

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051251.D
 Acq On : 16 Sep 2018 3:46
 Operator : MD\SY
 Sample : J4929-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-091418-B

Quant Time: Sep 17 05:36:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	410825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	651266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	516064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	152877	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	227768	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
35) Dibromofluoromethane	7.59	113	246506	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
50) Toluene-d8	10.09	98	829844	44.69	ug/l	0.00
Spiked Amount			Recovery	=	89.38%	
62) 4-Bromofluorobenzene	12.40	95	210339	34.24	ug/l	0.00
Spiked Amount			Recovery	=	68.48%	

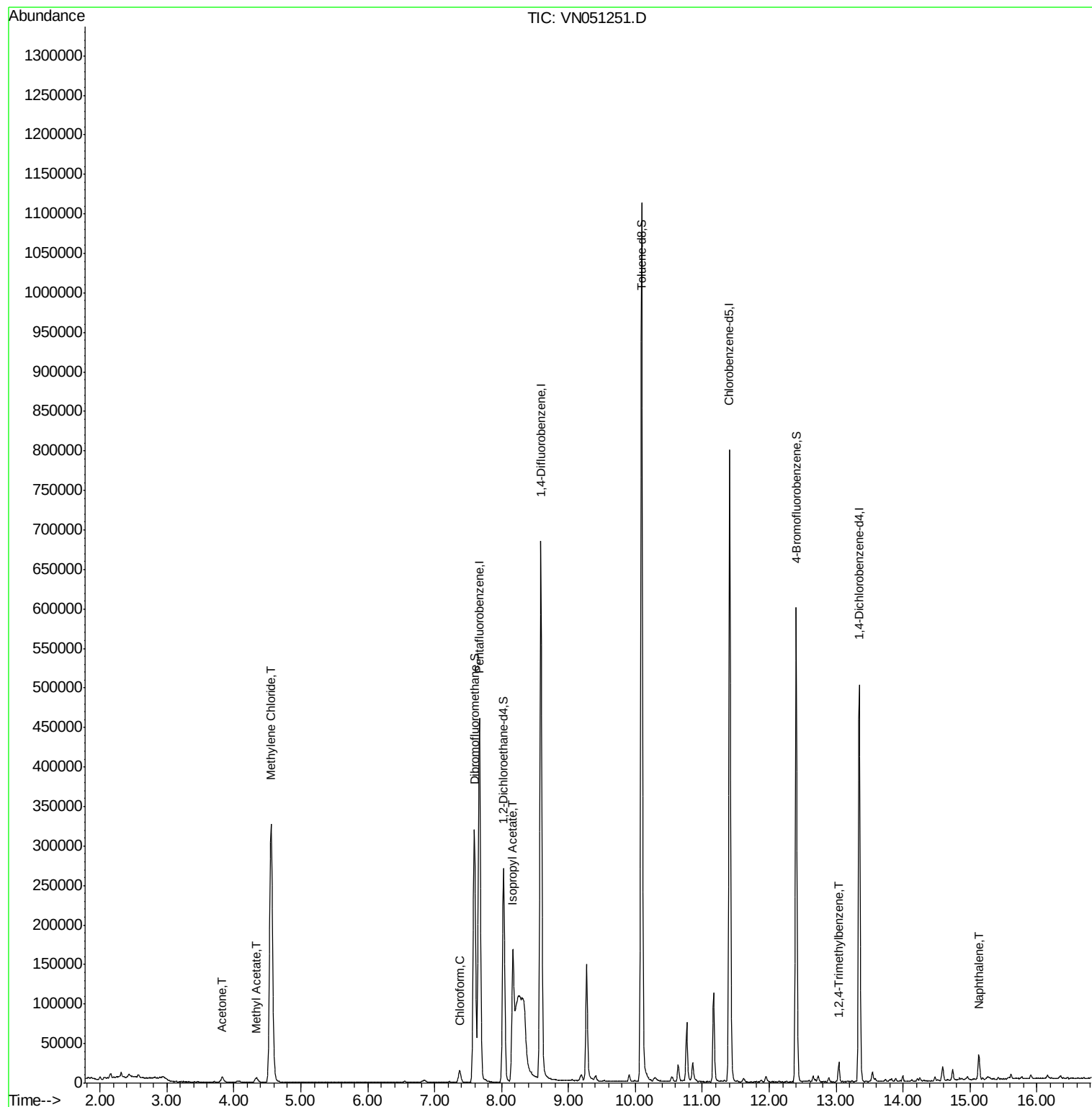
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	11417	4.36	ug/l	99
18) Methyl Acetate	4.34	43	12236	3.34	ug/l	93
20) Methylene Chloride	4.56	84	266802	52.83	ug/l	99
30) Chloroform	7.37	83	17279	2.07	ug/l	96
43) Isopropyl Acetate	8.17	43	209570	28.68	ug/l #	80
84) 1,2,4-Trimethylbenzene	13.04	105	14210	1.39	ug/l	99
95) Naphthalene	15.13	128	28589	9.78	ug/l	97

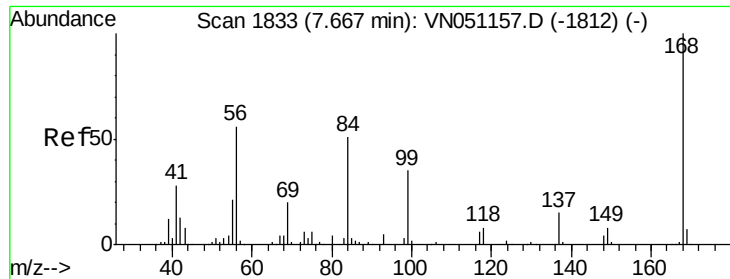
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051251.D

