

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062018\
 Data File : VN049444.D
 Acq On : 20 Jun 2018 18:46
 Operator : MD\SY
 Sample : J3581-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SSP-C-COMPOSITE

Quant Time: Jun 21 02:10:53 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

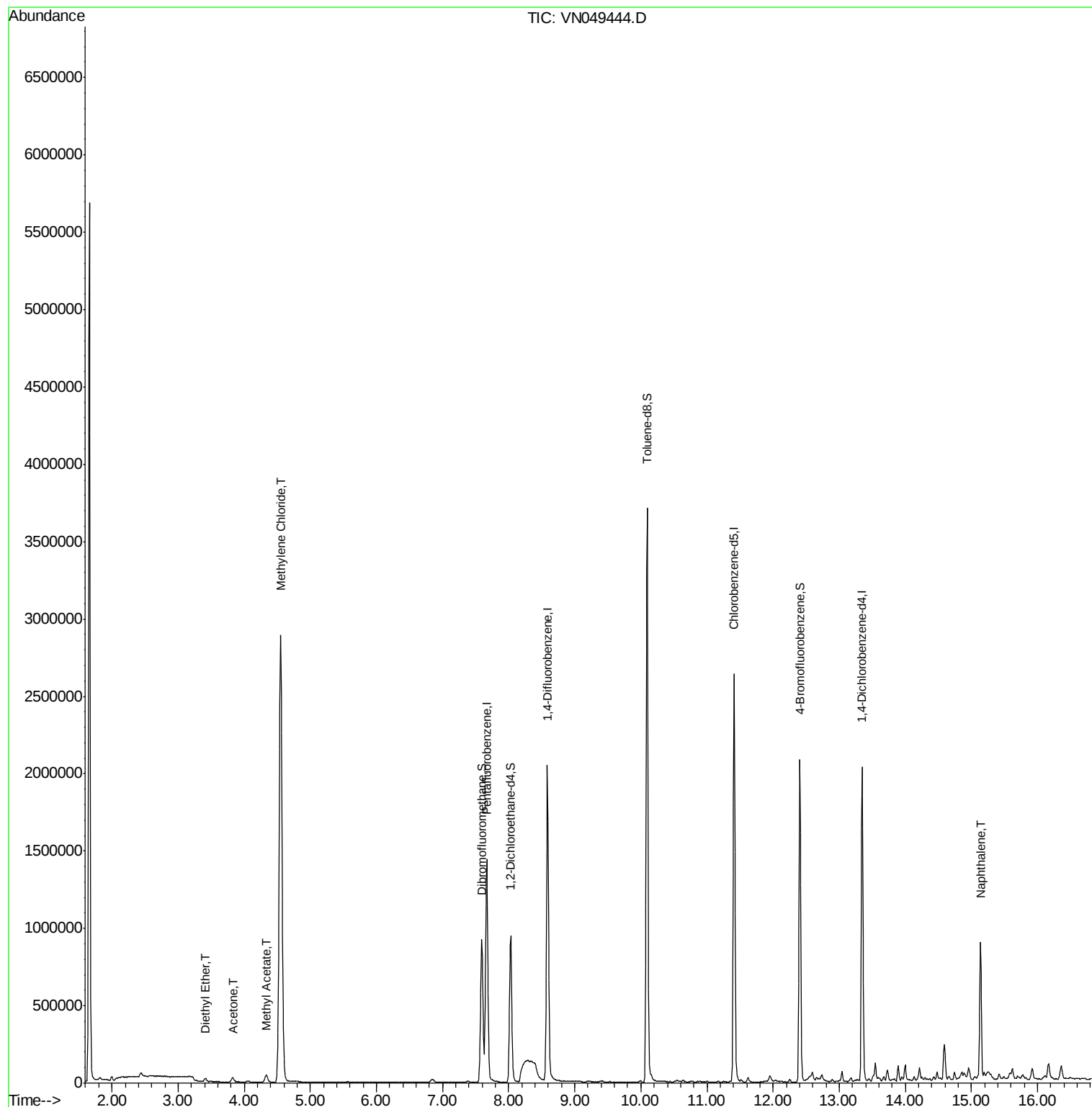
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1249871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1939670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1628537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	586876	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	830479	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
35) Dibromofluoromethane	7.59	113	732732	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
50) Toluene-d8	10.09	98	2668716	44.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.32%	
62) 4-Bromofluorobenzene	12.40	95	734913	37.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.40%	
Target Compounds						
8) Diethyl Ether	3.41	74	11057	1.29	ug/l	92
16) Acetone	3.83	43	46316	11.51	ug/l	91
18) Methyl Acetate	4.33	43	89742	7.31	ug/l	95
20) Methylene Chloride	4.55	84	2222390	132.20	ug/l	92
95) Naphthalene	15.14	128	783929	44.76	ug/l	99

