

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
 Data File : VN050070.D
 Acq On : 26 Jul 2018 2:48
 Operator : MD\SY
 Sample : J4124-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11-S

Quant Time: Jul 26 08:00:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	620290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1037219	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	885740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	333854	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	443024	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	
35) Dibromofluoromethane	7.59	113	396207	46.79	ug/l	0.00
Spiked Amount			Recovery	=	93.58%	
50) Toluene-d8	10.09	98	1403562	45.08	ug/l	0.00
Spiked Amount			Recovery	=	90.16%	
62) 4-Bromofluorobenzene	12.40	95	394165	38.45	ug/l	0.00
Spiked Amount			Recovery	=	76.90%	

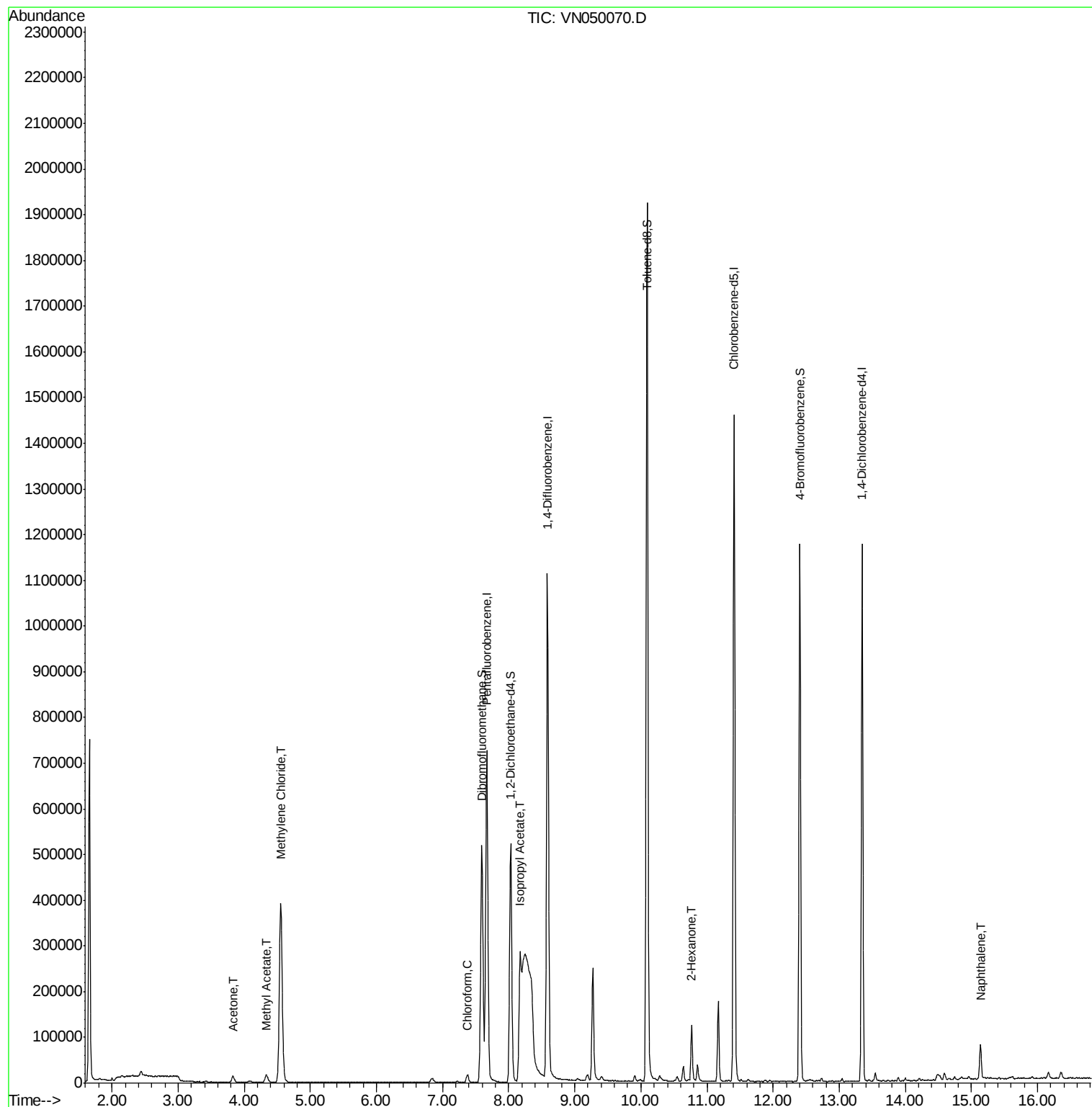
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	21484	6.31	ug/l	97
18) Methyl Acetate	4.34	43	31618	2.44	ug/l	100
20) Methylene Chloride	4.55	84	304111	39.36	ug/l	99
30) Chloroform	7.38	83	17037	1.16	ug/l	95
43) Isopropyl Acetate	8.17	43	333587	21.07	ug/l #	89
59) 2-Hexanone	10.77	43	18086	8.18	ug/l #	56
95) Naphthalene	15.14	128	68925	8.54	ug/l	99

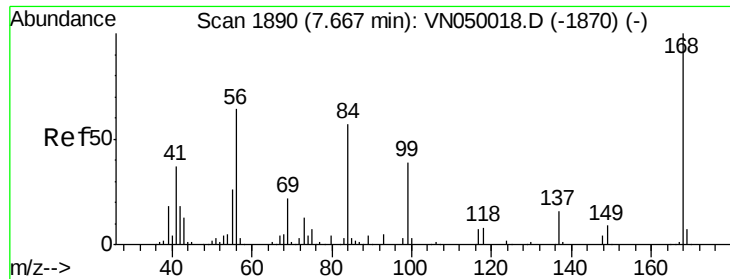
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050070.D