Acq: 16 Sep 2018 3:46

Instrument :

MSVOA_N

ClientSampleId :

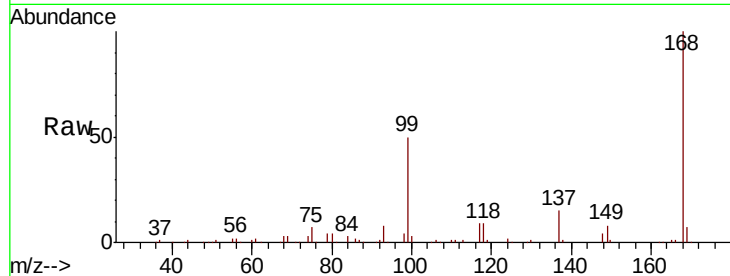
OR-03-091418-B

Tot Ion:168 Resp: 410825

Ion Ratio Lower Upper

168 100

99 49.8 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

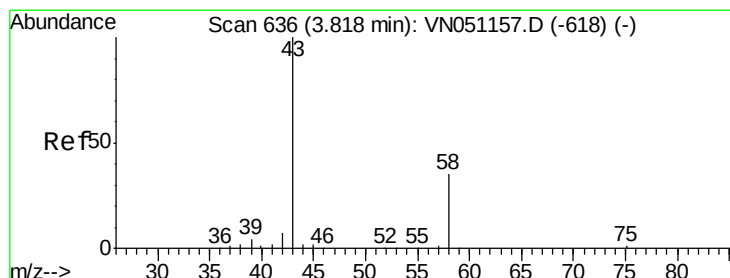
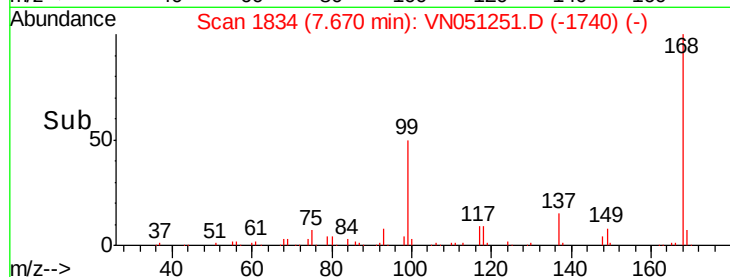
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.36 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051251.D

