

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050155.D
 Acq On : 28 Jul 2018 1:46
 Operator : MD\SY
 Sample : J4189-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-12-S

Quant Time: Jul 28 03:56:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	645780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1084640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	927382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	374713	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	460156	51.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.14%	
35) Dibromofluoromethane	7.59	113	408975	46.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.36%	
50) Toluene-d8	10.09	98	1468648	45.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.22%	
62) 4-Bromofluorobenzene	12.40	95	429321	40.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	80.10%	

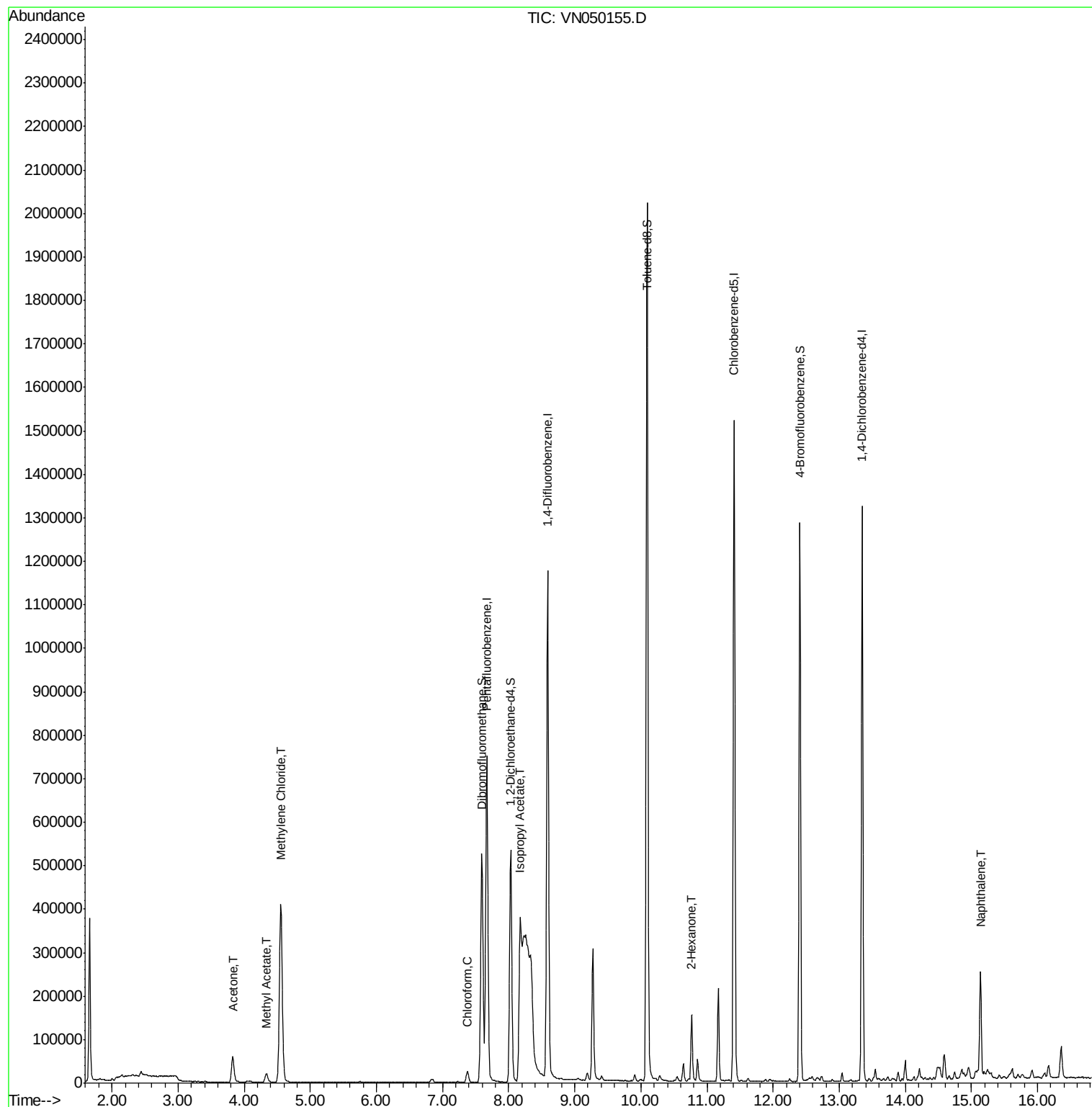
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	101753	44.373	ug/l	99
18) Methyl Acetate	4.34	43	38308	3.113	ug/l	99
20) Methylene Chloride	4.55	84	319889	39.786	ug/l	98
30) Chloroform	7.37	83	27100	1.775	ug/l	98
43) Isopropyl Acetate	8.17	43	476244	29.188	ug/l #	85
59) 2-Hexanone	10.77	43	22116	8.693	ug/l #	57
95) Naphthalene	15.14	128	220144	16.143	ug/l	99

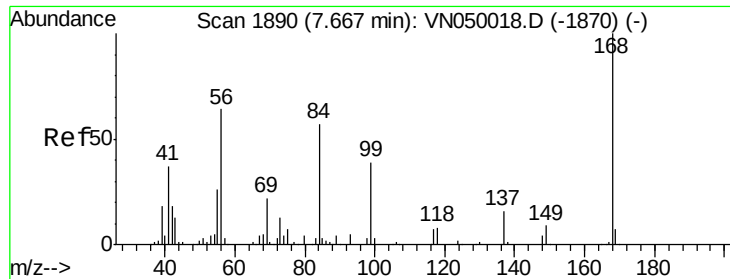
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050155.D