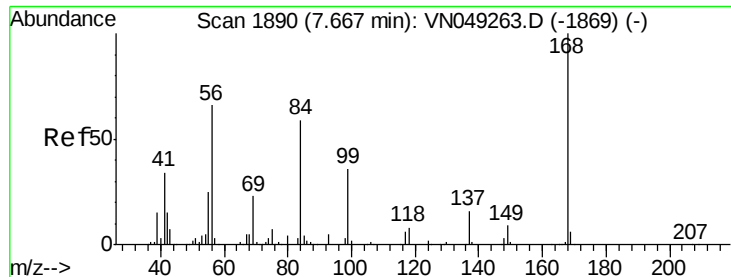
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062018\
Data File : VN049444.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049444.D

Acq: 20 Jun 2018 18:46

Instrument :

MSVOA_N

ClientSampleId :

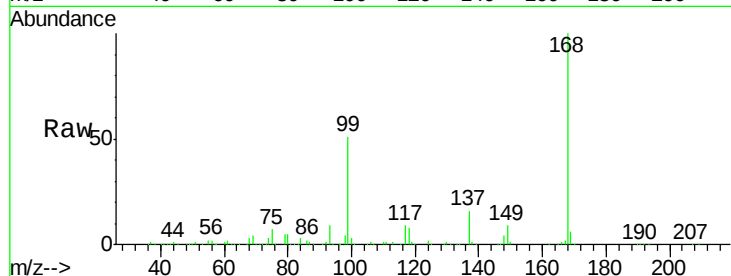
SSP-C-COMPOSITE

Tot Ion:168 Resp: 1249871

Ion Ratio Lower Upper

168 100

99 50.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VN049263.D (-1869) (-)

Ion 98.90 (98.60 to 99.60): VN049263.D (-1869) (-)

7.67

600000

500000

400000

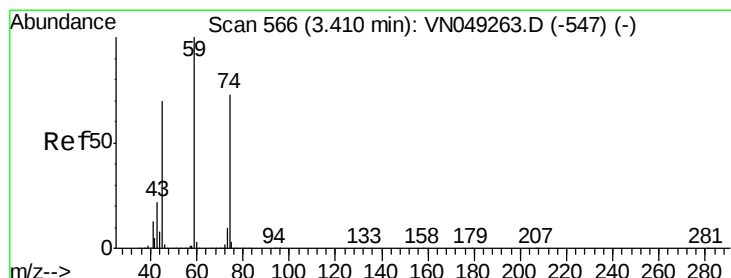
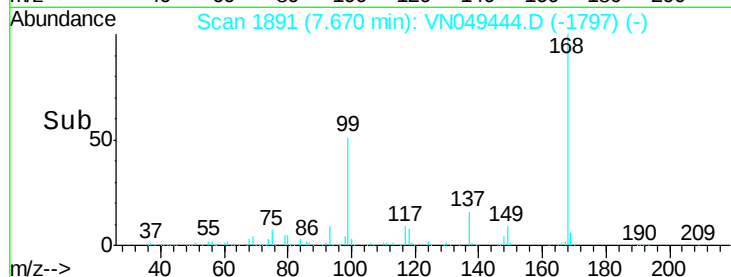
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#8

Diethyl Ether

Concen: 1.29 ug/l

RT: 3.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN049444.D

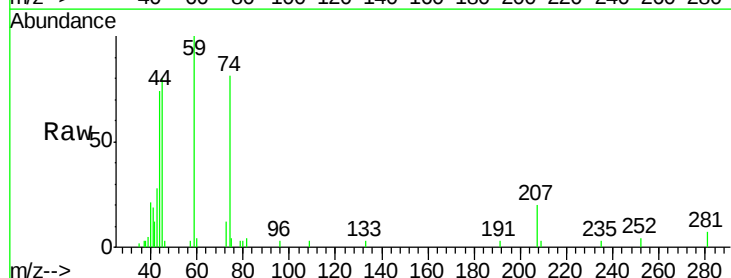
Acq: 20 Jun 2018 18:46

Tgt Ion: 74 Resp: 11057

Ion Ratio Lower Upper

74 100

45 96.0 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VN049263.D (-547) (-)

Ion 45.00 (44.70 to 45.70): VN049263.D (-547) (-)

3.41

6000

5000

4000

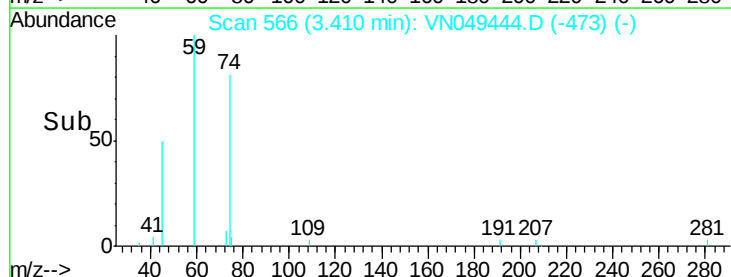
3000

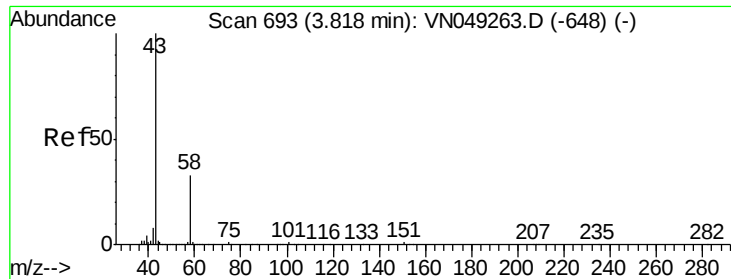
2000

1000

0

Time--> 3.35 3.40 3.45





#16

Acetone

Concen: 11.51 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049444.D

Acq: 20 Jun 2018 18:46

Instrument :

