

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049374.D
 Acq On : 19 Jun 2018 5:24
 Operator : MD\SY
 Sample : J3566-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7

Quant Time: Jun 19 08:29:45 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	1211529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1964295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1628243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	545042	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	816560	50.82	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	101.64%	
35) Dibromofluoromethane	7.59	113	714630	44.97	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	89.94%	
50) Toluene-d8	10.09	98	2657246	43.91	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	87.82%	
62) 4-Bromofluorobenzene	12.40	95	729797	36.47	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	72.94%	

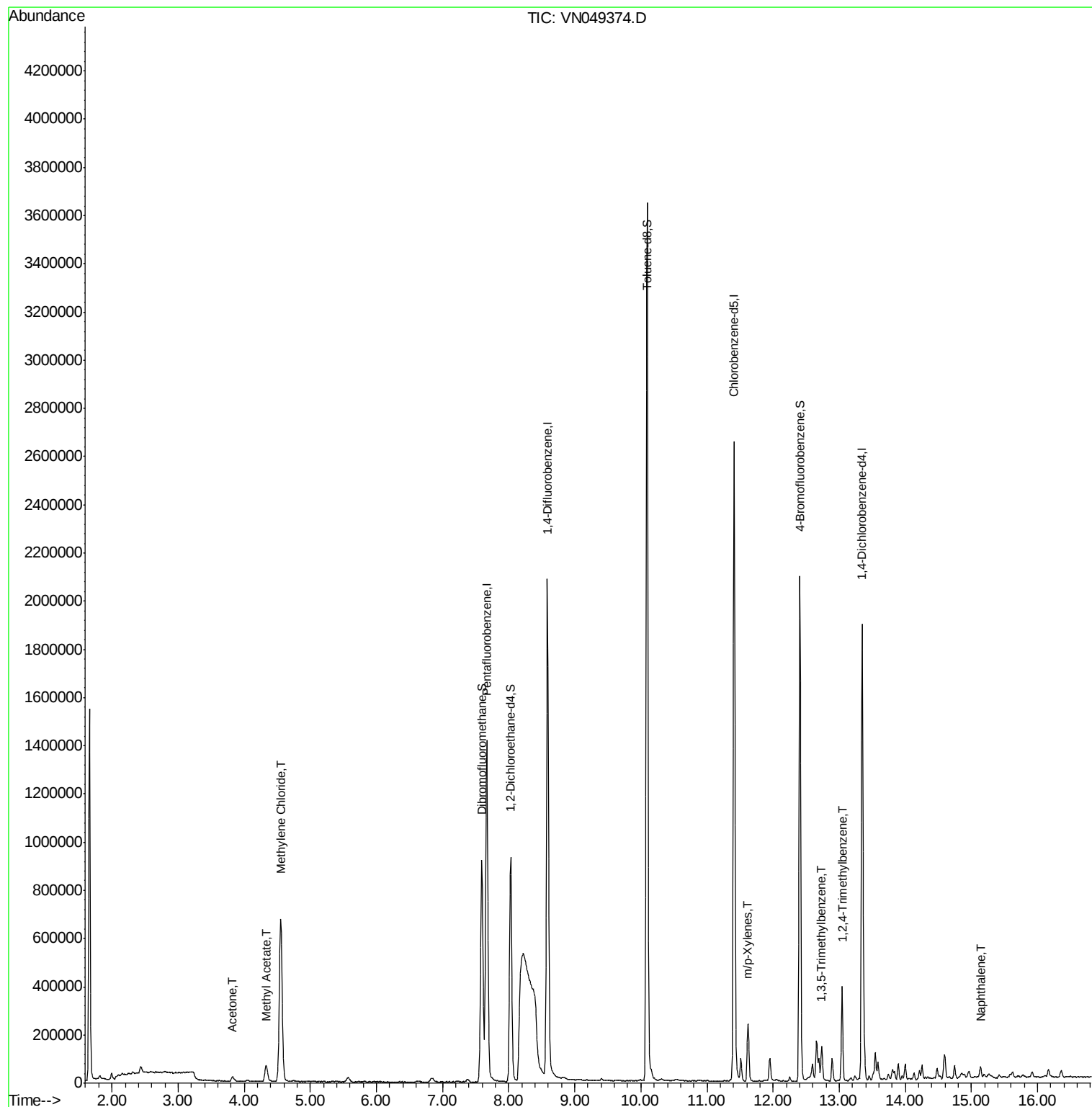
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	32026	8.208	ug/l	94
18) Methyl Acetate	4.33	43	135089	11.355	ug/l	98
20) Methylene Chloride	4.55	84	520848	31.963	ug/l	93
68) m/p-Xylenes	11.62	106	79293	3.037	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	71520	1.901	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	213199	5.706	ug/l	97
95) Naphthalene	15.14	128	40603	4.749	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: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049374.D

Acq: 19 Jun 2018 5:24

Instrument :

MSVOA_N

ClientSampled :

