

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049541.D
 Acq On : 26 Jun 2018 5:11
 Operator : MD\SY
 Sample : J3676-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RO-9-13

Quant Time: Jun 26 06:40:06 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	1090183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1729655	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1413114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	406725	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	728100	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
35) Dibromofluoromethane	7.59	113	656555	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
50) Toluene-d8	10.09	98	2356248	44.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.44%	
62) 4-Bromofluorobenzene	12.40	95	596473	33.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.72%	

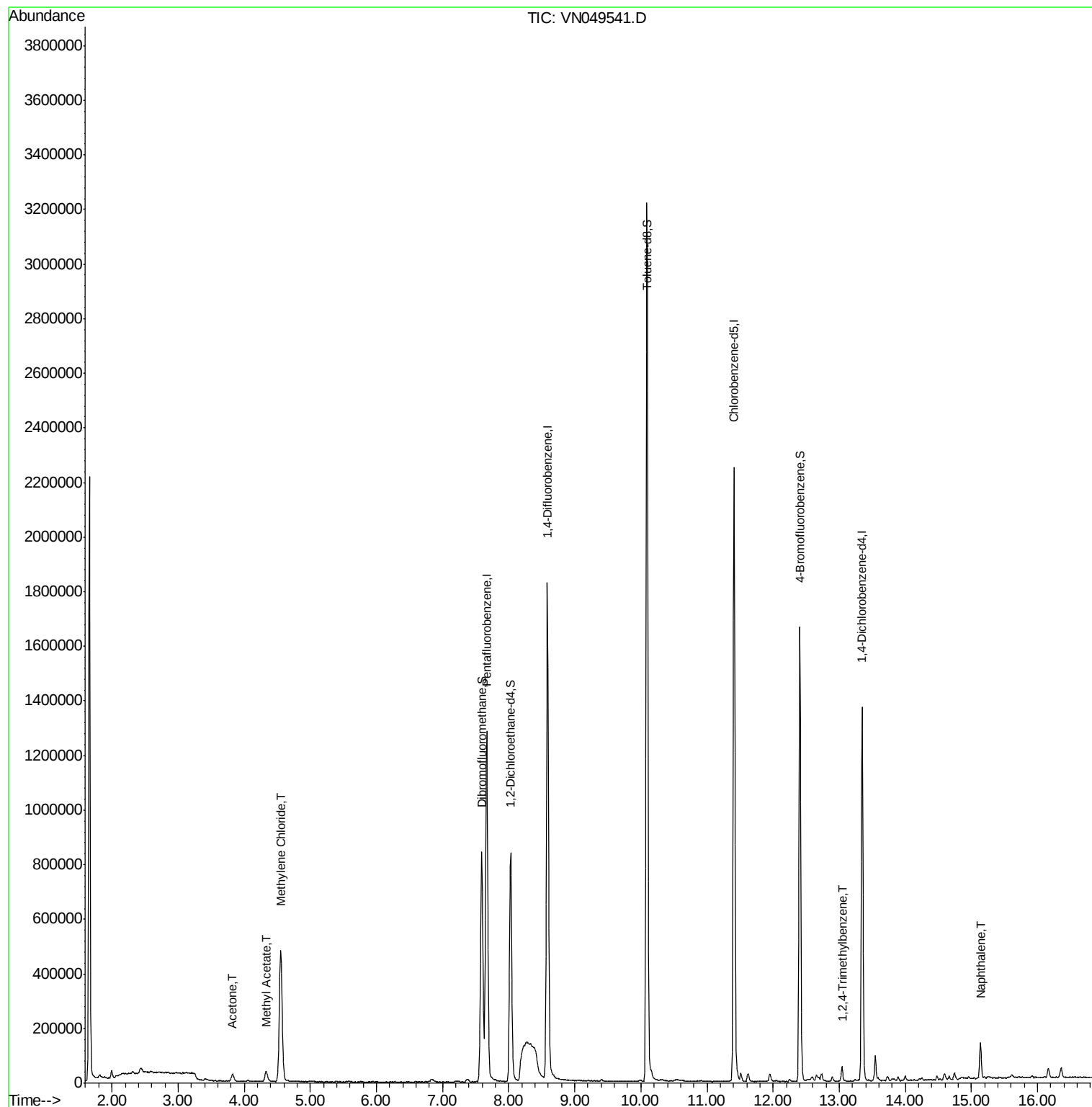
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	45292	12.90	ug/l	96
18) Methyl Acetate	4.33	43	75919	7.09	ug/l	97
20) Methylene Chloride	4.55	84	371709	25.35	ug/l	91
84) 1,2,4-Trimethylbenzene	13.04	105	30636	1.10	ug/l	99
95) Naphthalene	15.14	128	116283	12.10	ug/l	99

