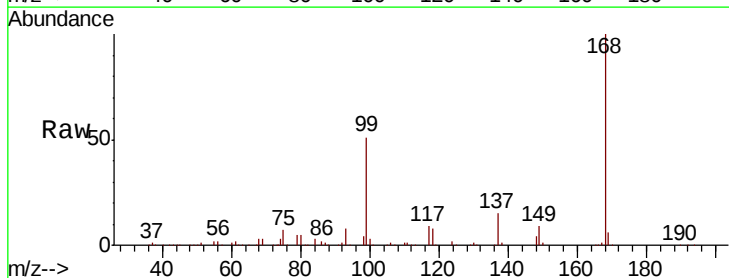
Instrument :
MSVOA_N
ClientSampleId :
OILY-WATERDL

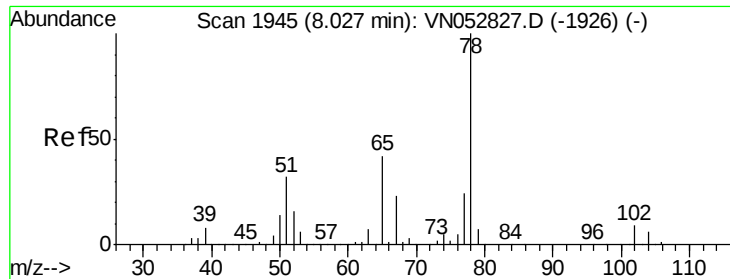
Tot Ion: 43 Resp: 2861
Ion Ratio Lower Upper
43 100
74 9.2 19.2 28.8#



#31
Cyclohexane
Concen: 0.323 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN052874.D
Acq: 13 Dec 2018 19:34

Tgt Ion: 56 Resp: 20439
Ion Ratio Lower Upper
56 100
69 197.8 26.6 39.8#
84 172.5 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052874.D

Acq: 13 Dec 2018 19:34

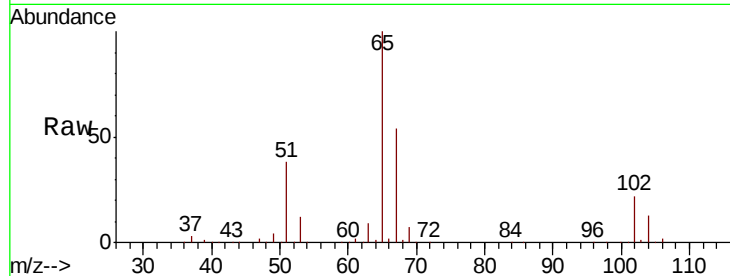
Instrument :
MSVOA_N
ClientSampleId :
OILY-WATERDL

Tot Ion: 65 Resp: 629518

Ion Ratio Lower Upper

65 100

67 54.2 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

250000

200000

150000

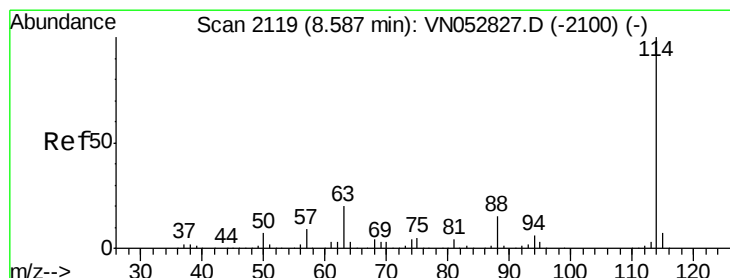
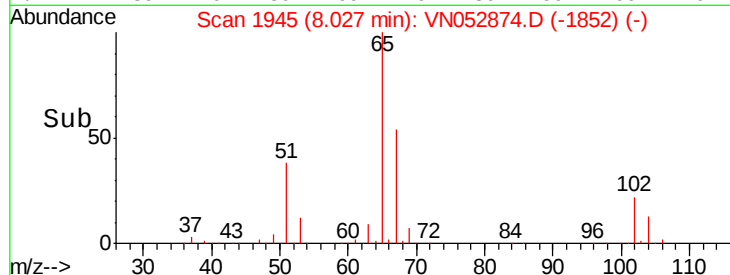
100000

