

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049539.D
 Acq On : 26 Jun 2018 4:20
 Operator : MD\SY
 Sample : J3676-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RO-1-4

Quant Time: Jun 26 04:53:01 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	1182605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1856625	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1512328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	410545	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	776780	49.52	ug/l	0.00
Spiked Amount						
			Recovery	=	99.04%	
35) Dibromofluoromethane	7.59	113	707951	47.13	ug/l	0.00
Spiked Amount						
			Recovery	=	94.26%	
50) Toluene-d8	10.09	98	2535662	44.33	ug/l	0.00
Spiked Amount						
			Recovery	=	88.66%	
62) 4-Bromofluorobenzene	12.40	95	619096	32.74	ug/l	0.00
Spiked Amount						
			Recovery	=	65.48%	

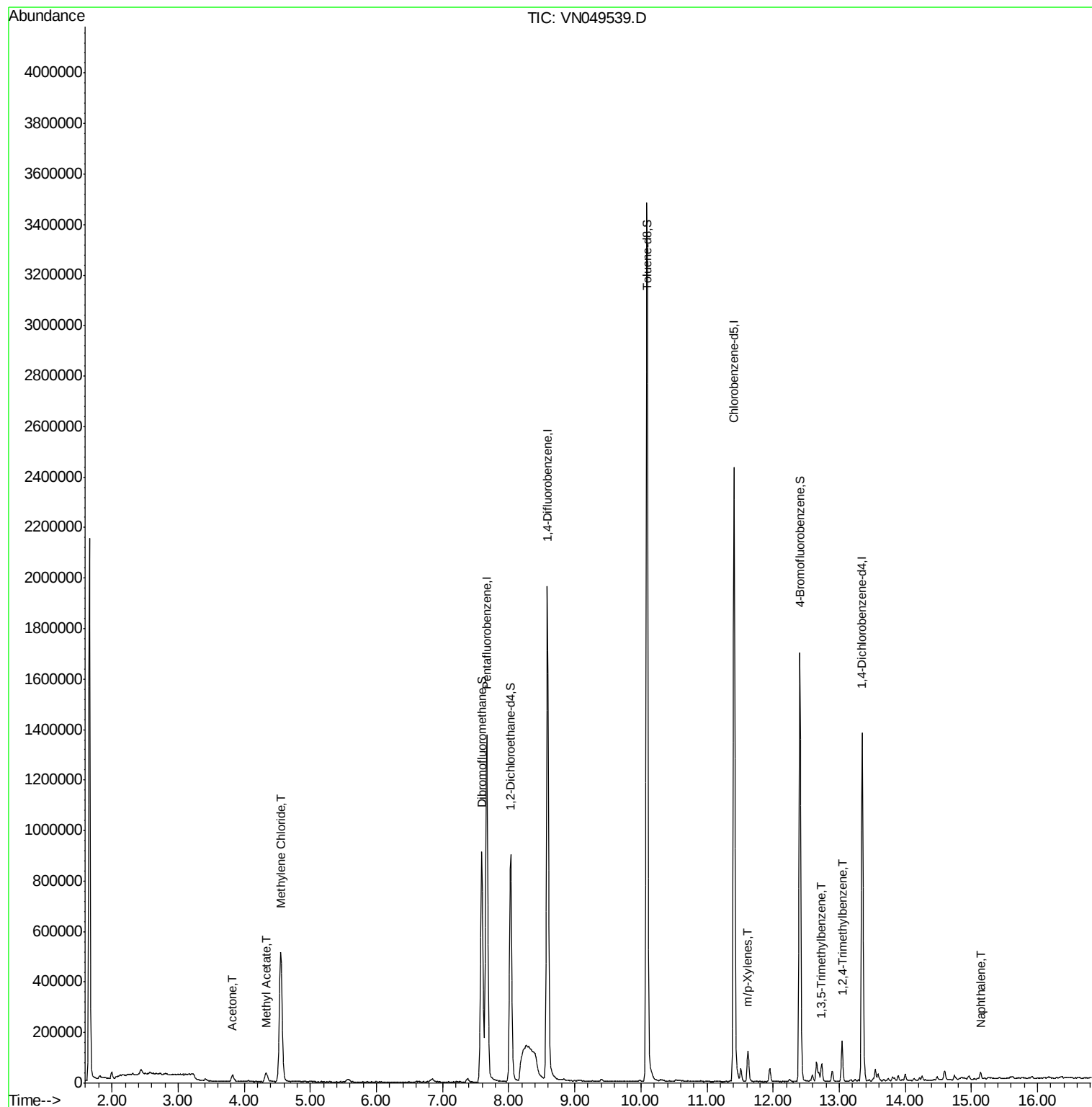
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	42293	11.11	ug/l	95
18) Methyl Acetate	4.33	43	71487	6.16	ug/l	91
20) Methylene Chloride	4.55	84	391126	24.59	ug/l	91
68) m/p-Xylenes	11.62	106	38069	1.57	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	36279	1.28	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	90774	3.23	ug/l	98
95) Naphthalene	15.14	128	20812	3.90	ug/l #	93

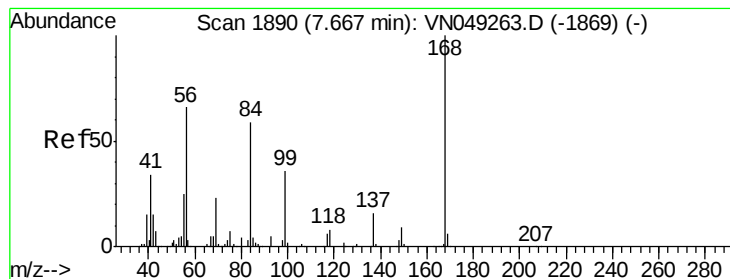
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 26 04:53:01 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049539.D