Acq: 28 Jul 2018 1:46

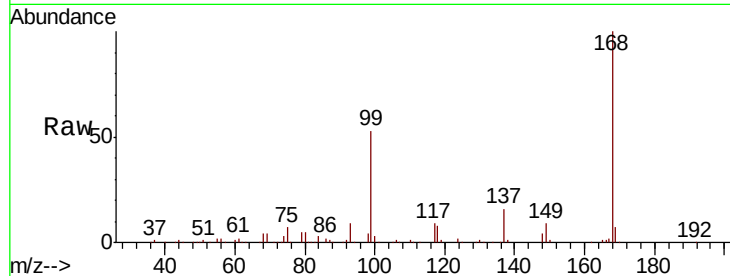
Instrument :
MSVOA_N
ClientSampleId :
TP-12-S

Tot Ion:168 Resp: 645780

Ion Ratio Lower Upper

168 100

99 52.6 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

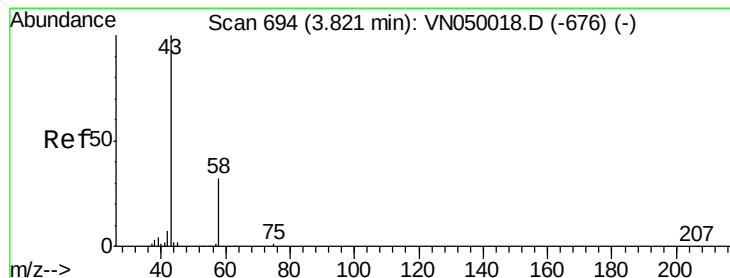
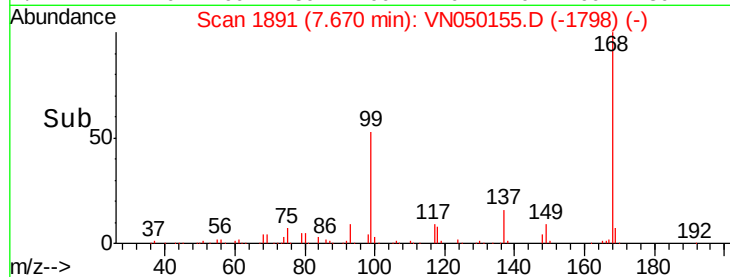
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 44.373 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050155.D