50000

0

Time-->

7.90 8.00 8.10 8.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052874.D

Acq: 13 Dec 2018 19:34

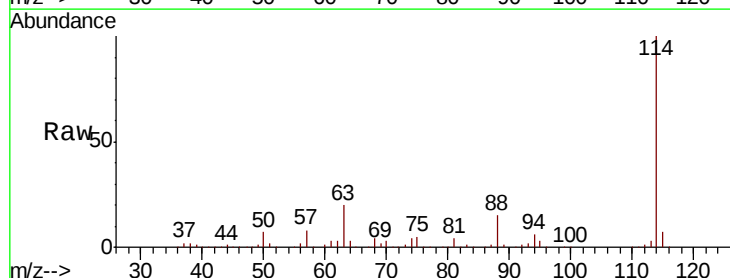
Tgt Ion: 114 Resp: 1943072

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.8

88 15.4 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

1200000

1000000

800000

600000

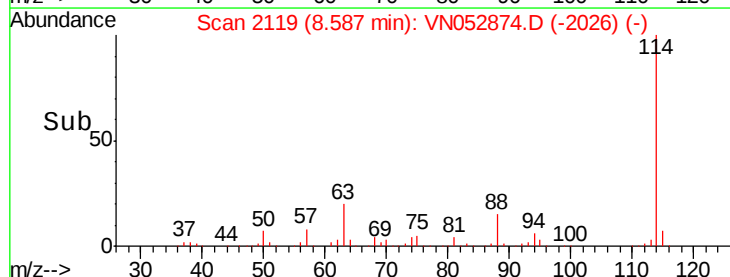
400000

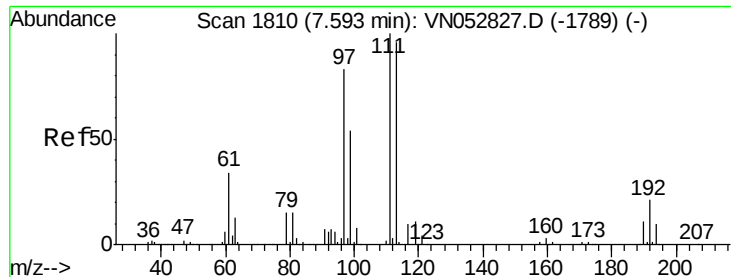
200000

0

Time-->

8.50 8.60 8.70

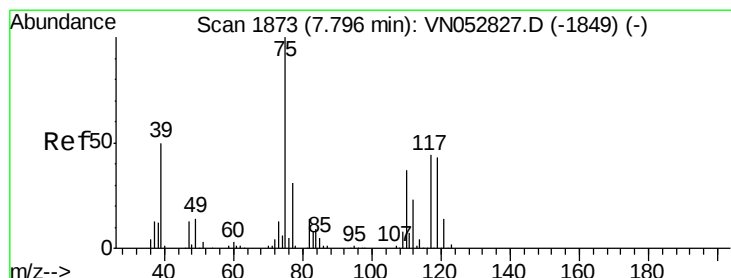
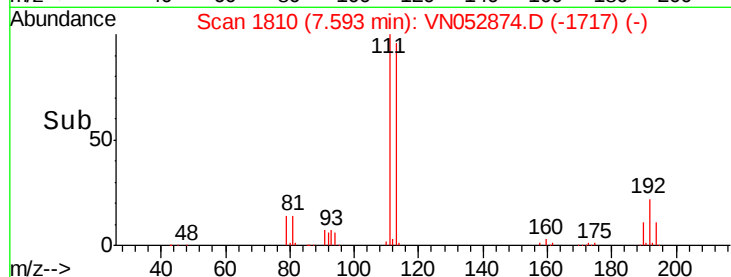
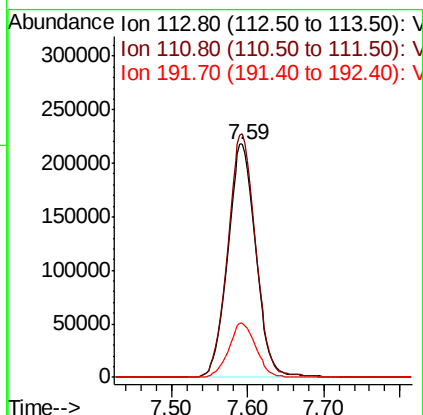
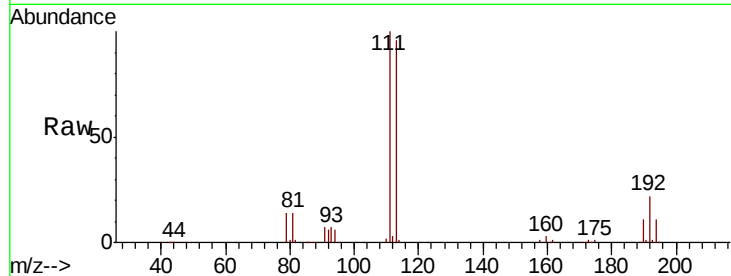




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052874.D
 Acq: 13 Dec 2018 19:34

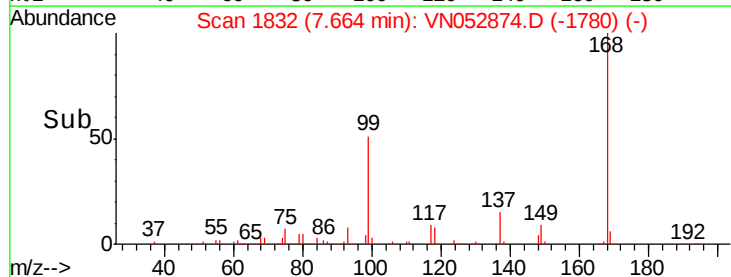
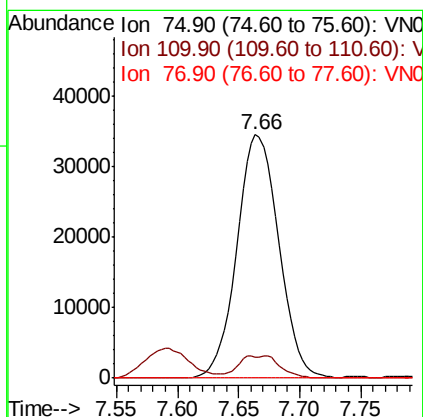
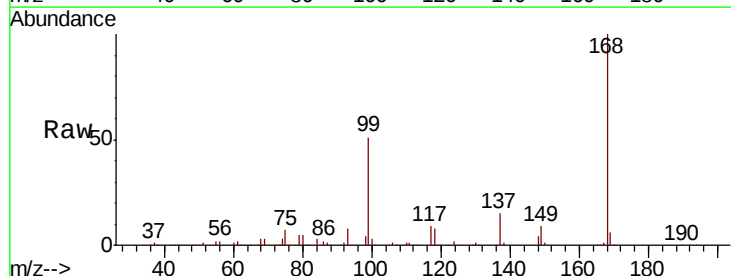
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-WATERDL