Acq: 26 Jun 2018 4:20

Instrument :

MSVOA_N

ClientSampled :

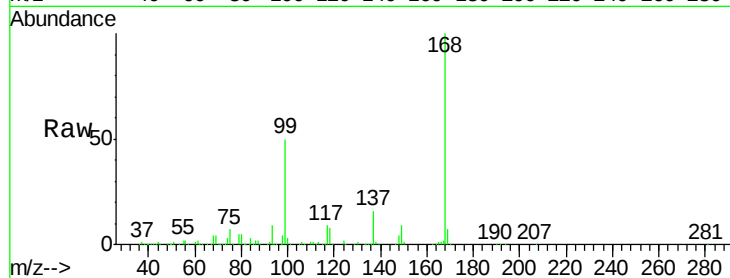
RO-1-4

Tot Ion:168 Resp: 1182605

Ion Ratio Lower Upper

168 100

99 50.2 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

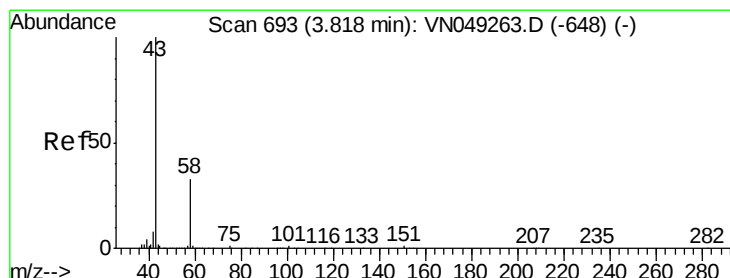
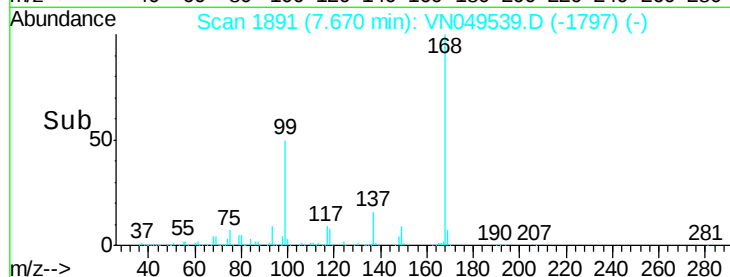
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 11.11 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049539.D