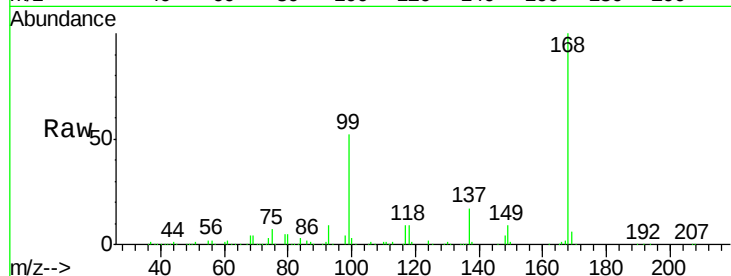
TP-7

Tot Ion:168 Resp: 1211529

Ion Ratio Lower Upper

168 100

99 52.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

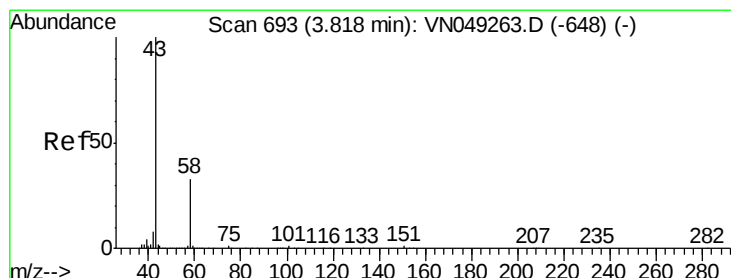
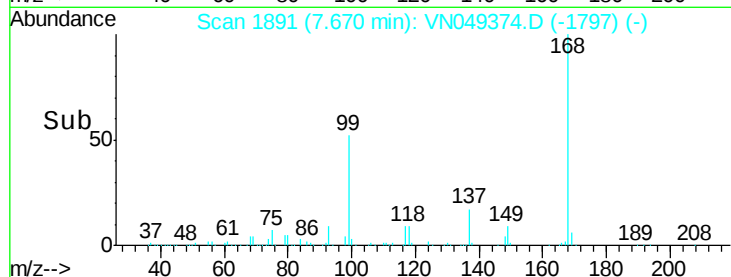
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 8.208 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049374.D

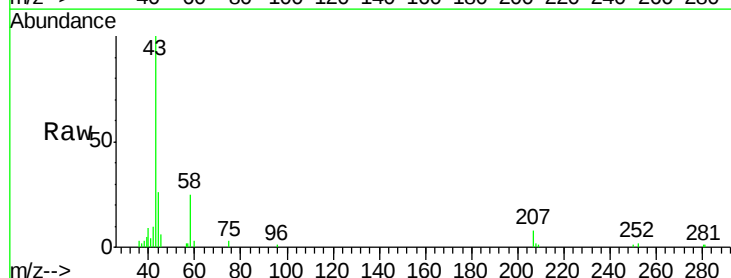
Acq: 19 Jun 2018 5:24

Tgt Ion: 43 Resp: 32026

Ion Ratio Lower Upper

43 100

58 24.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

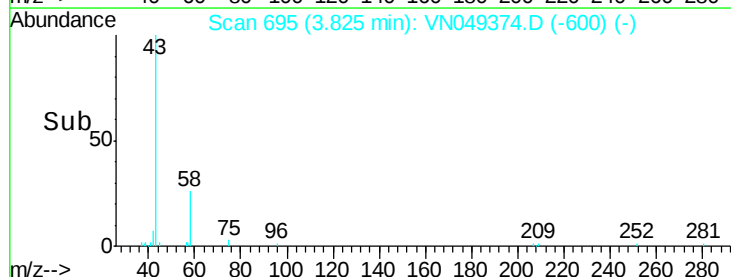
3.82

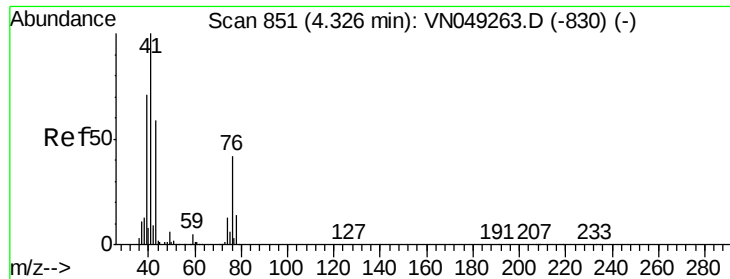
10000

5000

0

Time-->

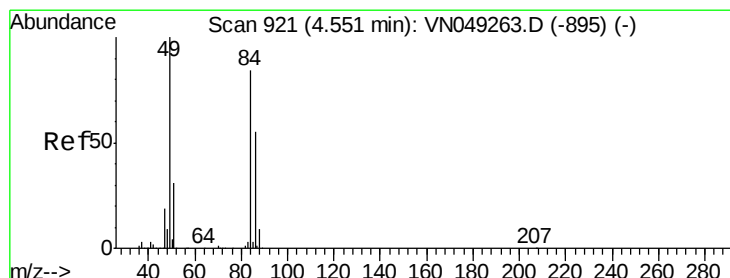
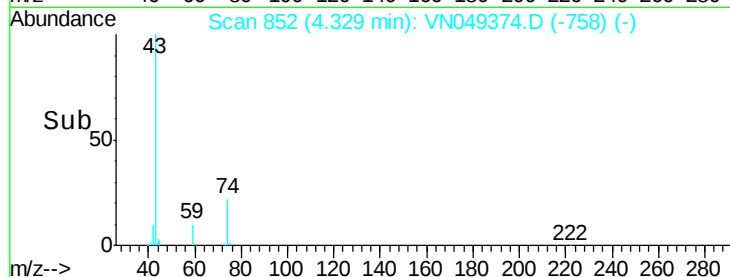
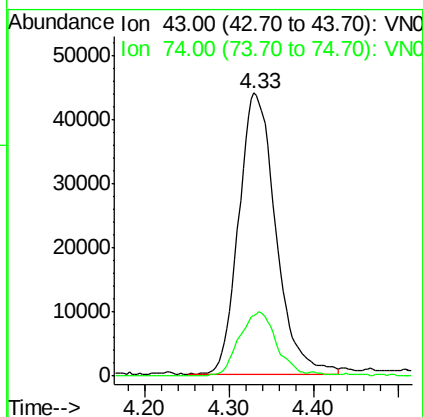
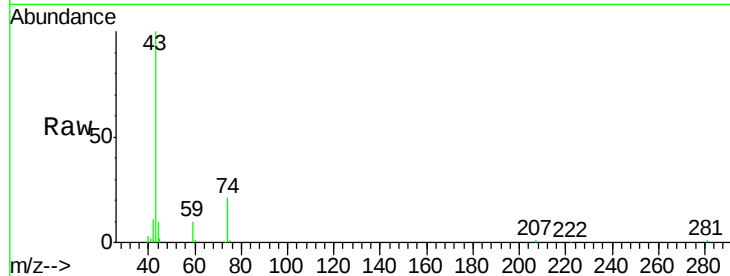