MSVOA_N

ClientSampleId :

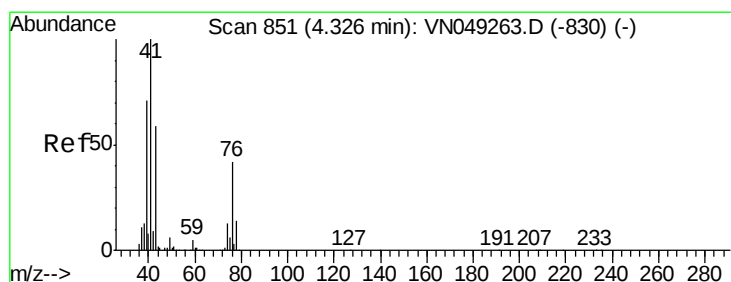
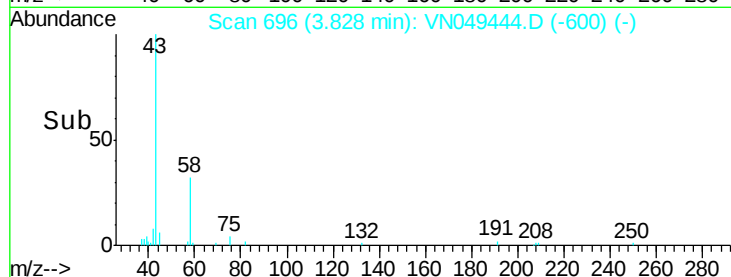
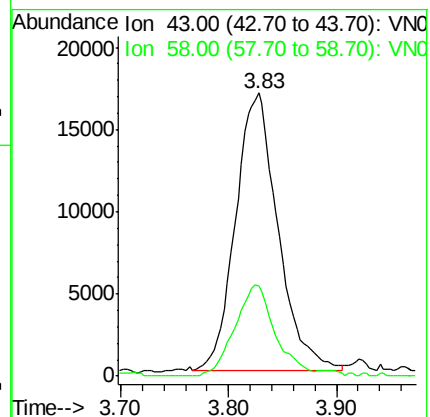
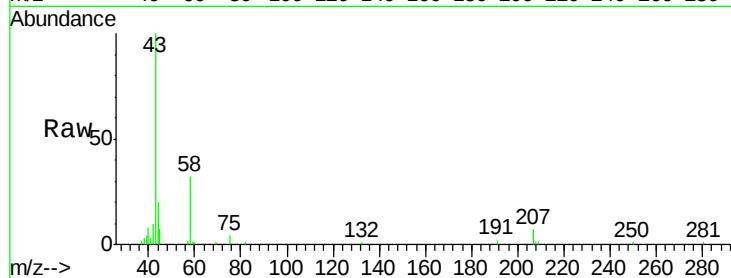
SSP-C-COMPOSITE

Tot Ion: 43 Resp: 46316

Ion Ratio Lower Upper

43 100

58 32.7 22.4 33.6



#18

Methyl Acetate

Concen: 7.31 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049444.D

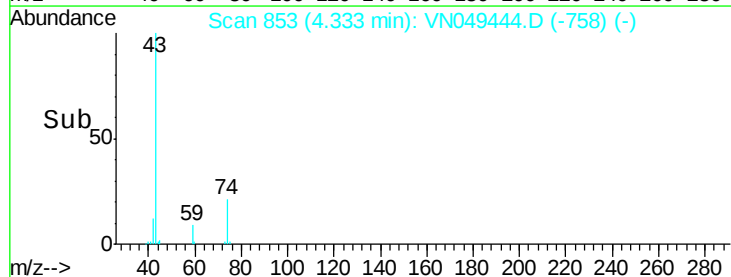
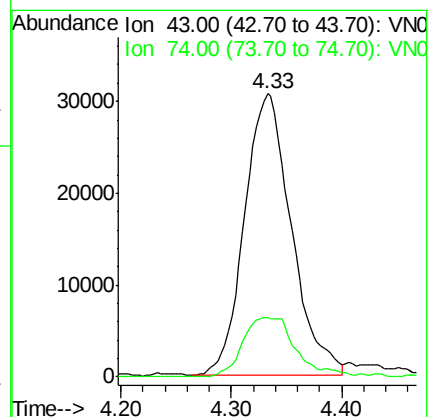
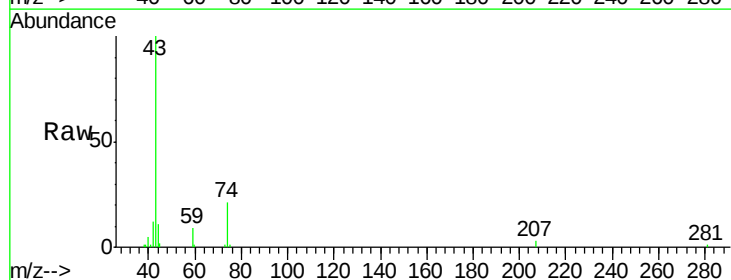
Acq: 20 Jun 2018 18:46