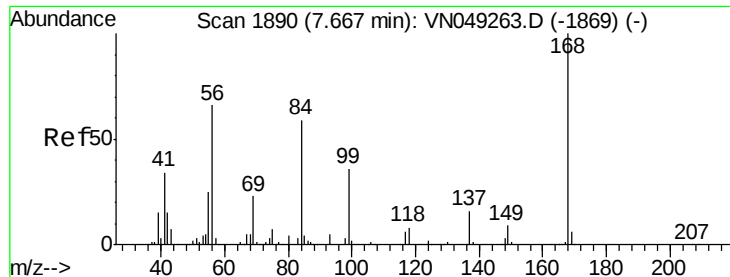
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049541.D

Acq: 26 Jun 2018 5:11

Instrument :

MSVOA_N

ClientSampled :

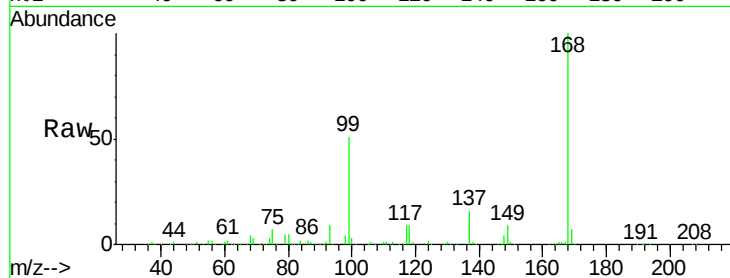
RO-9-13

Tot Ion:168 Resp: 1090183

Ion Ratio Lower Upper

168 100

99 51.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

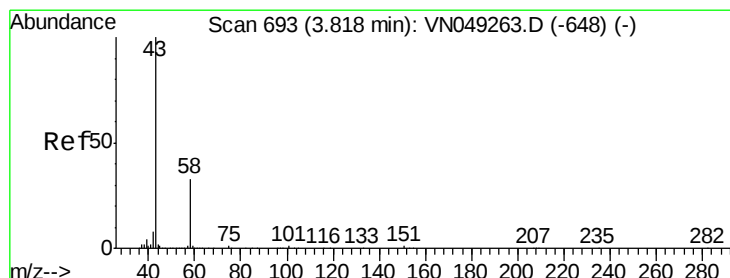
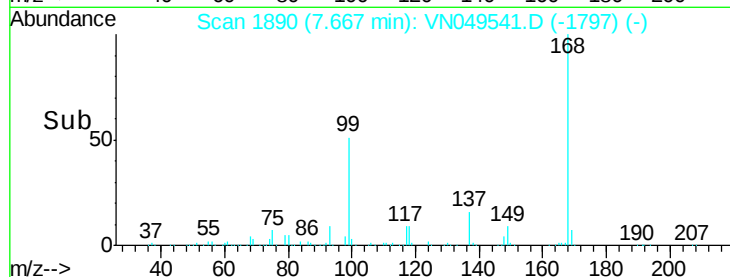
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 12.90 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049541.D

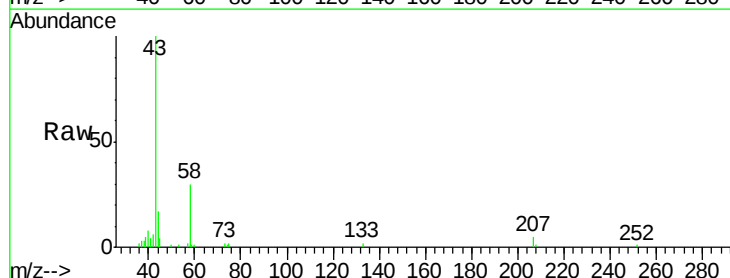
Acq: 26 Jun 2018 5:11

Tgt Ion: 43 Resp: 45292

Ion Ratio Lower Upper

43 100

58 30.1 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

20000

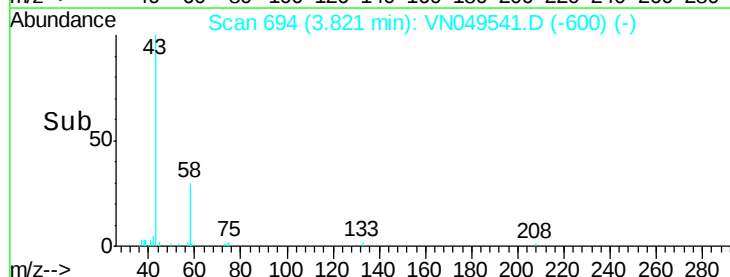
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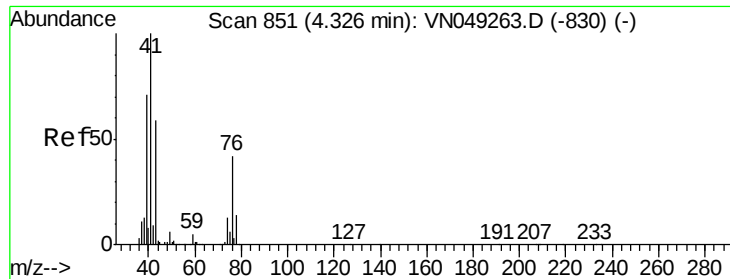
10000