#18
Methvl Acetate
Concen: 11.355 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049374.D
Acq: 19 Jun 2018 5:24

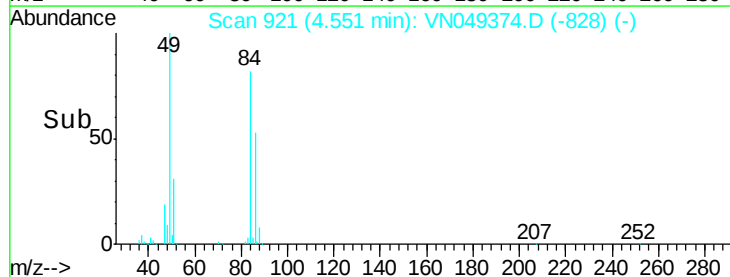
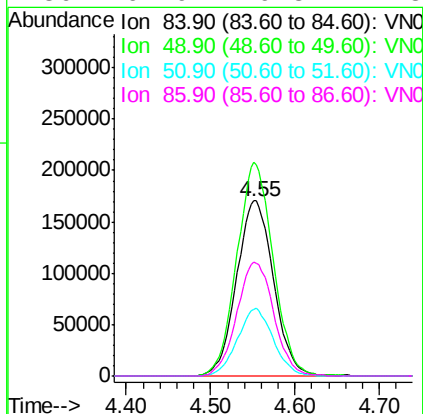
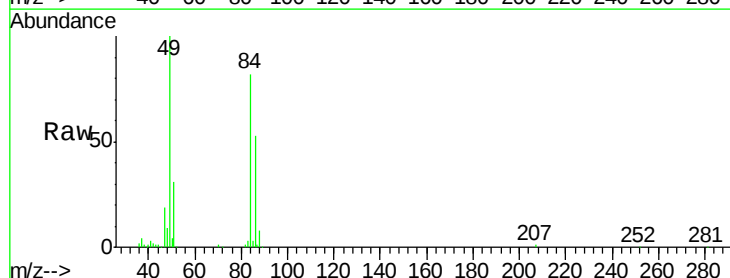
Instrument :
MSVOA_N
ClientSampleId :
TP-7

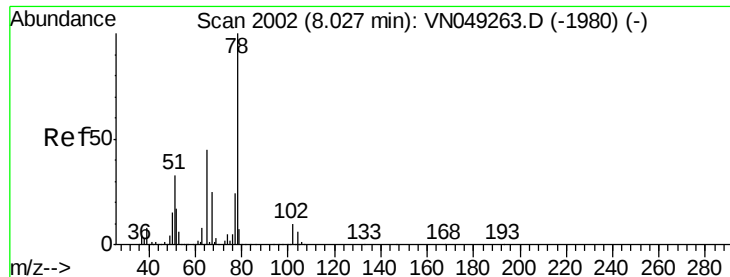
Tot Ion: 43 Resp: 135089
Ion Ratio Lower Upper
43 100
74 22.6 17.4 26.0



#20
Methylene Chloride
Concen: 31.963 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN049374.D
Acq: 19 Jun 2018 5:24

Tgt Ion: 84 Resp: 520848
Ion Ratio Lower Upper
84 100
49 122.1 106.9 160.3
51 38.4 32.7 49.1
86 64.9 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 50.816 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049374.D

Acq: 19 Jun 2018 5:24

Instrument :

MSVOA_N

ClientSampleId :