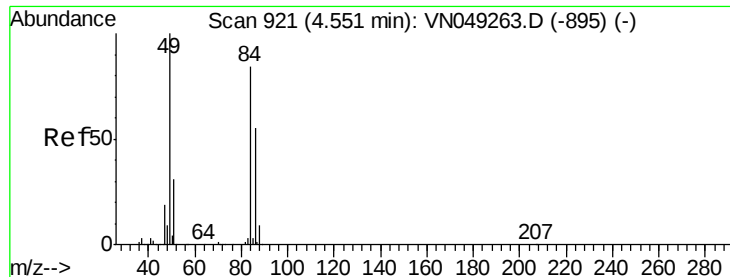
Tgt Ion: 43 Resp: 89742

Ion Ratio Lower Upper

43 100

74 24.0 17.4 26.0

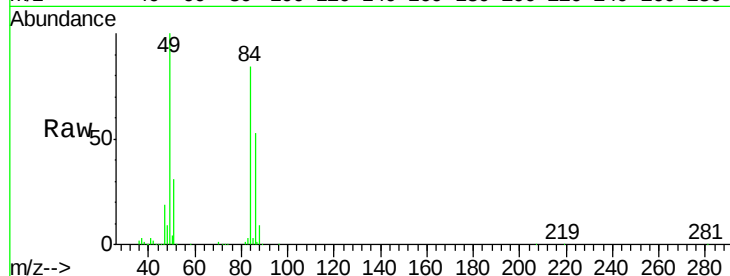




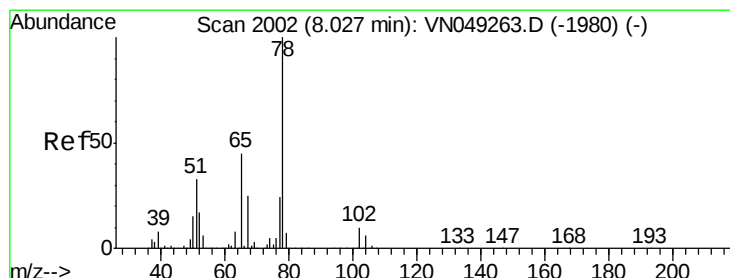
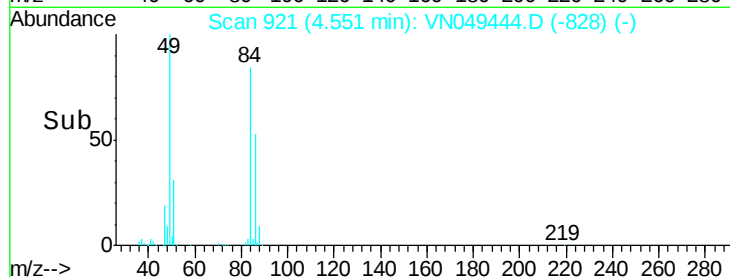
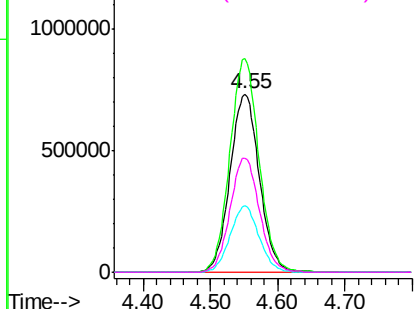
#20
Methylene Chloride
Concen: 132.20 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049444.D
Acq: 20 Jun 2018 18:46

Instrument :
MSVOA_N
ClientSampleId :
SSP-C-COMPOSITE

Tot Ion: 84 Resp: 2222390
Ion Ratio Lower Upper
84 100
49 119.6 106.9 160.3
51 37.2 32.7 49.1
86 64.0 49.8 74.8