5000

0

Time-->

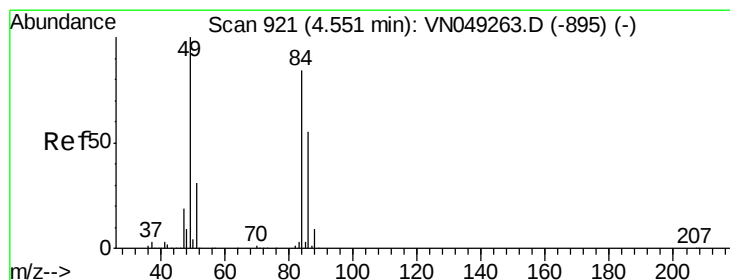
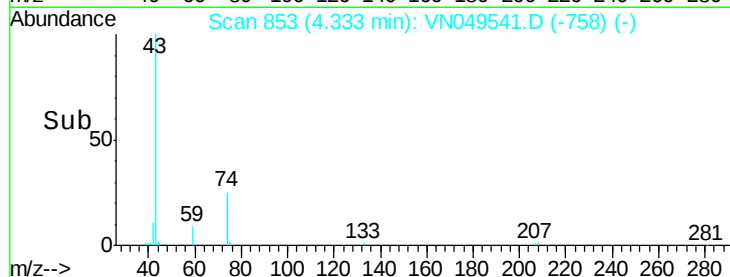
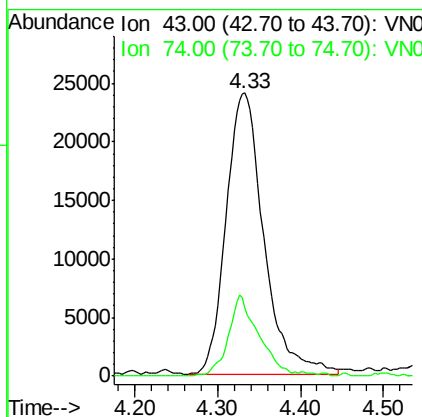
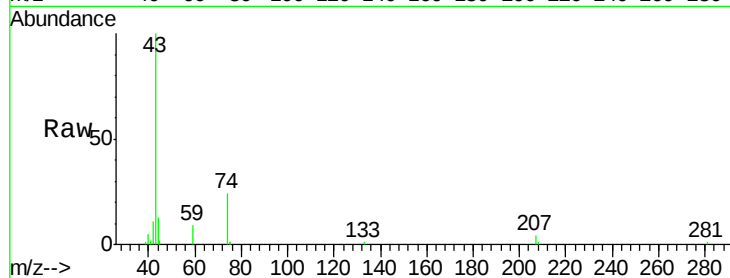




#18
Methvl Acetate
Concen: 7.09 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049541.D
Acq: 26 Jun 2018 5:11

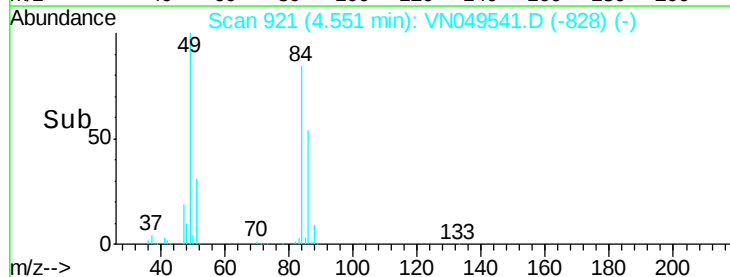
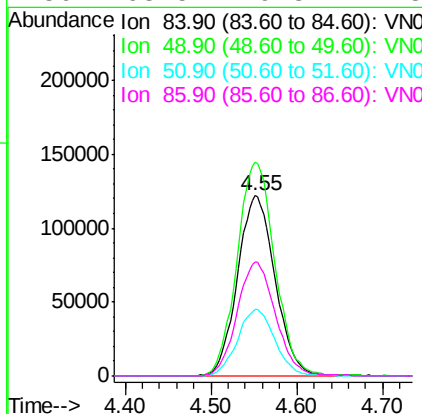
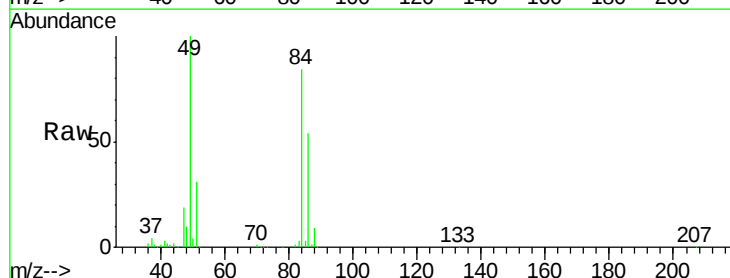
Instrument :
MSVOA_N
ClientSampled :
RO-9-13