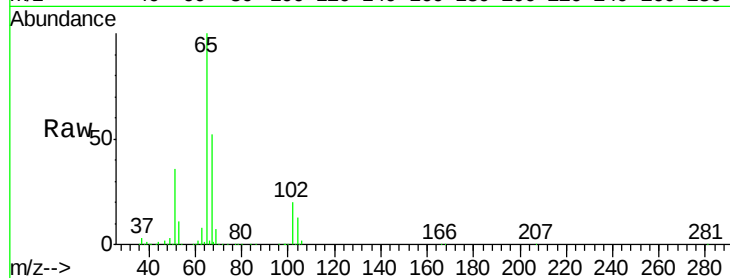
TP-7

Tot Ion: 65 Resp: 816560

Ion Ratio Lower Upper

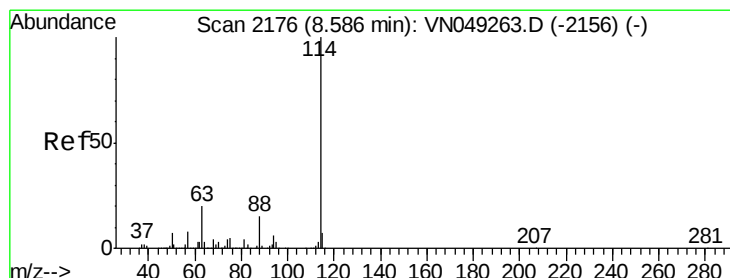
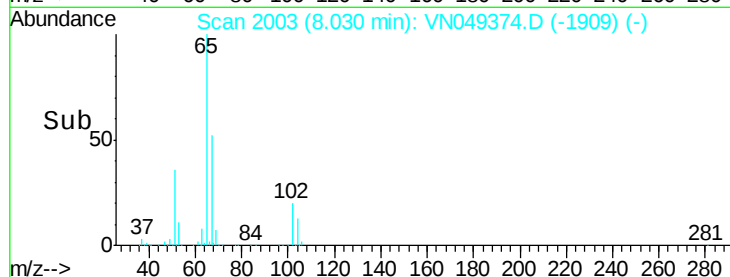
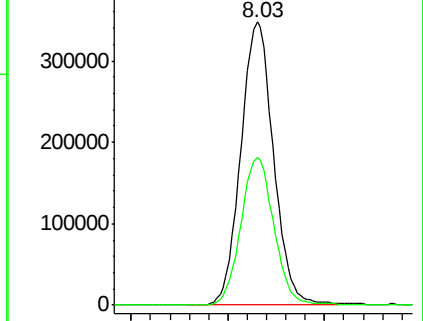
65 100

67 52.9 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049374.D (-1980) (-)

Ion 66.90 (66.60 to 67.60): VN049374.D (-1980) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049374.D

Acq: 19 Jun 2018 5:24

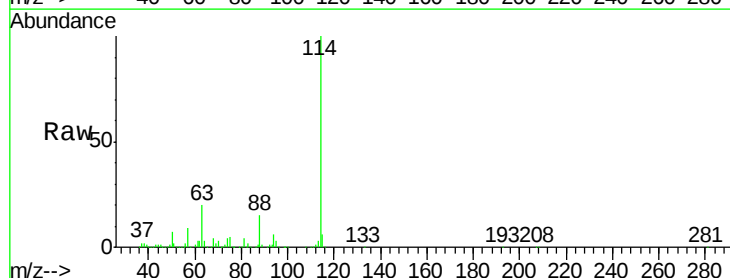
Tgt Ion: 114 Resp: 1964295

Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.4

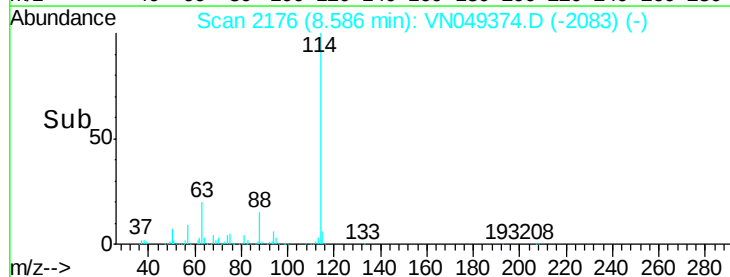
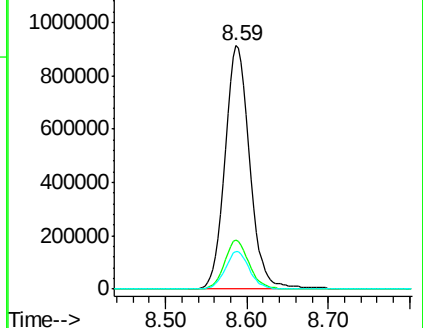
88 15.5 0.0 31.4

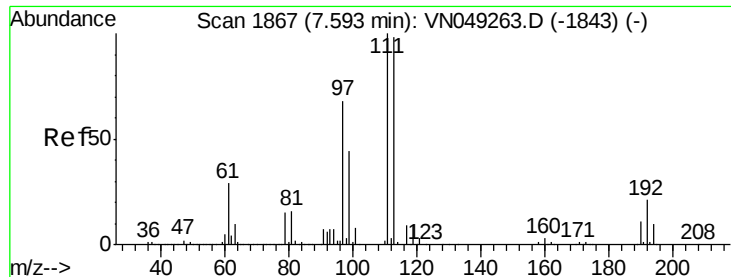


Abundance Ion 113.90 (113.60 to 114.60): VN049374.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049374.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049374.D (-2083) (-)

