

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062018\
 Data File : VN049445.D
 Acq On : 20 Jun 2018 19:12
 Operator : MD\SY
 Sample : J3247-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-01-061918

Quant Time: Jun 21 02:14:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

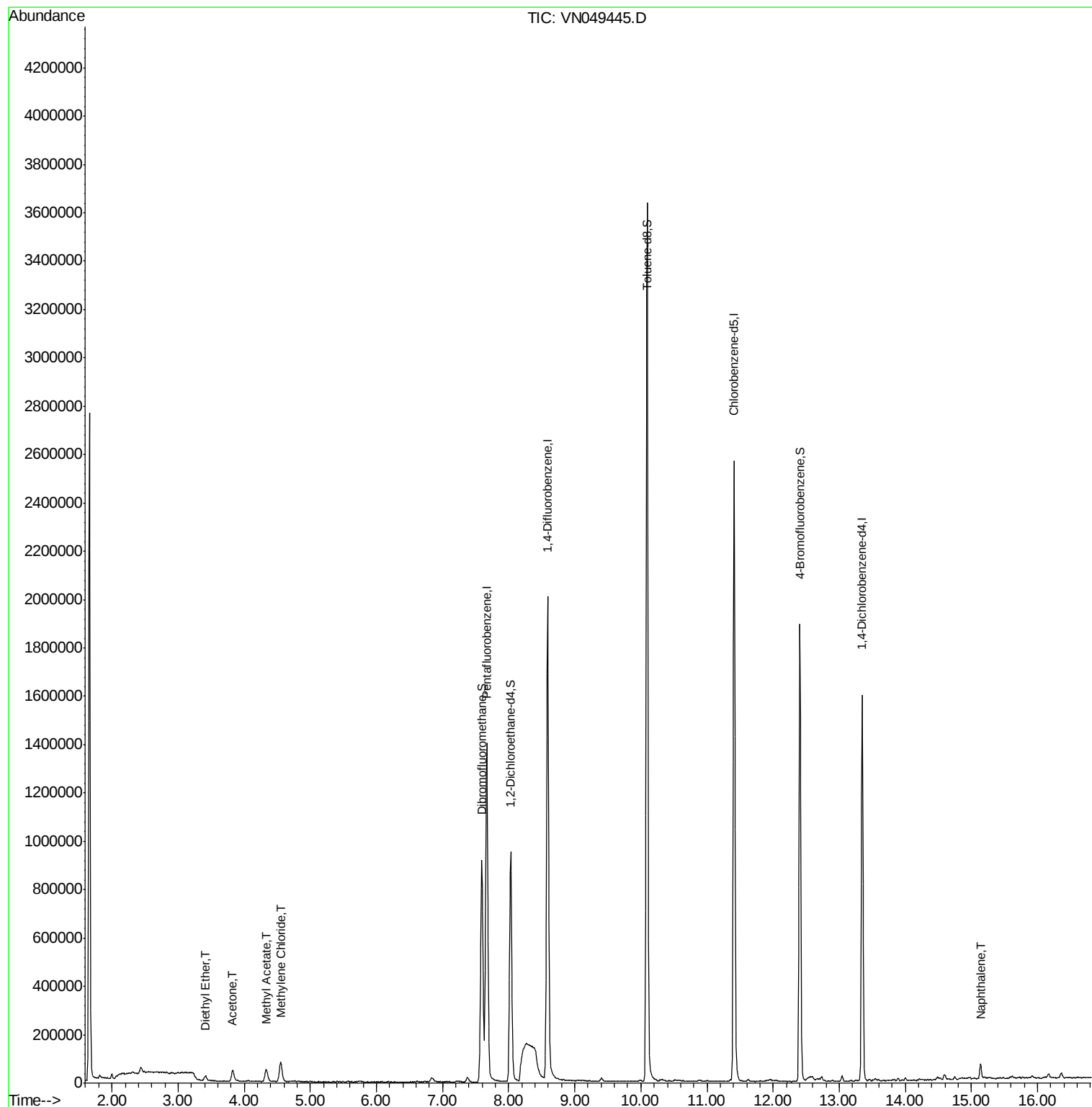
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1217079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1896809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1571455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	467498	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	817469	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
35) Dibromofluoromethane	7.59	113	715069	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
50) Toluene-d8	10.09	98	2593772	44.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.78%	
62) 4-Bromofluorobenzene	12.40	95	664730	34.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.80%	
Target Compounds						
8) Diethyl Ether	3.41	74	11035	1.32	ug/l	88
16) Acetone	3.82	43	79644	20.32	ug/l	96
18) Methyl Acetate	4.33	43	101494	8.49	ug/l	95
20) Methylene Chloride	4.55	84	60382	3.69	ug/l	90
95) Naphthalene	15.14	128	54867	6.27	ug/l	98