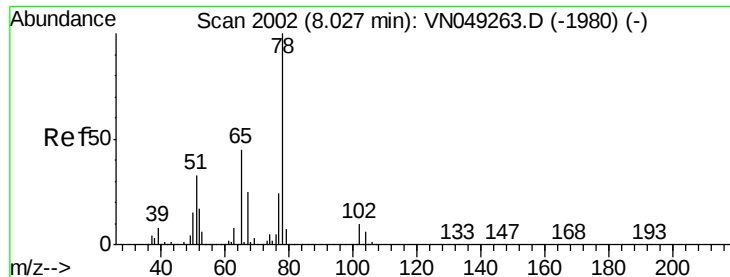
Tot Ion: 43 Resp: 75919
Ion Ratio Lower Upper
43 100
74 23.0 17.4 26.0



#20
Methylene Chloride
Concen: 25.35 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049541.D
Acq: 26 Jun 2018 5:11

Tgt Ion: 84 Resp: 371709
Ion Ratio Lower Upper
84 100
49 118.5 106.9 160.3
51 36.8 32.7 49.1
86 63.5 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 50.35 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049541.D

Acq: 26 Jun 2018 5:11

Instrument :

MSVOA_N

ClientSampleId :

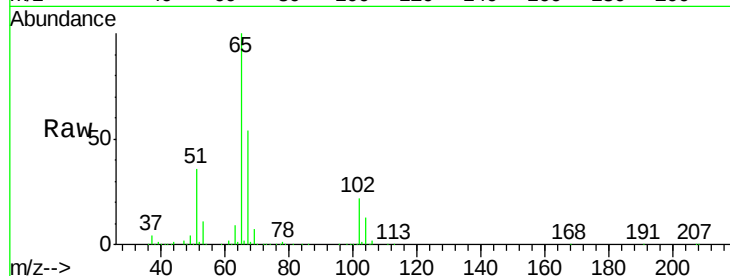
RO-9-13

Tot Ion: 65 Resp: 728100

Ion Ratio Lower Upper

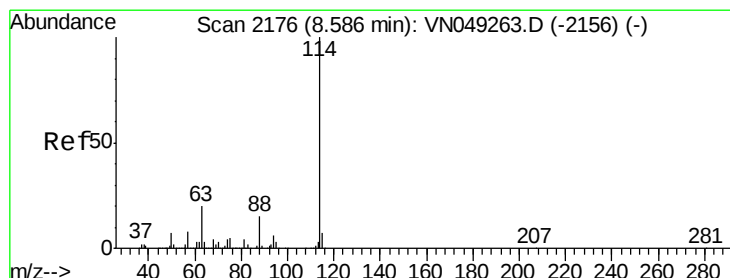
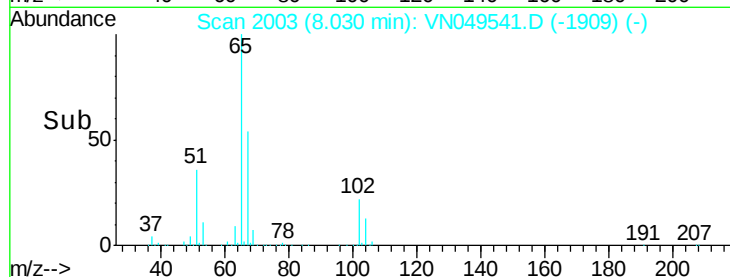
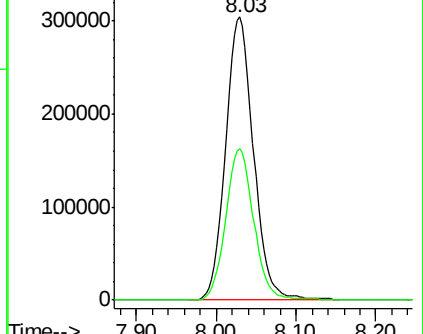
65 100