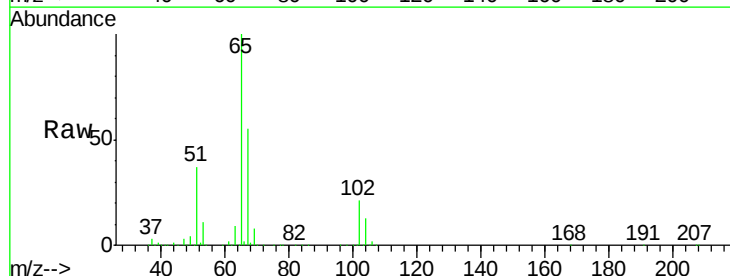


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

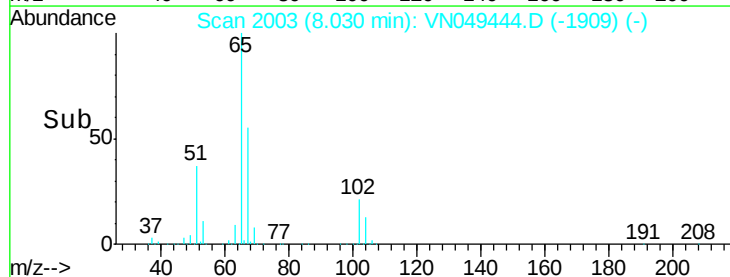
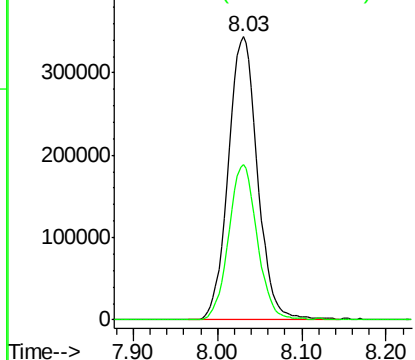


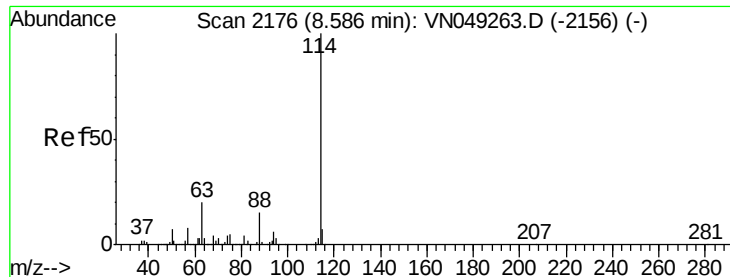
#33
1,2-Dichloroethane-d4
Concen: 50.10 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049444.D
Acq: 20 Jun 2018 18:46

Tgt Ion: 65 Resp: 830479
Ion Ratio Lower Upper
65 100
67 53.6 0.0 103.8



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

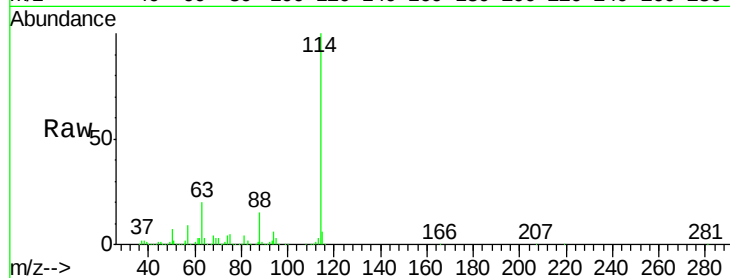




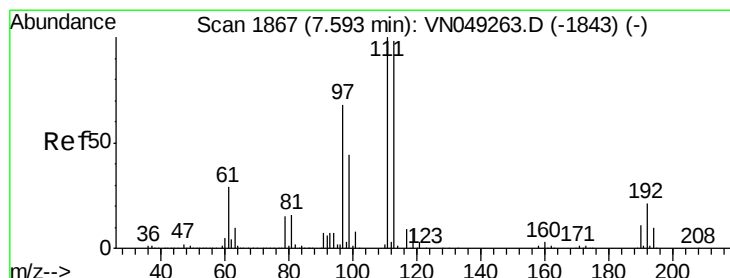
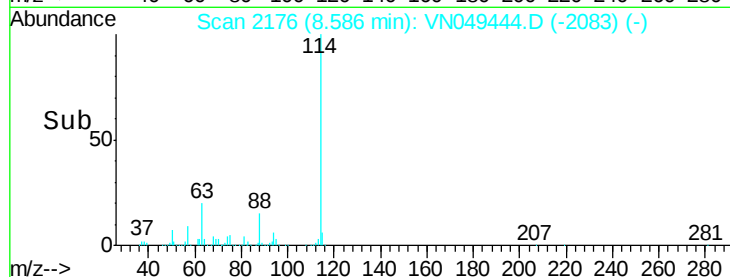
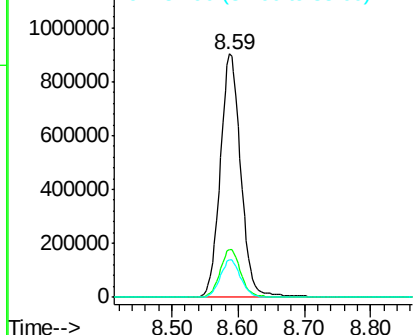
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VN049444.D
Acq: 20 Jun 2018 18:46

Instrument :
MSVOA_N
ClientSampleId :
SSP-C-COMPOSITE

Tot Ion:114 Resp: 1939670
Ion Ratio Lower Upper
114 100
63 19.9 0.0 44.4
88 15.4 0.0 31.4