Acq: 26 Jul 2018 2:48

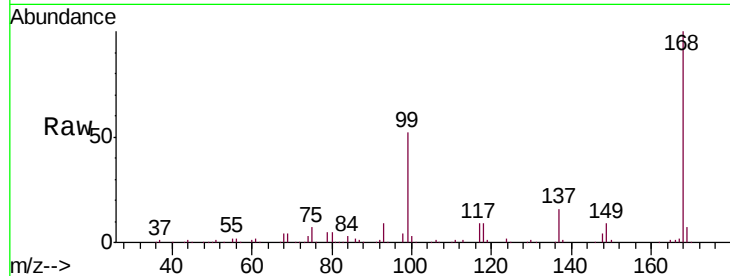
Instrument :
MSVOA_N
ClientSampled :
TP-11-S

Tot Ion:168 Resp: 620290

Ion Ratio Lower Upper

168 100

99 51.5 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

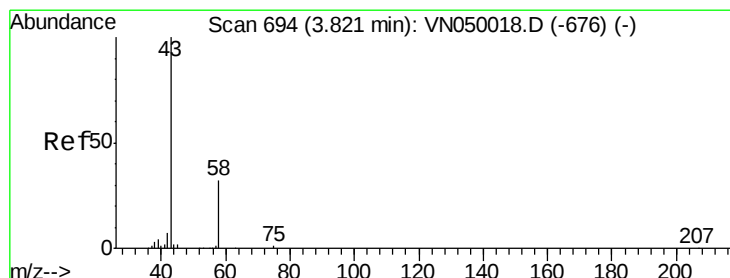
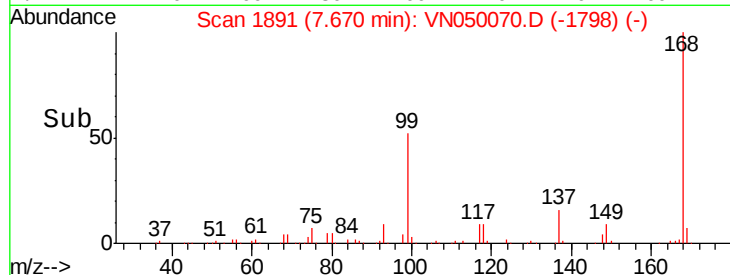
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.31 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050070.D

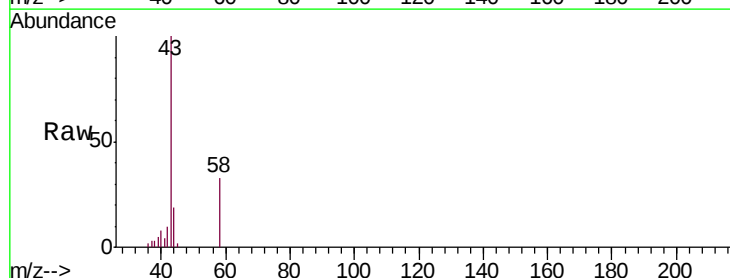
Acq: 26 Jul 2018 2:48

Tgt Ion: 43 Resp: 21484

Ion Ratio Lower Upper

43 100

58 33.7 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

10000

8000

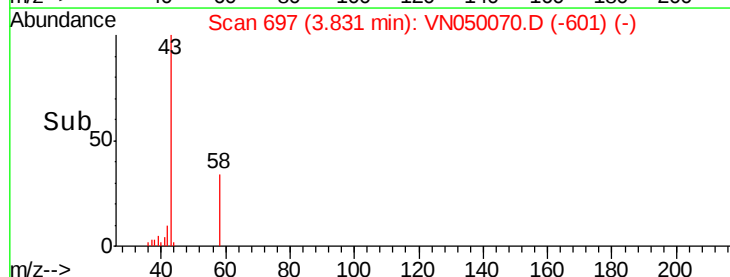
6000

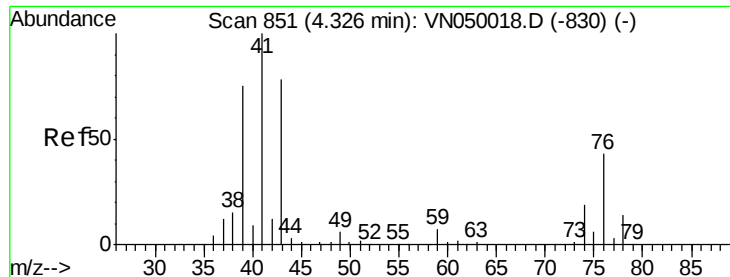
4000

2000

0

Time-->





#18

Methvl Acetate

Concen: 2.44 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.00 min

Lab File: VN050070.D

Acq: 26 Jul 2018 2:48

Instrument :

MSVOA_N

ClientSampled :