67 53.3 0.0 103.8



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: VN049541.D

Acq: 26 Jun 2018 5:11

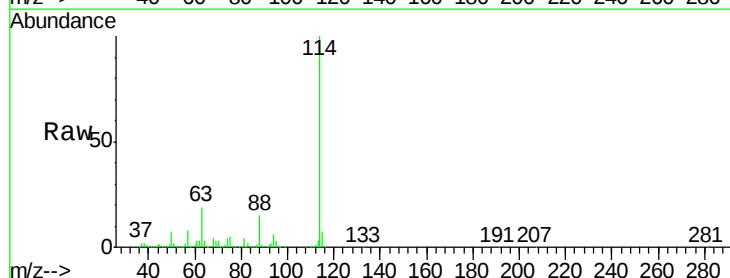
Tgt Ion: 114 Resp: 1729655

Ion Ratio Lower Upper

114 100

63 19.4 0.0 44.4

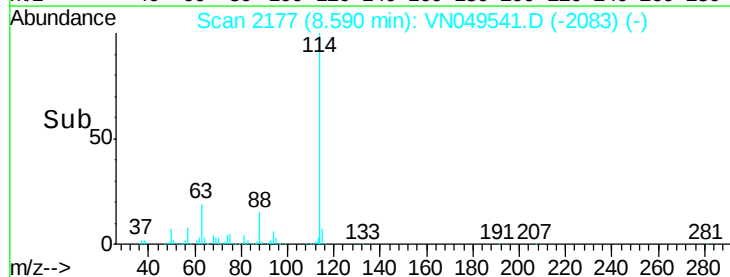
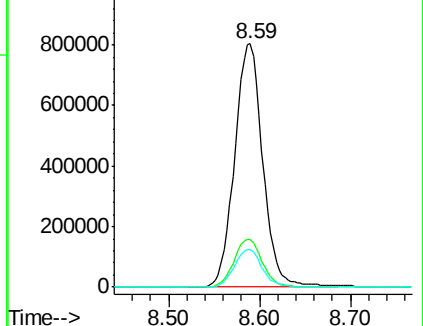
88 15.3 0.0 31.4

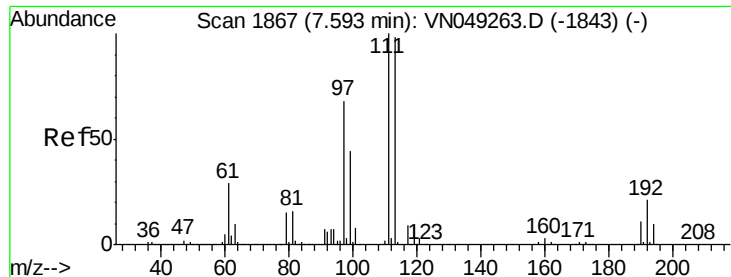


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

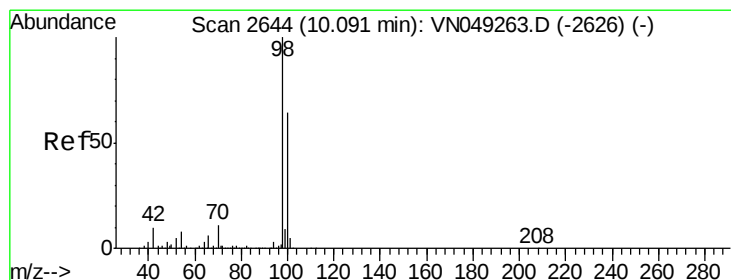
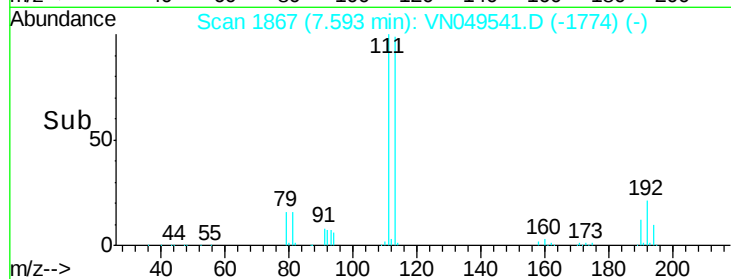
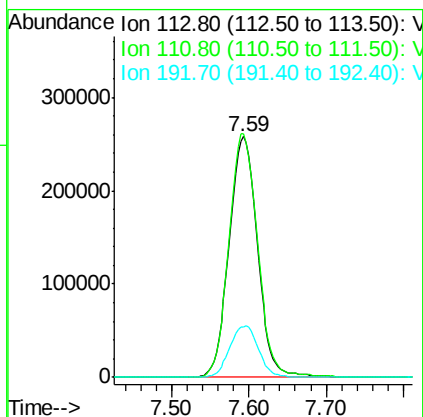
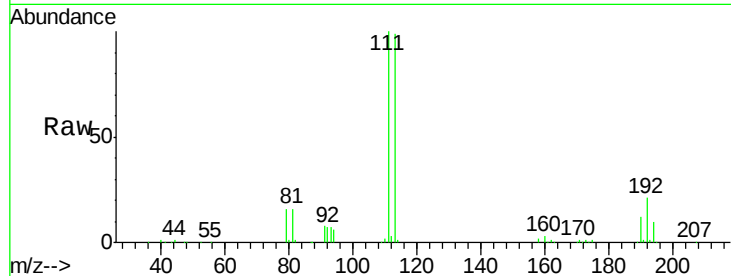




#35
 Dibromofluoromethane
 Concen: 46.92 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049541.D
 Acq: 26 Jun 2018 5:11