(#) = 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

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Instrument :

MSVOA_N

ClientSampleId :

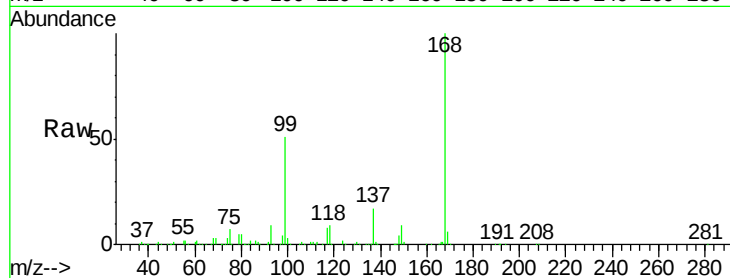
OR-01-061918

Tot Ion:168 Resp: 1217079

Ion Ratio Lower Upper

168 100

99 50.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

500000

400000

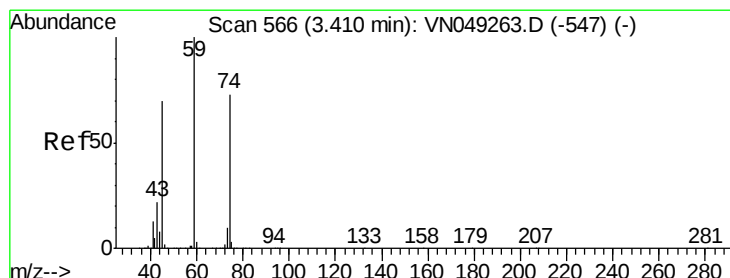
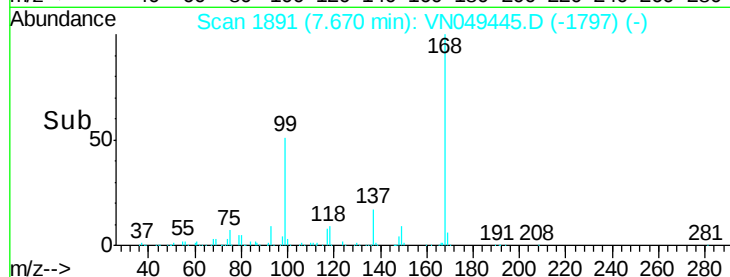
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#8

Diethyl Ether

Concen: 1.32 ug/l

RT: 3.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN049445.D

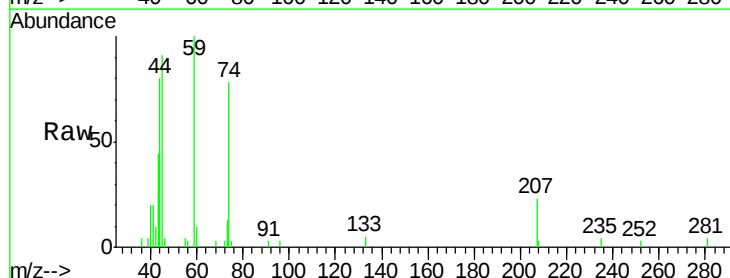
Acq: 20 Jun 2018 19:12

Tgt Ion: 74 Resp: 11035

Ion Ratio Lower Upper

74 100

45 92.1 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

3.41

6000

5000

4000

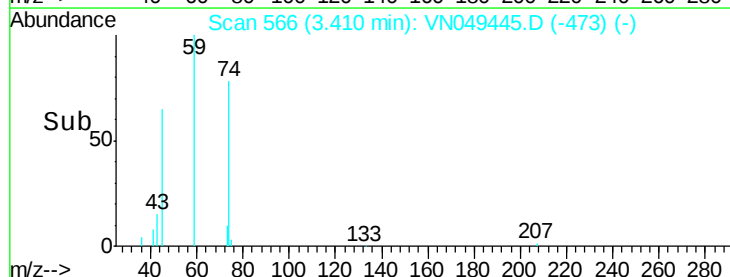
3000

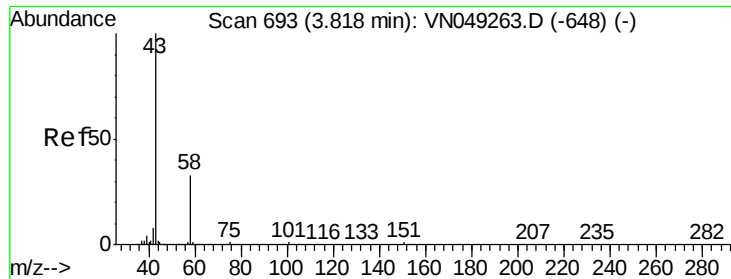
2000

1000

0

Time--> 3.30 3.35 3.40 3.45 3.50





#16

Acetone

Concen: 20.32 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049445.D

Acq: 20 Jun 2018 19:12

Instrument :