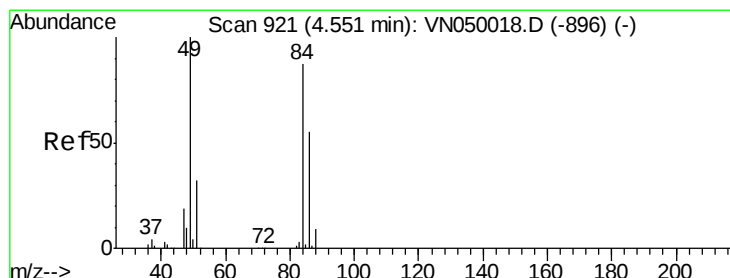
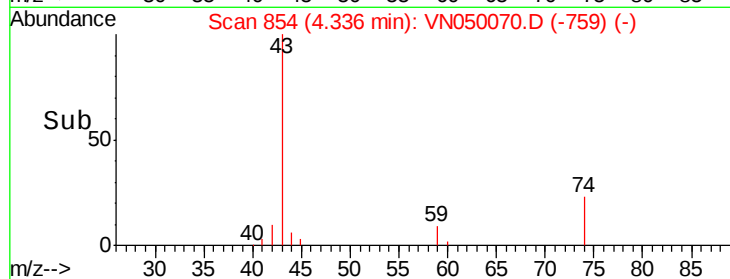
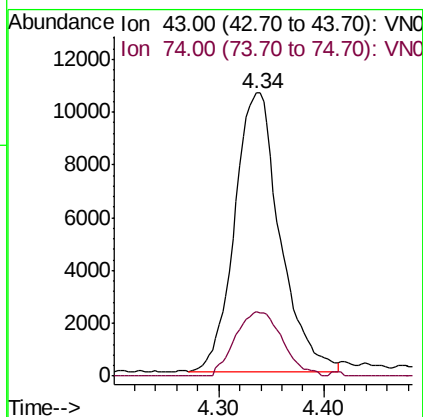
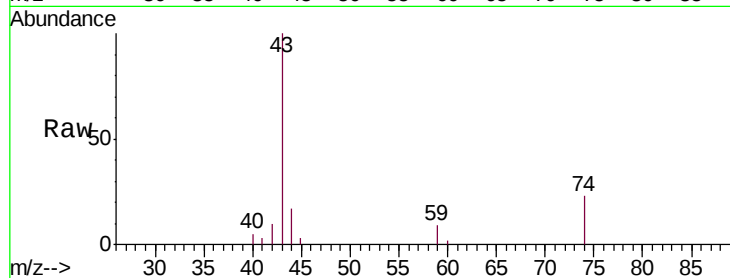
TP-11-S

Tot Ion: 43 Resp: 31618

Ion Ratio Lower Upper

43 100

74 23.9 19.2 28.8



#20

Methylene Chloride

Concen: 39.36 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN050070.D

Acq: 26 Jul 2018 2:48

Tgt Ion: 84 Resp: 304111

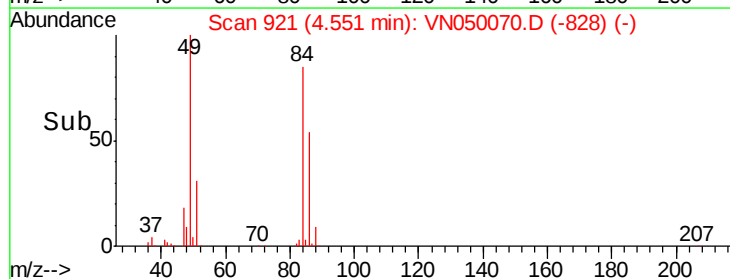
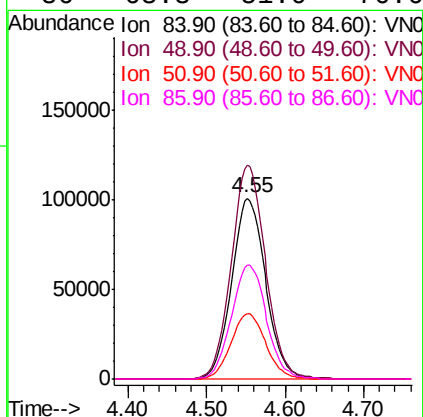
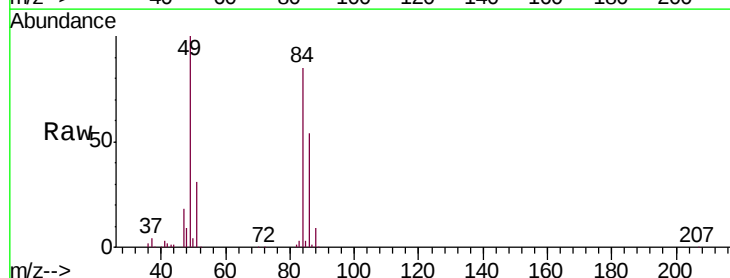
Ion Ratio Lower Upper

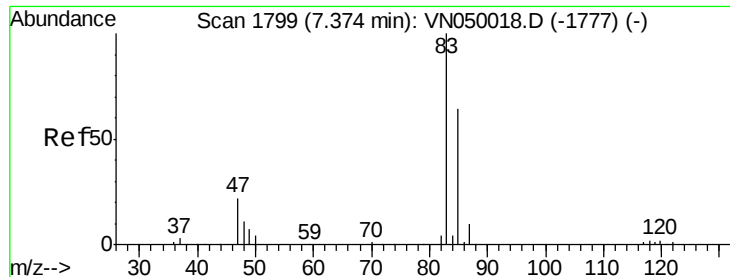
84 100

49 118.2 94.8 142.2

51 36.3 28.3 42.5

86 63.3 51.0 76.6





#30

Chloroform

Concen: 1.16 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN050070.D

Acq: 26 Jul 2018 2:48

Instrument :

MSVOA_N

ClientSampleId :