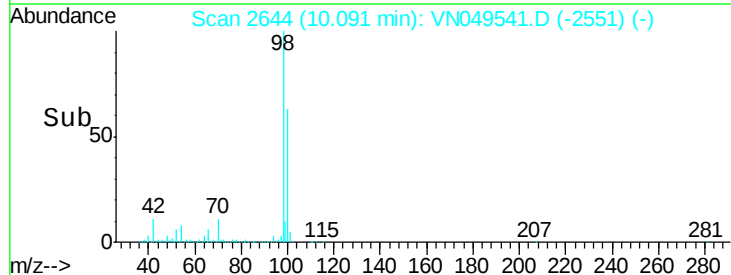
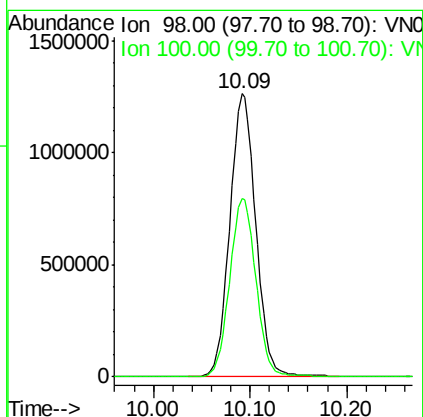
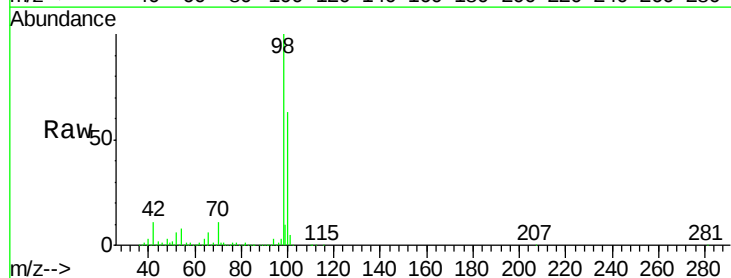
Instrument :
 MSVOA_N
 ClientSampleId :
 RO-9-13

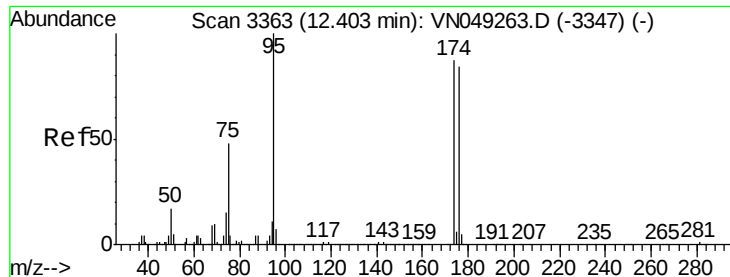
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	21.8	15.0	22.6



#50
 Toluene-d8
 Concen: 44.22 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN049541.D
 Acq: 26 Jun 2018 5:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	49.8	74.8

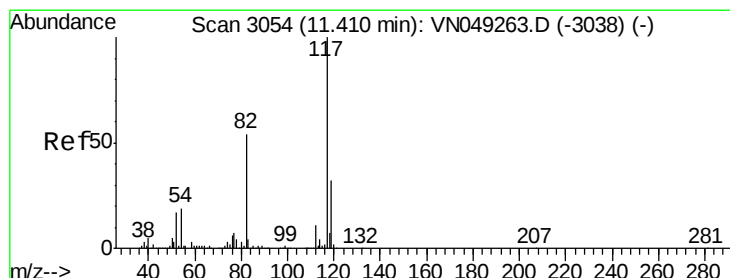
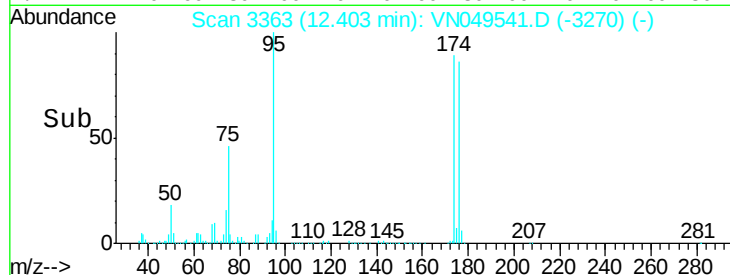
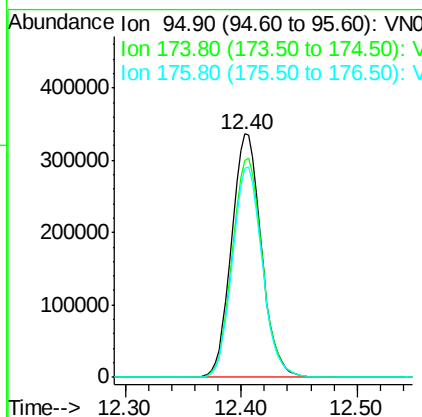
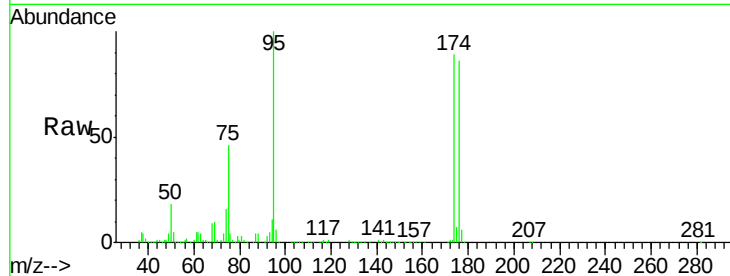