MSVOA_N

ClientSampleId :

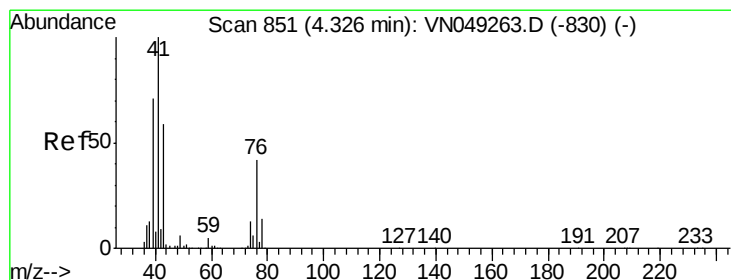
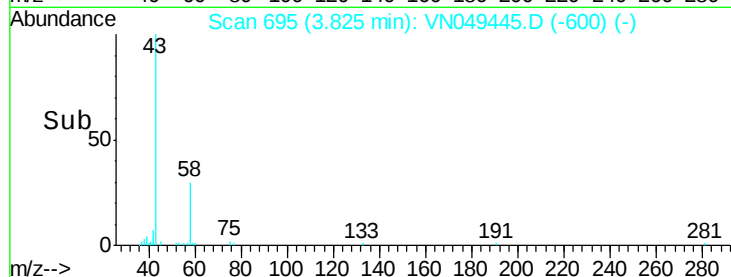
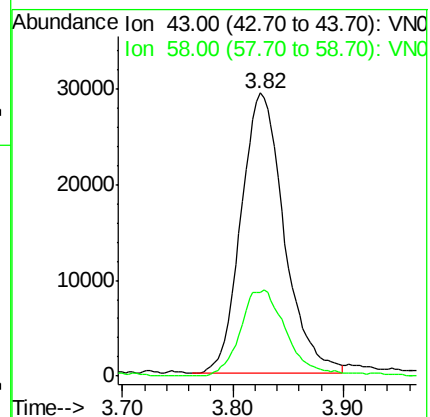
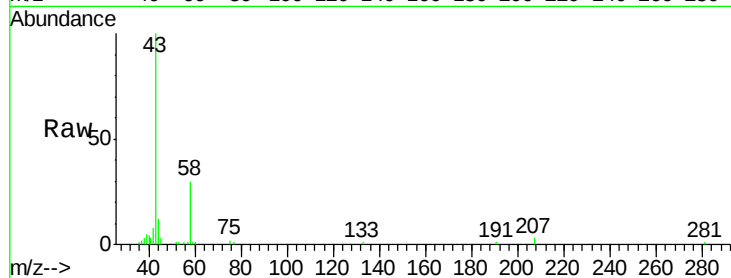
OR-01-061918

Tot Ion: 43 Resp: 79644

Ion Ratio Lower Upper

43 100

58 30.0 22.4 33.6



#18

Methyl Acetate

Concen: 8.49 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049445.D

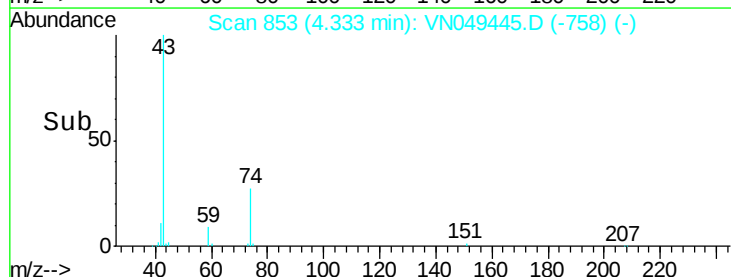
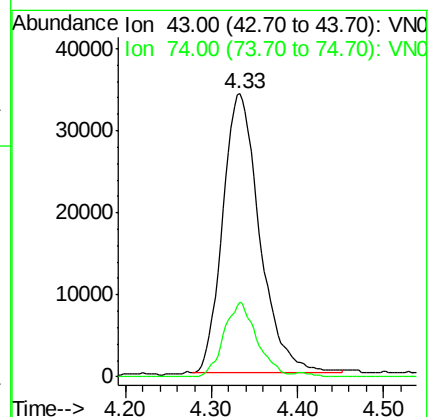
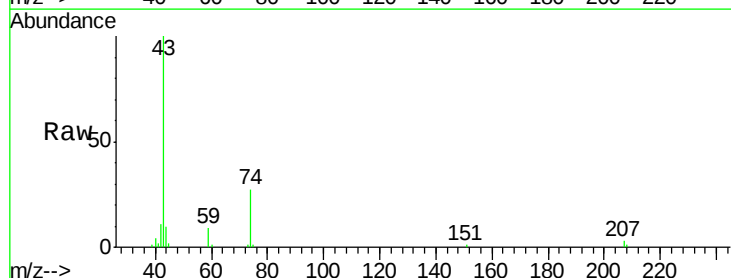
Acq: 20 Jun 2018 19:12