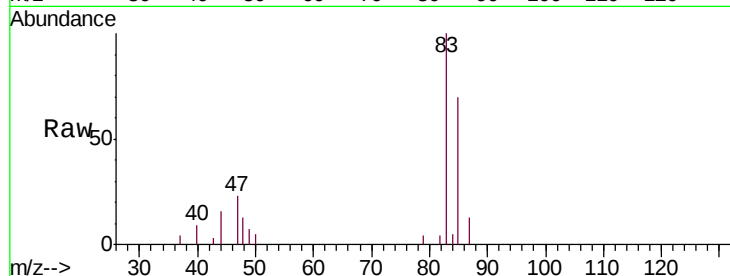
TP-11-S

Tot Ion: 83 Resp: 17037

Ion Ratio Lower Upper

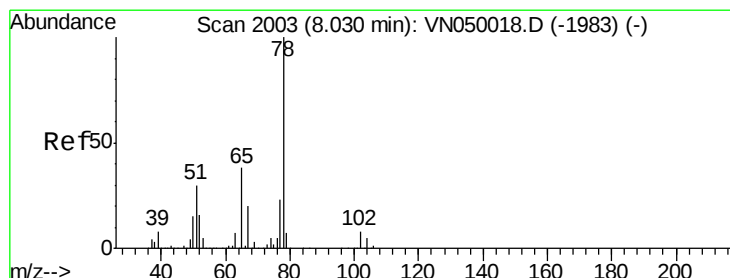
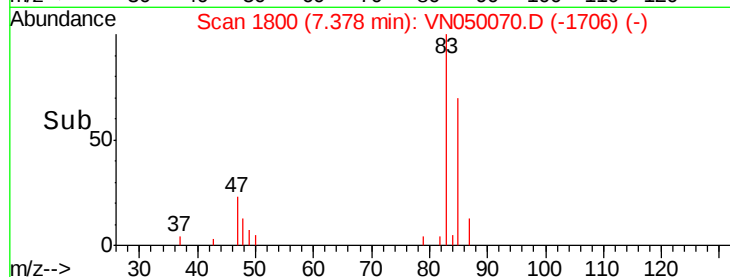
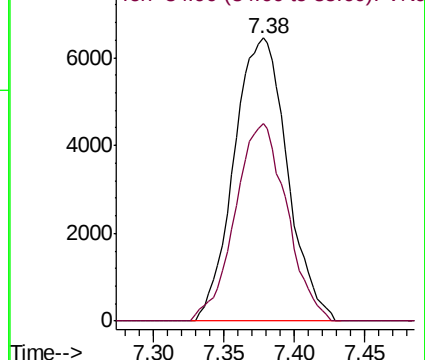
83 100

85 69.8 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.19 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050070.D

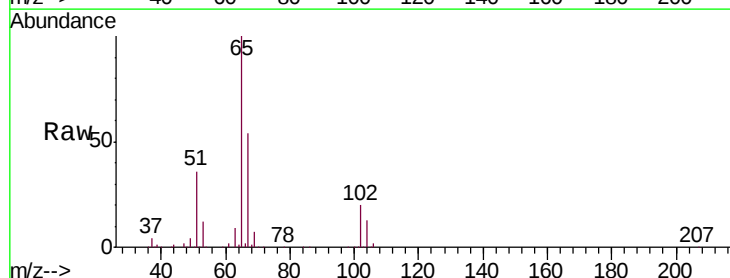
Acq: 26 Jul 2018 2:48

Tgt Ion: 65 Resp: 443024

Ion Ratio Lower Upper

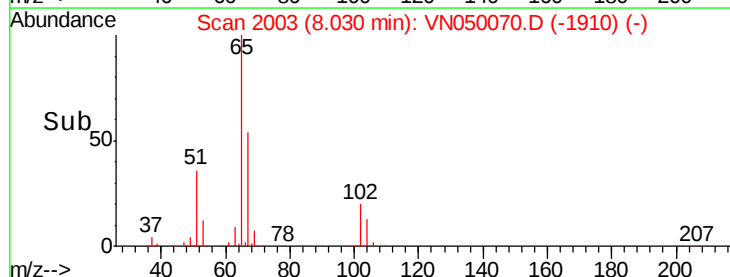
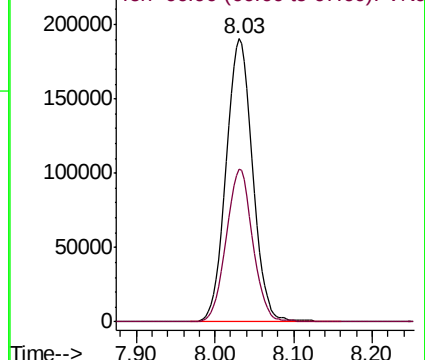
65 100

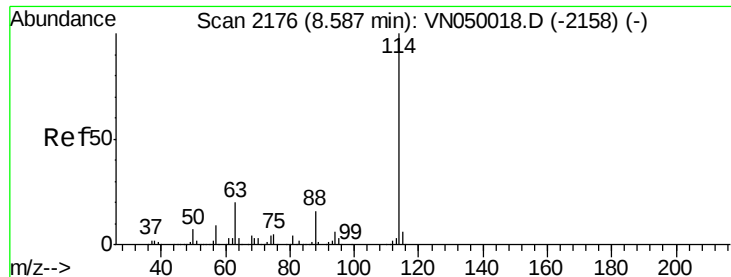
67 53.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