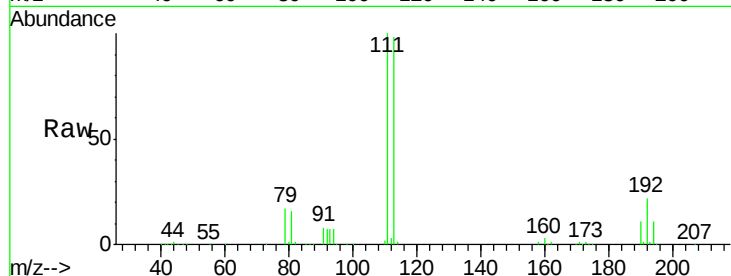




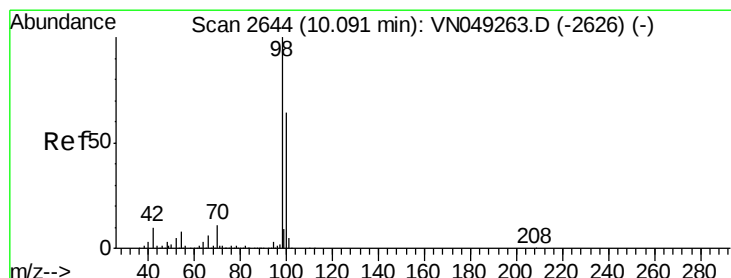
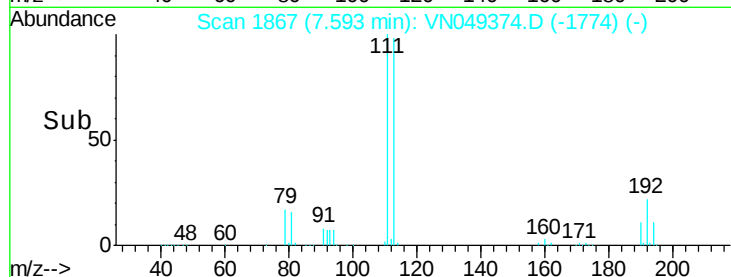
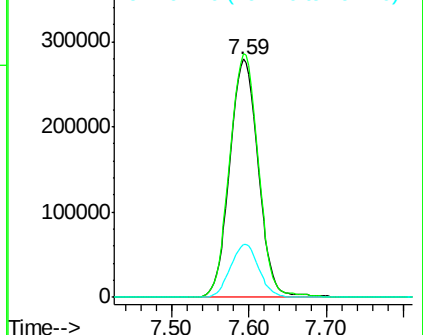
#35
 Dibromofluoromethane
 Concen: 44.968 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049374.D
 Acq: 19 Jun 2018 5:24

Instrument :
 MSVOA_N
 ClientSampled :
 TP-7

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	22.2	15.0	22.6

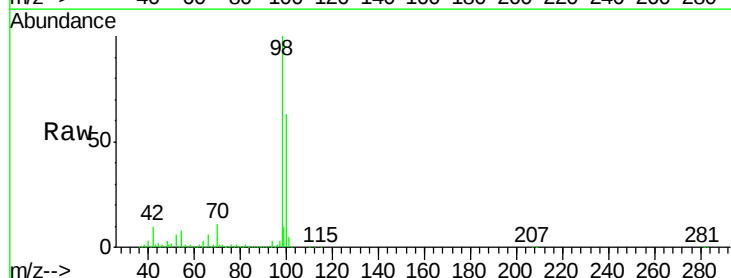


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

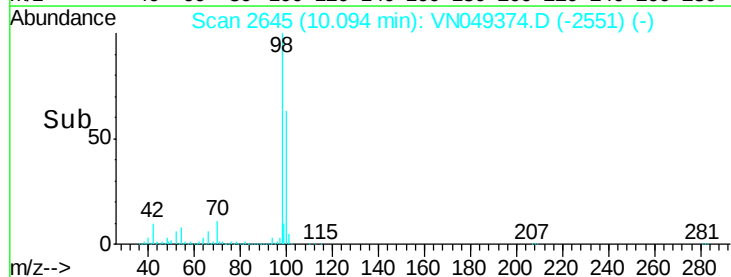
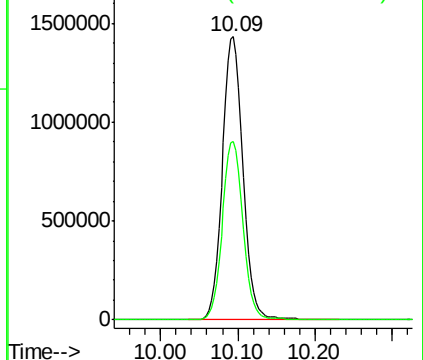


#50
 Toluene-d8
 Concen: 43.913 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049374.D
 Acq: 19 Jun 2018 5:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	49.8	74.8



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN

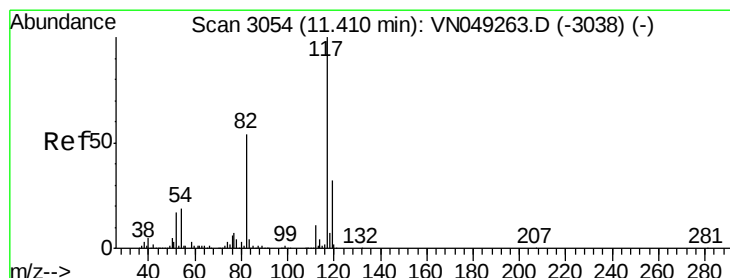
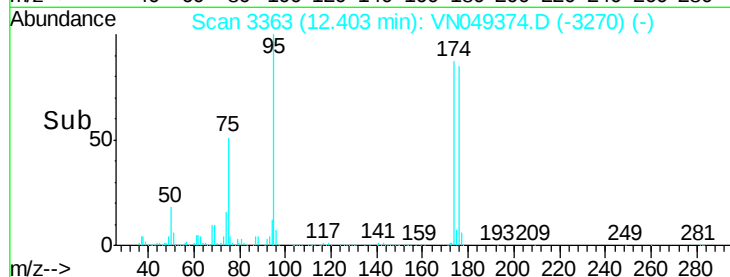
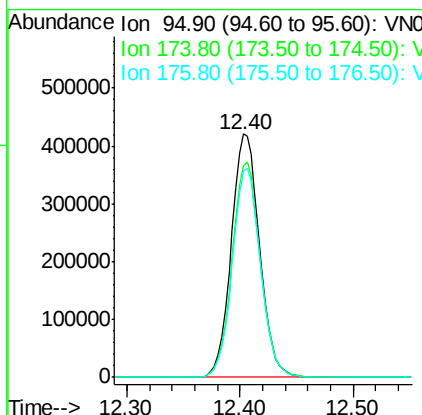
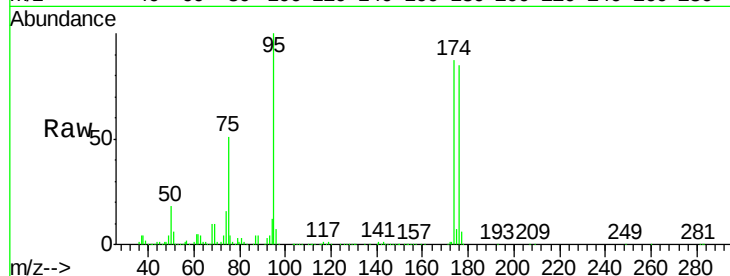