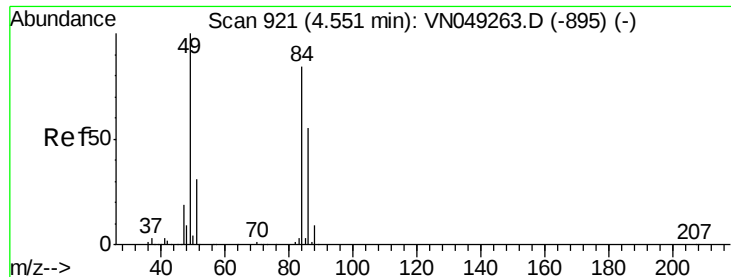
Tgt Ion: 43 Resp: 101494

Ion Ratio Lower Upper

43 100

74 24.0 17.4 26.0



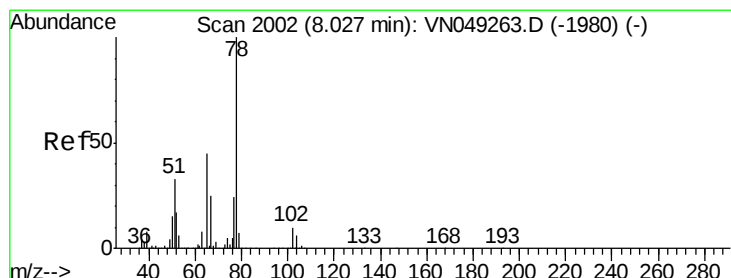
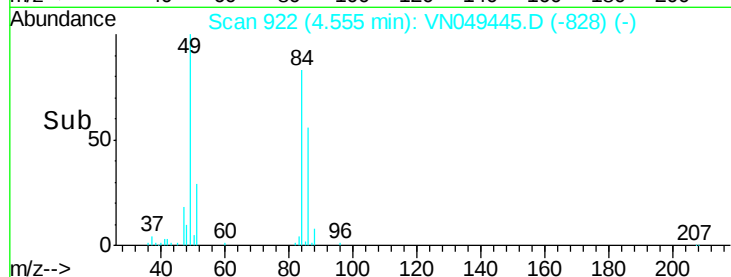
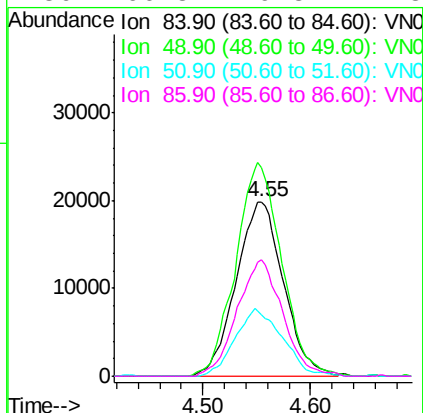
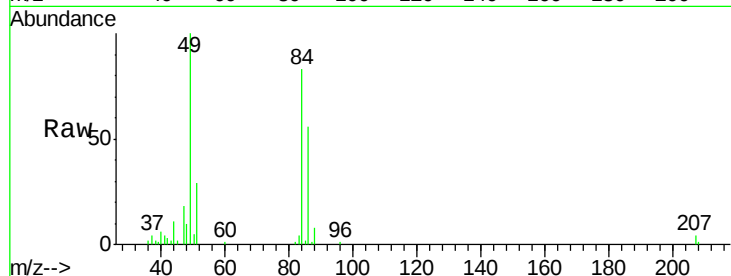


#20
Methvlene Chloride
Concen: 3.69 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049445.D
Acq: 20 Jun 2018 19:12