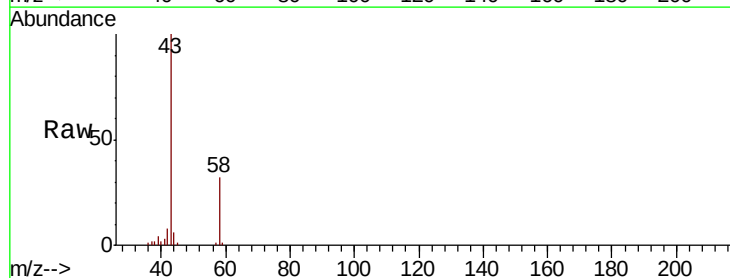
Acq: 28 Jul 2018 1:46

Tgt Ion: 43 Resp: 101753

Ion Ratio Lower Upper

43 100

58 32.7 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.83

40000

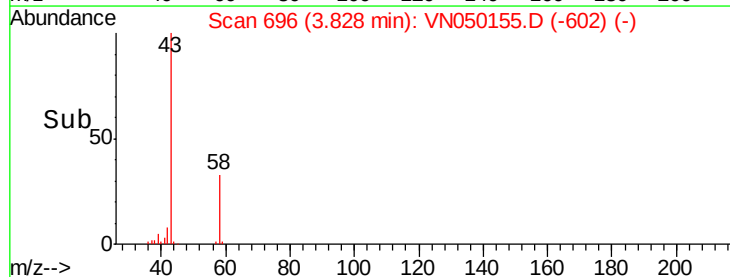
30000

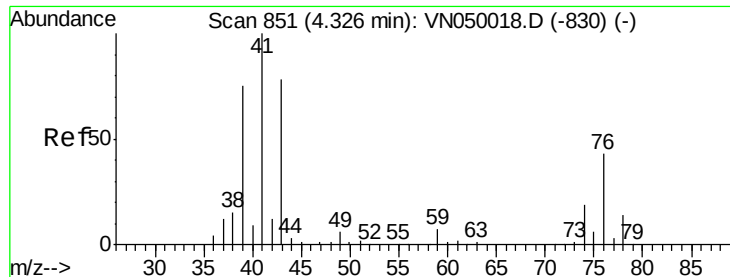
20000

10000

0

Time-->

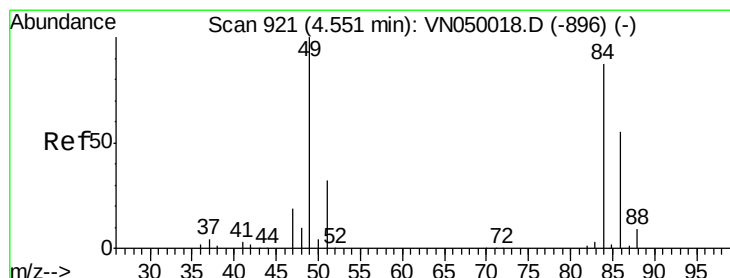
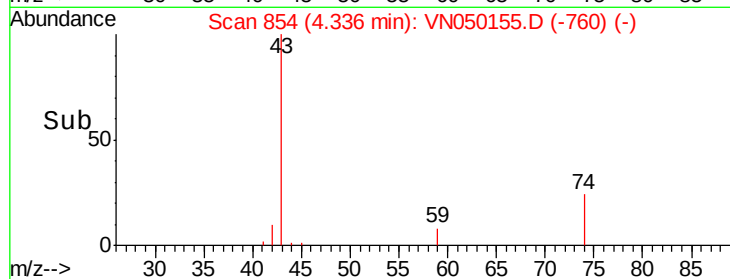
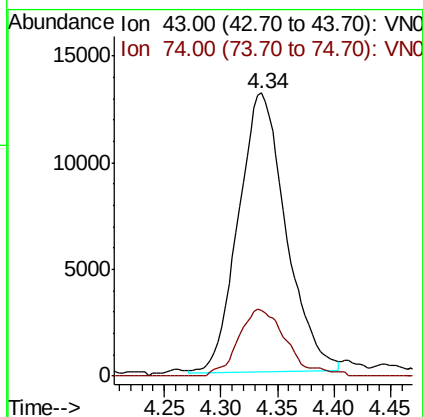
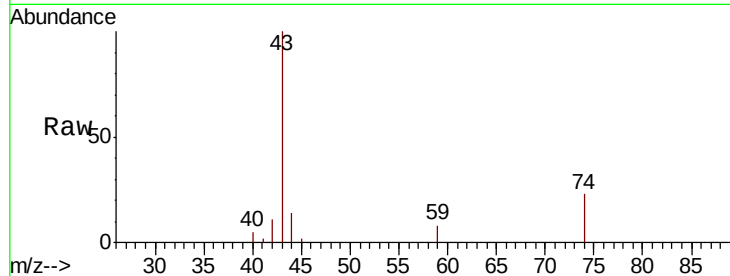




#18
Methvl Acetate
Concen: 3.113 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

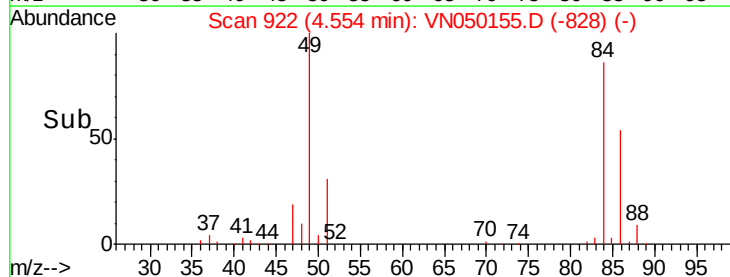
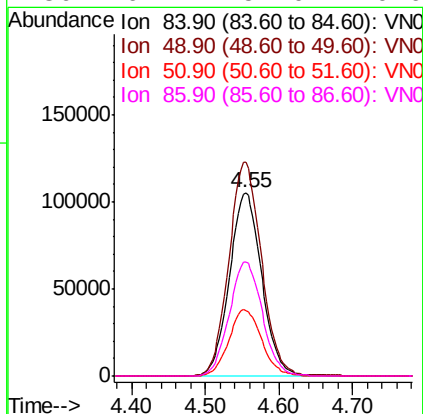
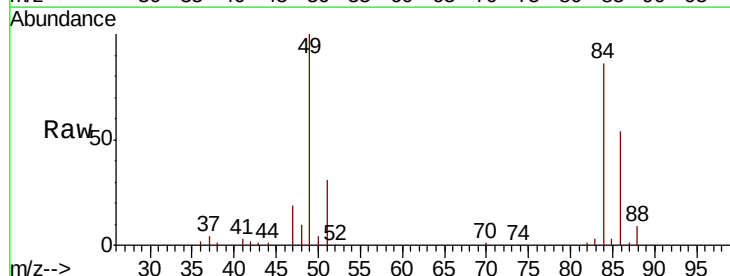
Instrument :
MSVOA_N
ClientSampleId :
TP-12-S

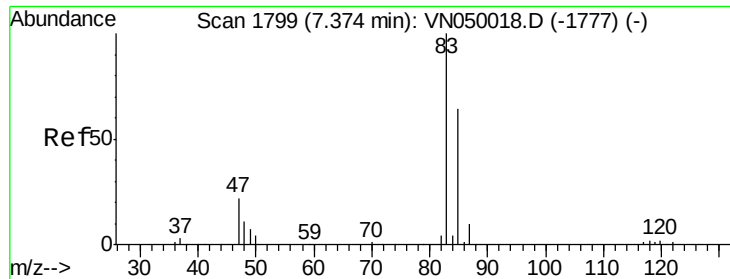
Tot Ion: 43 Resp: 38308
Ion Ratio Lower Upper
43 100
74 24.3 19.2 28.8



#20
Methylene Chloride
Concen: 39.786 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion: 84 Resp: 319889
Ion Ratio Lower Upper
84 100
49 116.5 94.8 142.2
51 35.7 28.3 42.5
86 62.4 51.0 76.6