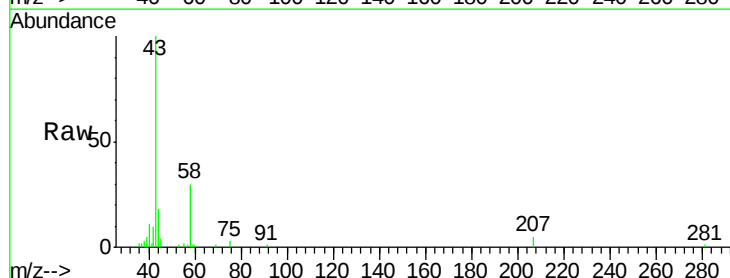
Acq: 26 Jun 2018 4:20

Tgt Ion: 43 Resp: 42293

Ion Ratio Lower Upper

43 100

58 30.6 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

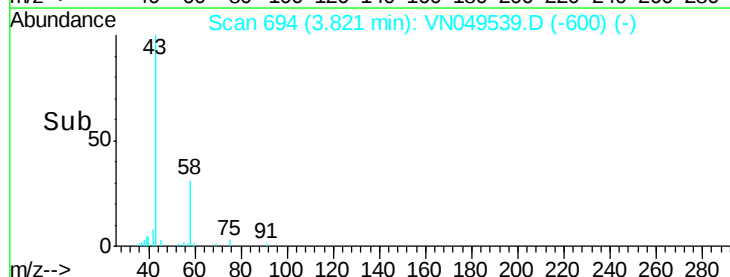
15000

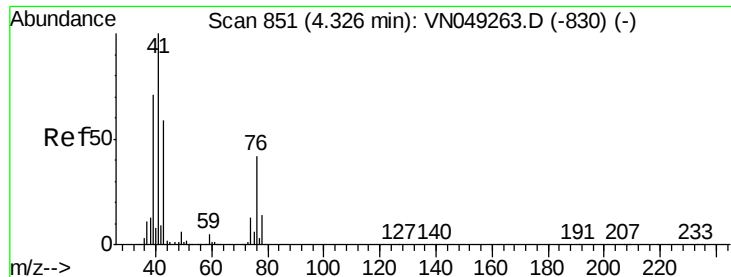
10000

5000

0

Time-->

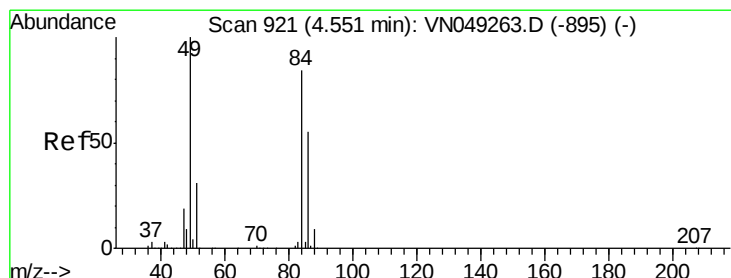
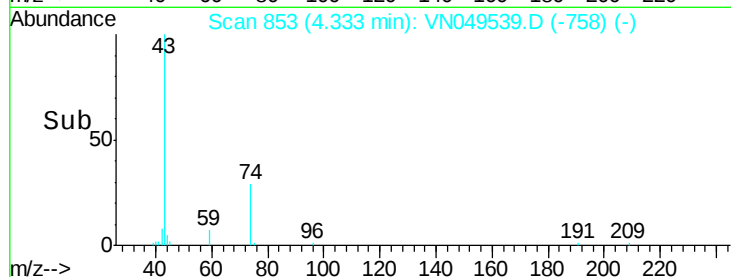
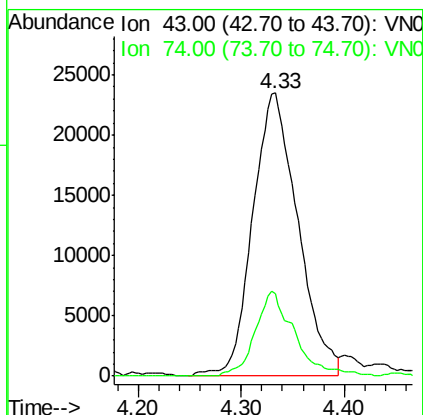
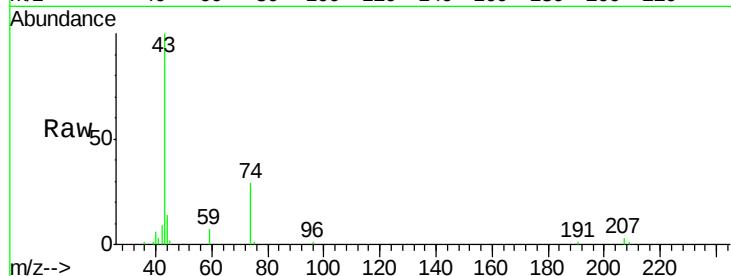




#18
Methvl Acetate
Concen: 6.16 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049539.D
Acq: 26 Jun 2018 4:20

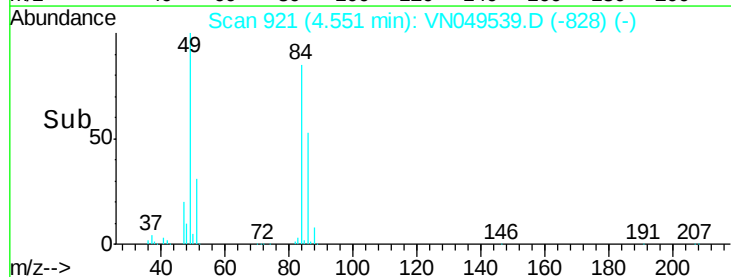
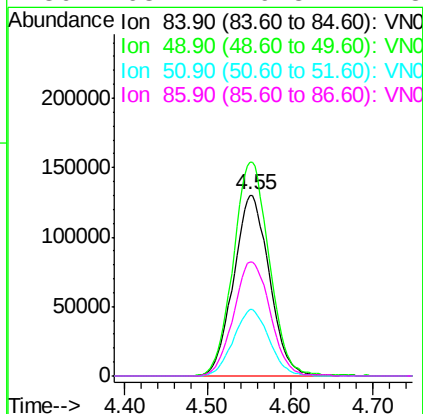
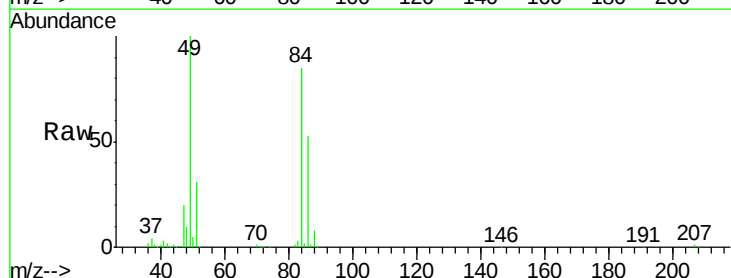
Instrument :
MSVOA_N
ClientSampled :
RO-1-4

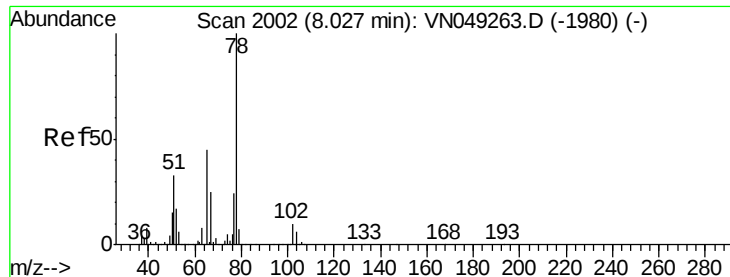
Tot Ion: 43 Resp: 71487
Ion Ratio Lower Upper
43 100
74 26.0 17.4 26.0



#20
Methylene Chloride
Concen: 24.59 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049539.D
Acq: 26 Jun 2018 4:20

Tgt Ion: 84 Resp: 391126
Ion Ratio Lower Upper
84 100
49 118.0 106.9 160.3
51 36.9 32.7 49.1
86 63.1 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 49.52 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049539.D

Acq: 26 Jun 2018 4:20

Instrument :

MSVOA_N

ClientSampleId :