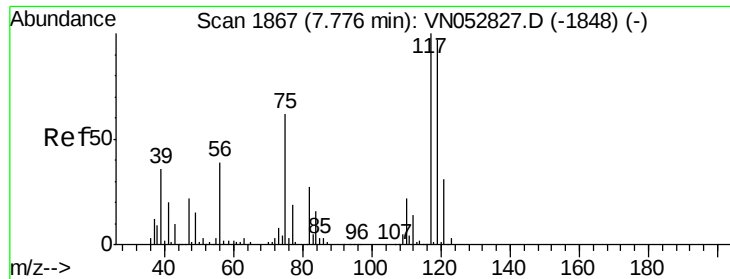
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.0	124.4
192	22.8	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 4.578 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN052874.D
 Acq: 13 Dec 2018 19:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	3.7	18.2	54.6#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.735 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN052874.D

Acq: 13 Dec 2018 19:34

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATERDL

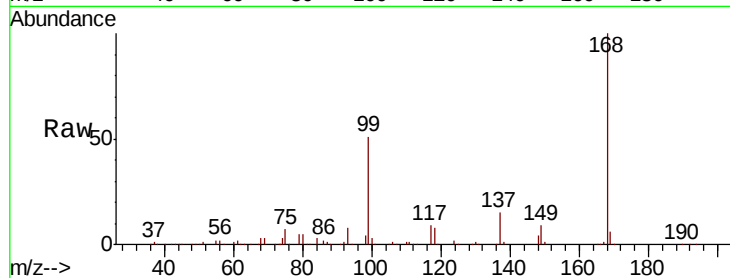
Tot Ion:117 Resp: 110931

Ion Ratio Lower Upper

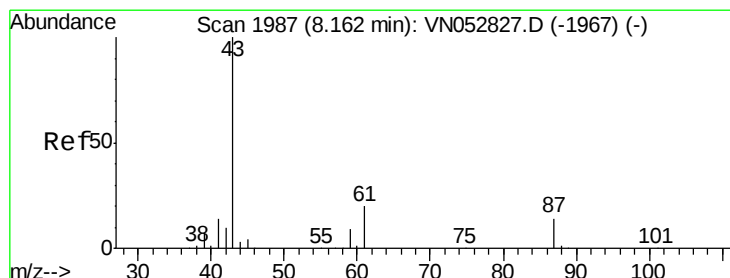
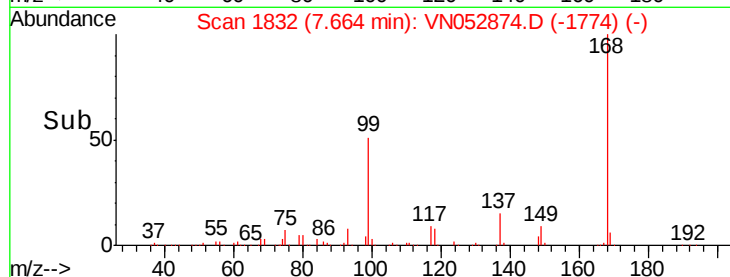
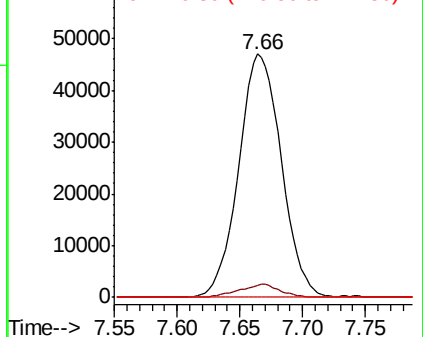
117 100

119 5.0 77.1 115.7#

121 0.0 24.9 37.3#



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



#43

Isopropyl Acetate

Concen: 1.431 ug/l

RT: 8.20 min Scan# 2000

Delta R.T. 0.04 min

Lab File: VN052874.D

Acq: 13 Dec 2018 19:34

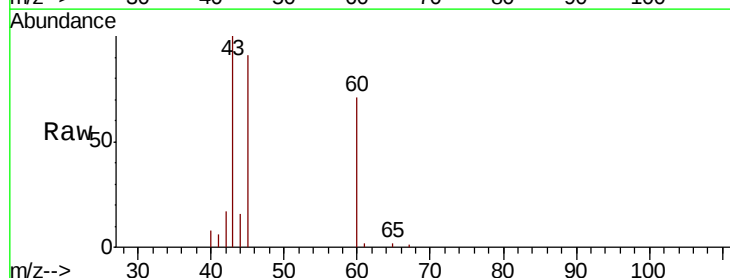
Tgt Ion: 43 Resp: 31528

Ion Ratio Lower Upper

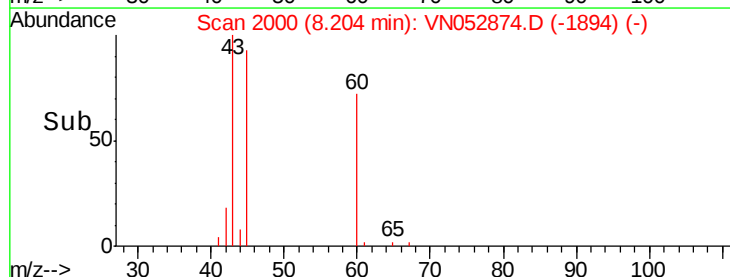
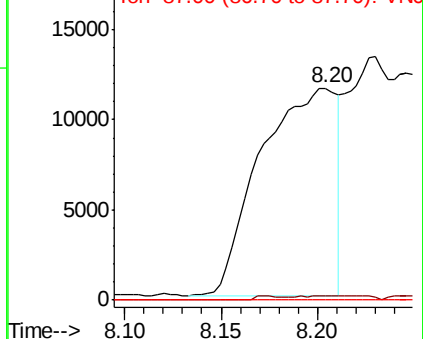
43 100