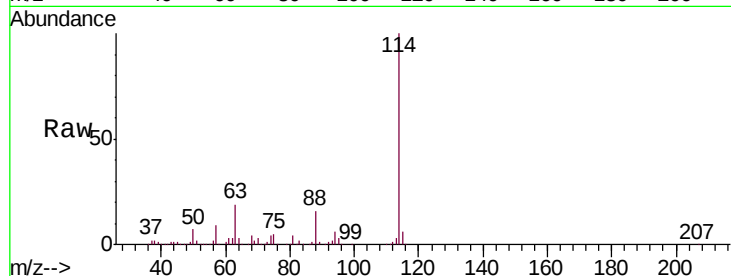




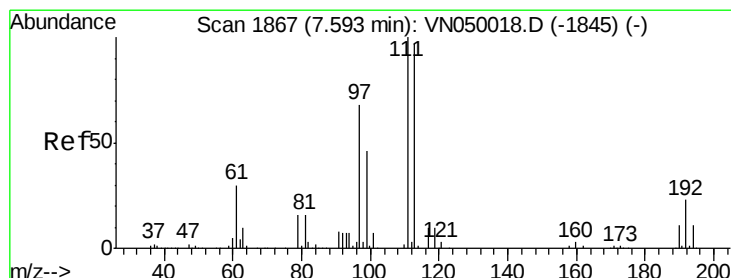
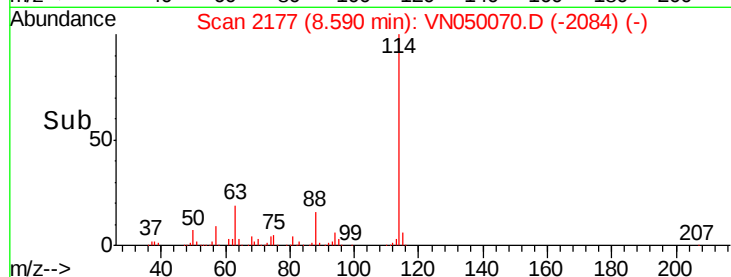
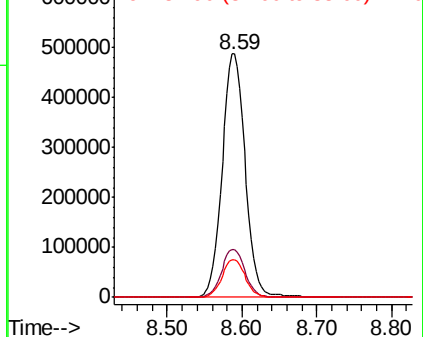
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050070.D
 Acq: 26 Jul 2018 2:48

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11-S

Tot Ion:114 Resp: 1037219
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.6 0.0 31.2

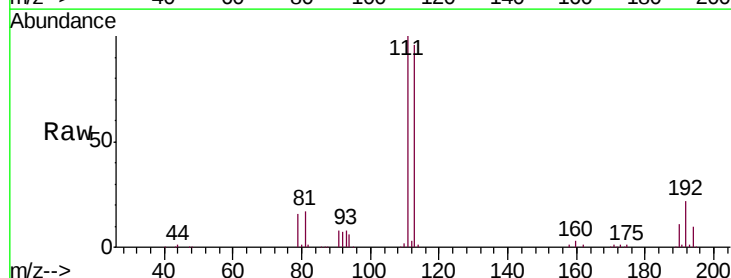


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

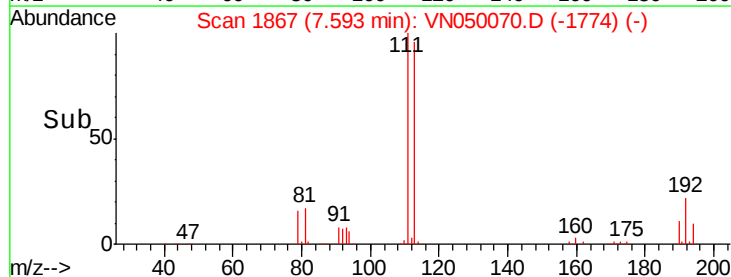
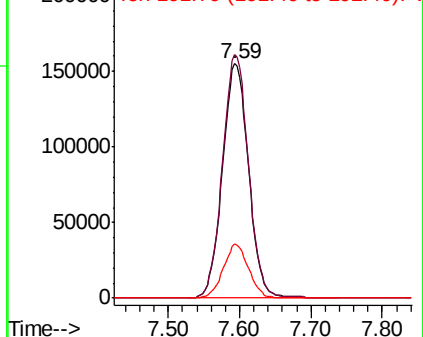


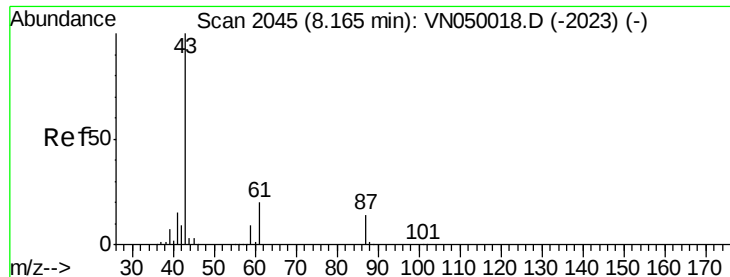
#35
 Dibromofluoromethane
 Concen: 46.79 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050070.D
 Acq: 26 Jul 2018 2:48

Tgt Ion:113 Resp: 396207
 Ion Ratio Lower Upper
 113 100
 111 102.5 80.7 121.1
 192 22.2 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: 21.07 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN050070.D

Acq: 26 Jul 2018 2:48

Instrument :

MSVOA_N

ClientSampleId :