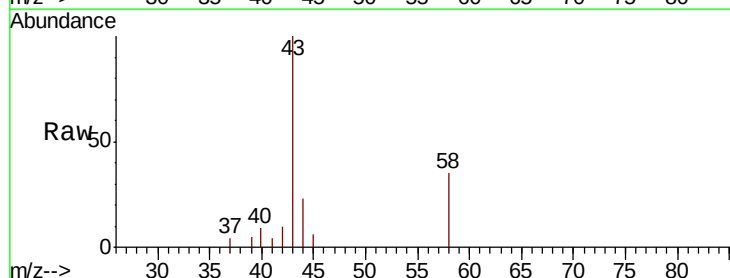
Acq: 16 Sep 2018 3:46

Tgt Ion: 43 Resp: 11417

Ion Ratio Lower Upper

43 100

58 35.2 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

4000

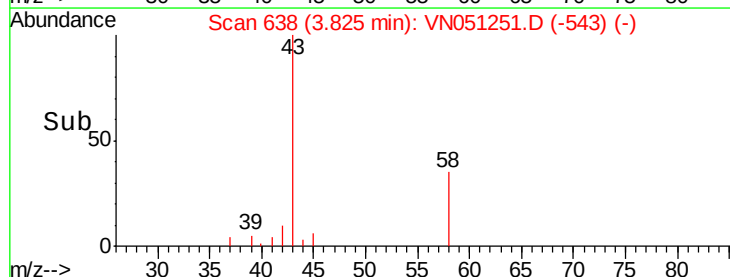
3000

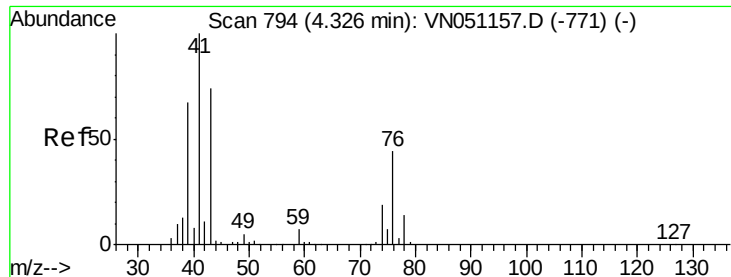
2000

1000

0

Time-->

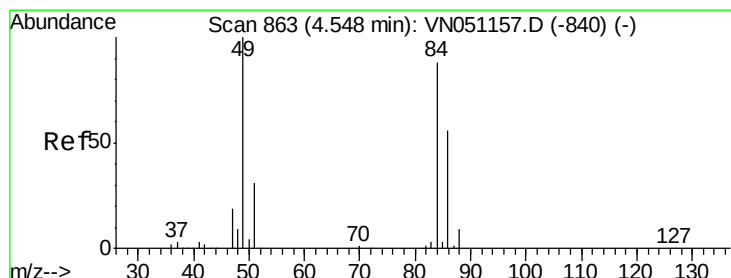
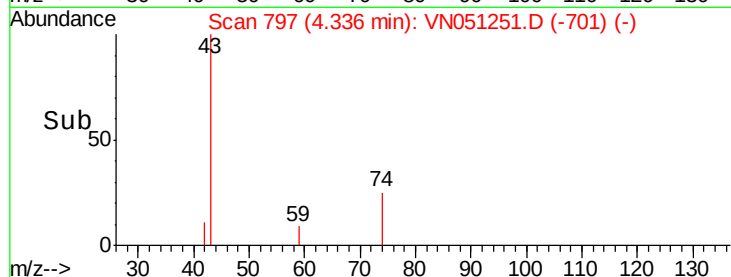
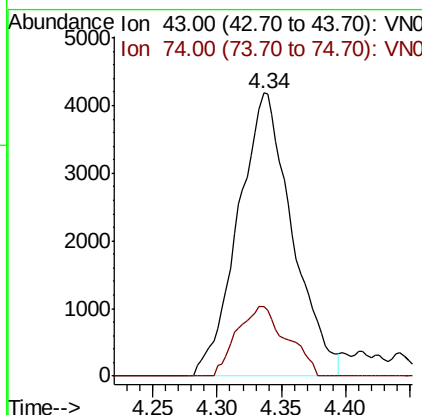
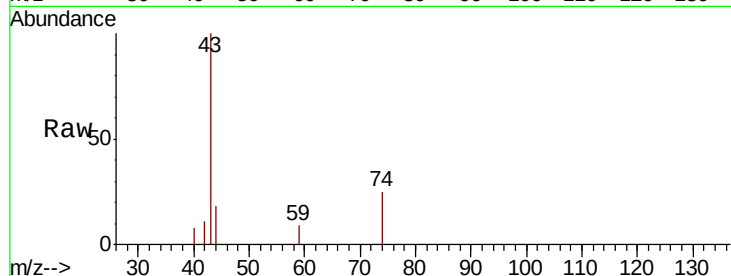




#18
Methyl Acetate
Concen: 3.34 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051251.D
Acq: 16 Sep 2018 3:46

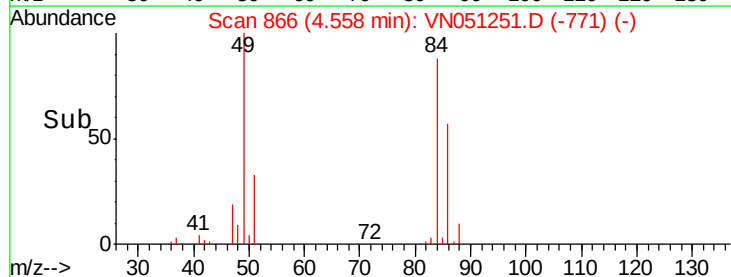
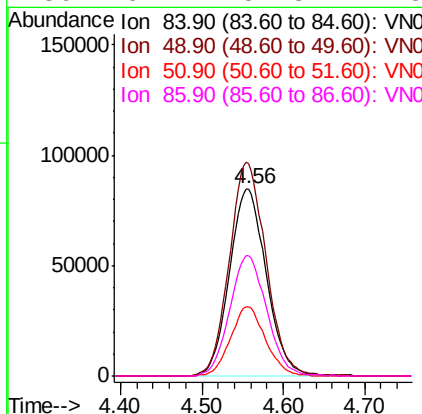
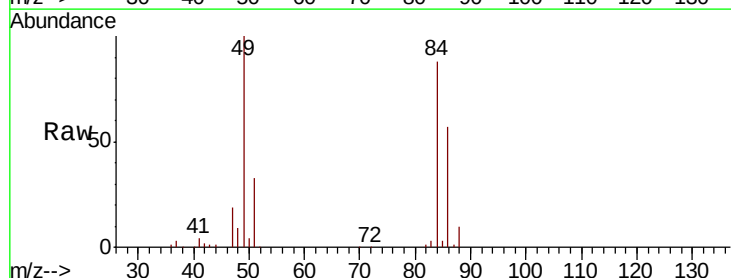
Instrument :
MSVOA_N
ClientSampleId :
OR-03-091418-B

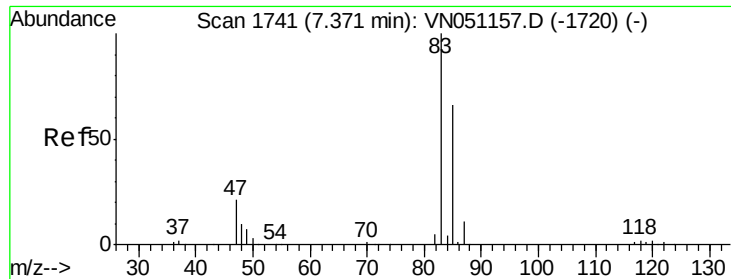
Tot Ion: 43 Resp: 12236
Ion Ratio Lower Upper
43 100
74 22.6 20.7 31.1



#20
Methylene Chloride
Concen: 52.83 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN051251.D
Acq: 16 Sep 2018 3:46

Tgt Ion: 84 Resp: 266802
Ion Ratio Lower Upper
84 100
49 113.3 90.2 135.2
51 37.1 28.4 42.6
86 64.2 51.8 77.8

