

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049946.D
 Acq On : 20 Jul 2018 4:58
 Operator : MD\SY
 Sample : J4030-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB6-12-7

Quant Time: Jul 20 05:38:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	566587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	955474	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	791336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	288754	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	408294	52.43	ug/l	0.00
Spiked Amount						
			Recovery	=	104.86%	
35) Dibromofluoromethane	7.59	113	358761	44.73	ug/l	0.00
Spiked Amount						
			Recovery	=	89.46%	
50) Toluene-d8	10.09	98	1273042	43.56	ug/l	0.00
Spiked Amount						
			Recovery	=	87.12%	
62) 4-Bromofluorobenzene	12.40	95	345639	34.34	ug/l	0.00
Spiked Amount						
			Recovery	=	68.68%	

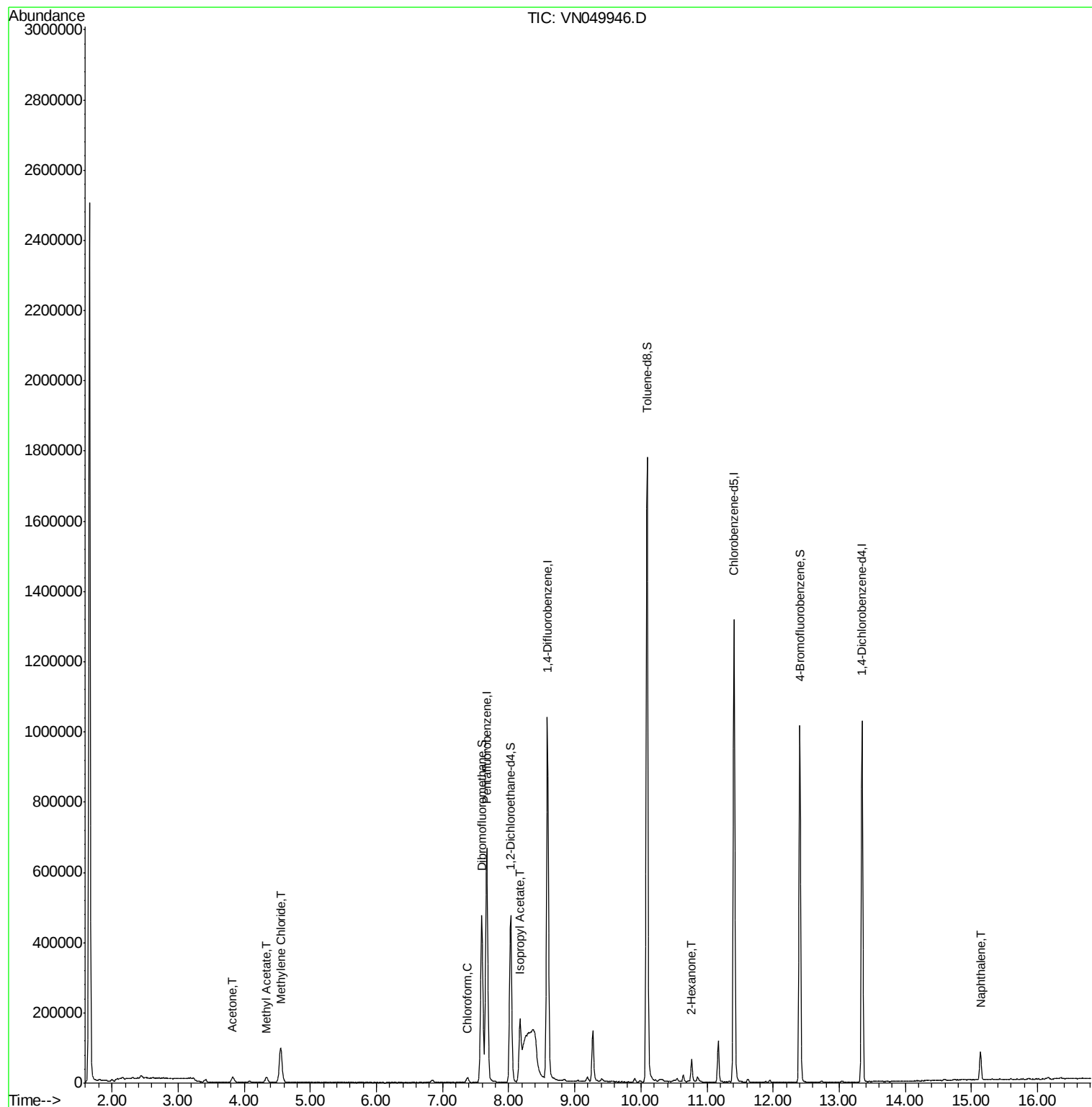
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	26026	12.91	ug/l	99
18) Methyl Acetate	4.33	43	28402	3.72	ug/l	98
20) Methylene Chloride	4.55	84	75796	9.89	ug/l	95
30) Chloroform	7.37	83	15102	1.16	ug/l	99
43) Isopropyl Acetate	8.17	43	206280	16.18	ug/l	95
59) 2-Hexanone	10.77	43	8980	1.88	ug/l #	57
95) Naphthalene	15.14	128	69934	9.15	ug/l	98

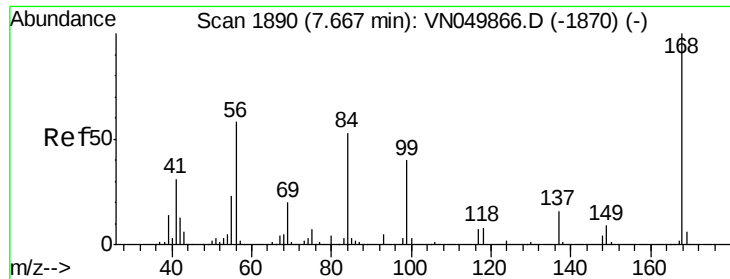
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049946.D