Instrument :
MSVOA_N
ClientSampleId :
OR-01-061918

Tot Ion: 84 Resp: 60382

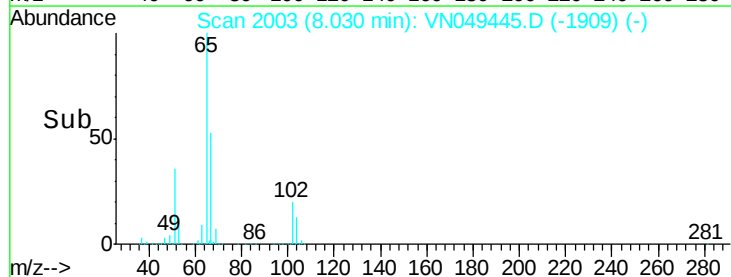
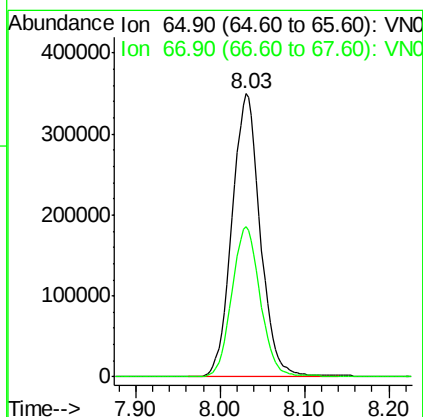
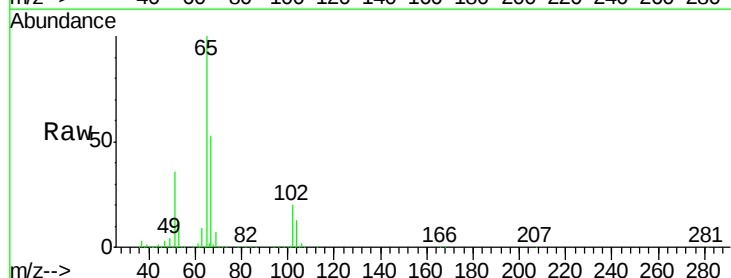
Ion	Ratio	Lower	Upper
84	100		
49	120.0	106.9	160.3
51	35.0	32.7	49.1
86	66.8	49.8	74.8

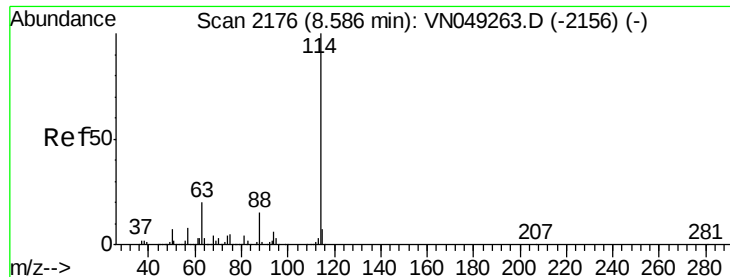


#33
1,2-Dichloroethane-d4
Concen: 50.64 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049445.D
Acq: 20 Jun 2018 19:12

Tgt Ion: 65 Resp: 817469

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049445.D

Acq: 20 Jun 2018 19:12

Instrument :

MSVOA_N

ClientSampleId :

OR-01-061918

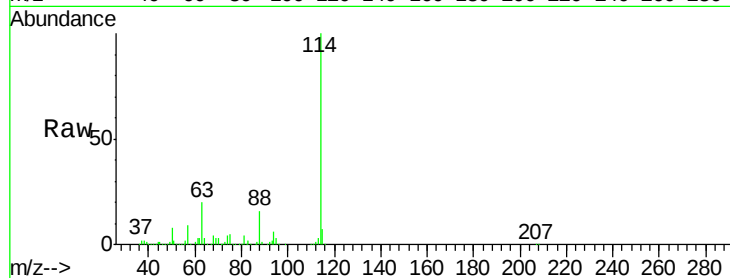
Tot Ion:114 Resp: 1896809

Ion Ratio Lower Upper

114 100

63 20.0 0.0 44.4

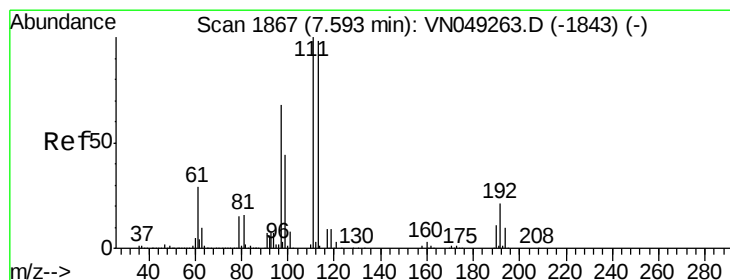
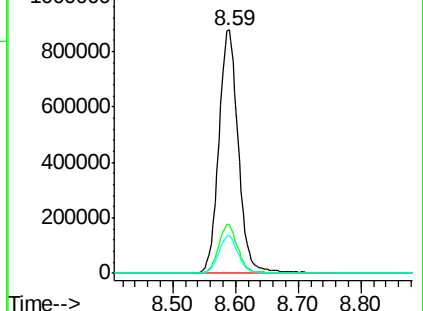
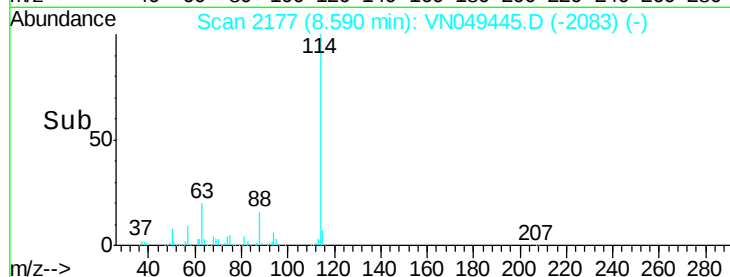
88 15.5 0.0 31.4