#62
4-Bromofluorobenzene
Concen: 33.86 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049541.D
Acq: 26 Jun 2018 5:11

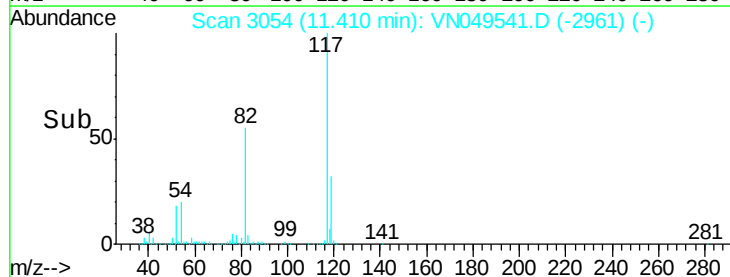
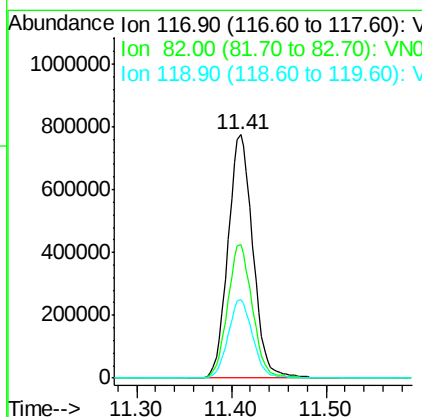
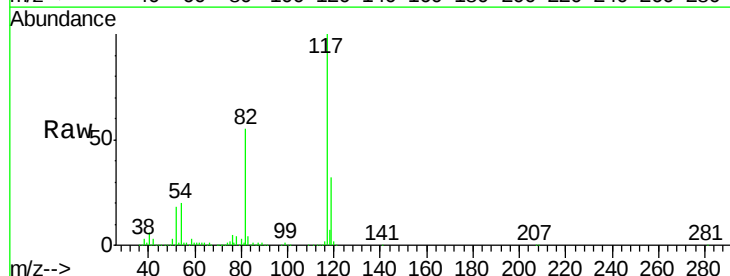
Instrument :
MSVOA_N
ClientSampleId :
RO-9-13

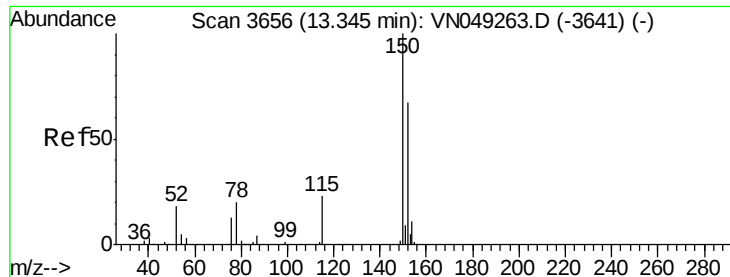
Tot Ion: 95 Resp: 596473
Ion Ratio Lower Upper
95 100
174 90.9 0.0 165.6
176 86.7 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049541.D
Acq: 26 Jun 2018 5:11

Tgt Ion: 117 Resp: 1413114
Ion Ratio Lower Upper
117 100
82 54.8 45.9 68.9
119 32.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049541.D

Acq: 26 Jun 2018 5:11

Instrument :

MSVOA_N

ClientSampled :