Acq: 20 Jul 2018 4:58

Instrument :

MSVOA_N

ClientSampleId :

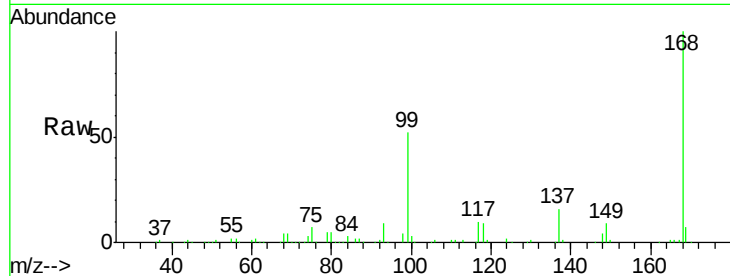
SB6-12-7

Tot Ion:168 Resp: 566587

Ion Ratio Lower Upper

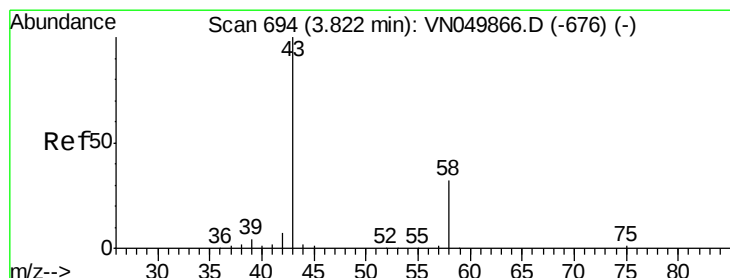
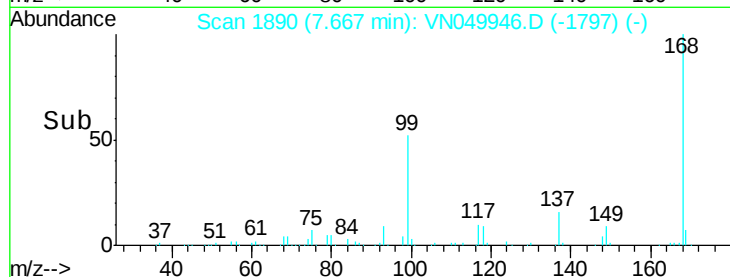
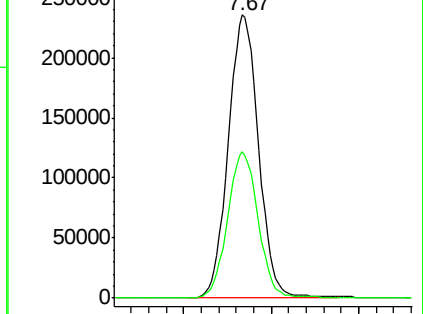
168 100

99 51.6 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 12.91 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049946.D

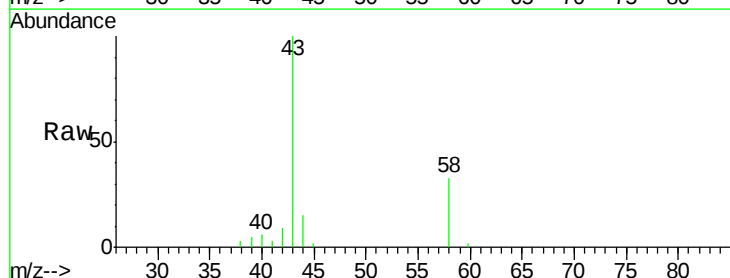
Acq: 20 Jul 2018 4:58

Tgt Ion: 43 Resp: 26026

Ion Ratio Lower Upper

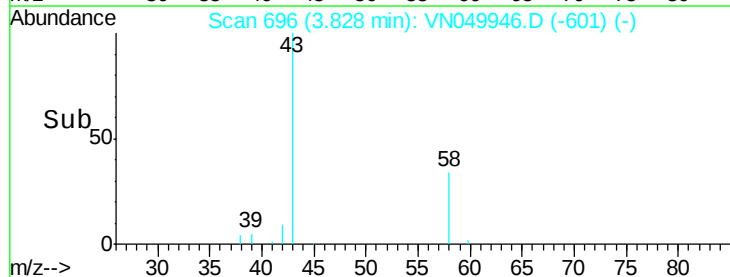
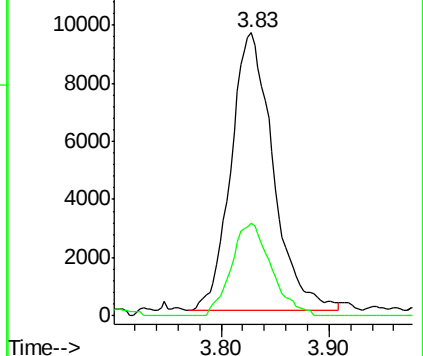
43 100

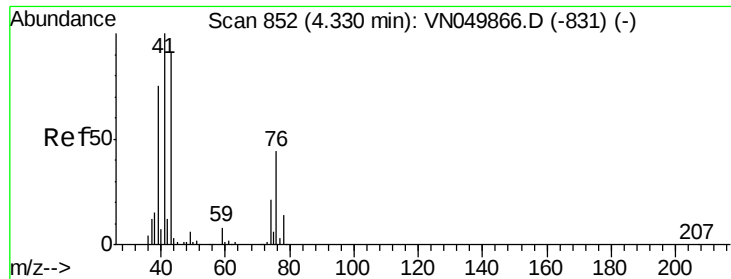
58 33.2 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