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



#35

Dibromofluoromethane

Concen: 46.60 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049445.D

Acq: 20 Jun 2018 19:12

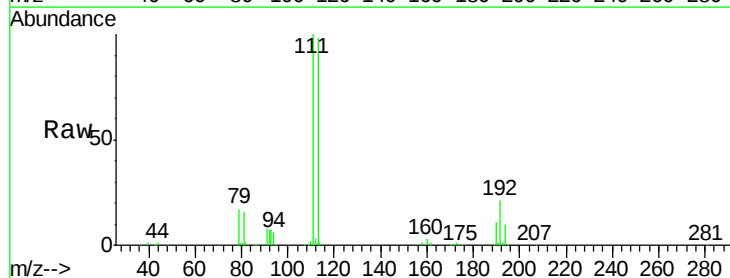
Tgt Ion:113 Resp: 715069

Ion Ratio Lower Upper

113 100

111 100.5 82.4 123.6

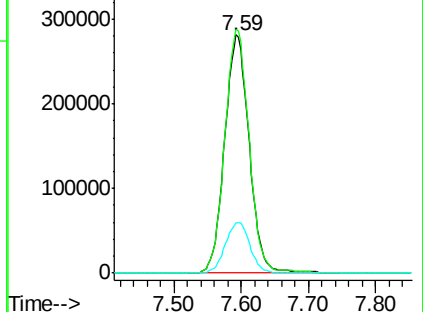
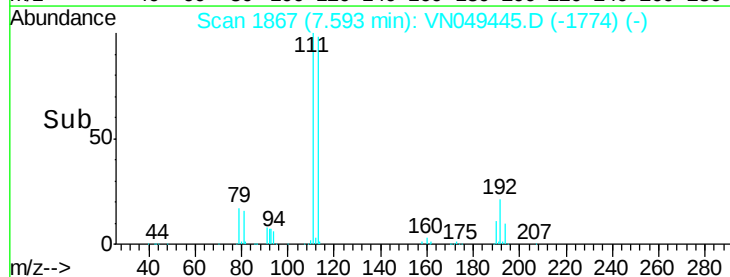
192 21.4 15.0 22.6

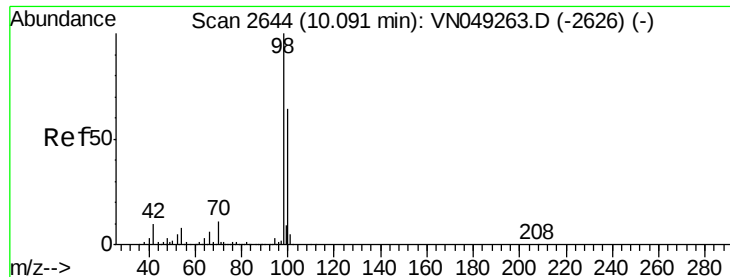


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.39 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049445.D

Acq: 20 Jun 2018 19:12

Instrument :

MSVOA_N

ClientSampleId :

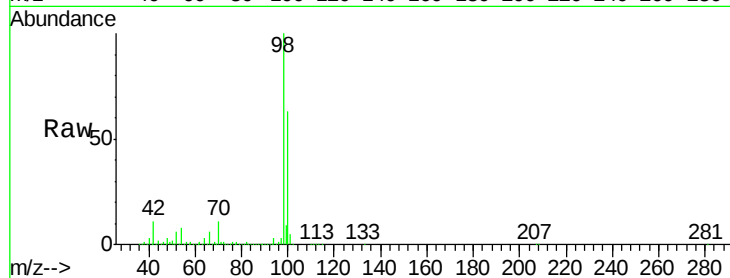
OR-01-061918

Tot Ion: 98 Resp: 2593772

Ion Ratio Lower Upper

98 100

100 63.6 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049263.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN049263.D (-2626) (-)

10.09

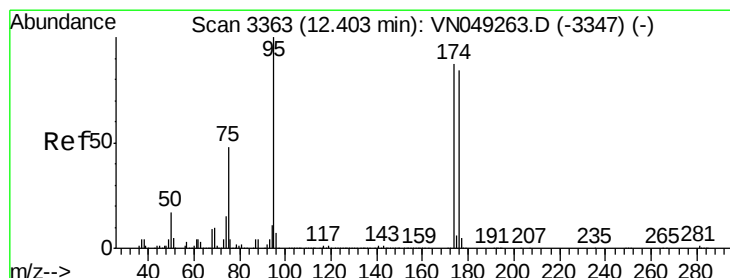
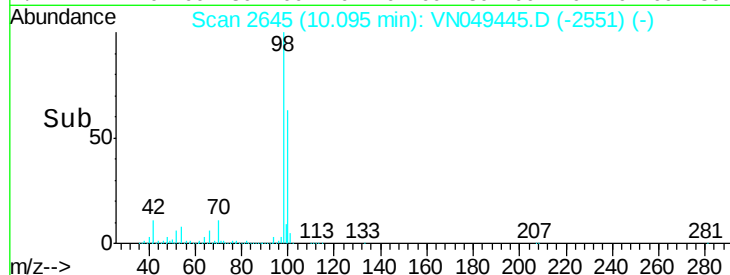
1500000