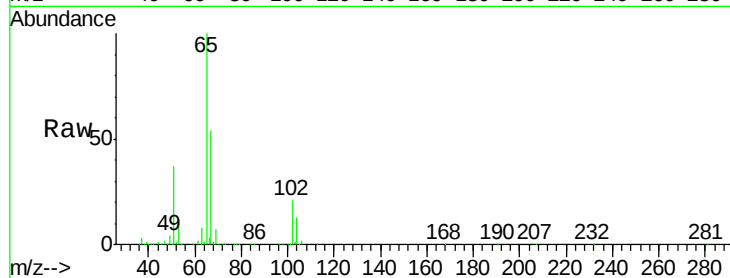
RO-1-4

Tot Ion: 65 Resp: 776780

Ion Ratio Lower Upper

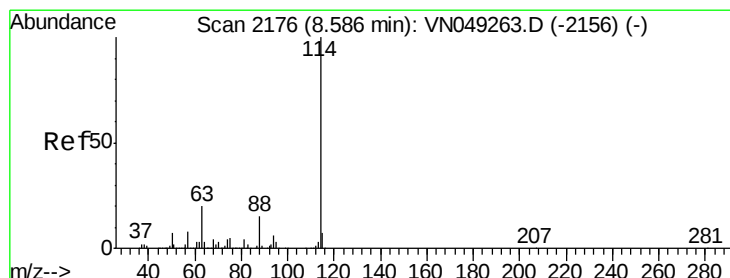
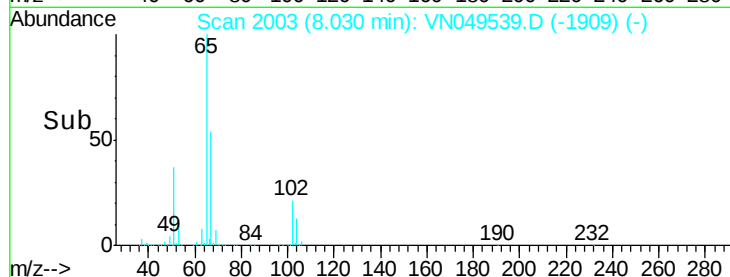
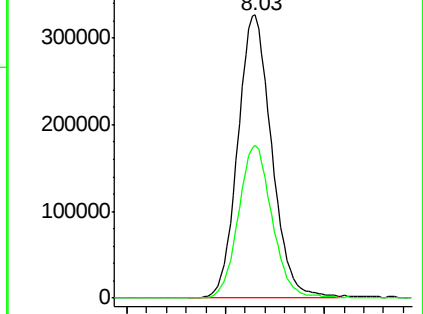
65 100

67 53.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049539.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049539.D (-1909) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049539.D

Acq: 26 Jun 2018 4:20

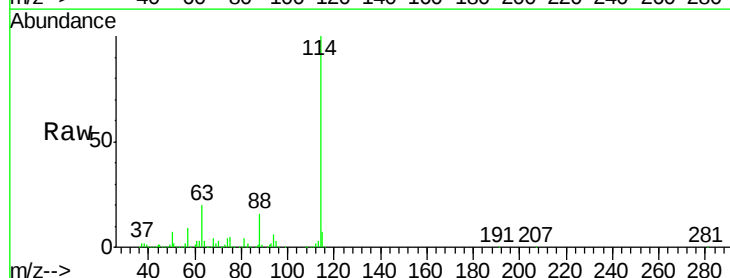
Tgt Ion: 114 Resp: 1856625

Ion Ratio Lower Upper

114 100

63 20.0 0.0 44.4

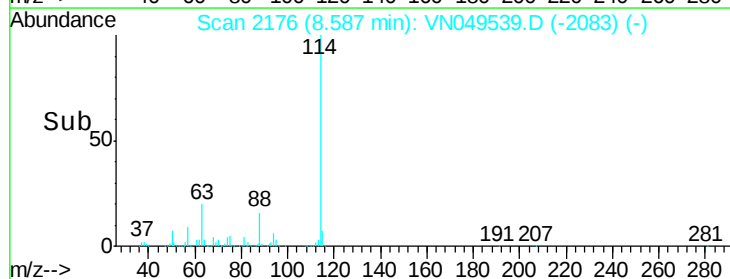
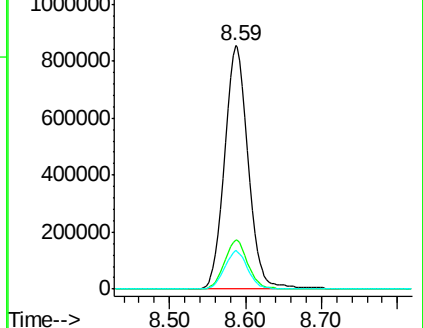
88 15.8 0.0 31.4

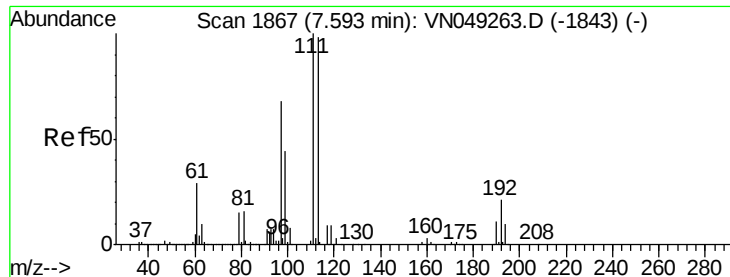


Abundance Ion 113.90 (113.60 to 114.60): VN049539.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049539.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049539.D (-2083) (-)