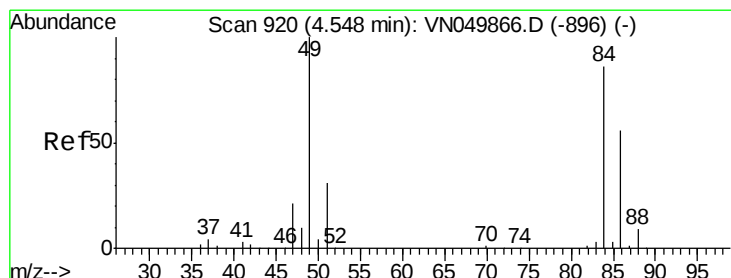
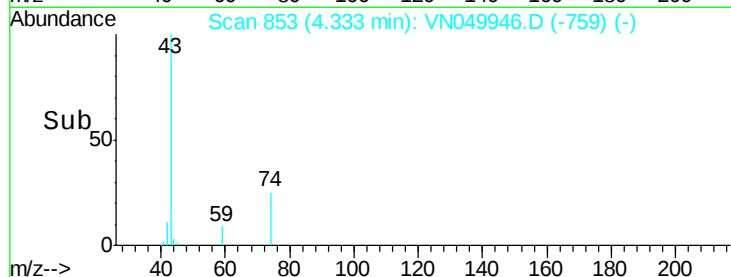
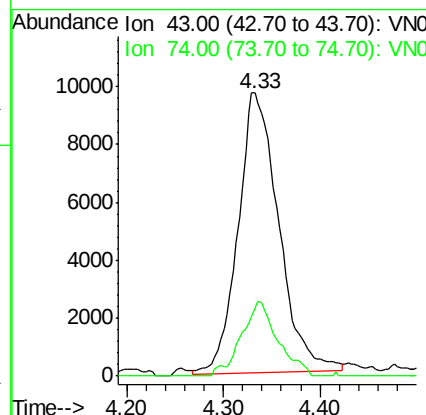
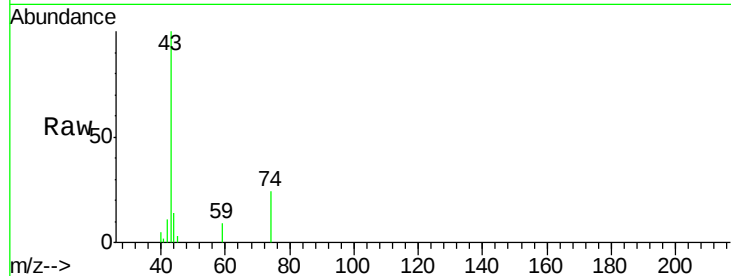




#18
Methvl Acetate
Concen: 3.72 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049946.D
Acq: 20 Jul 2018 4:58

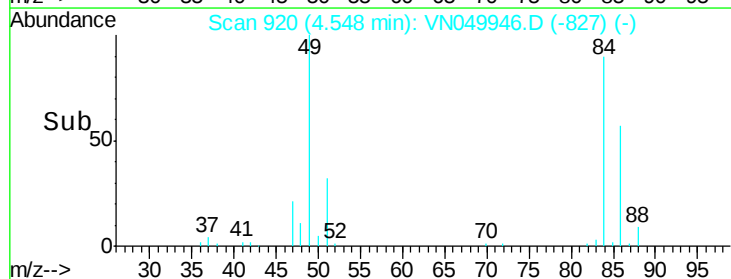
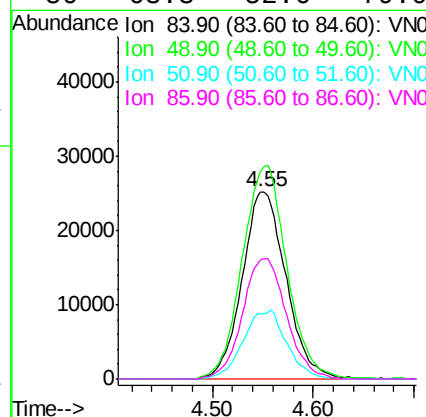
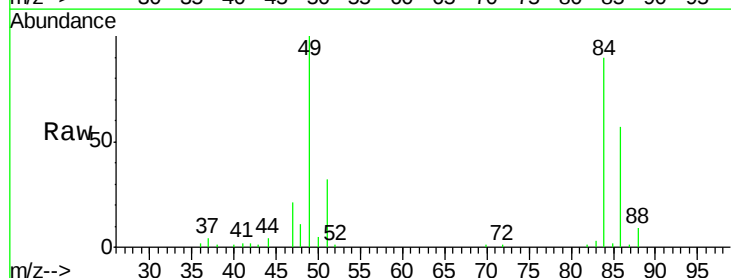
Instrument :
MSVOA_N
ClientSampled :
SB6-12-7

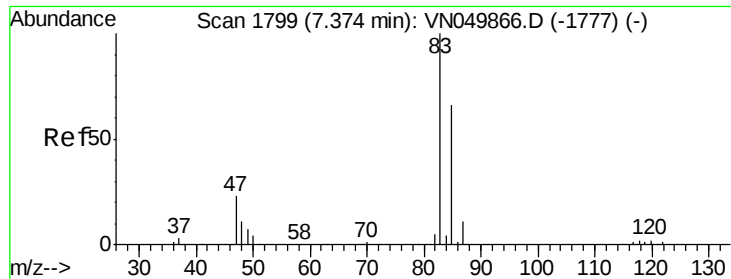
Tot Ion: 43 Resp: 28402
Ion Ratio Lower Upper
43 100
74 23.7 19.8 29.8



#20
Methylene Chloride
Concen: 9.89 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049946.D
Acq: 20 Jul 2018 4:58

Tgt Ion: 84 Resp: 75796
Ion Ratio Lower Upper
84 100
49 111.0 95.4 143.2
51 35.1 28.4 42.6
86 63.3 52.6 79.0