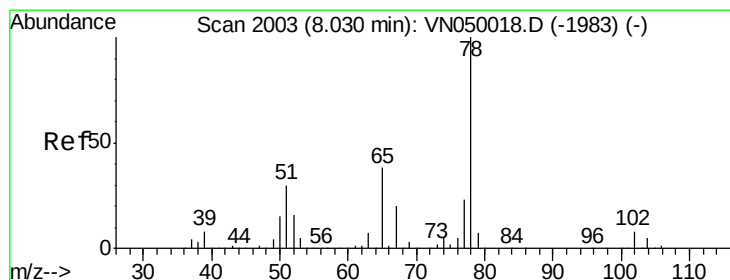
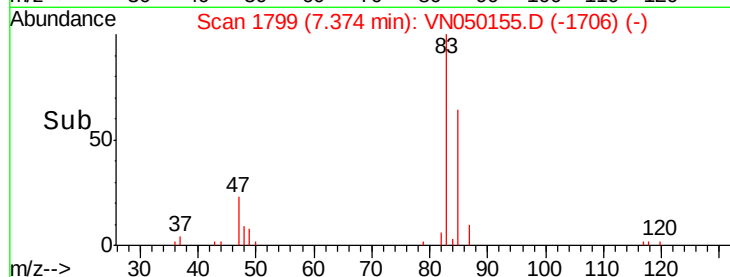
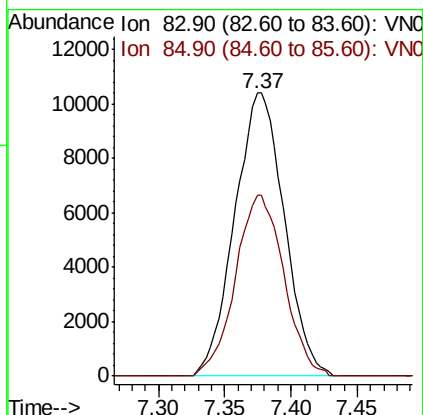
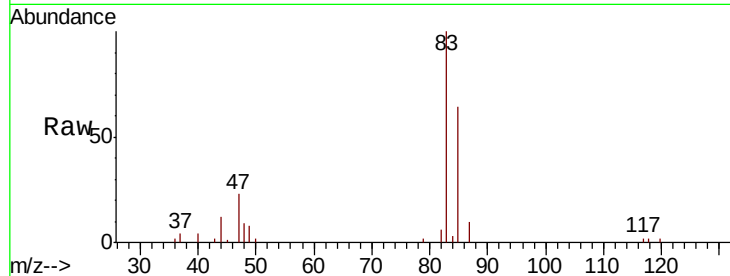




#30
Chloroform
Concen: 1.775 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

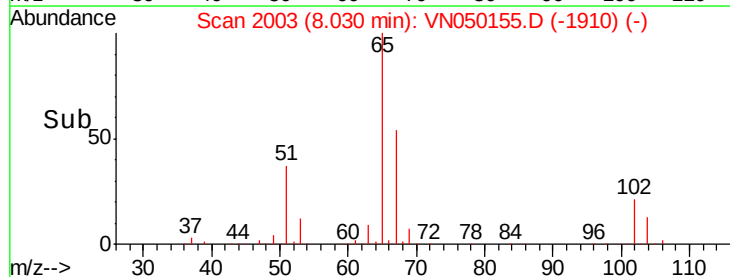
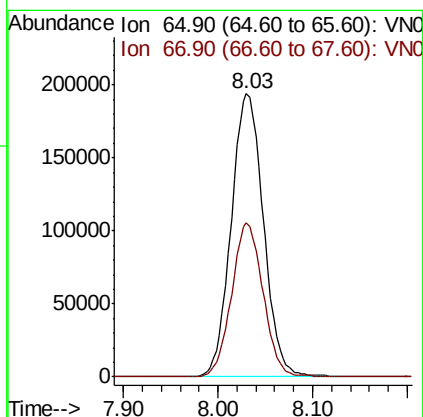
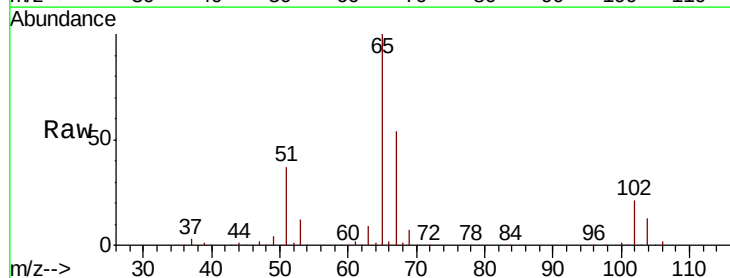
Instrument :
MSVOA_N
ClientSampleId :
TP-12-S

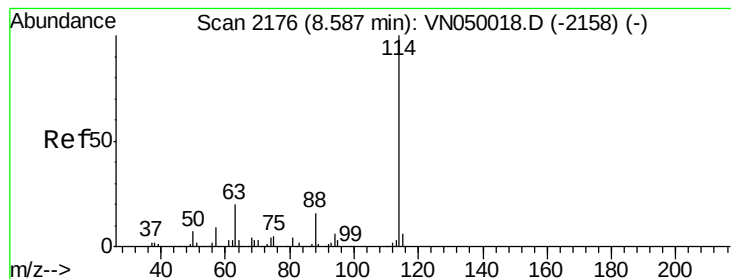
Tot Ion: 83 Resp: 27100
Ion Ratio Lower Upper
83 100
85 63.9 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 51.071 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion: 65 Resp: 460156
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050155.D