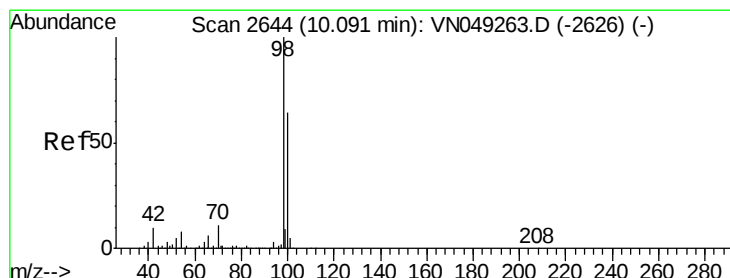
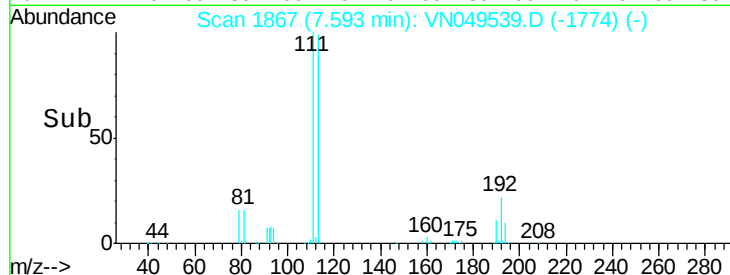
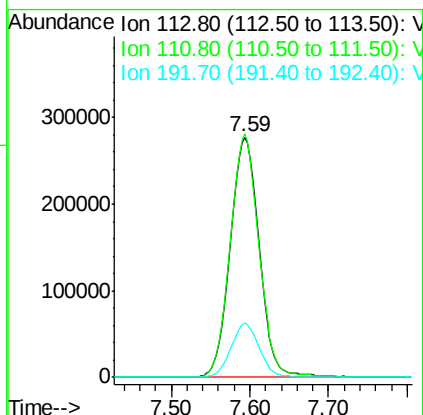
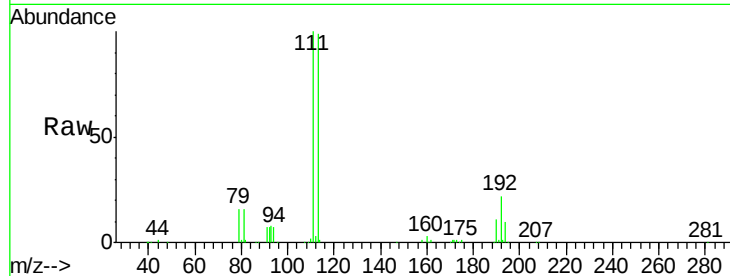




#35
 Dibromofluoromethane
 Concen: 47.13 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049539.D
 Acq: 26 Jun 2018 4:20

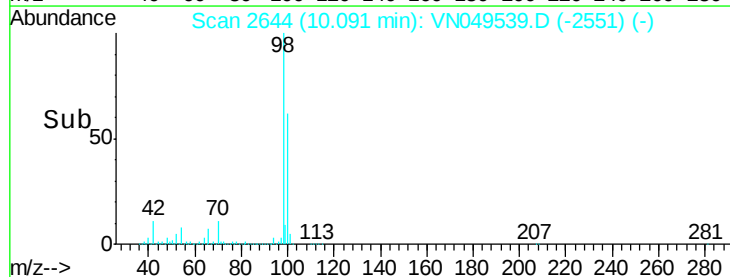
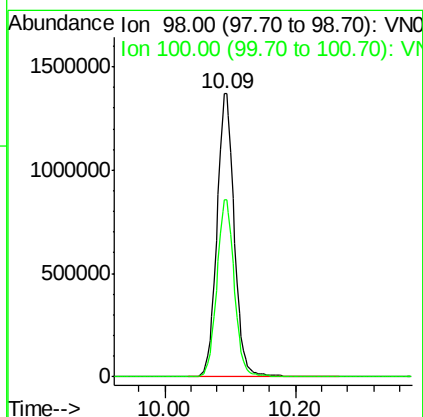
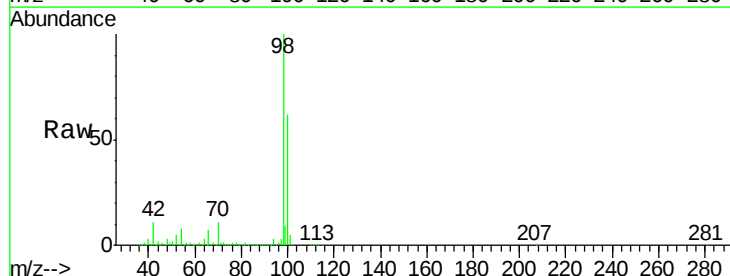
Instrument :
 MSVOA_N
 ClientSampleId :
 RO-1-4

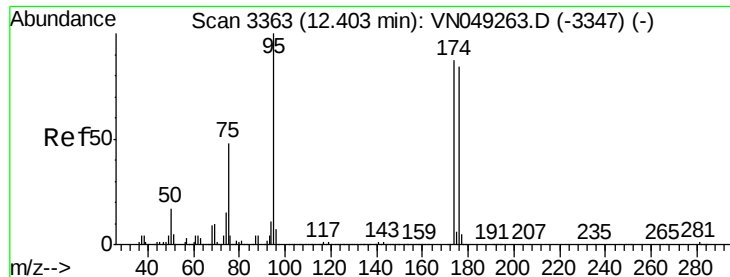
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.4	123.6
192	22.1	15.0	22.6



#50
 Toluene-d8
 Concen: 44.33 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN049539.D
 Acq: 26 Jun 2018 4:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.9	49.8	74.8