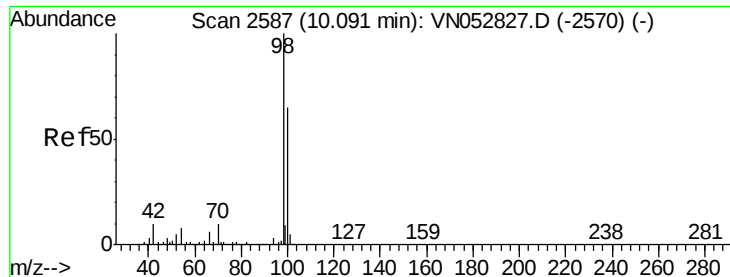
61 0.0 22.9 34.3#

87 0.0 10.6 15.8#



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052874.D

Acq: 13 Dec 2018 19:34

Instrument :

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ClientSampleId :

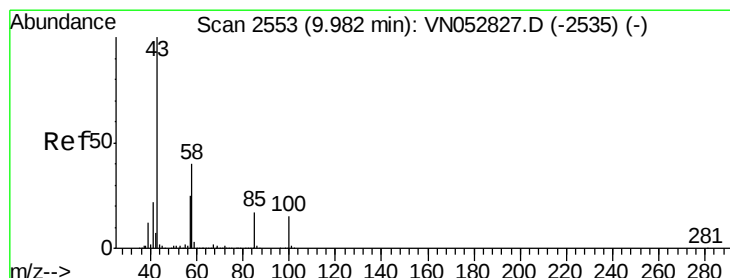
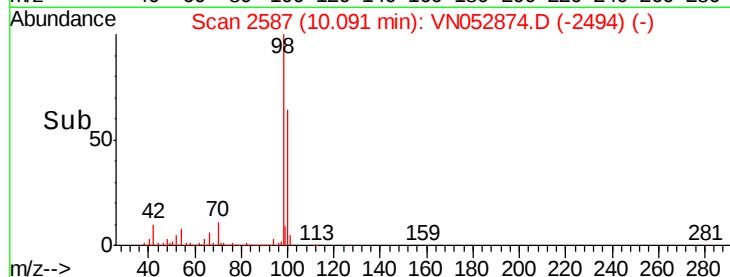
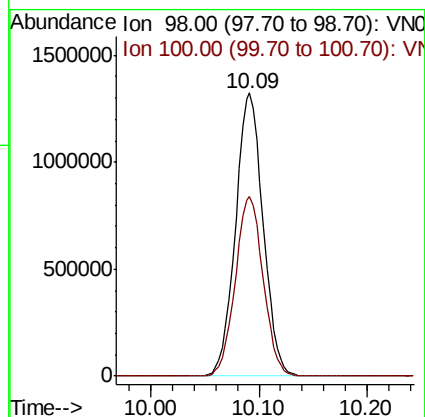
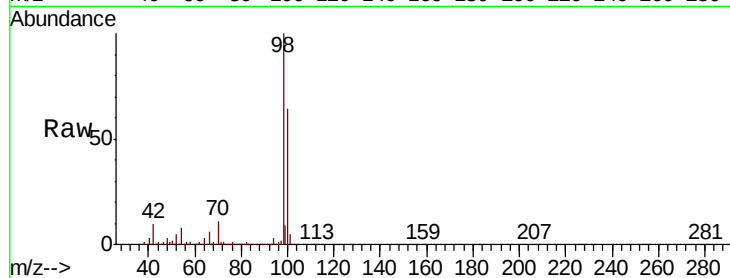
OILY-WATERDL

Tot Ion: 98 Resp: 2358790

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 0.383 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN052874.D

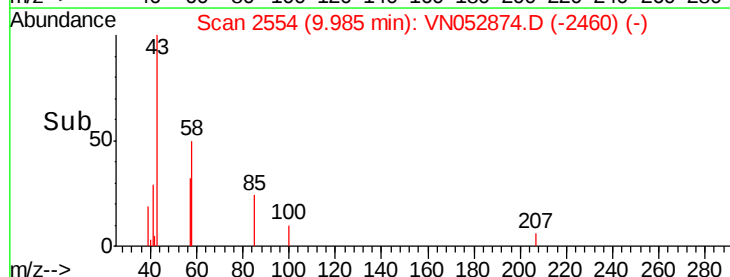
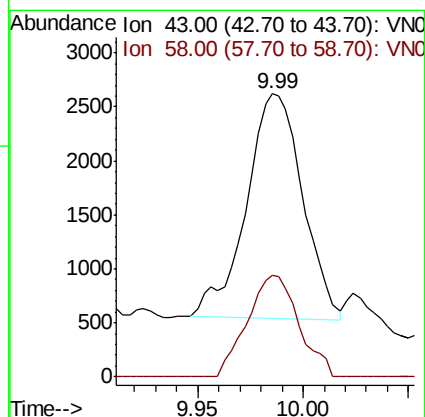
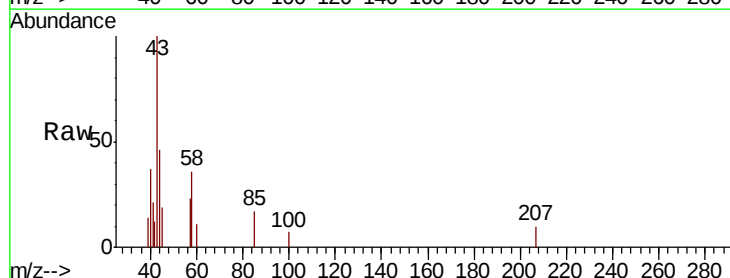
Acq: 13 Dec 2018 19:34