Acq: 28 Jul 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

TP-12-S

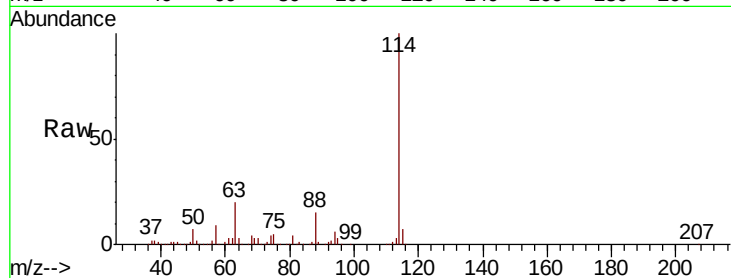
Tot Ion:114 Resp: 1084640

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

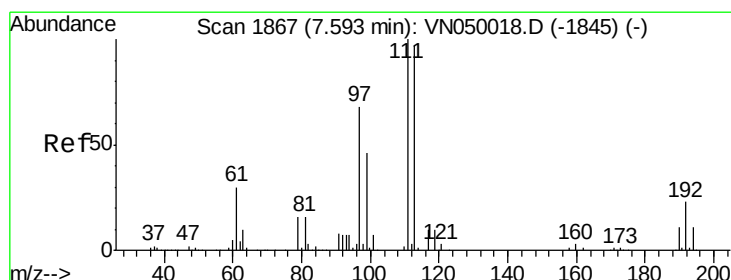
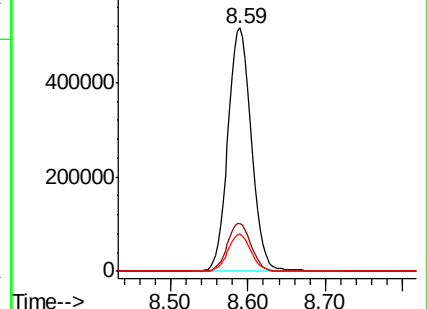
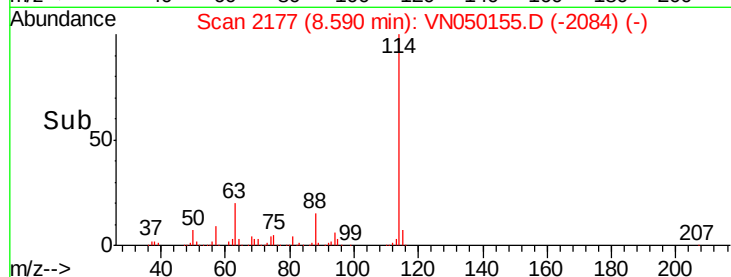
88 15.2 0.0 31.2



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: 46.182 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050155.D

Acq: 28 Jul 2018 1:46

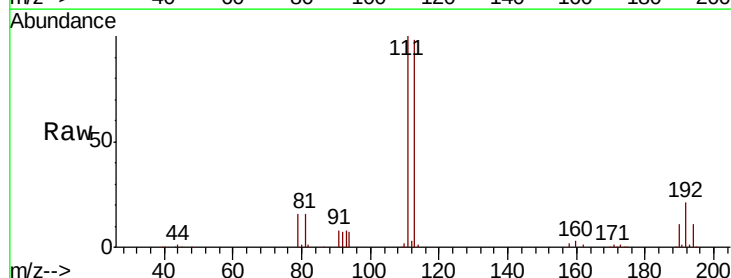
Tgt Ion:113 Resp: 408975

Ion Ratio Lower Upper

113 100

111 101.3 80.7 121.1

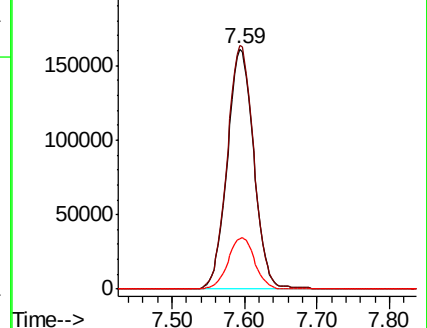
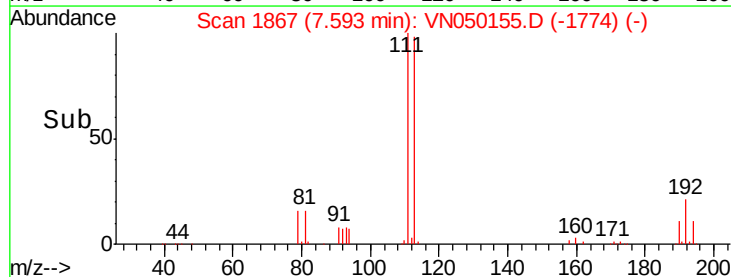
192 21.5 17.8 26.6

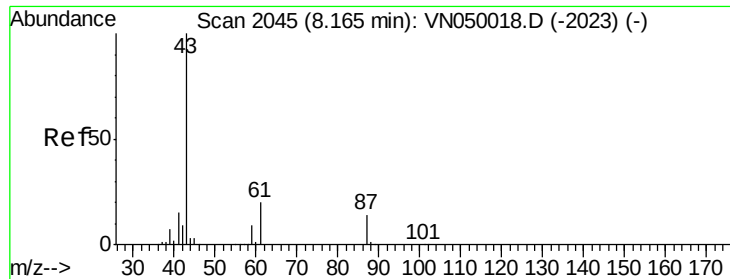


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 29.188 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN050155.D