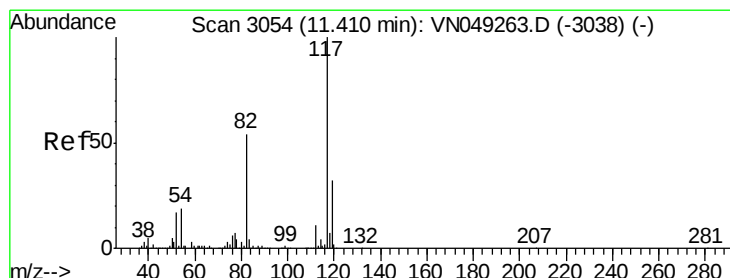
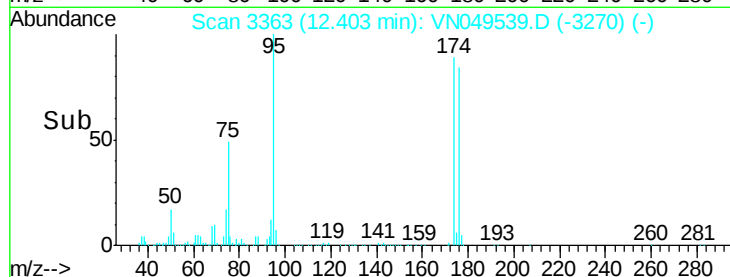
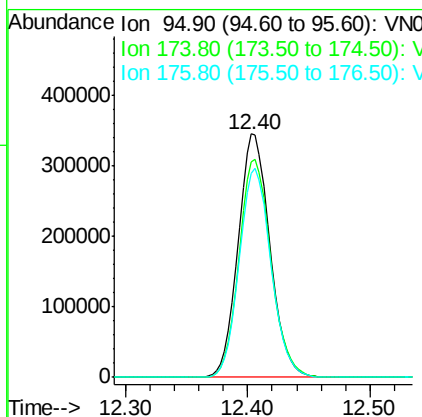
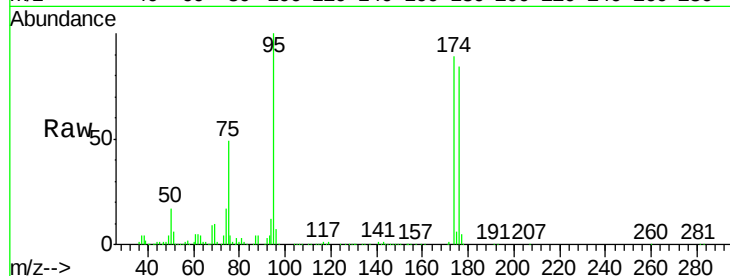




#62
4-Bromofluorobenzene
Concen: 32.74 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049539.D
Acq: 26 Jun 2018 4:20

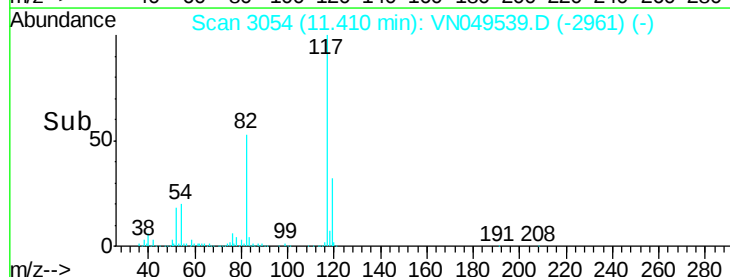
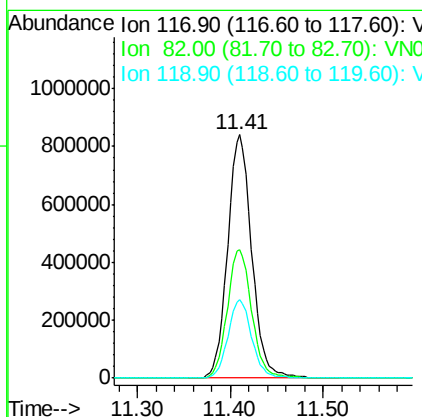
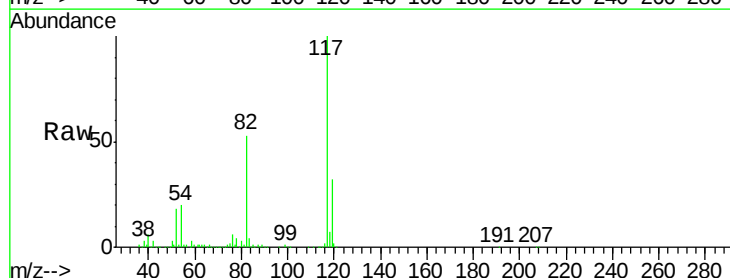
Instrument :
MSVOA_N
ClientSampled :
RO-1-4

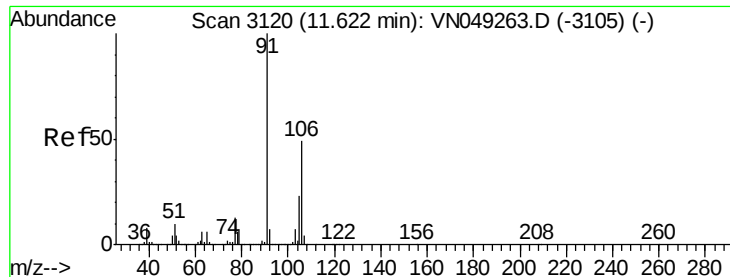
Tot Ion: 95 Resp: 619096
Ion Ratio Lower Upper
95 100
174 90.0 0.0 165.6
176 85.9 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049539.D
Acq: 26 Jun 2018 4:20

Tgt Ion: 117 Resp: 1512328
Ion Ratio Lower Upper
117 100
82 53.0 45.9 68.9
119 32.5 25.5 38.3