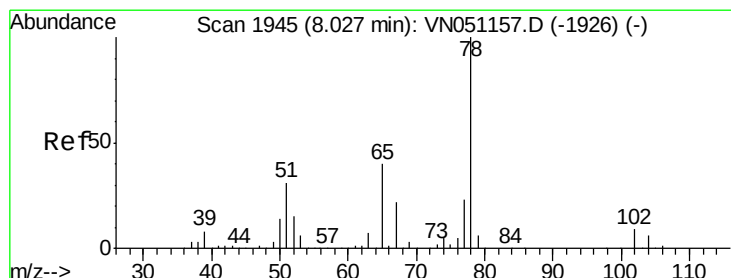
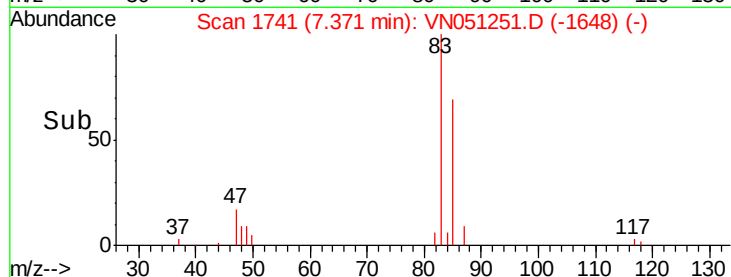
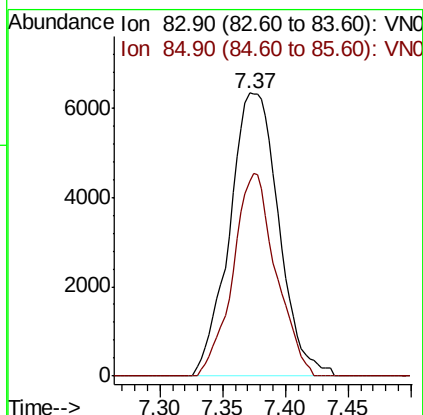
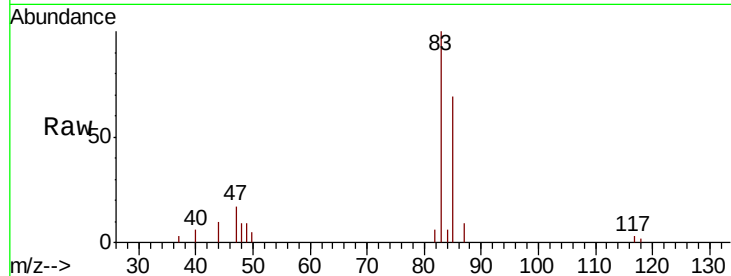




#30
Chloroform
Concen: 2.07 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051251.D
Acq: 16 Sep 2018 3:46

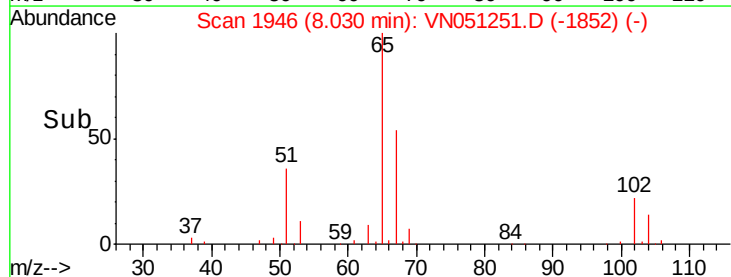
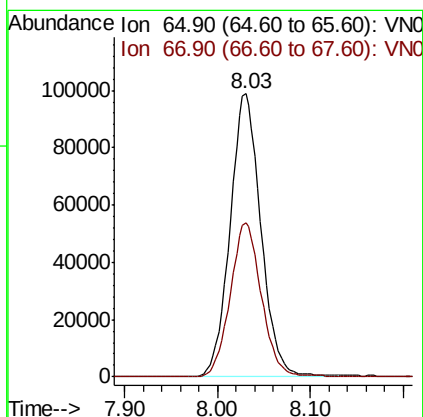
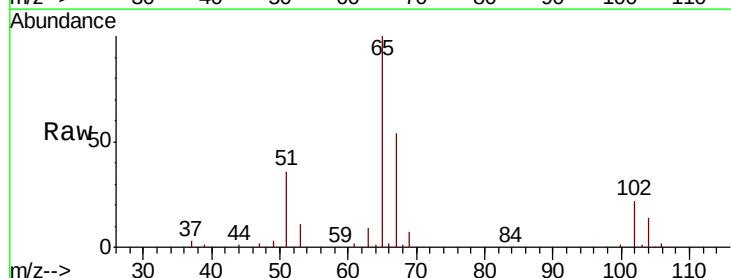
Instrument :
MSVOA_N
ClientSampleId :
OR-03-091418-B

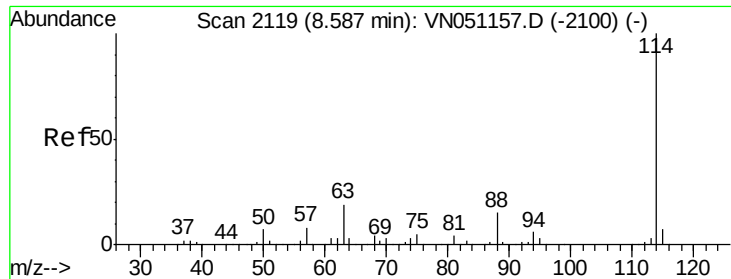
Tot Ion: 83 Resp: 17279
Ion Ratio Lower Upper
83 100
85 68.8 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 49.82 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051251.D
Acq: 16 Sep 2018 3:46