RO-9-13

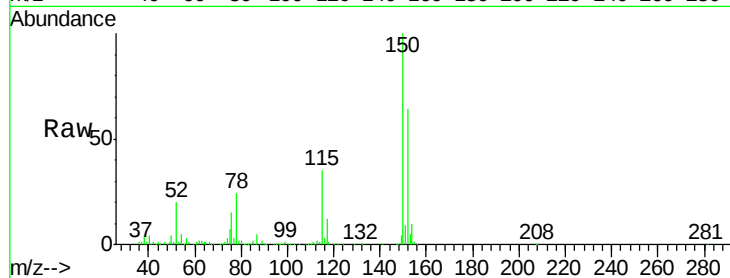
Tot Ion:152 Resp: 406725

Ion Ratio Lower Upper

152 100

115 55.8 28.7 86.1

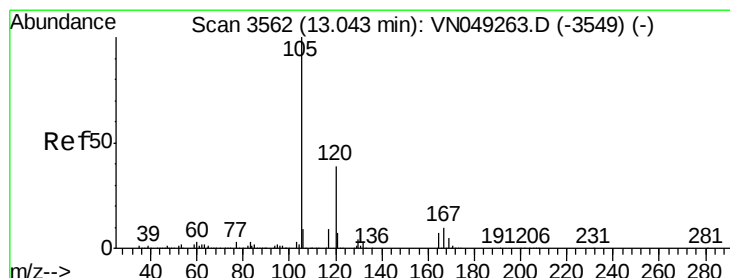
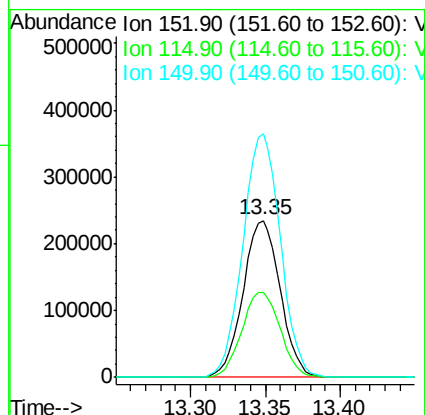
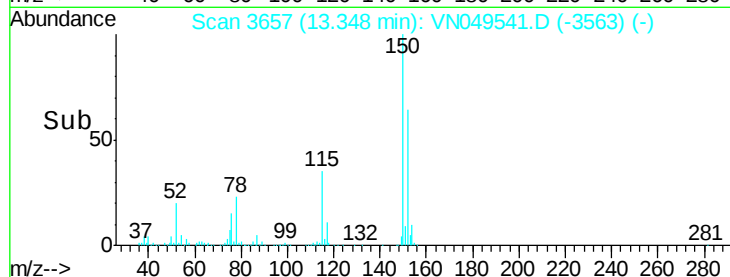
150 156.6 0.0 351.0



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



#84

1,2,4-Trimethylbenzene

Concen: 1.10 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049541.D

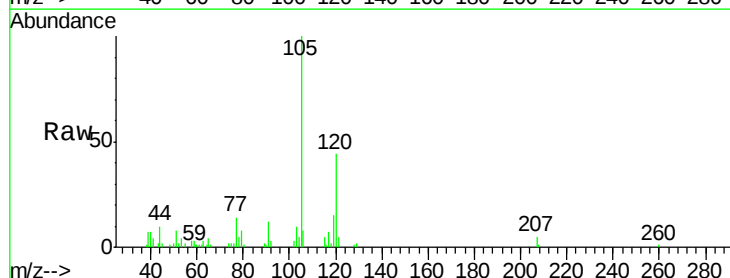
Acq: 26 Jun 2018 5:11

Tgt Ion:105 Resp: 30636

Ion Ratio Lower Upper

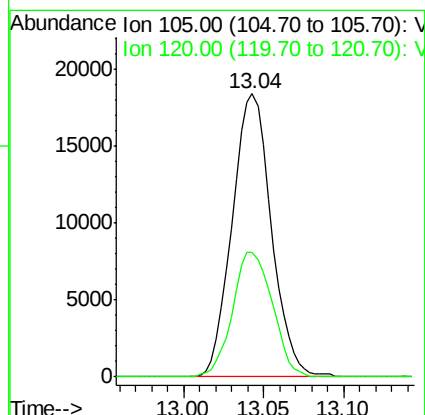
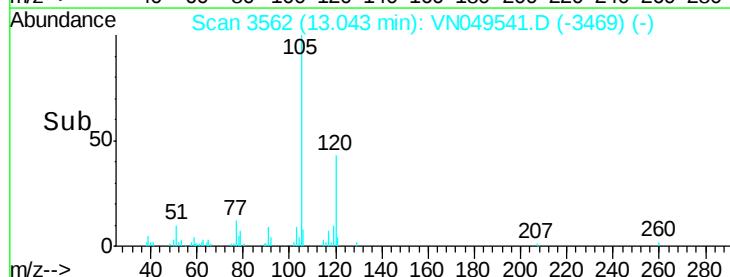
105 100

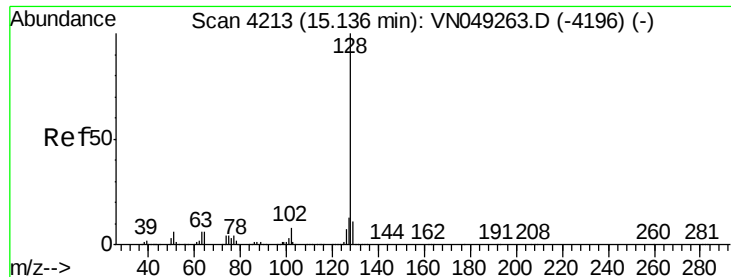
120 44.8 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 12.10 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049541.D

Acq: 26 Jun 2018 5:11

Instrument :

MSVOA_N

ClientSampleId :

RO-9-13

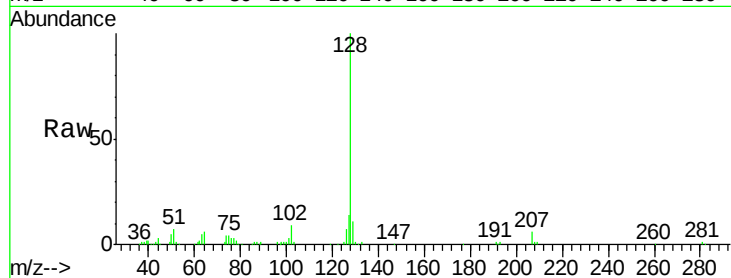
Tot Ion:128 Resp: 116283

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 10.8 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