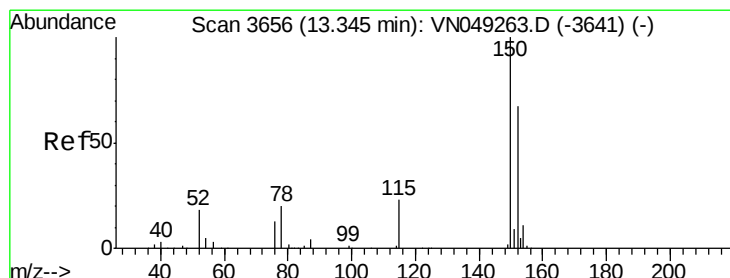
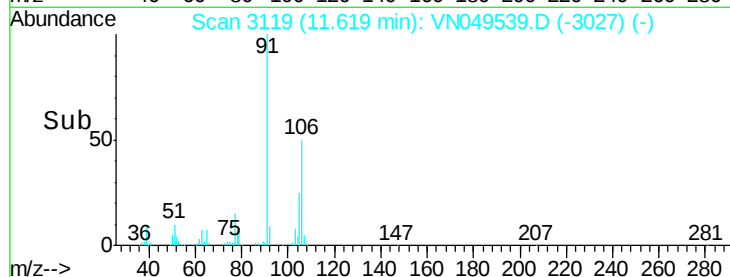
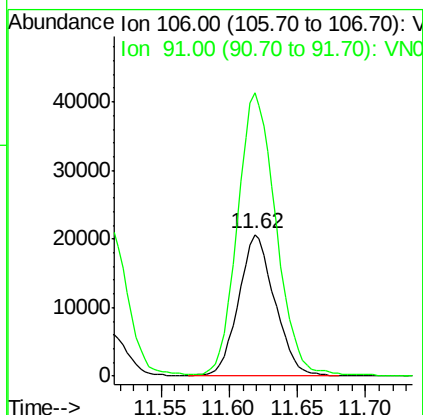
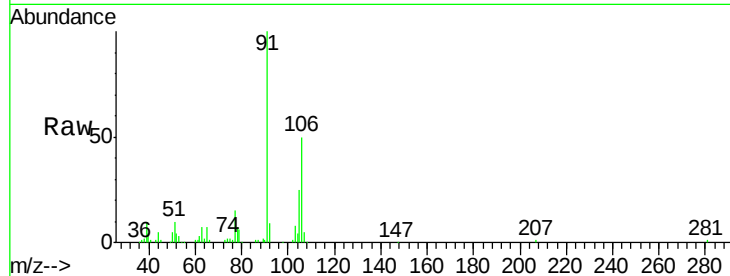




#68
m/p-Xvlenes
Concen: 1.57 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049539.D
Acq: 26 Jun 2018 4:20

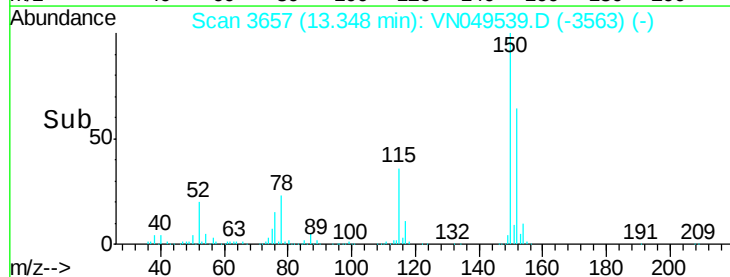
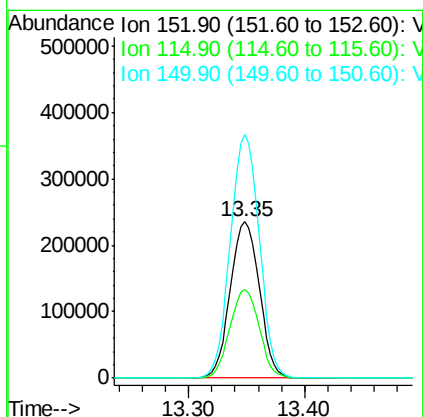
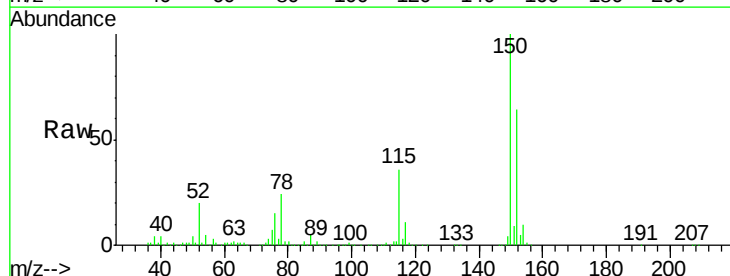
Instrument :
MSVOA_N
ClientSampled :
RO-1-4

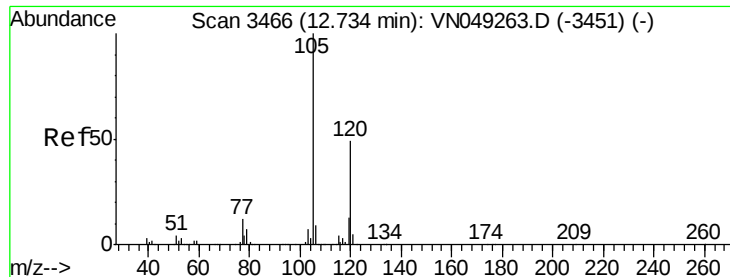
Tot Ion:106 Resp: 38069
Ion Ratio Lower Upper
106 100
91 209.6 167.3 250.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049539.D
Acq: 26 Jun 2018 4:20

Tgt Ion:152 Resp: 410545
Ion Ratio Lower Upper
152 100
115 57.2 28.7 86.1
150 154.3 0.0 351.0





#80

1,3,5-Trimethylbenzene

Concen: 1.28 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049539.D

Acq: 26 Jun 2018 4:20

Instrument :

MSVOA_N

ClientSampled :