Tgt Ion: 65 Resp: 227768
Ion Ratio Lower Upper
65 100
67 54.8 0.0 112.0

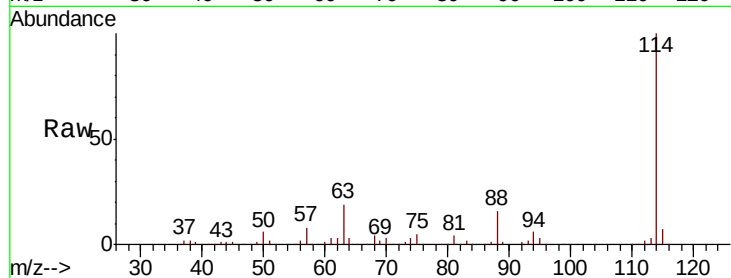




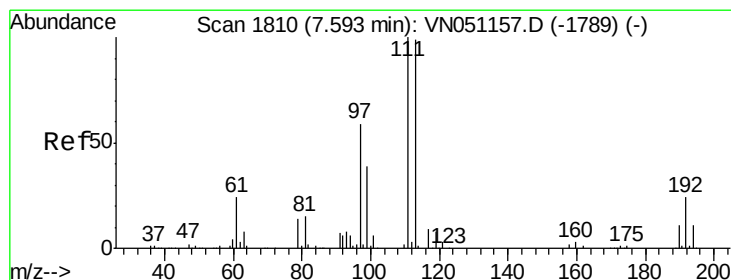
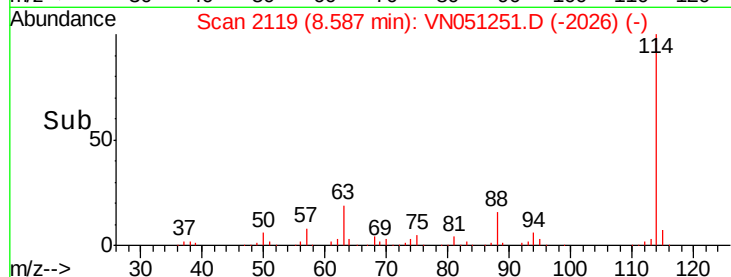
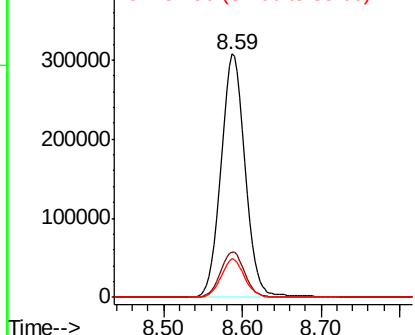
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051251.D
 Acq: 16 Sep 2018 3:46

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-091418-B

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	37.8
88	15.7	0.0	30.8

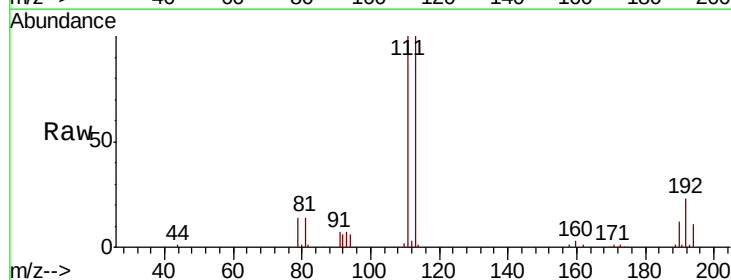


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

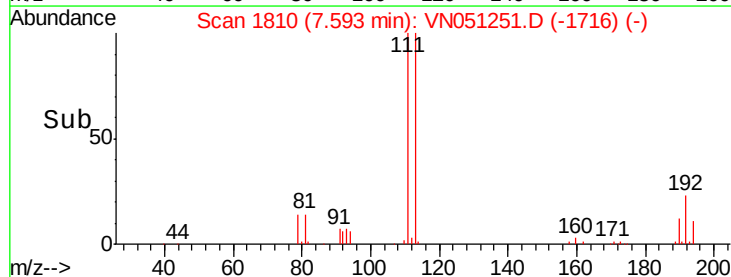
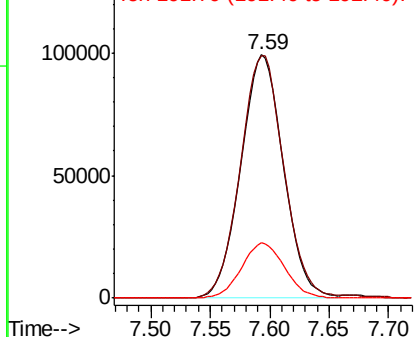


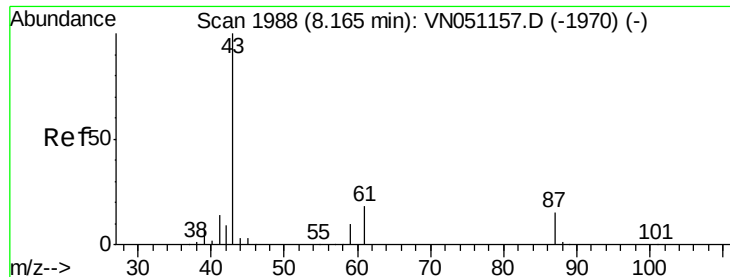
#35
 Dibromofluoromethane
 Concen: 50.37 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051251.D
 Acq: 16 Sep 2018 3:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.0	124.6
192	23.1	18.7	28.1



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





#43

Isopropyl Acetate

Concen: 28.68 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN051251.D

Acq: 16 Sep 2018 3:46

Instrument :

MSVOA_N

ClientSampleId :