Acq: 28 Jul 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

TP-12-S

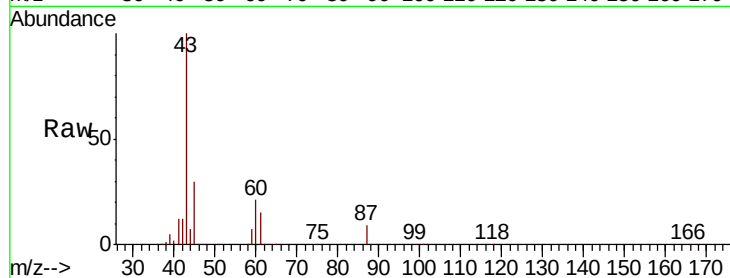
Tot Ion: 43 Resp: 476244

Ion Ratio Lower Upper

43 100

61 12.8 15.8 23.6#

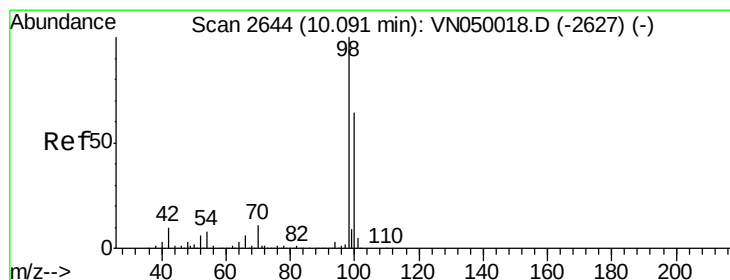
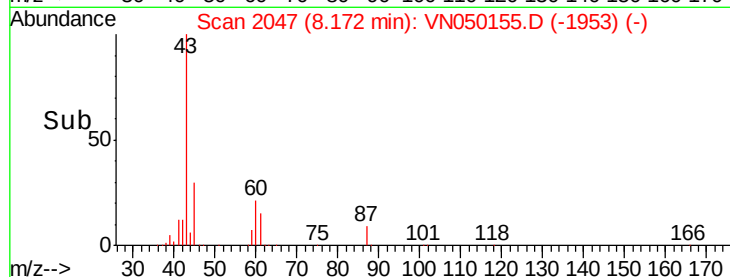
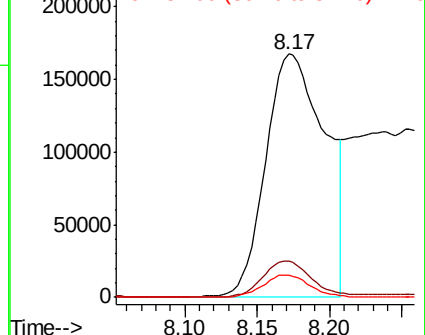
87 7.3 10.3 15.5#



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 61.00 (60.70 to 61.70): VNC

Ion 87.00 (86.70 to 87.70): VNC



#50

Toluene-d8

Concen: 45.109 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050155.D

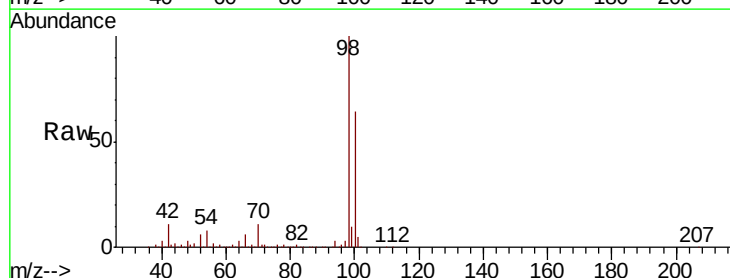
Acq: 28 Jul 2018 1:46

Tgt Ion: 98 Resp: 1468648

Ion Ratio Lower Upper

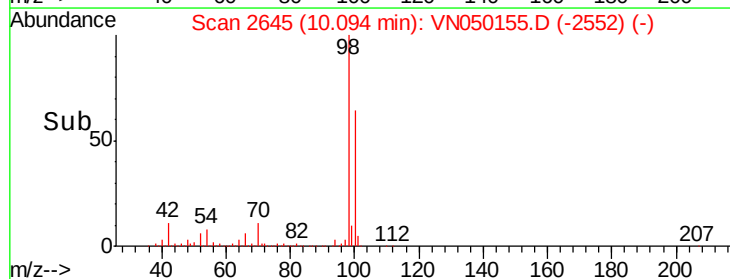
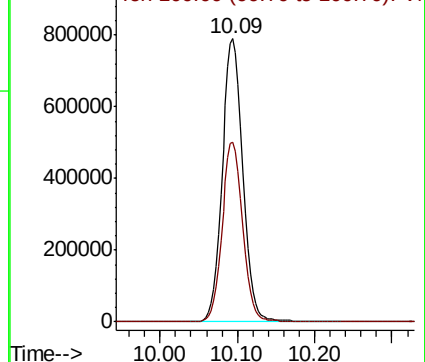
98 100

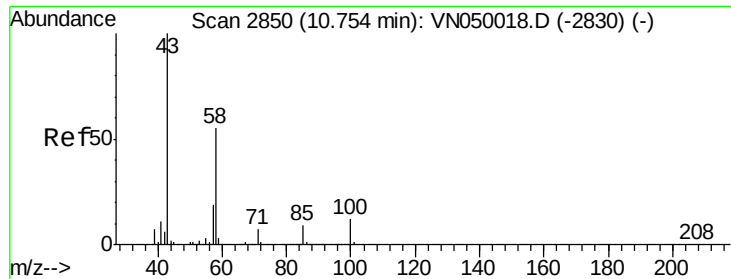
100 63.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VNC