#62
4-Bromofluorobenzene
Concen: 36.475 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049374.D
Acq: 19 Jun 2018 5:24

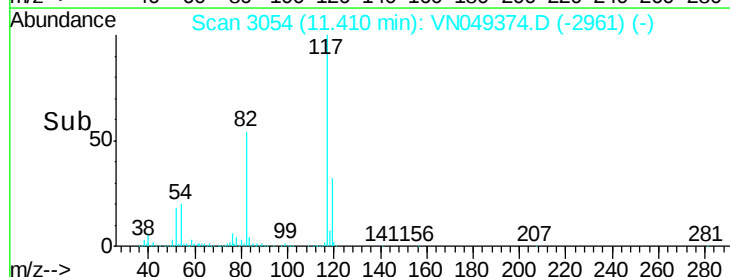
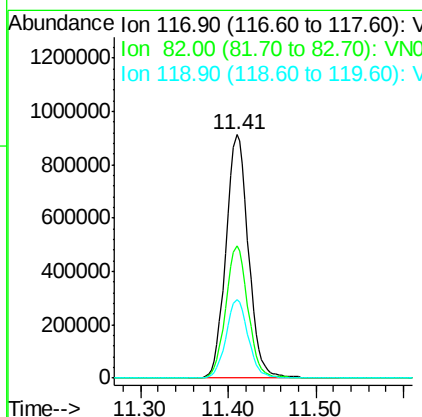
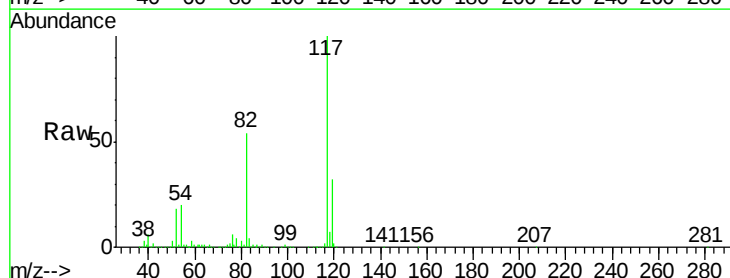
Instrument :
MSVOA_N
ClientSampled :
TP-7

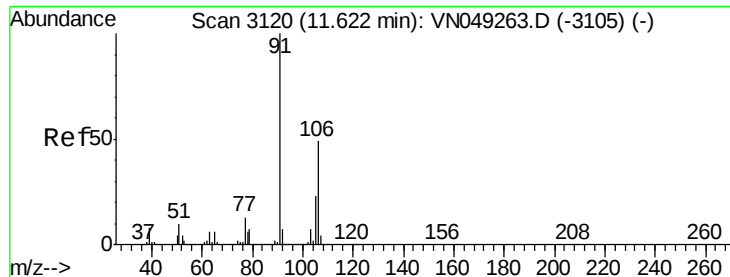
Tot Ion: 95 Resp: 729797
Ion Ratio Lower Upper
95 100
174 88.4 0.0 165.6
176 85.3 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049374.D
Acq: 19 Jun 2018 5:24

Tgt Ion: 117 Resp: 1628243
Ion Ratio Lower Upper
117 100
82 54.2 45.9 68.9
119 32.1 25.5 38.3

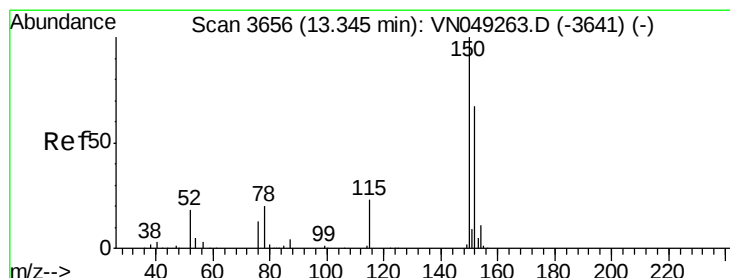
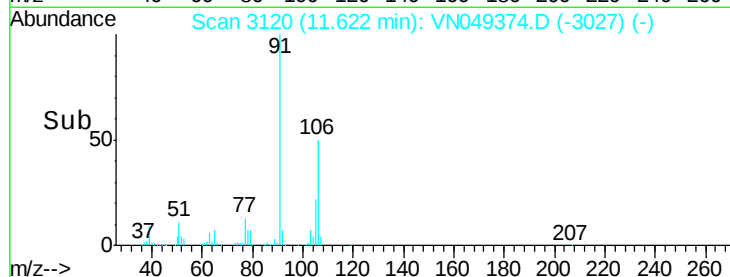
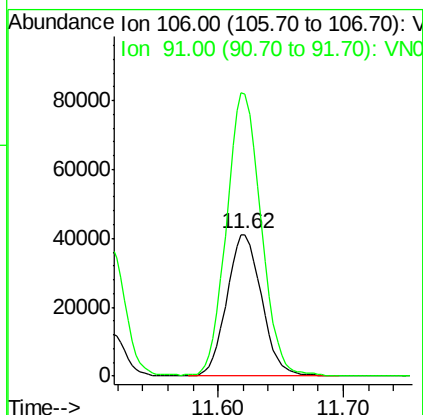
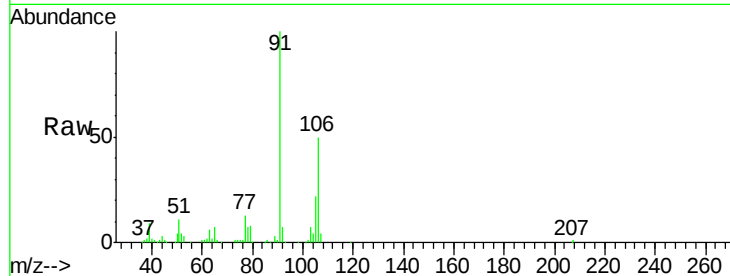