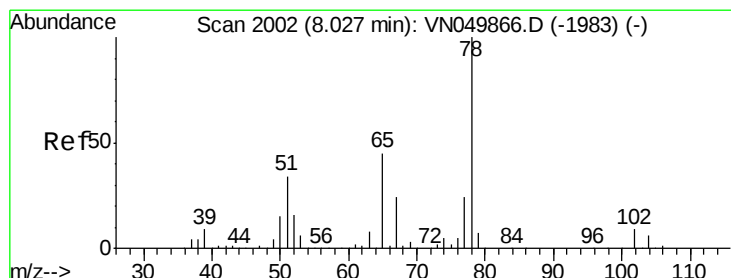
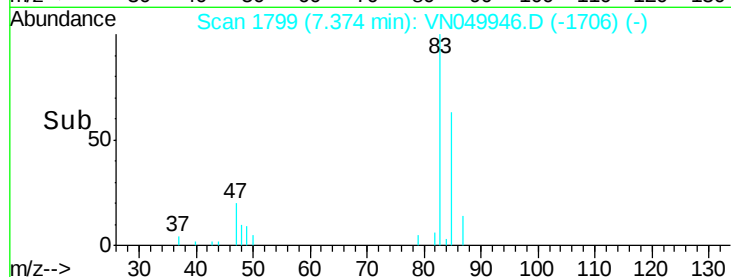
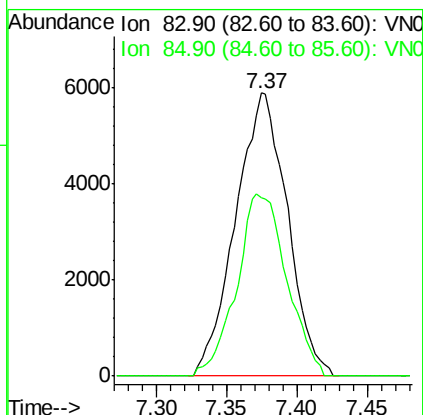
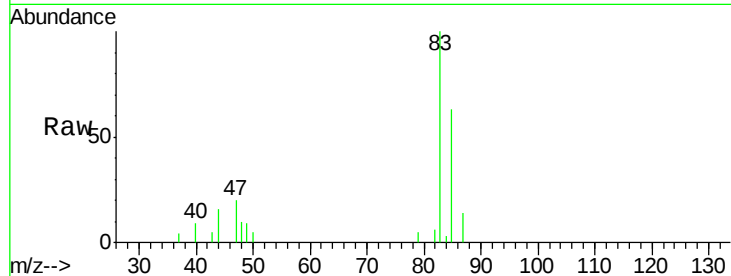




#30
Chloroform
Concen: 1.16 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN049946.D
Acq: 20 Jul 2018 4:58

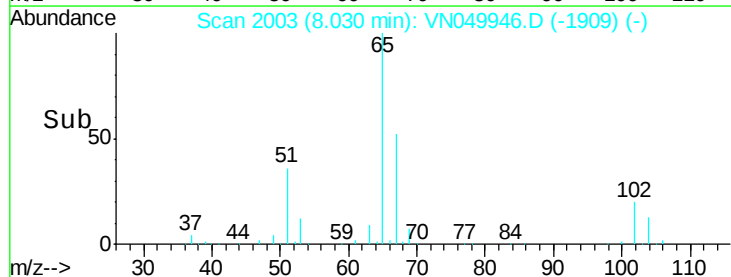
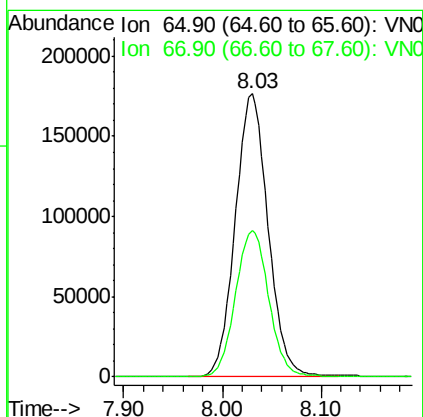
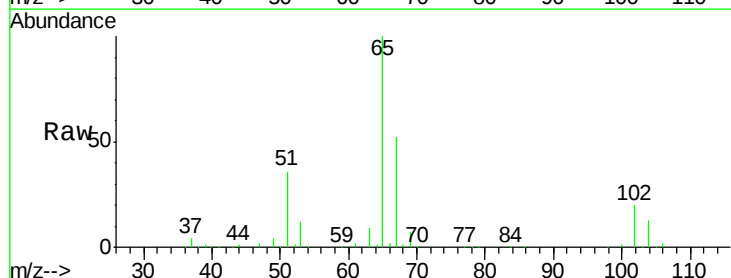
Instrument :
MSVOA_N
ClientSampleId :
SB6-12-7

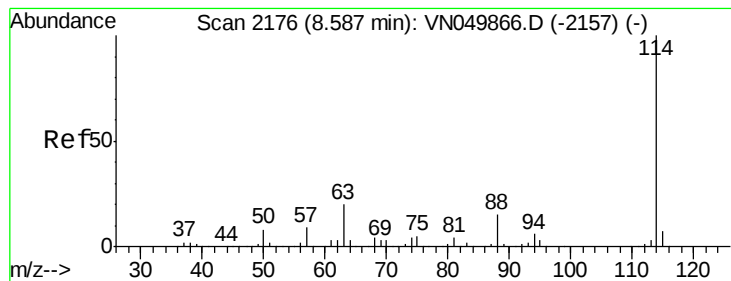
Tot Ion: 83 Resp: 15102
Ion Ratio Lower Upper
83 100
85 63.2 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 52.43 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049946.D
Acq: 20 Jul 2018 4:58

Tgt Ion: 65 Resp: 408294
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049946.D

Acq: 20 Jul 2018 4:58

Instrument :

MSVOA_N

ClientSampleId :