OR-03-091418-B

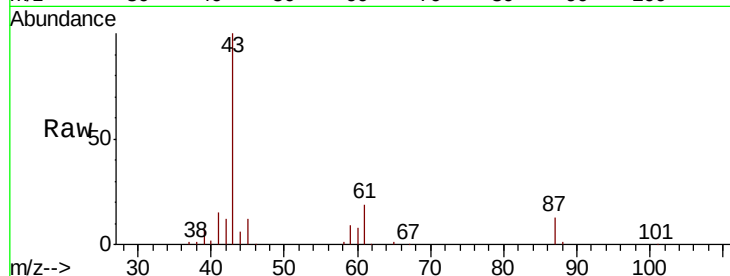
Tot Ion: 43 Resp: 209570

Ion Ratio Lower Upper

43 100

61 16.9 25.0 37.6#

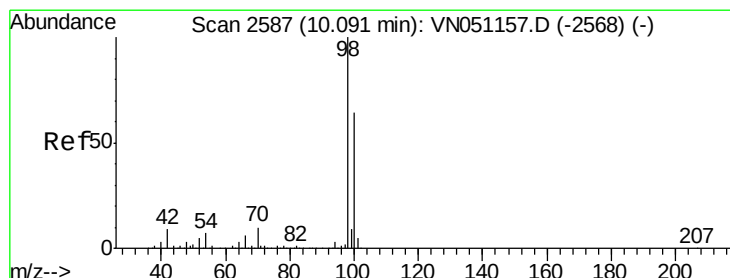
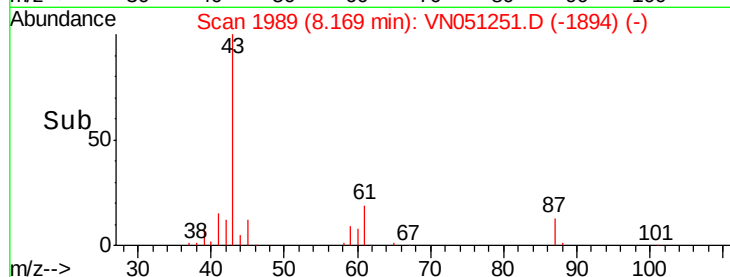
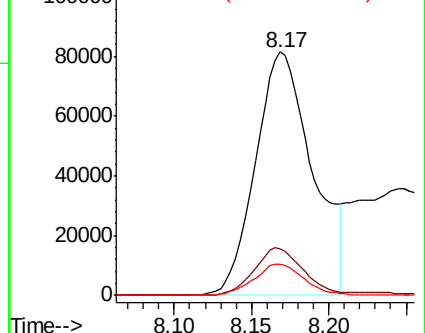
87 11.2 11.8 17.8#



Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN051157.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN051157.D (-1970) (-)



#50

Toluene-d8

Concen: 44.69 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051251.D

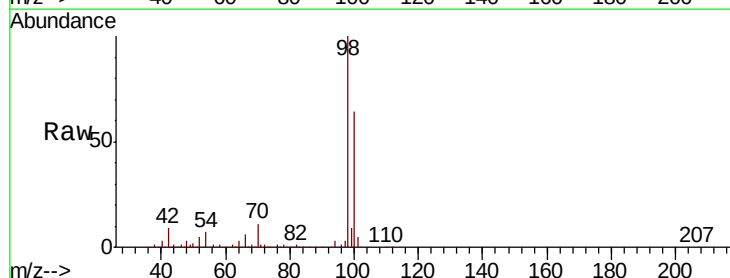
Acq: 16 Sep 2018 3:46

Tgt Ion: 98 Resp: 829844

Ion Ratio Lower Upper

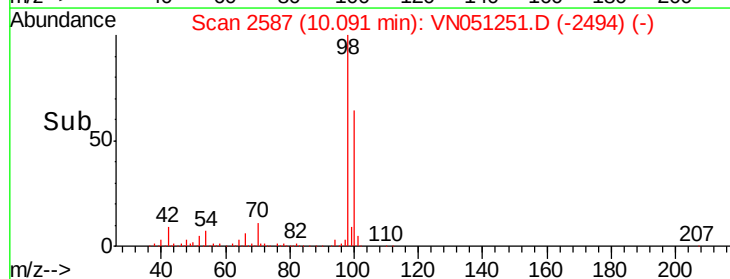
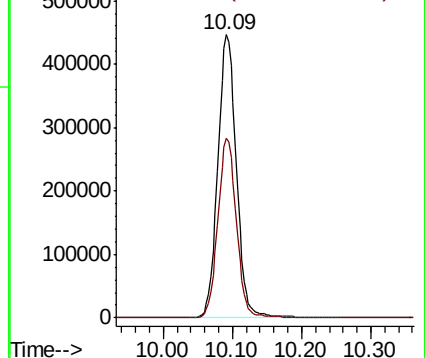
98 100

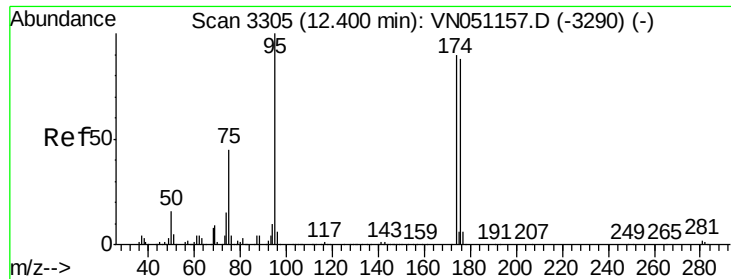
100 63.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051157.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN051157.D (-2568) (-)