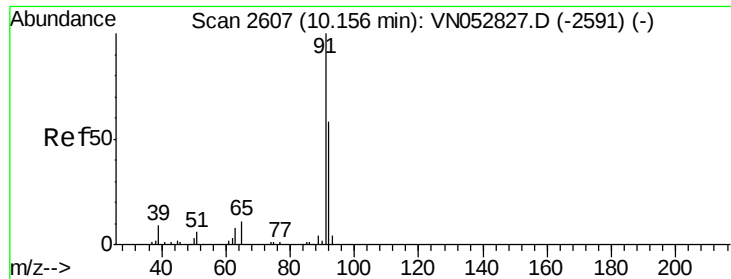
Tgt Ion: 43 Resp: 3867

Ion Ratio Lower Upper

43 100

58 41.2 32.2 48.4





#52

Toluene

Concen: 16.490 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052874.D

Acq: 13 Dec 2018 19:34

Instrument :

MSVOA_N

ClientSampleId :

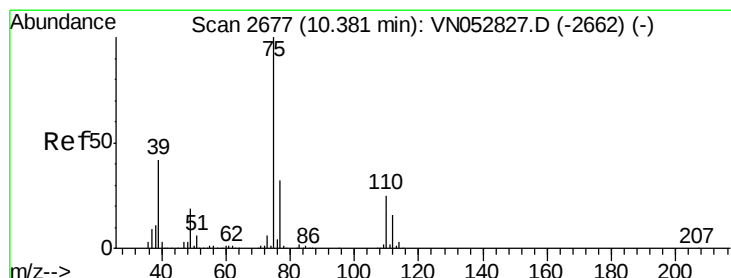
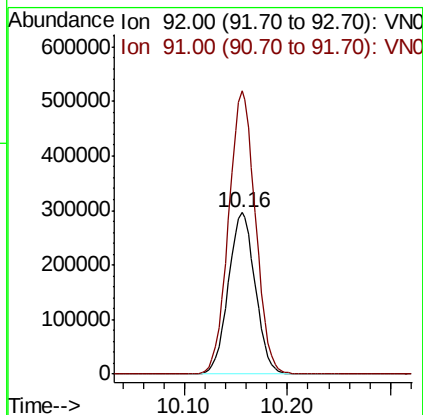
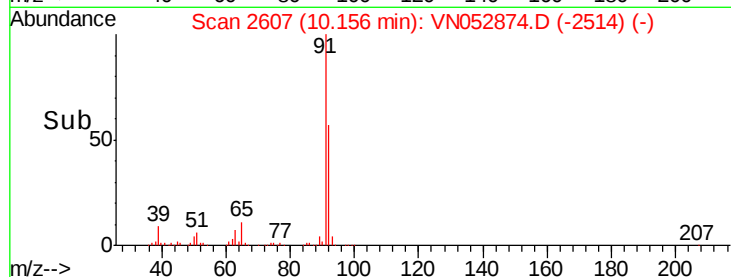
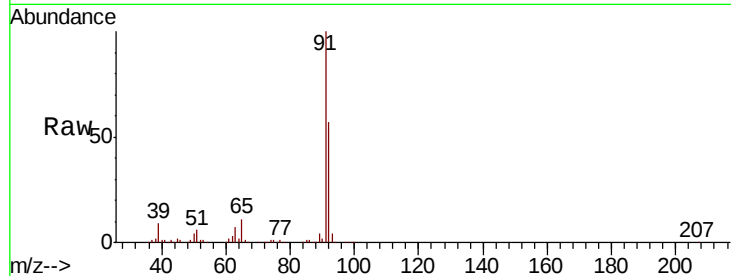
OILY-WATERDL