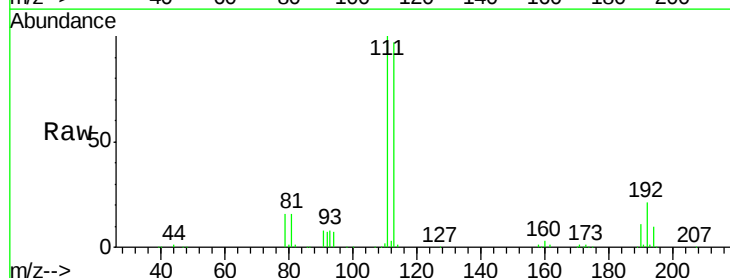


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

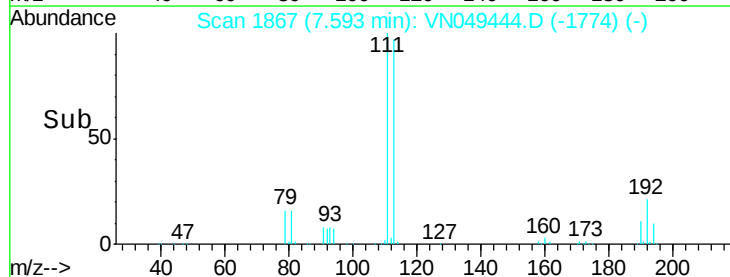
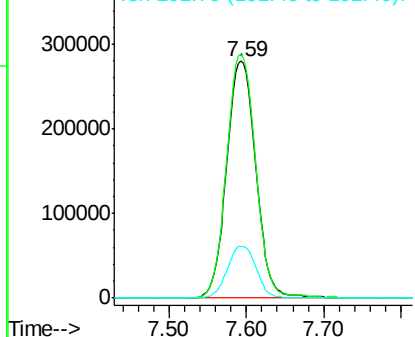


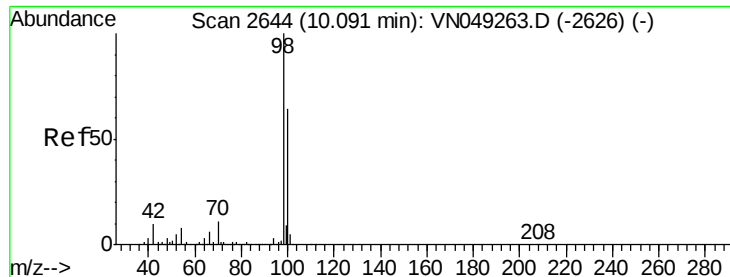
#35
Dibromofluoromethane
Concen: 46.69 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049444.D
Acq: 20 Jun 2018 18:46

Tgt Ion:113 Resp: 732732
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 21.7 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: 44.66 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049444.D

Acq: 20 Jun 2018 18:46

Instrument :

MSVOA_N

ClientSampleId :

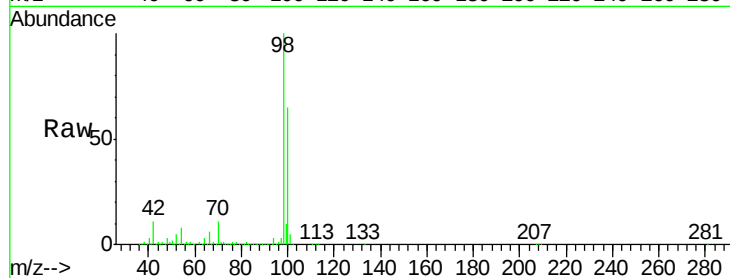
SSP-C-COMPOSITE

Tot Ion: 98 Resp: 2668716

Ion Ratio Lower Upper

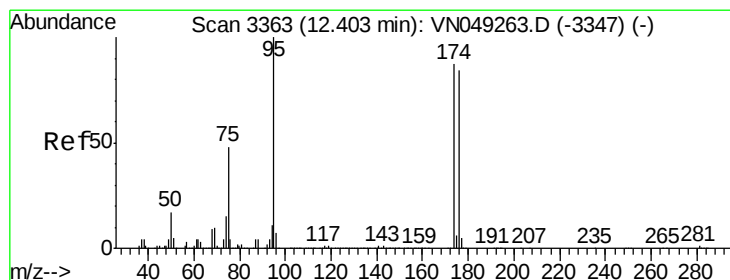
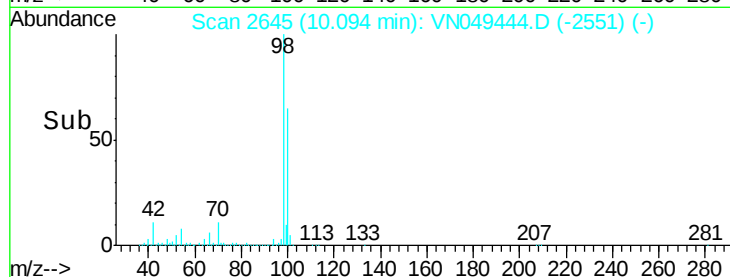
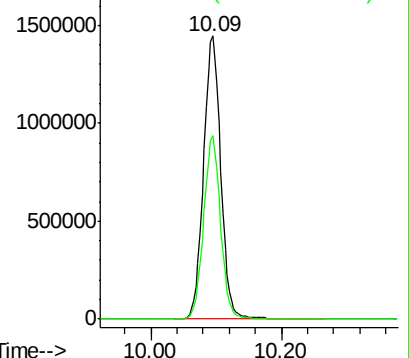
98 100

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) (-)