Ion 100.00 (99.70 to 100.70): VNC





#59

2-Hexanone

Concen: 8.693 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050155.D

Acq: 28 Jul 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

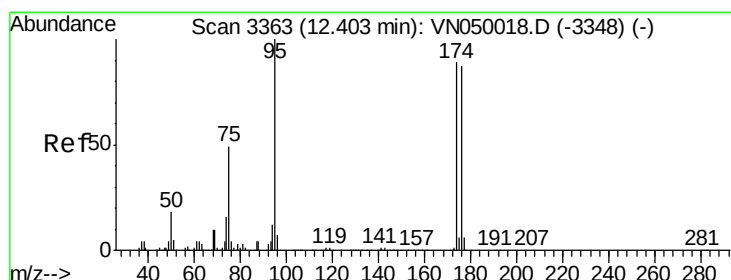
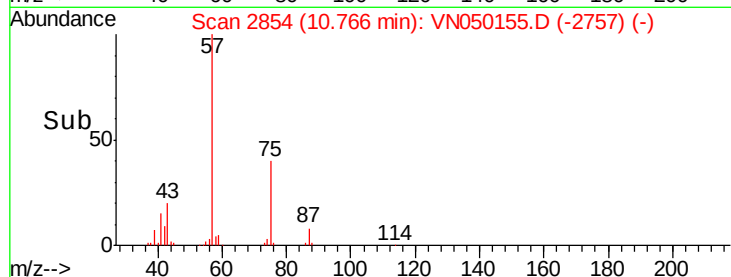
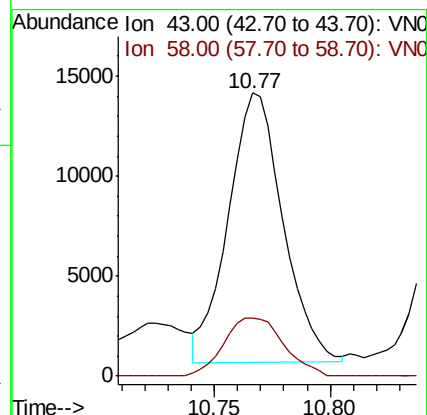
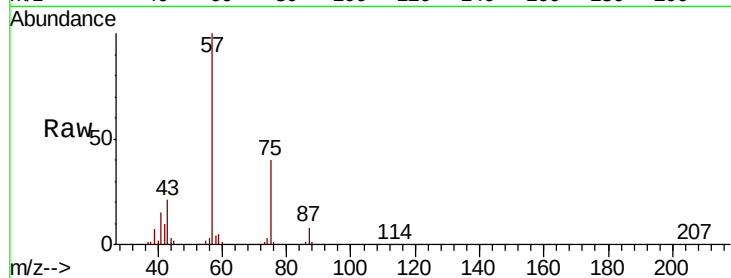
TP-12-S

Tot Ion: 43 Resp: 22116

Ion Ratio Lower Upper

43 100

58 23.7 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 40.047 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050155.D

Acq: 28 Jul 2018 1:46

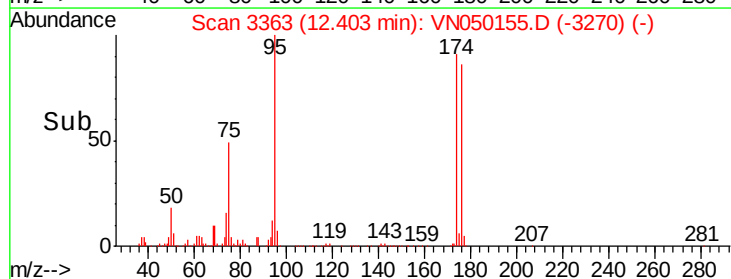
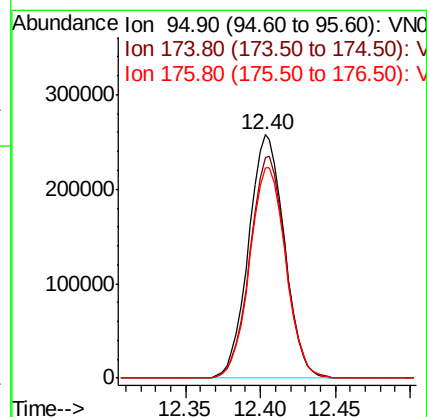
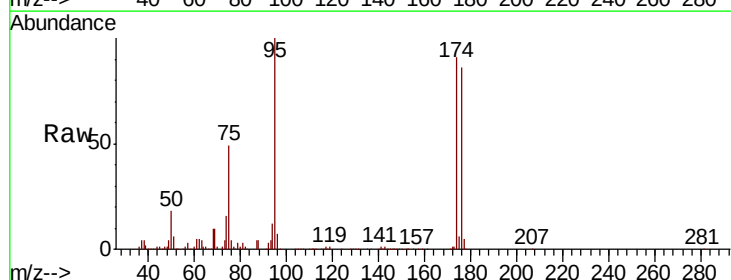
Tgt Ion: 95 Resp: 429321