Tot Ion: 92 Resp: 536369

Ion Ratio Lower Upper

92 100

91 175.3 139.8 209.6



#53

t-1,3-Dichloropropene

Concen: 0.338 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.23 min

Lab File: VN052874.D

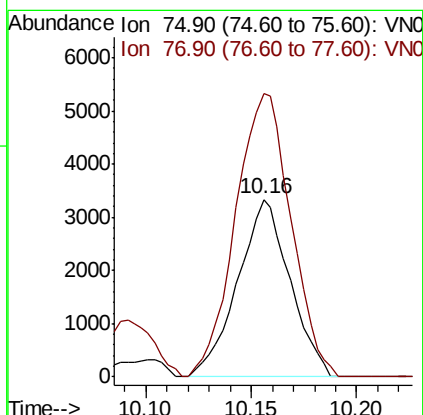
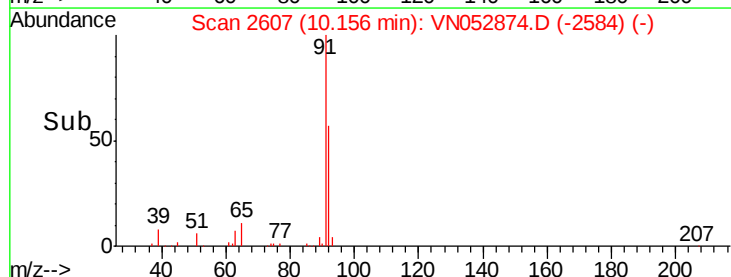
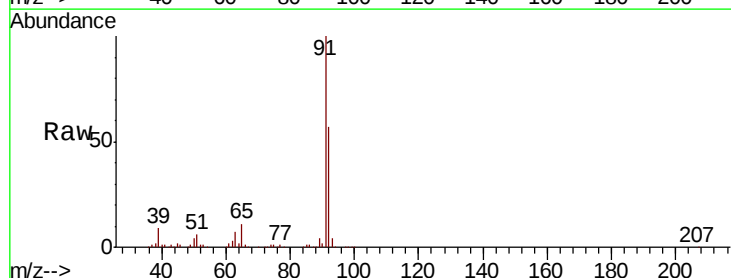
Acq: 13 Dec 2018 19:34

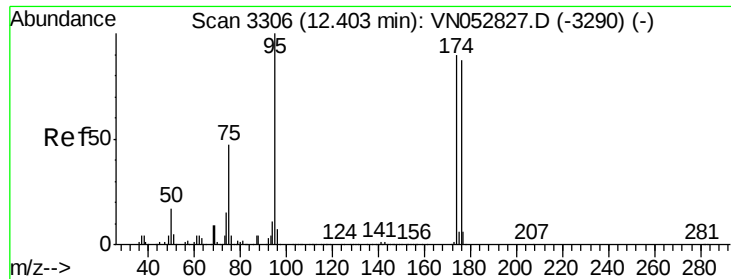
Tgt Ion: 75 Resp: 5748

Ion Ratio Lower Upper

75 100

77 159.2 25.6 38.4#

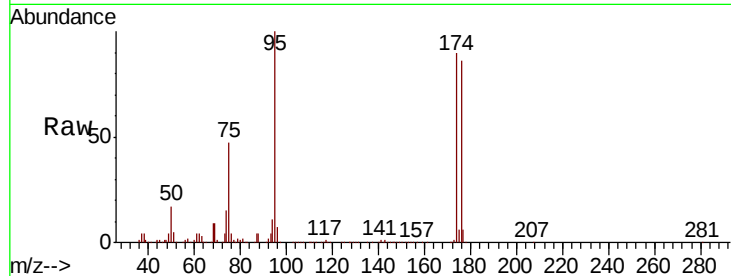




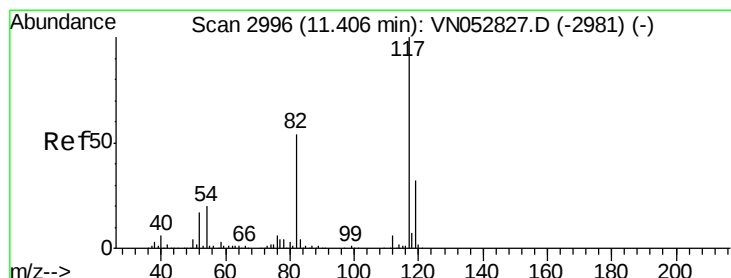
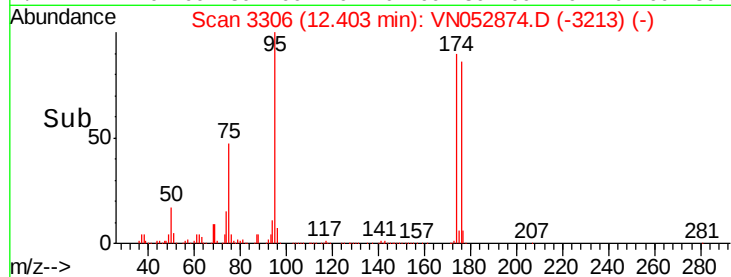
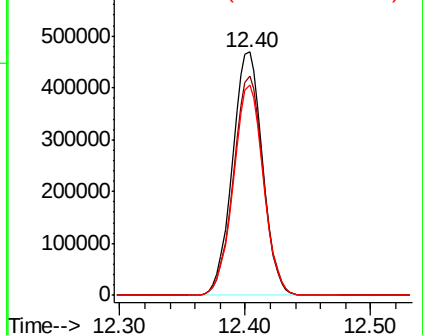
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052874.D
Acq: 13 Dec 2018 19:34

Instrument :
MSVOA_N
ClientSampleId :
OILY-WATERDL

Tot Ion: 95 Resp: 778966
Ion Ratio Lower Upper
95 100
174 89.9 0.0 178.8
176 86.2 0.0 173.8

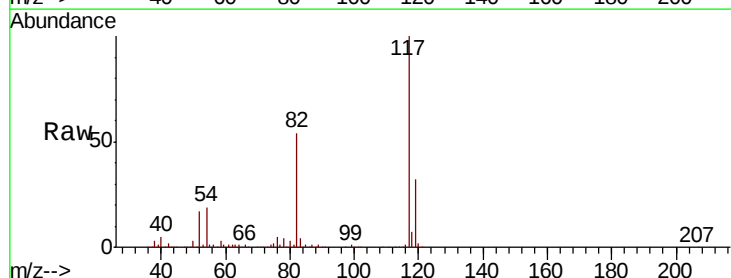


Abundance Ion 94.90 (94.60 to 95.60): VN
Ion 173.80 (173.50 to 174.50): VN
Ion 175.80 (175.50 to 176.50): VN