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 34.40 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049445.D

Acq: 20 Jun 2018 19:12

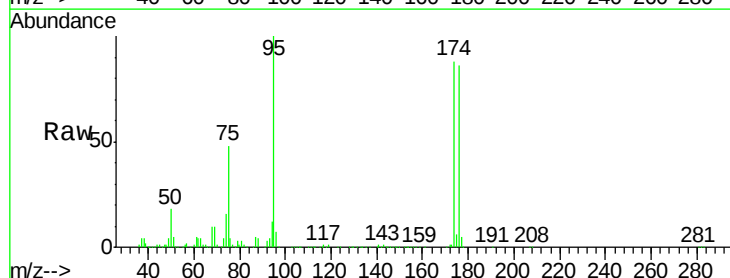
Tgt Ion: 95 Resp: 664730

Ion Ratio Lower Upper

95 100

174 90.6 0.0 165.6

176 87.5 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049263.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049263.D (-3347) (-)

12.40

500000

400000

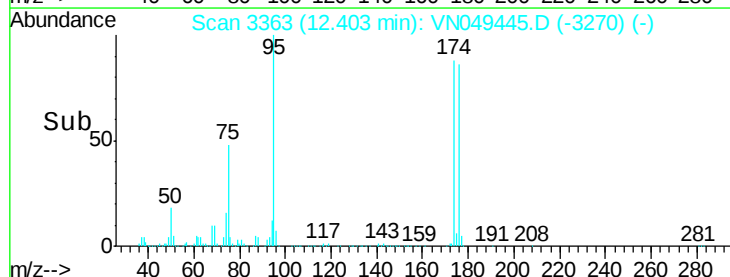
300000

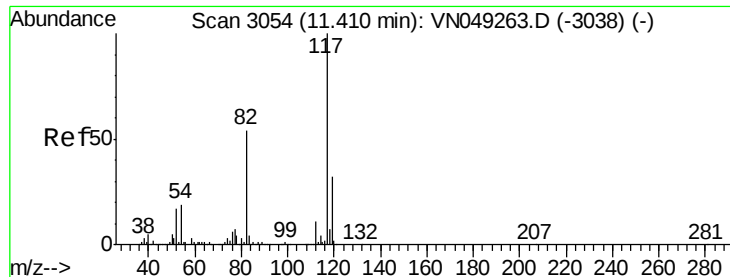
200000

100000

0

Time-->

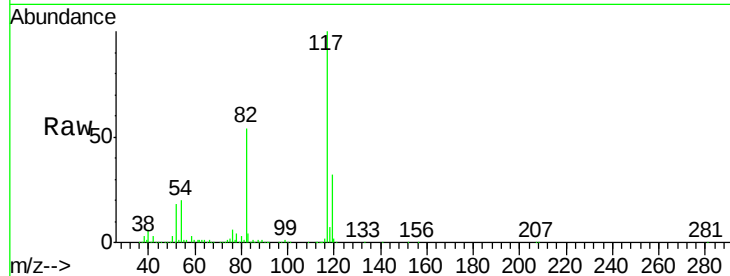




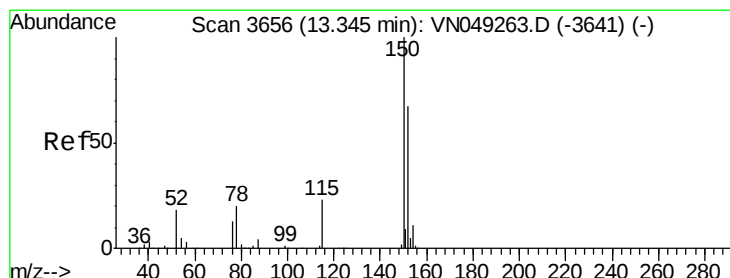
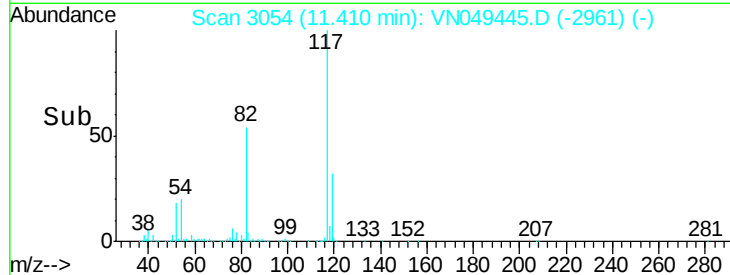
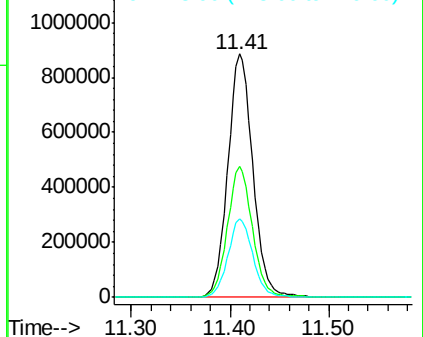
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049445.D
Acq: 20 Jun 2018 19:12