SB6-12-7

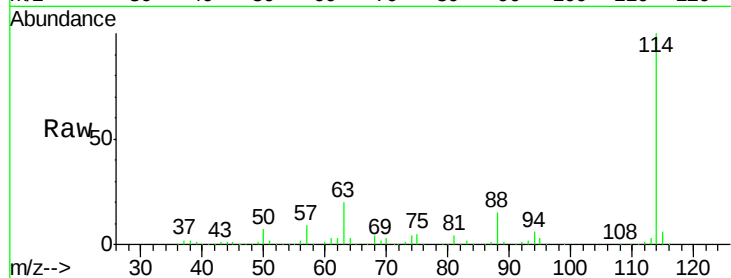
Tot Ion:114 Resp: 955474

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.8

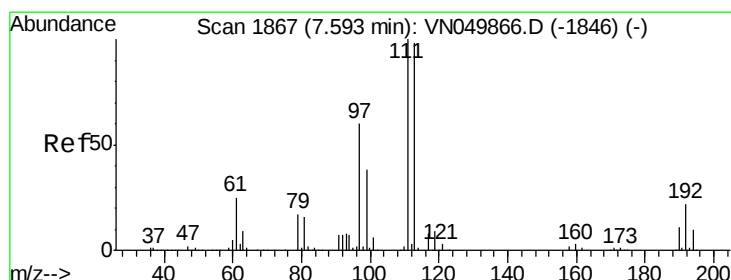
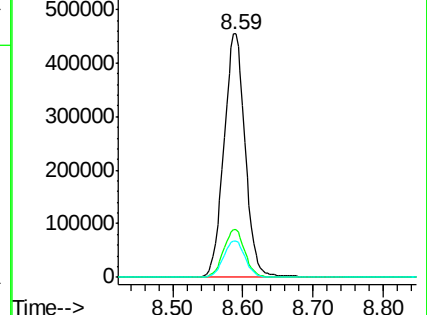
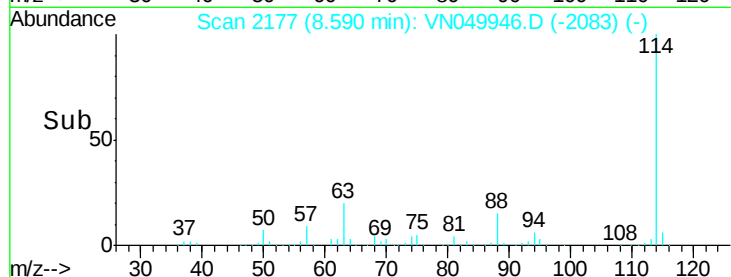
88 15.1 0.0 30.6



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: 44.73 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN049946.D

Acq: 20 Jul 2018 4:58

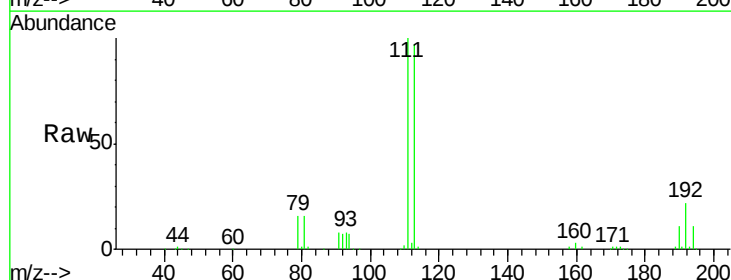
Tgt Ion:113 Resp: 358761

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

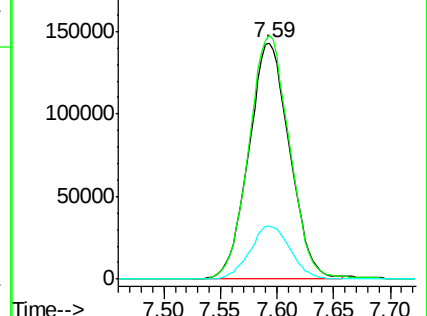
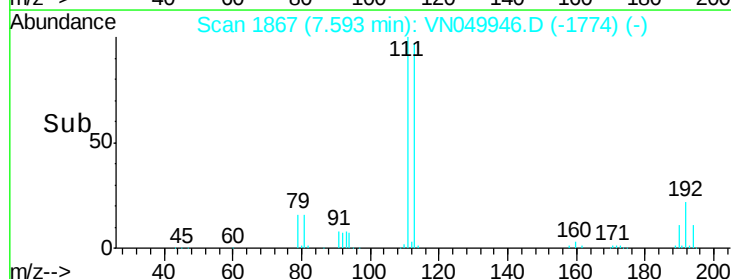
192 22.3 17.8 26.6

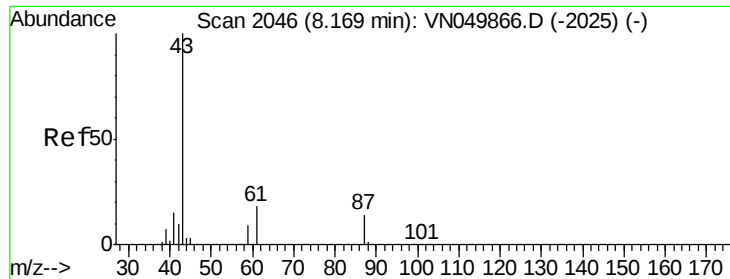


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 16.18 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. -0.00 min

Lab File: VN049946.D

Acq: 20 Jul 2018 4:58

Instrument :

MSVOA_N

ClientSampled :