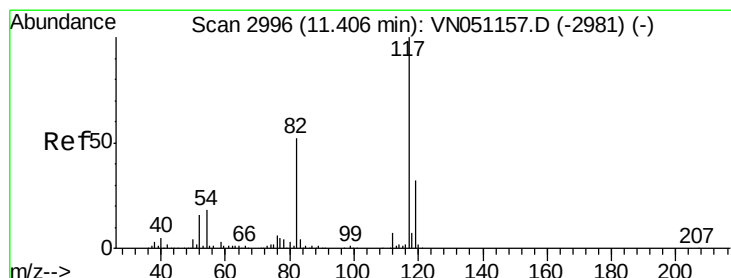
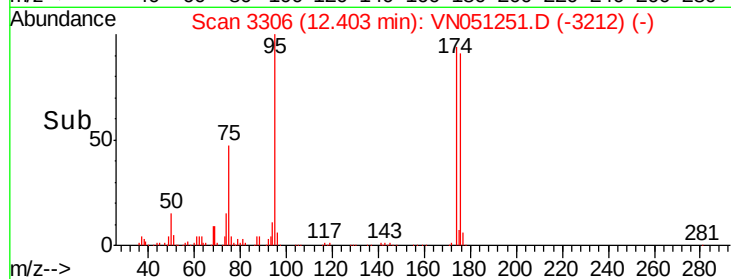
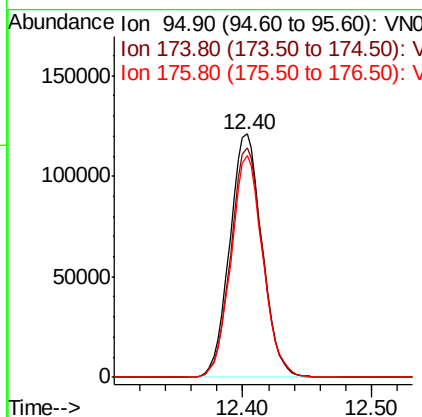
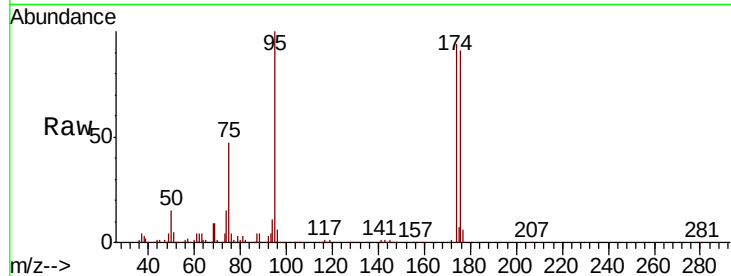




#62
4-Bromofluorobenzene
Concen: 34.24 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051251.D
Acq: 16 Sep 2018 3:46

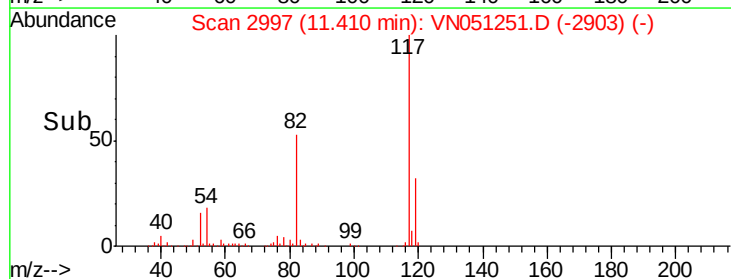
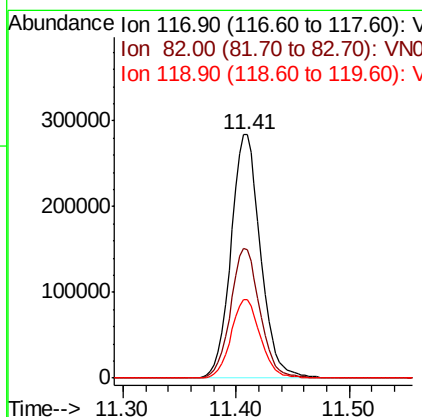
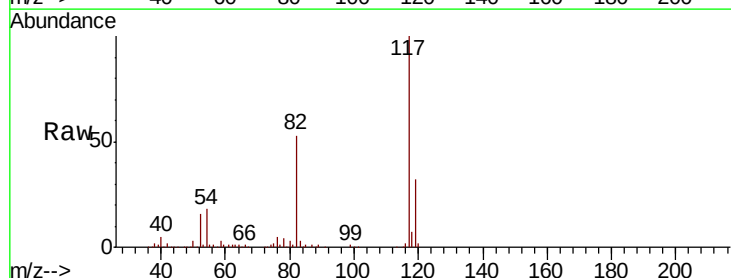
Instrument :
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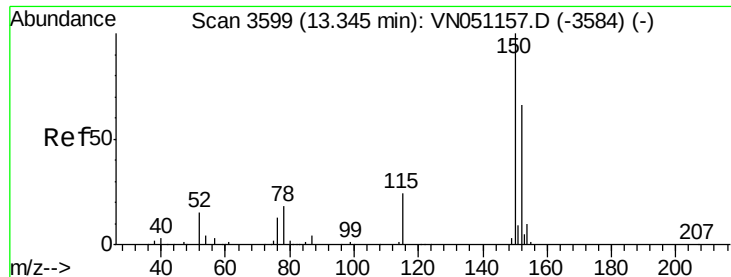
Tot Ion: 95 Resp: 210339
Ion Ratio Lower Upper
95 100
174 93.9 0.0 184.8
176 89.6 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051251.D
Acq: 16 Sep 2018 3:46

Tgt Ion: 117 Resp: 516064
Ion Ratio Lower Upper
117 100
82 52.6 41.8 62.6
119 32.2 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051251.D

Acq: 16 Sep 2018 3:46

Instrument :

MSVOA_N

ClientSampled :