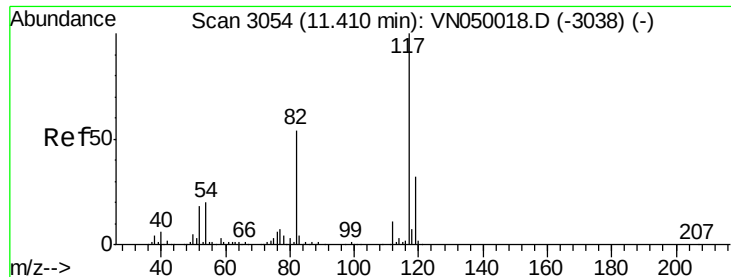
Ion Ratio Lower Upper

95 100

174 90.9 0.0 178.2

176 87.2 0.0 173.4

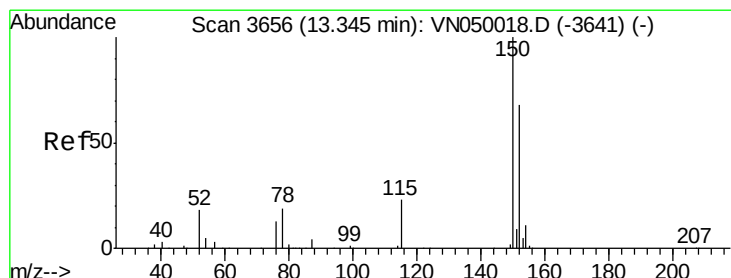
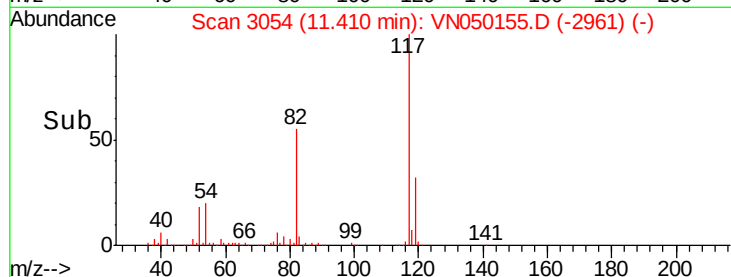
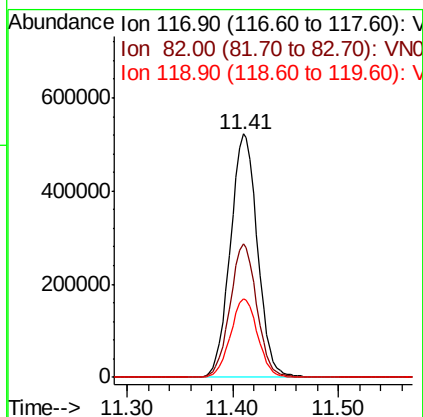
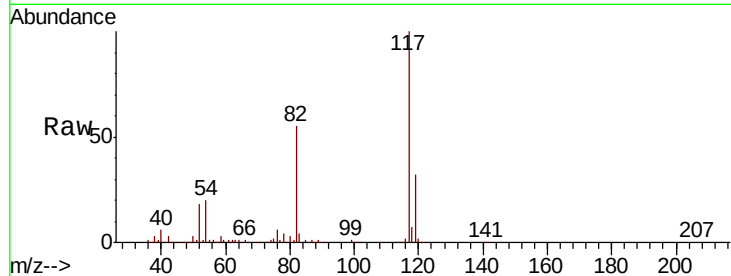




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

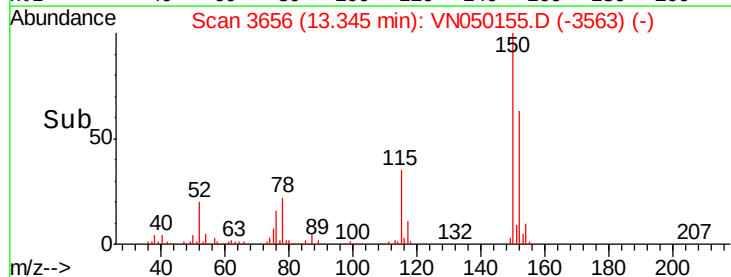
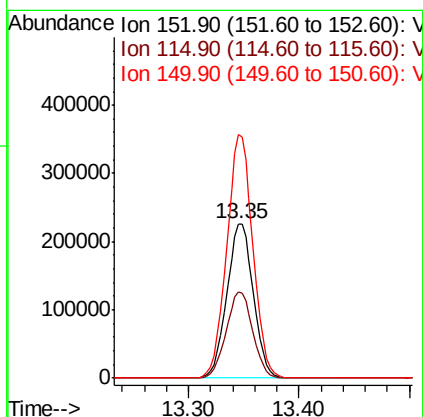
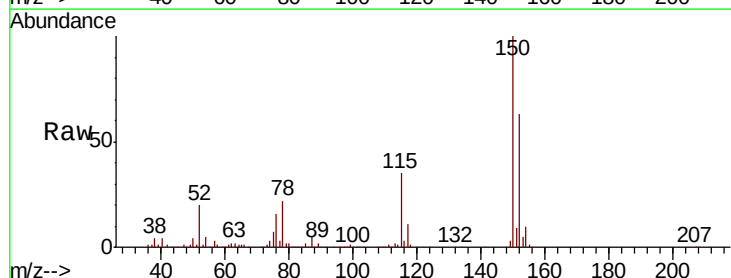
Instrument :
MSVOA_N
ClientSampleId :
TP-12-S

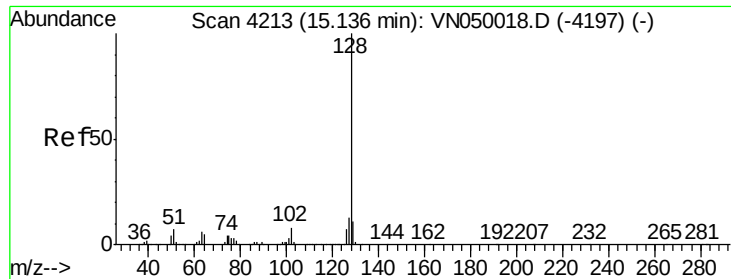
Tot Ion:117 Resp: 927382
Ion Ratio Lower Upper
117 100
82 54.9 43.7 65.5
119 32.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion:152 Resp: 374713
Ion Ratio Lower Upper
152 100
115 56.1 27.8 83.3
150 155.2 0.0 348.6

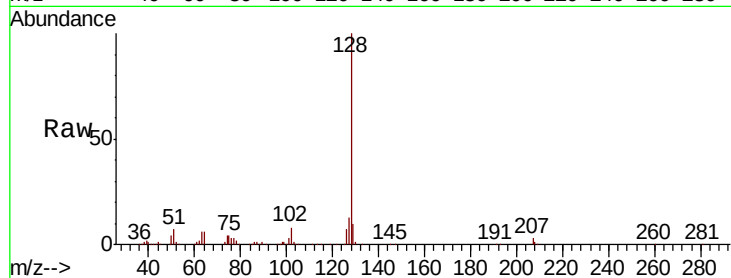




#95
 Naphthalene
 Concen: 16.143 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050155.D
 Acq: 28 Jul 2018 1:46

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-12-S

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.5	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