SB6-12-7

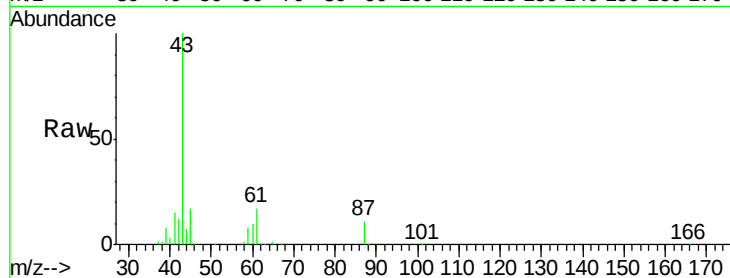
Tot Ion: 43 Resp: 206280

Ion Ratio Lower Upper

43 100

61 16.2 14.9 22.3

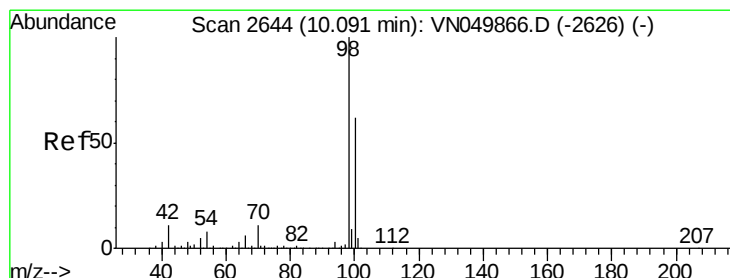
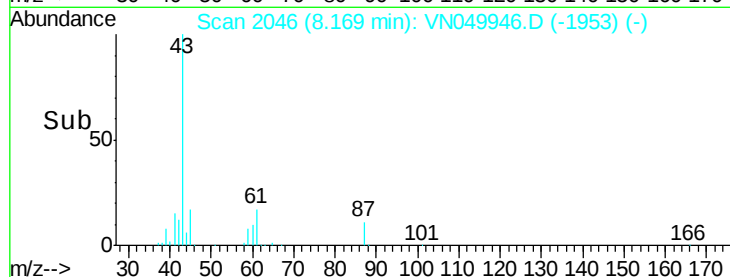
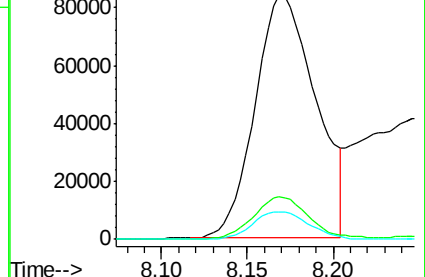
87 10.4 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VN049866.D (-2025) (-)

Ion 61.00 (60.70 to 61.70): VN049866.D (-2025) (-)

Ion 87.00 (86.70 to 87.70): VN049866.D (-2025) (-)



#50

Toluene-d8

Concen: 43.56 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049946.D

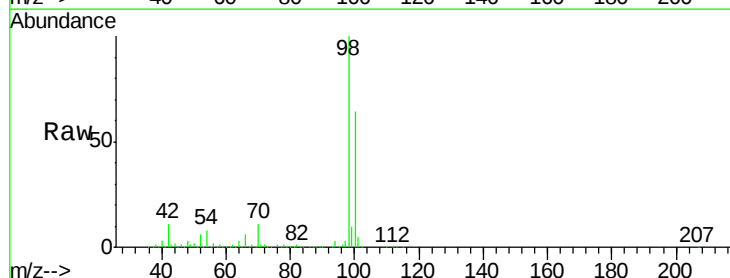
Acq: 20 Jul 2018 4:58

Tgt Ion: 98 Resp: 1273042

Ion Ratio Lower Upper

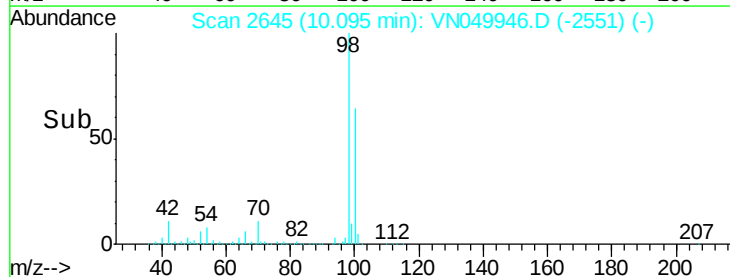
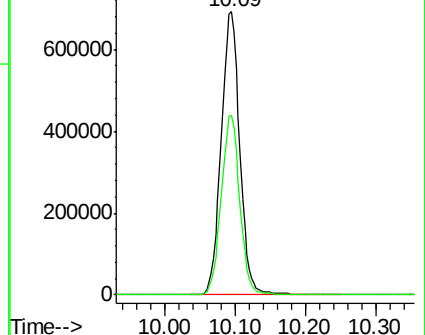
98 100

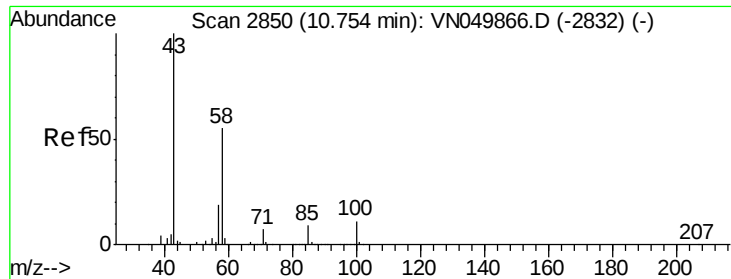
100 63.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN049866.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN049866.D (-2626) (-)





#59

2-Hexanone

Concen: 1.88 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN049946.D

Acq: 20 Jul 2018 4:58

Instrument :

MSVOA_N

ClientSampleId :