OR-03-091418-B

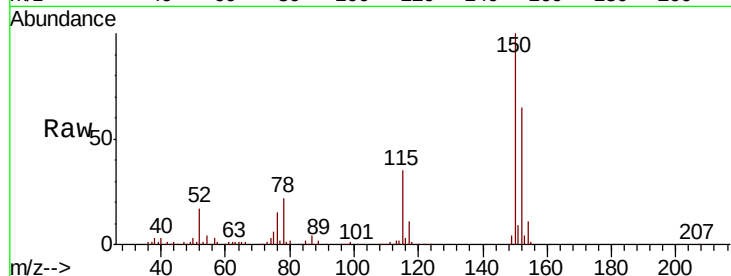
Tot Ion:152 Resp: 152877

Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.7

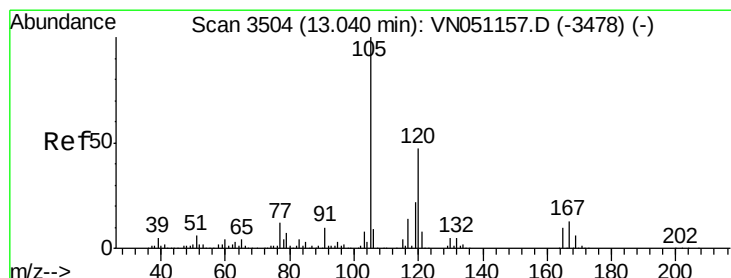
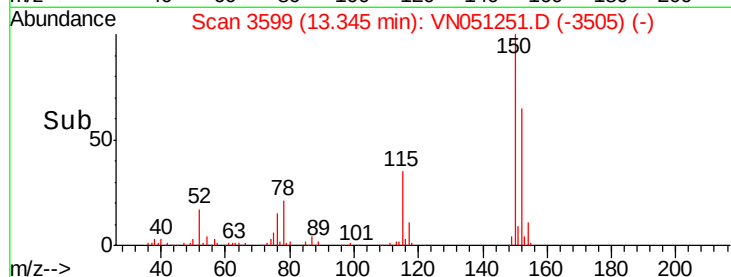
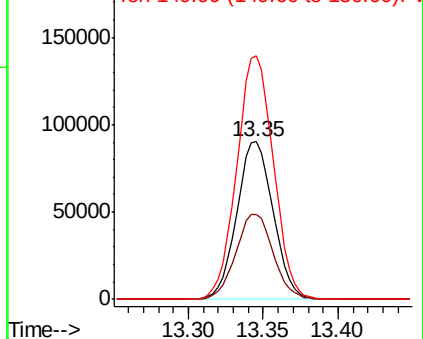
150 155.5 0.0 349.0



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: 1.39 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051251.D

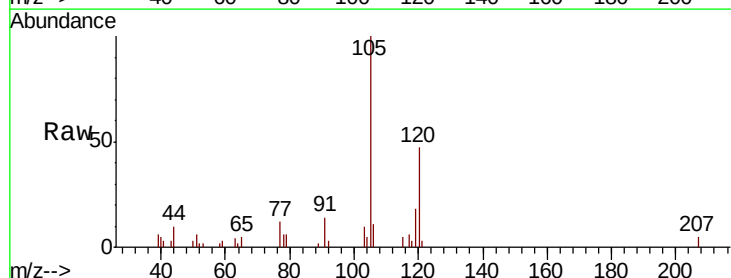
Acq: 16 Sep 2018 3:46

Tgt Ion:105 Resp: 14210

Ion Ratio Lower Upper

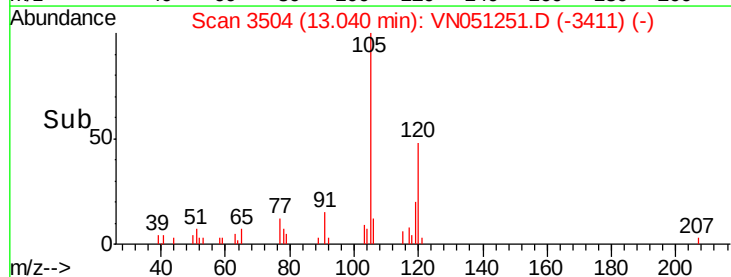
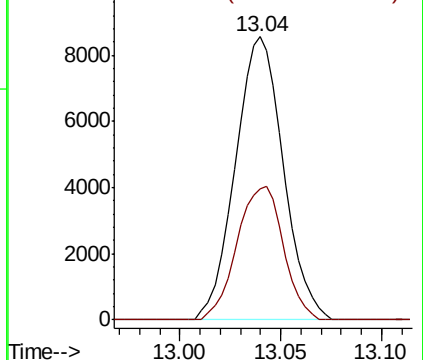
105 100

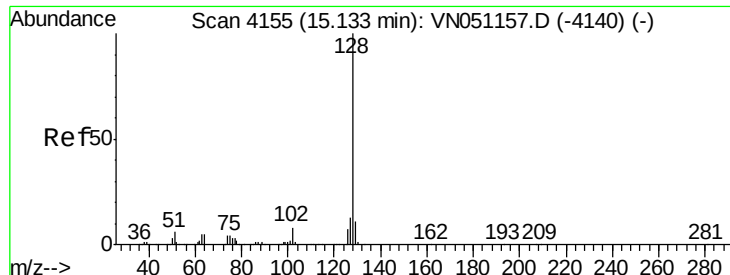
120 45.6 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 9.78 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051251.D

Acq: 16 Sep 2018 3:46

Instrument :

MSVOA_N

ClientSampleId :

OR-03-091418-B

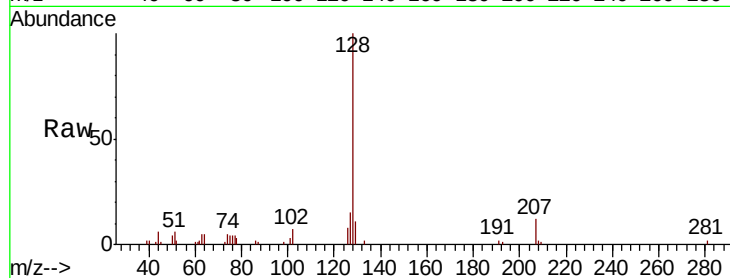
Tot Ion:128 Resp: 28589

Ion Ratio Lower Upper

128 100

127 14.5 10.6 15.8

129 11.4 8.6 12.8



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