#62

4-Bromofluorobenzene

Concen: 37.20 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049444.D

Acq: 20 Jun 2018 18:46

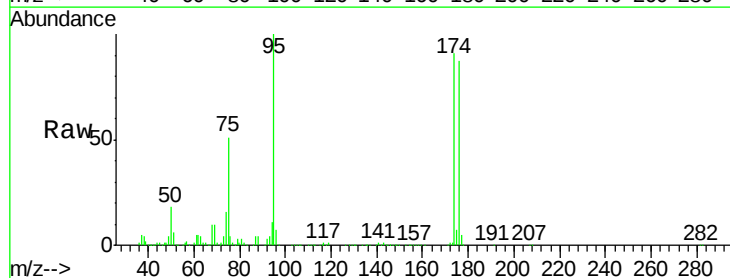
Tgt Ion: 95 Resp: 734913

Ion Ratio Lower Upper

95 100

174 89.9 0.0 165.6

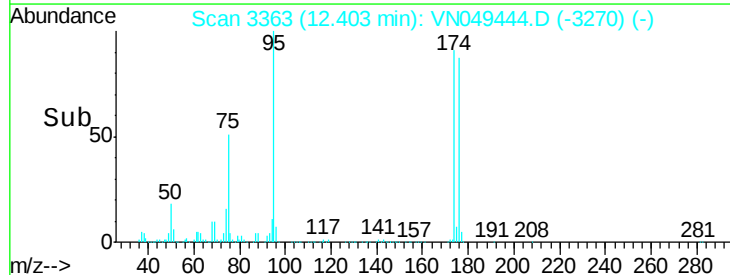
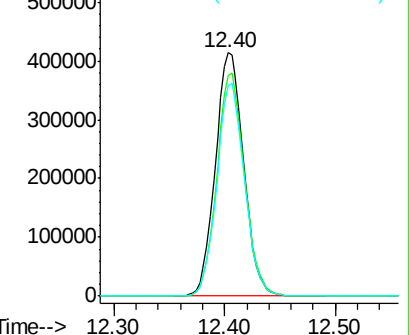
176 85.7 0.0 157.4

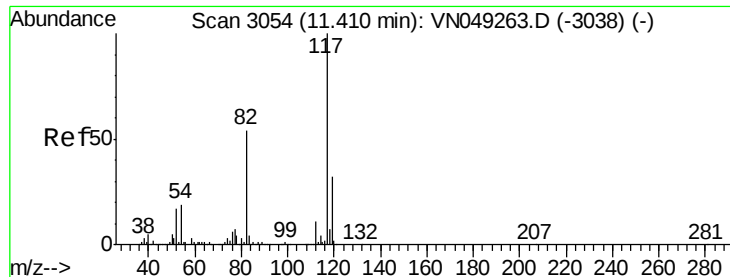


Abundance Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

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

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

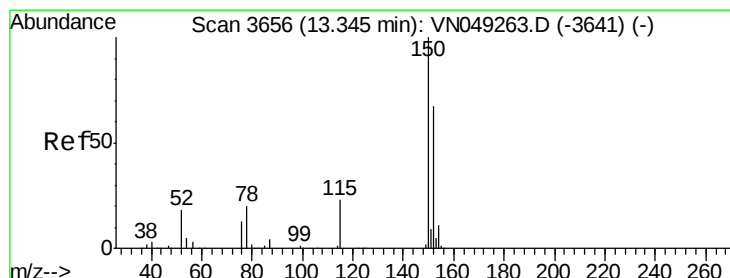
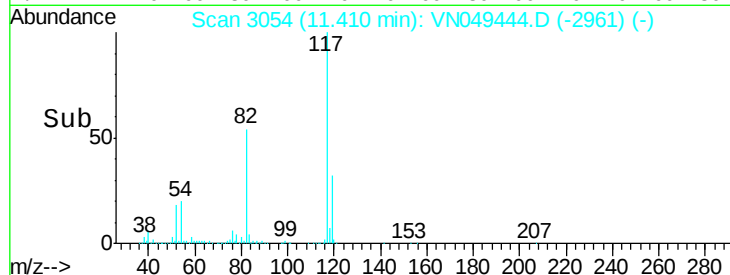
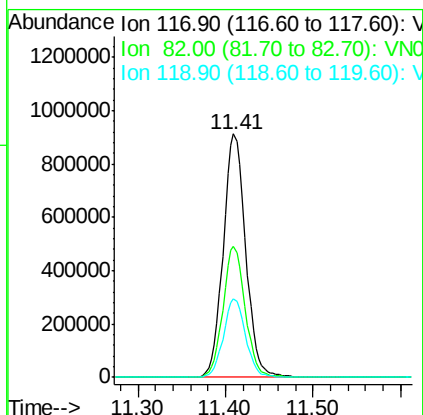
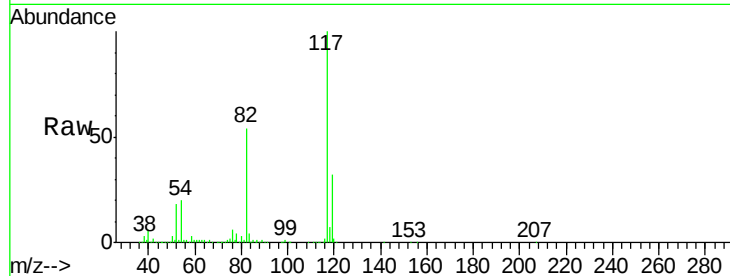