TP-11-S

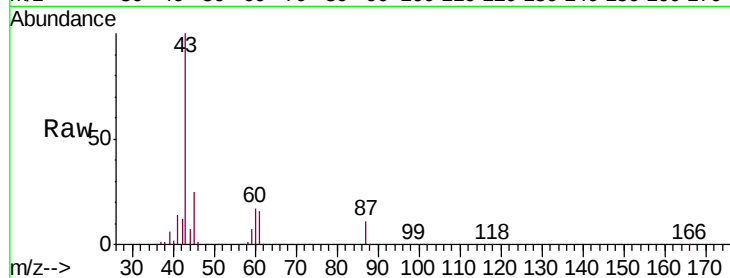
Tot Ion: 43 Resp: 333587

Ion Ratio Lower Upper

43 100

61 14.4 15.8 23.6#

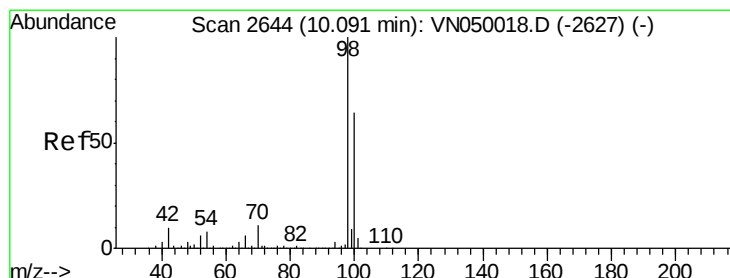
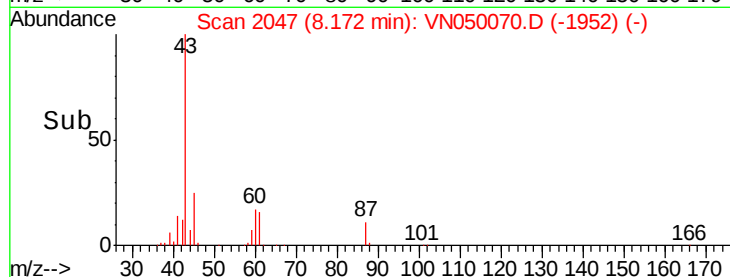
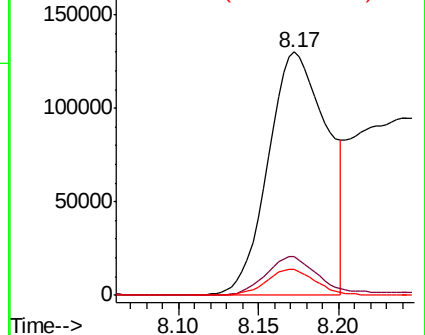
87 8.9 10.3 15.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 45.08 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050070.D

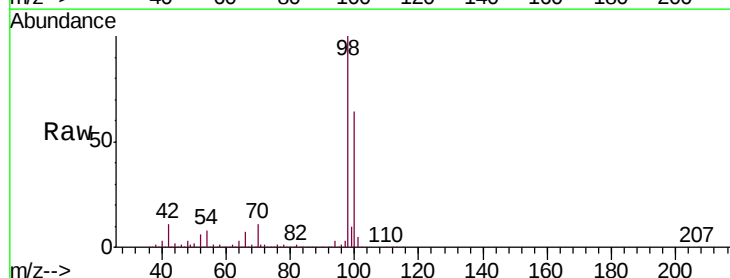
Acq: 26 Jul 2018 2:48

Tgt Ion: 98 Resp: 1403562

Ion Ratio Lower Upper

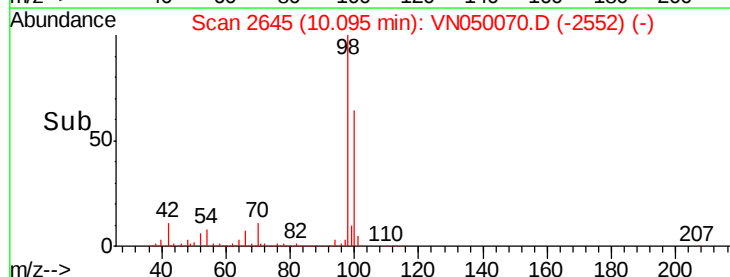
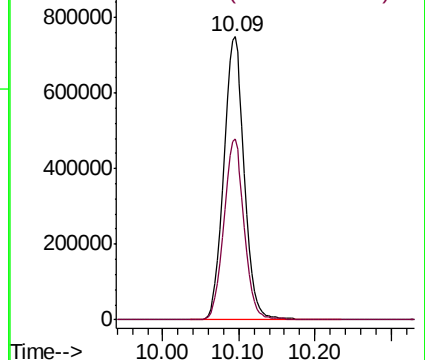
98 100

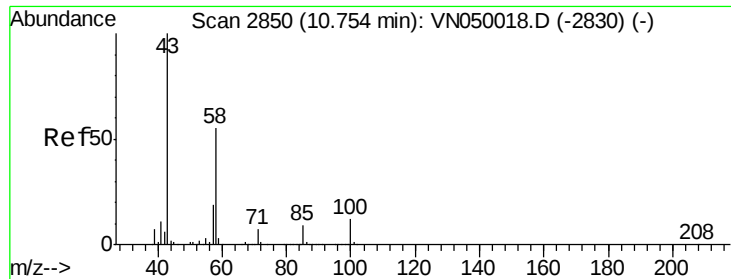
100 63.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#59

2-Hexanone

Concen: 8.18 ug/l

RT: 10.77 min Scan# 2855

Delta R.T. 0.02 min

Lab File: VN050070.D

Acq: 26 Jul 2018 2:48

Instrument :

MSVOA_N

ClientSampleId :