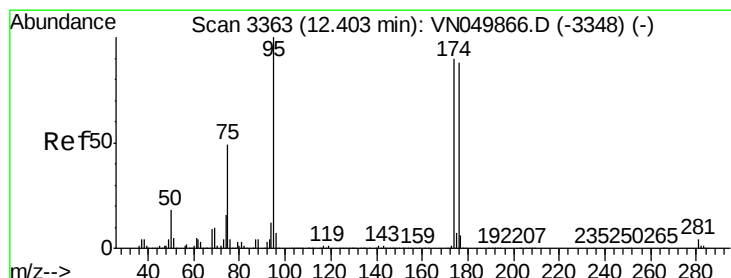
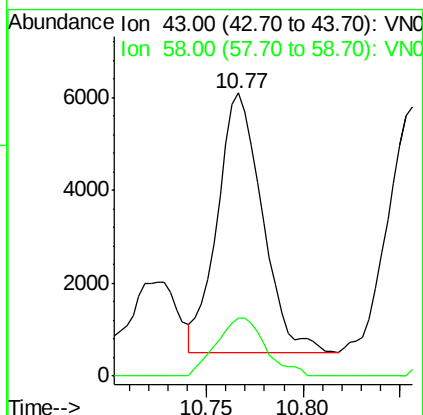
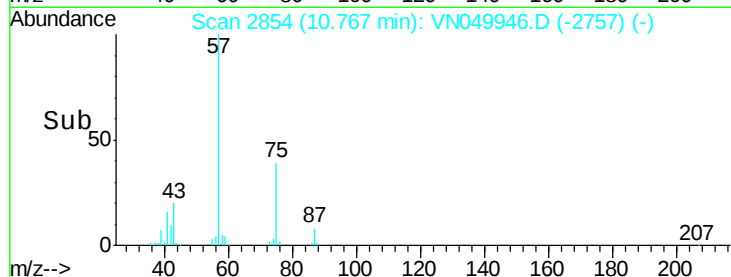
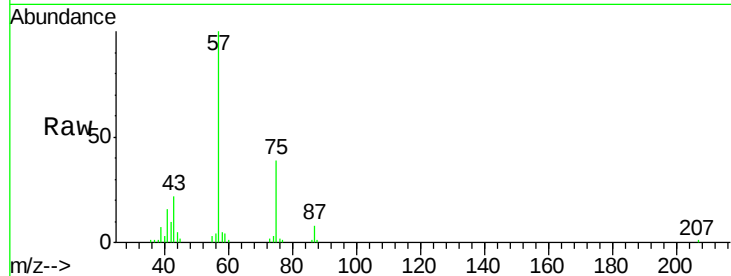
SB6-12-7

Tot Ion: 43 Resp: 8980

Ion Ratio Lower Upper

43 100

58 24.6 27.8 83.4#



#62

4-Bromofluorobenzene

Concen: 34.34 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049946.D

Acq: 20 Jul 2018 4:58

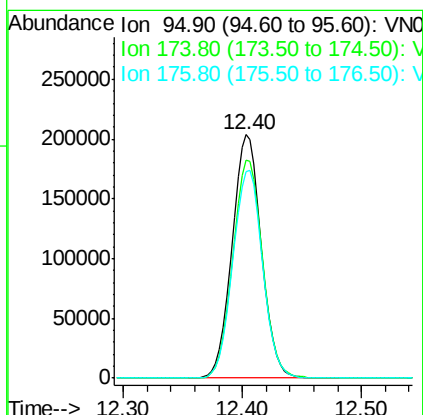
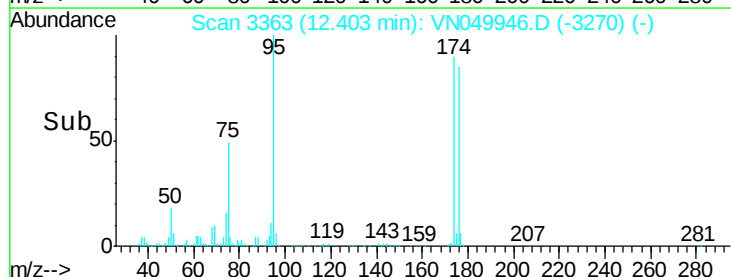
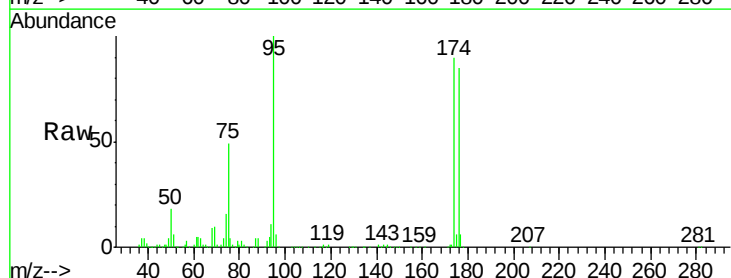
Tgt Ion: 95 Resp: 345639