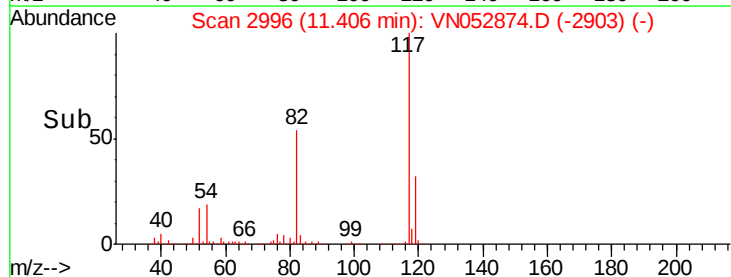
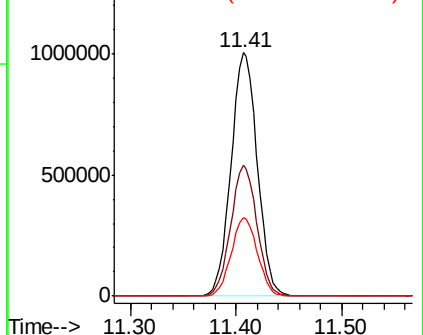


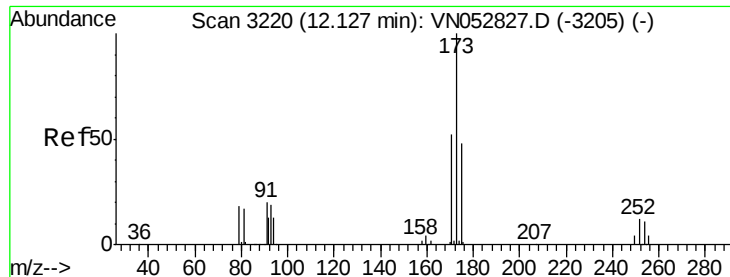
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052874.D
Acq: 13 Dec 2018 19:34

Tgt Ion: 117 Resp: 1724887
Ion Ratio Lower Upper
117 100
82 53.8 42.8 64.2
119 32.2 25.5 38.3



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

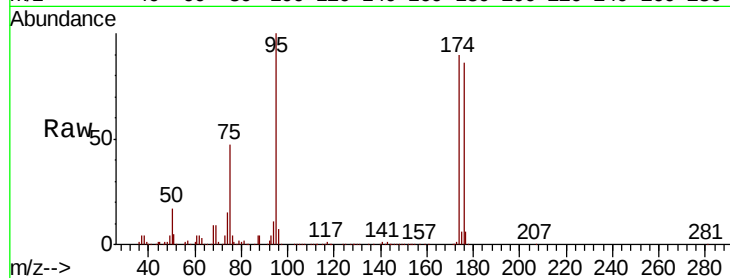




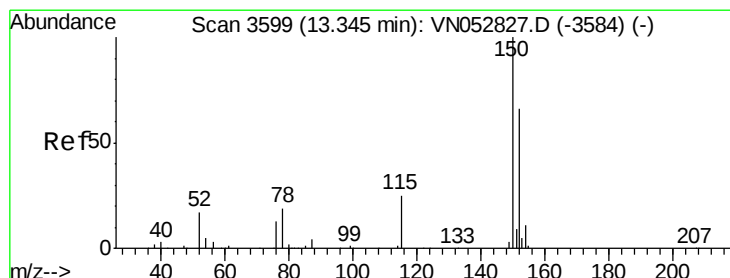
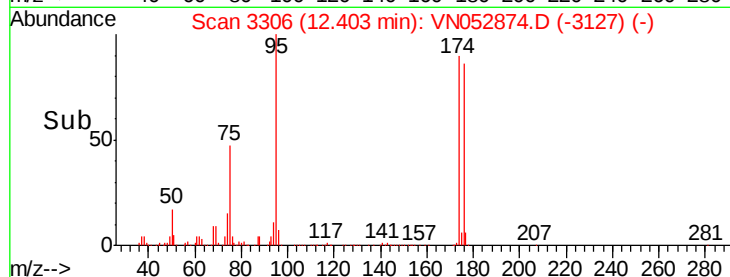
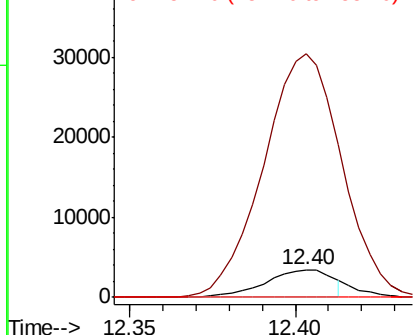
#71
Bromoform
Concen: 0.574 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052874.D
Acq: 13 Dec 2018 19:34

Instrument :
MSVOA_N
ClientSampleId :
OILY-WATERDL

Tot Ion:173 Resp: 4852
Ion Ratio Lower Upper
173 100
175 903.1 24.3 72.9#
254 0.0 0.1 0.1#