Instrument :
MSVOA_N
ClientSampled :
OR-01-061918

Tot Ion:117 Resp: 1571455
Ion Ratio Lower Upper
117 100
82 53.6 45.9 68.9
119 32.1 25.5 38.3

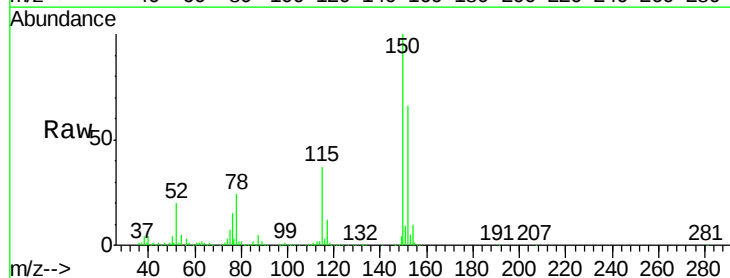


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

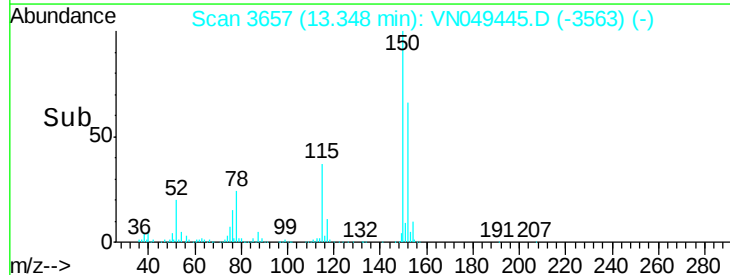
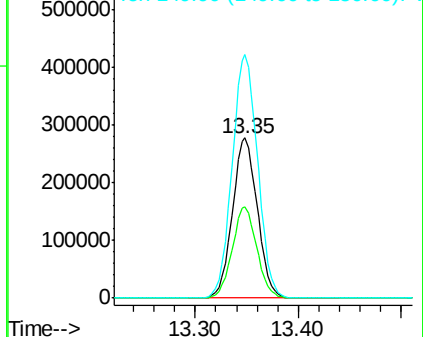


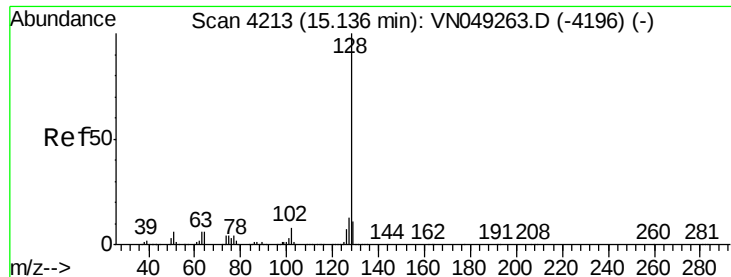
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049445.D
Acq: 20 Jun 2018 19:12

Tgt Ion:152 Resp: 467498
Ion Ratio Lower Upper
152 100
115 56.2 28.7 86.1
150 155.1 0.0 351.0



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





#95

Naphthalene

Concen: 6.27 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049445.D

Acq: 20 Jun 2018 19:12

Instrument :

MSVOA_N

ClientSampleId :

OR-01-061918

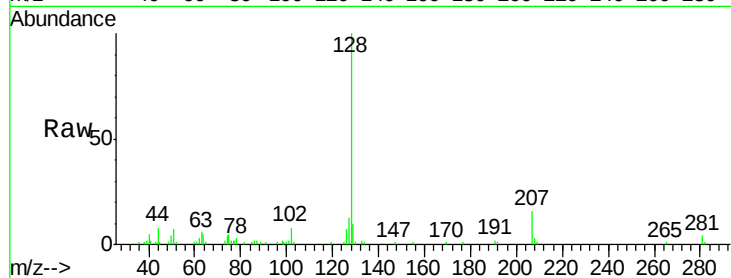
Tot Ion:128 Resp: 54867

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 9.6 8.5 12.7



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