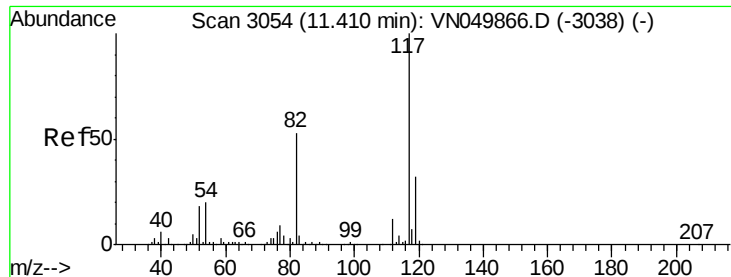
Ion Ratio Lower Upper

95 100

174 91.4 0.0 179.6

176 87.3 0.0 174.0

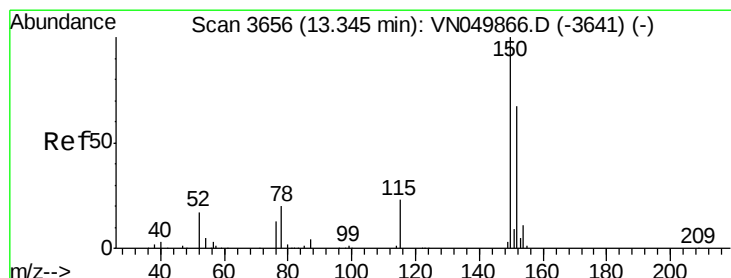
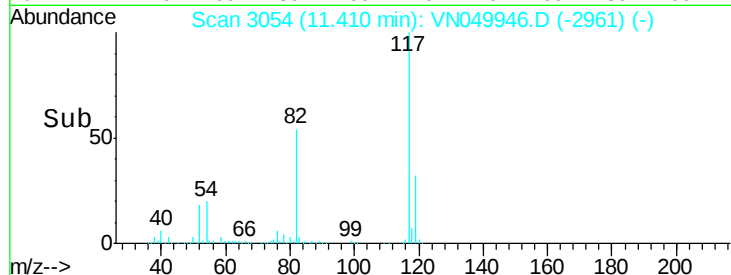
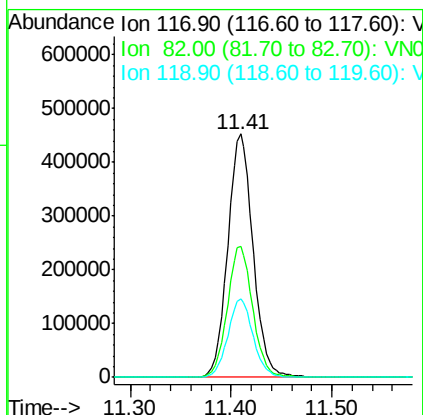
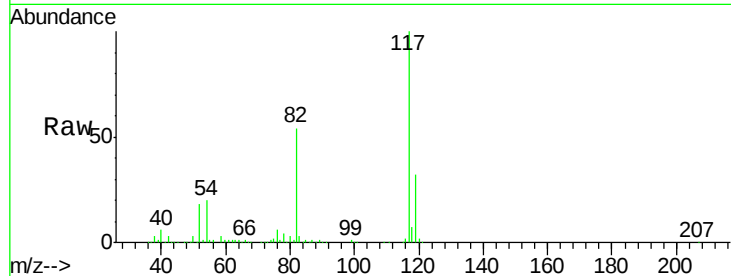




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049946.D
Acq: 20 Jul 2018 4:58

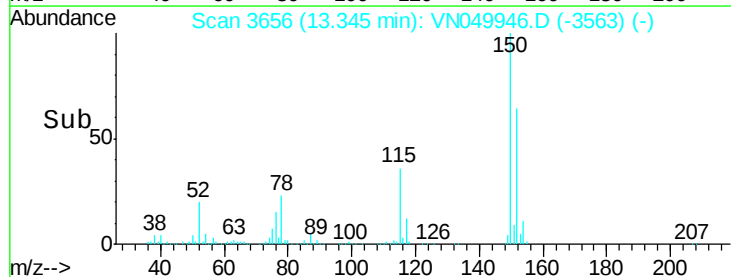
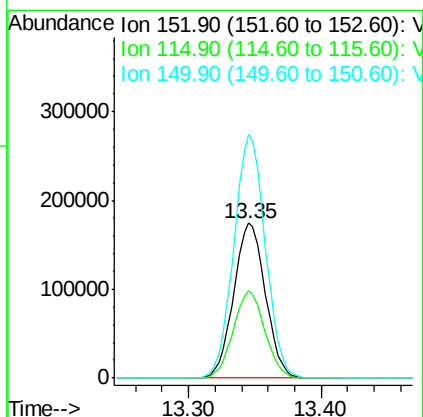
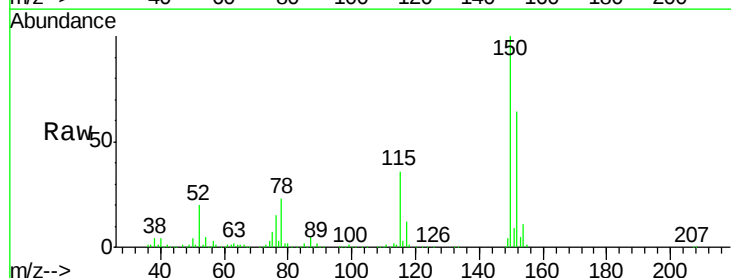
Instrument :
MSVOA_N
ClientSampleId :
SB6-12-7

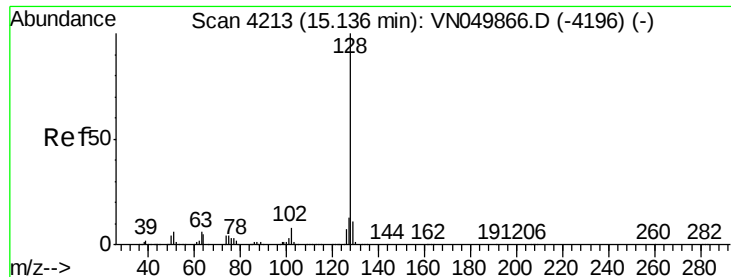
Tot Ion:117 Resp: 791336
Ion Ratio Lower Upper
117 100
82 53.9 41.9 62.9
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN049946.D
Acq: 20 Jul 2018 4:58

Tgt Ion:152 Resp: 288754
Ion Ratio Lower Upper
152 100
115 56.2 28.1 84.2
150 155.9 0.0 347.6

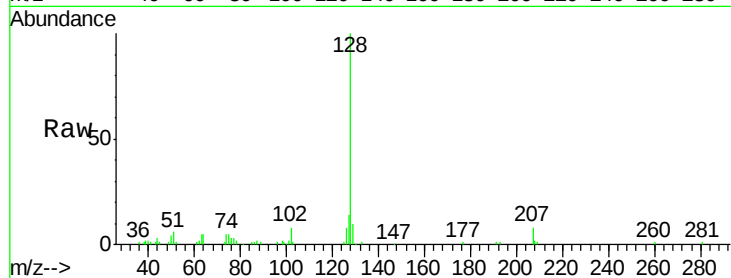




#95
Naphthalene
Concen: 9.15 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049946.D
Acq: 20 Jul 2018 4:58

Instrument :
MSVOA_N
ClientSampleId :
SB6-12-7

Tot Ion:128 Resp: 69934
Ion Ratio Lower Upper
128 100
127 14.4 10.4 15.6
129 10.6 8.6 13.0



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