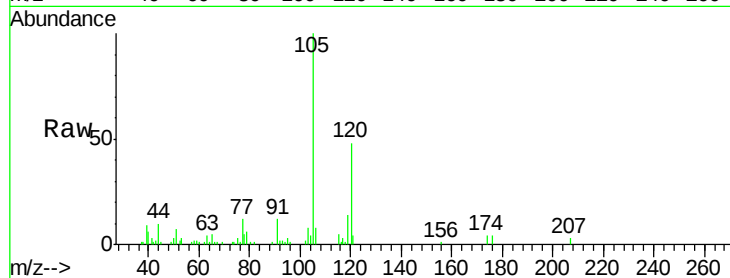
RO-1-4

Tot Ion:105 Resp: 36279

Ion Ratio Lower Upper

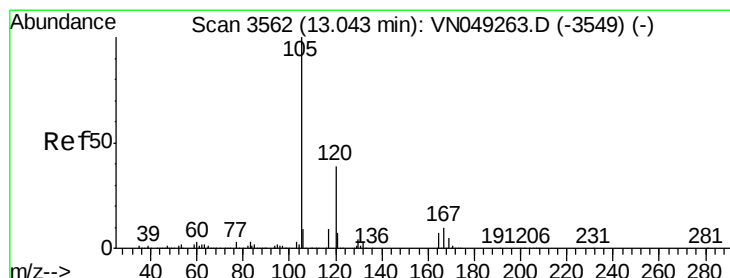
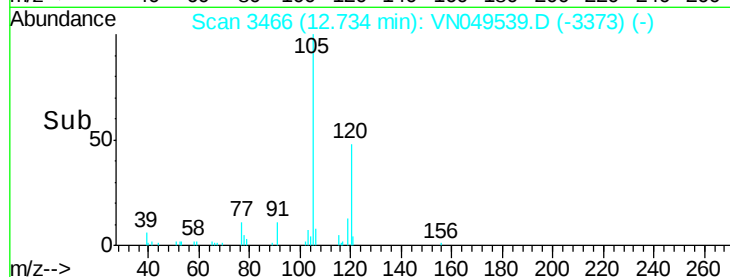
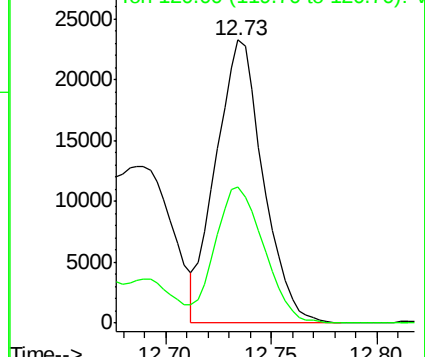
105 100

120 49.6 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 3.23 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049539.D

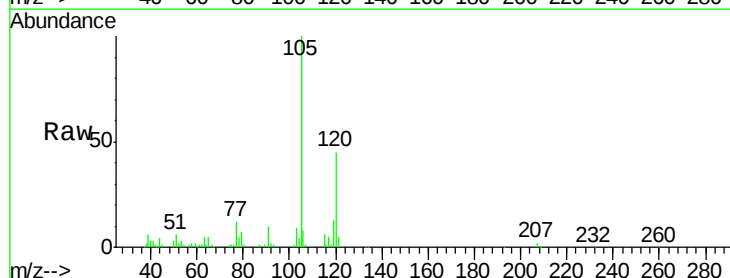
Acq: 26 Jun 2018 4:20

Tgt Ion:105 Resp: 90774

Ion Ratio Lower Upper

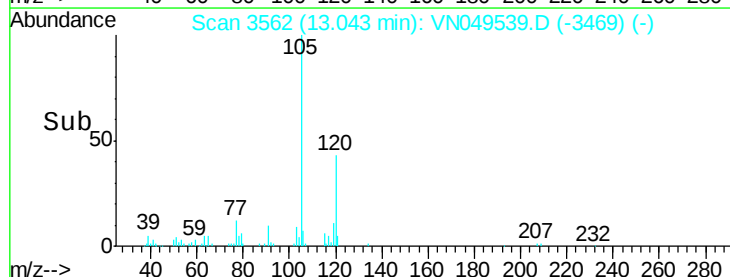
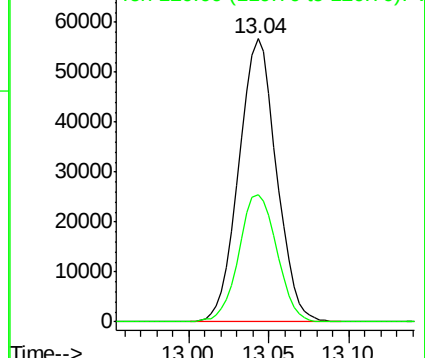
105 100

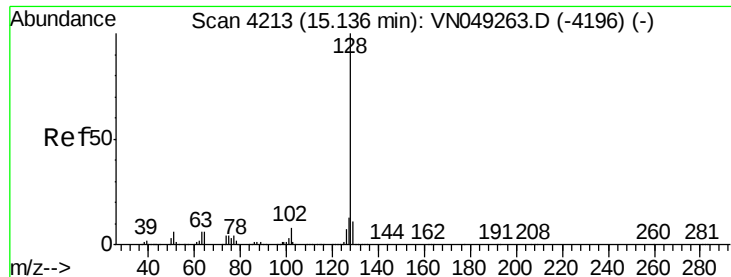
120 45.5 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 3.90 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049539.D

Acq: 26 Jun 2018 4:20

Instrument :

MSVOA_N

ClientSampleId :

RO-1-4

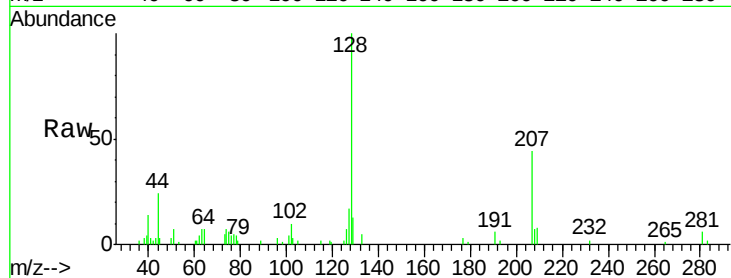
Tot Ion:128 Resp: 20812

Ion Ratio Lower Upper

128 100

127 16.5 10.6 16.0#

129 12.6 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