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049444.D
Acq: 20 Jun 2018 18:46

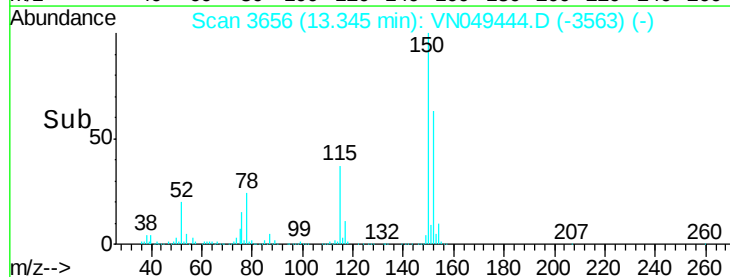
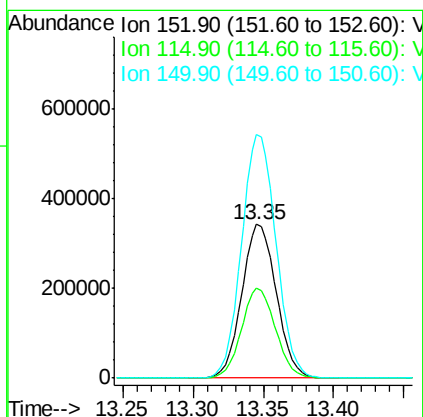
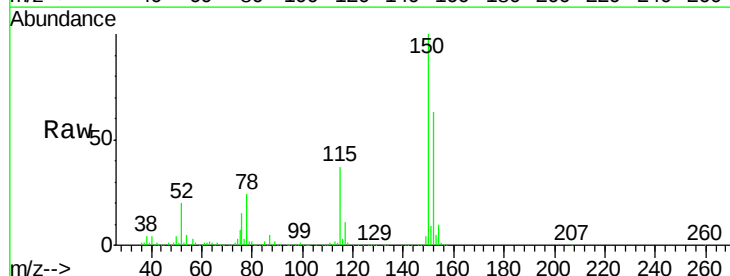
Instrument :
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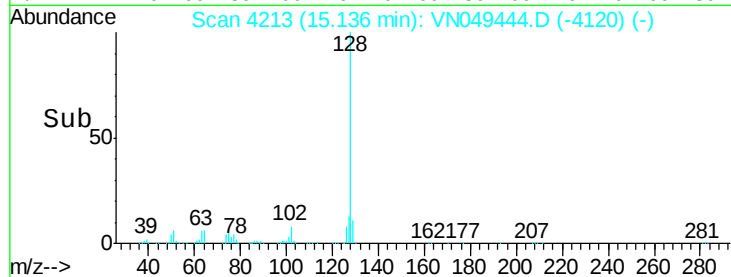
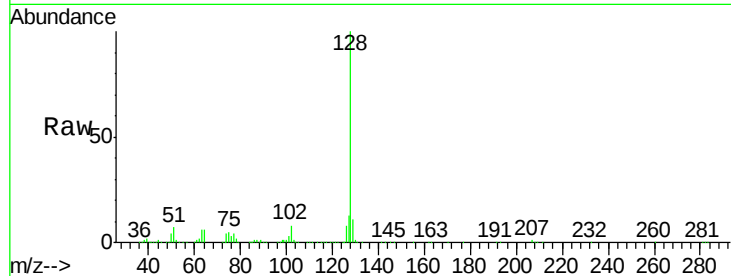
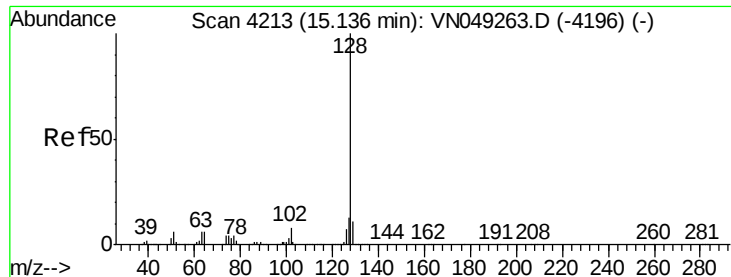
Tot Ion:117 Resp: 1628537
Ion Ratio Lower Upper
117 100
82 53.9 45.9 68.9
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049444.D
Acq: 20 Jun 2018 18:46

Tgt Ion:152 Resp: 586876
Ion Ratio Lower Upper
152 100
115 57.6 28.7 86.1
150 159.0 0.0 351.0





#95

Naphthalene

Concen: 44.76 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049444.D

Acq: 20 Jun 2018 18:46

Instrument :

MSVOA_N

ClientSampleId :

SSP-C-COMPOSITE

Tot Ion:128 Resp: 783929

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.9 8.5 12.7