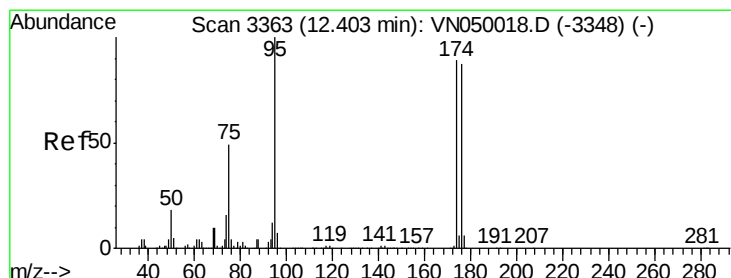
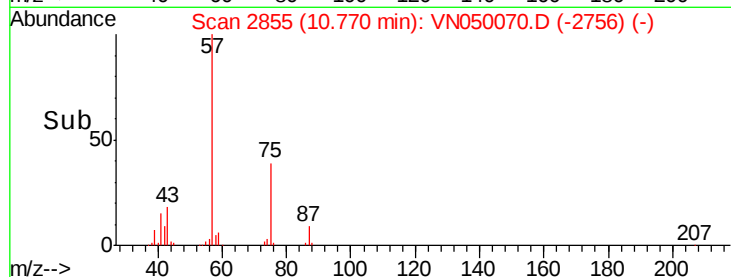
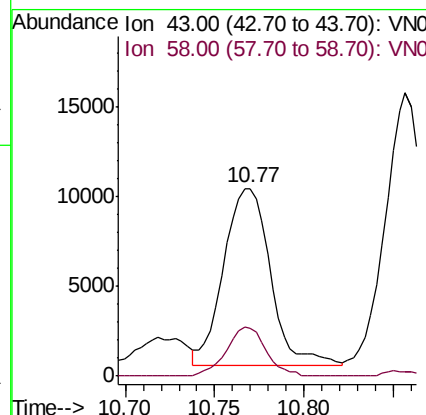
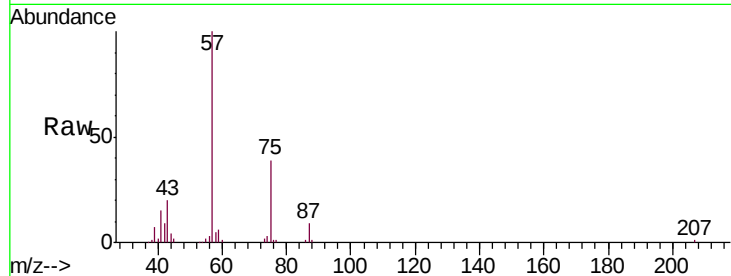
TP-11-S

Tot Ion: 43 Resp: 18086

Ion Ratio Lower Upper

43 100

58 23.3 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 38.45 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050070.D

Acq: 26 Jul 2018 2:48

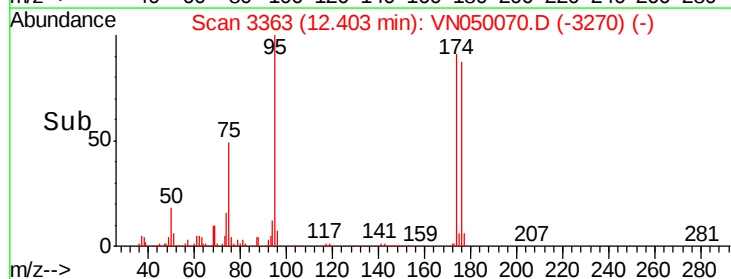
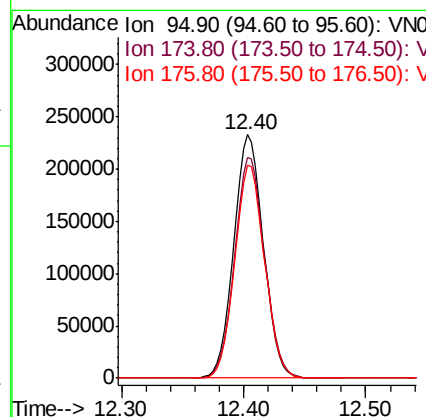
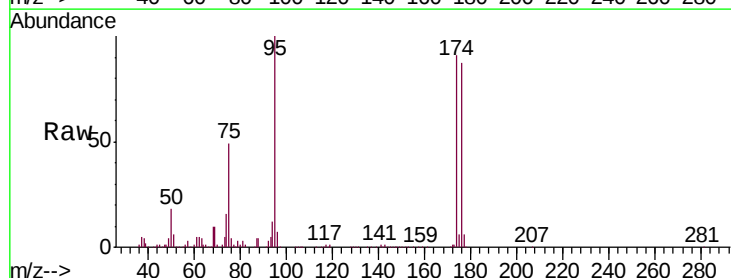
Tgt Ion: 95 Resp: 394165