#68
m/p-Xvlenes
Concen: 3.037 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN049374.D
Acq: 19 Jun 2018 5:24

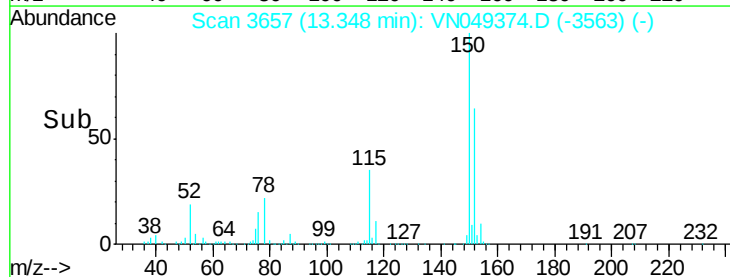
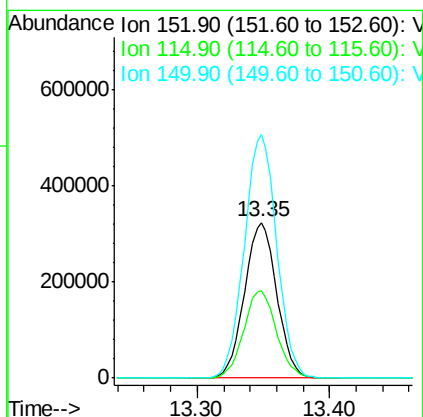
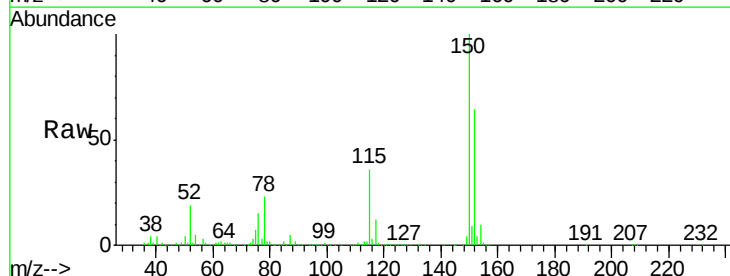
Instrument :
MSVOA_N
ClientSampled :
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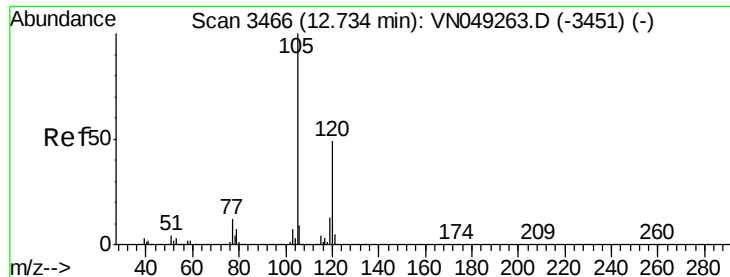
Tot Ion:106 Resp: 79293
Ion Ratio Lower Upper
106 100
91 198.5 167.3 250.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049374.D
Acq: 19 Jun 2018 5:24

Tgt Ion:152 Resp: 545042
Ion Ratio Lower Upper
152 100
115 57.2 28.7 86.1
150 157.5 0.0 351.0





#80

1,3,5-Trimethylbenzene

Concen: 1.901 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049374.D

Acq: 19 Jun 2018 5:24

Instrument :

MSVOA_N

ClientSampled :