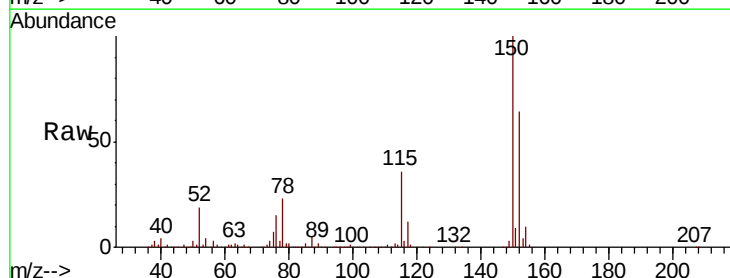


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

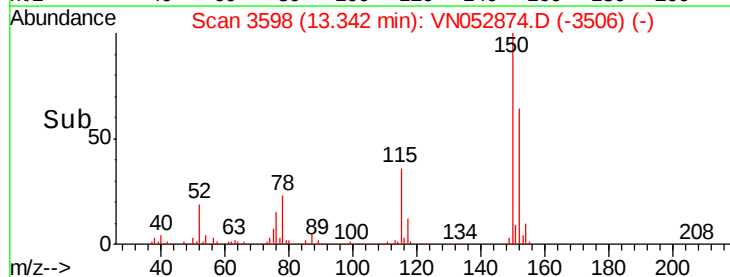
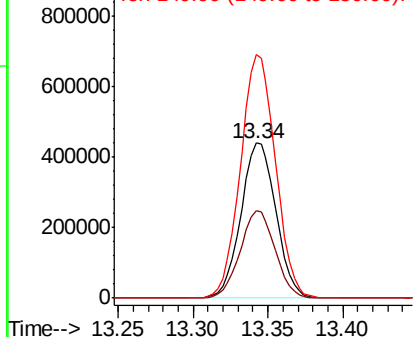


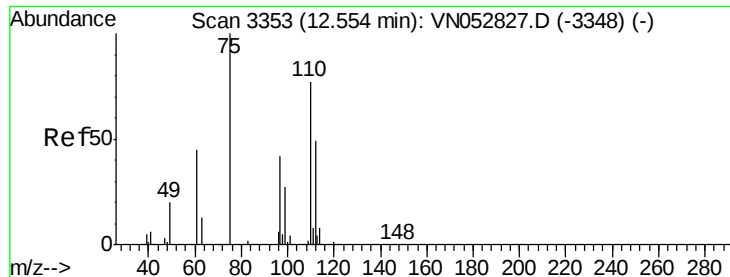
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052874.D
Acq: 13 Dec 2018 19:34

Tgt Ion:152 Resp: 715796
Ion Ratio Lower Upper
152 100
115 55.9 28.3 85.0
150 157.1 0.0 347.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 34.566 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052874.D

Acq: 13 Dec 2018 19:34

Instrument :

MSVOA_N

ClientSampleId :

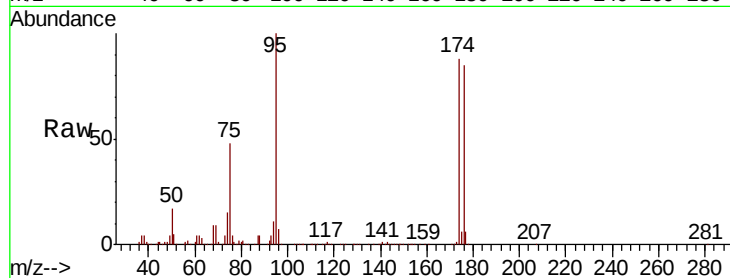
OILY-WATERDL

Tot Ion: 75 Resp: 365043

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

12.40

250000

200000

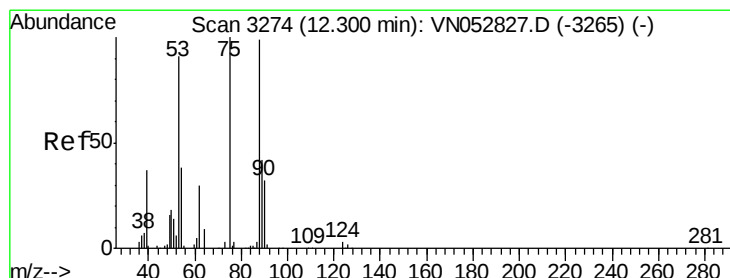
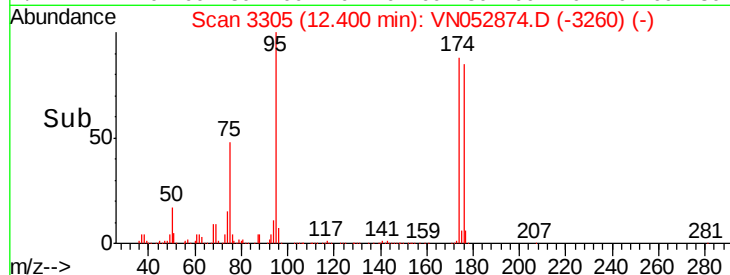
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 111.043 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052874.D

Acq: 13 Dec 2018 19:34

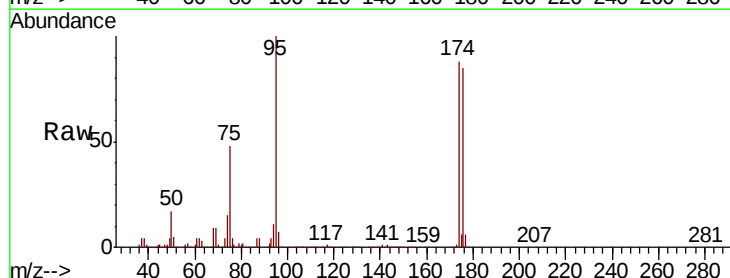
Tgt Ion: 75 Resp: 365043

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 36.1 54.1#



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

300000

250000

200000

150000

100000

50000

0

Time-->