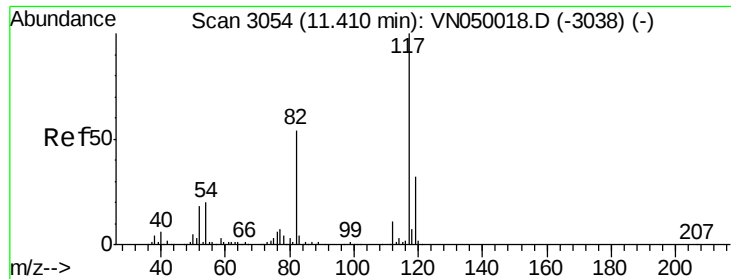
Ion Ratio Lower Upper

95 100

174 91.9 0.0 178.2

176 87.9 0.0 173.4

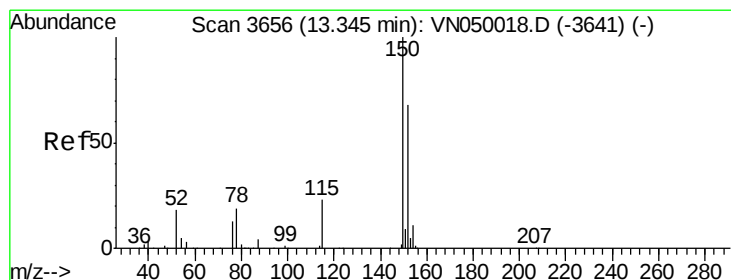
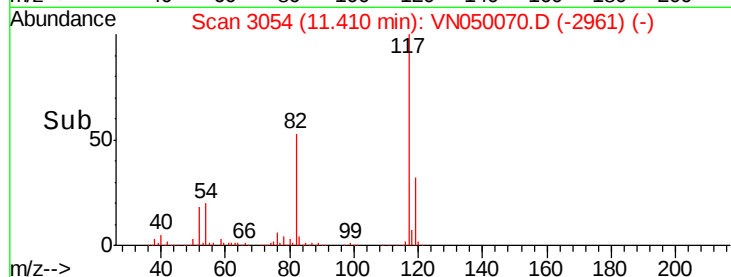
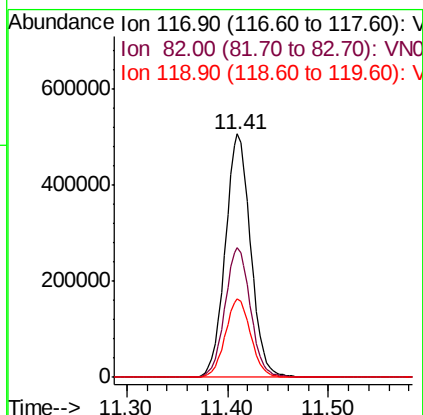
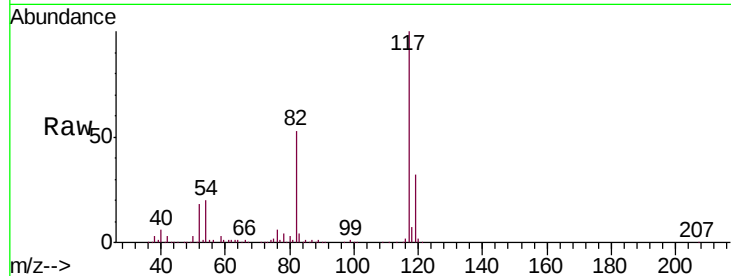




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050070.D
Acq: 26 Jul 2018 2:48

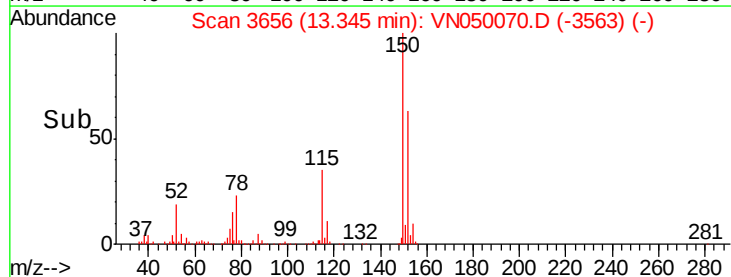
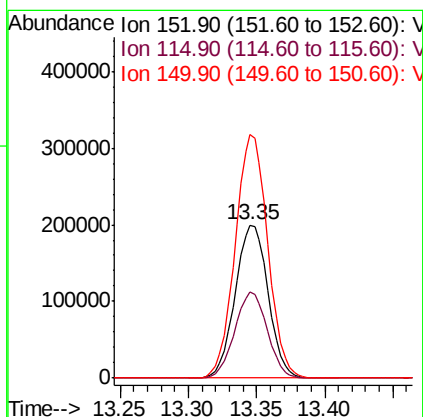
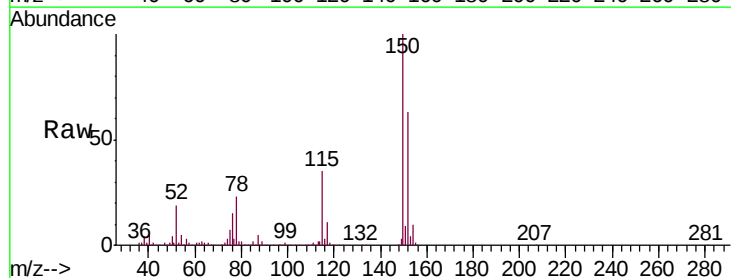
Instrument :
MSVOA_N
ClientSampleId :
TP-11-S

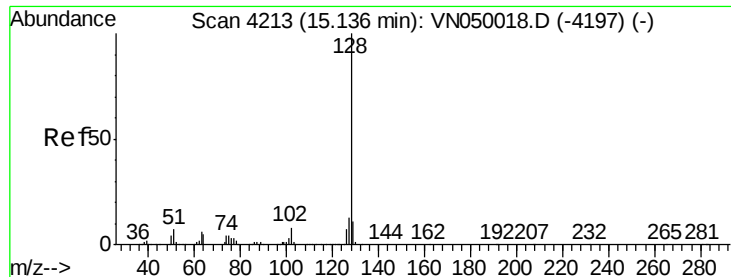
Tot Ion:117 Resp: 885740
Ion Ratio Lower Upper
117 100
82 53.0 43.7 65.5
119 32.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050070.D
Acq: 26 Jul 2018 2:48

Tgt Ion:152 Resp: 333854
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.3
150 157.0 0.0 348.6

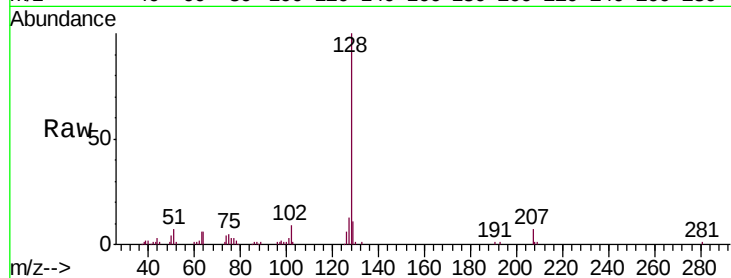




#95
 Naphthalene
 Concen: 8.54 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050070.D
 Acq: 26 Jul 2018 2:48

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11-S

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.6	8.8	13.2



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