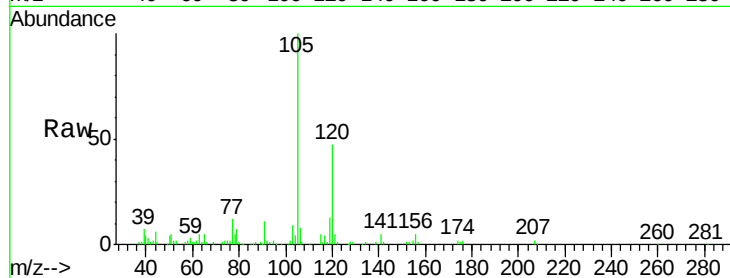
TP-7

Tot Ion:105 Resp: 71520

Ion Ratio Lower Upper

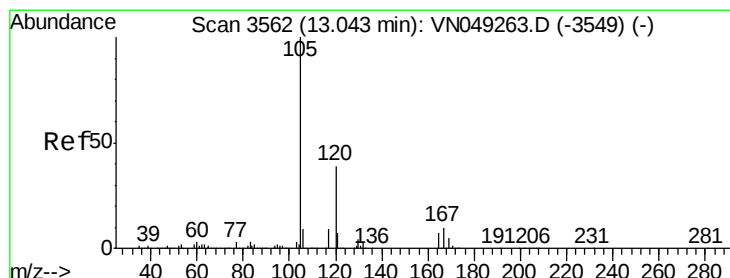
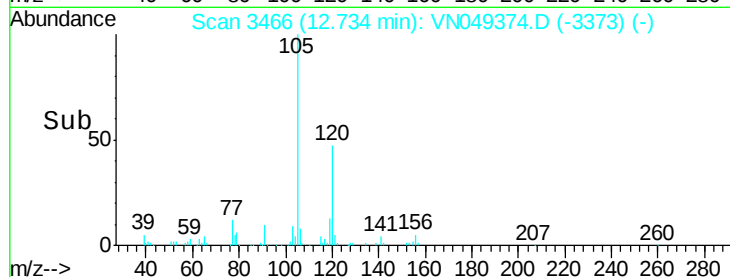
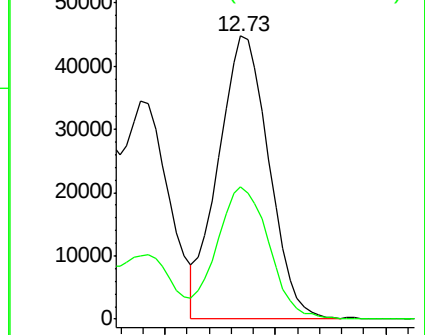
105 100

120 47.7 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: 5.706 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. -0.00 min

Lab File: VN049374.D

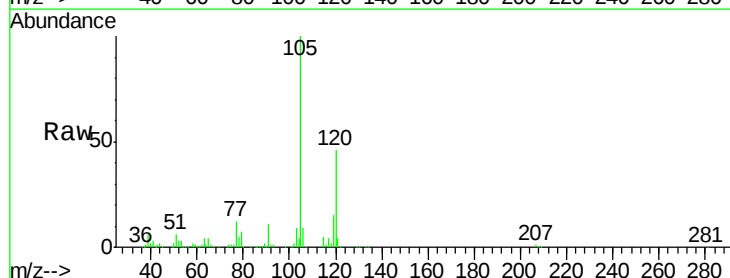
Acq: 19 Jun 2018 5:24

Tgt Ion:105 Resp: 213199

Ion Ratio Lower Upper

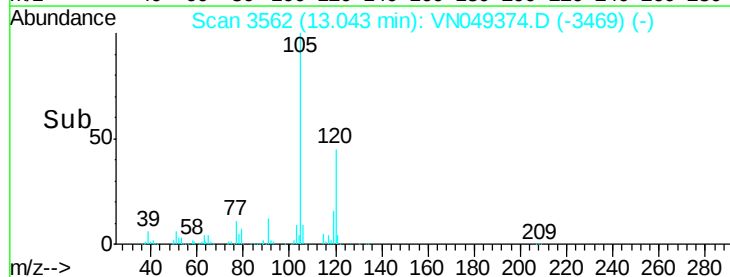
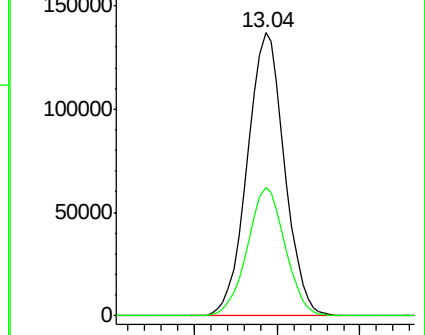
105 100

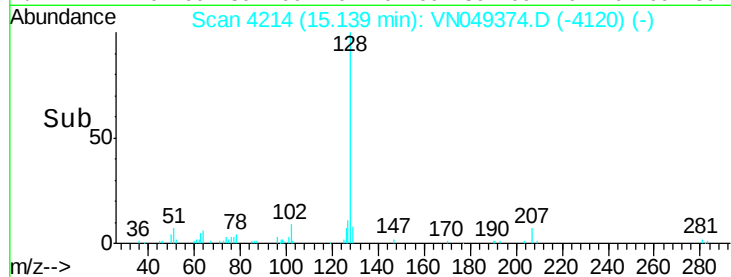
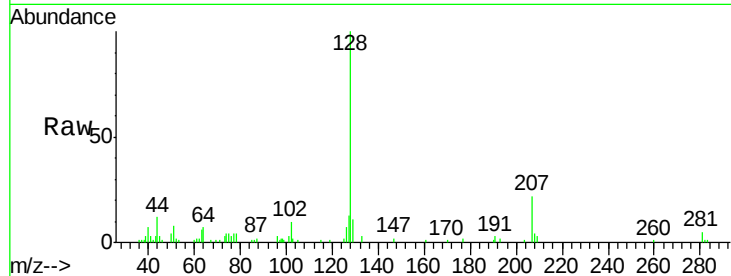
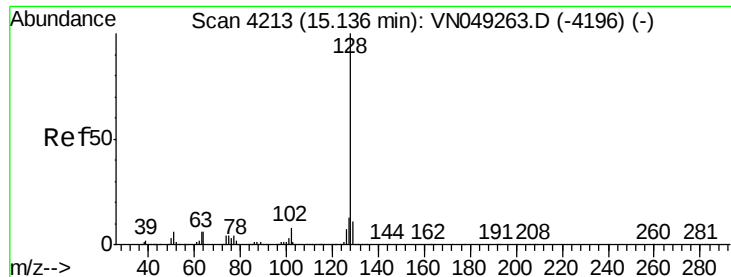
120 46.1 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 4.749 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049374.D

Acq: 19 Jun 2018 5:24

Instrument :

MSVOA_N

ClientSampleId :

TP-7

Tot Ion:128 Resp: 40603

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 11.2 8.5 12.7

