

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050174.D
 Acq On : 28 Jul 2018 10:25
 Operator : MD\SY
 Sample : J4189-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-14-D

Quant Time: Jul 30 10:25:59 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

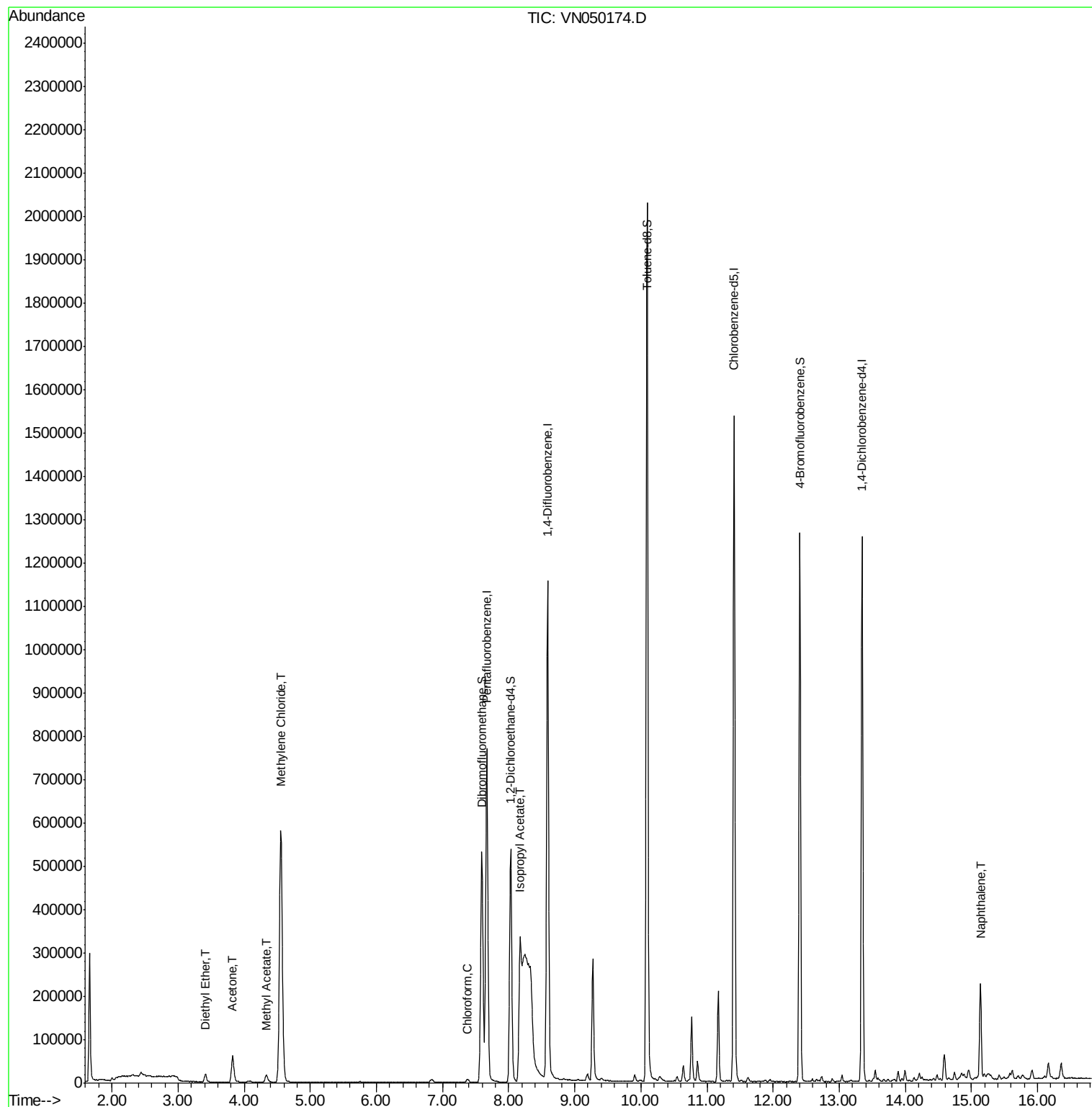
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	654724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1082374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	934337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	354472	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	461744	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
35) Dibromofluoromethane	7.59	113	411674	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
50) Toluene-d8	10.09	98	1479977	45.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.10%	
62) 4-Bromofluorobenzene	12.40	95	429338	40.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.26%	
Target Compounds						
8) Diethyl Ether	3.41	74	9756	2.098	ug/l	99
16) Acetone	3.82	43	98496	42.166	ug/l	100
18) Methyl Acetate	4.34	43	32528	2.333	ug/l	98
20) Methylene Chloride	4.55	84	458975	56.839	ug/l	99
30) Chloroform	7.38	83	7500	0.484	ug/l	94
43) Isopropyl Acetate	8.17	43	457590	28.061	ug/l #	84
95) Naphthalene	15.14	128	200907	15.730	ug/l	100

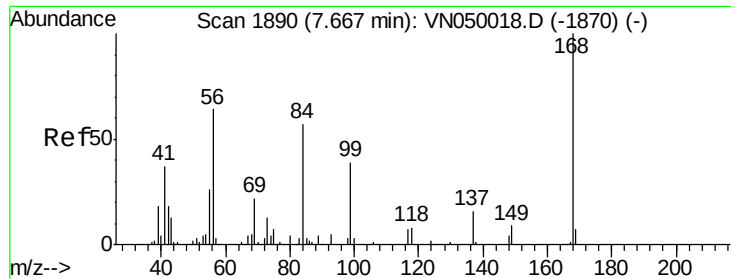
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050174.D

Acq: 28 Jul 2018 10:25

Instrument :

MSVOA_N

ClientSampled :

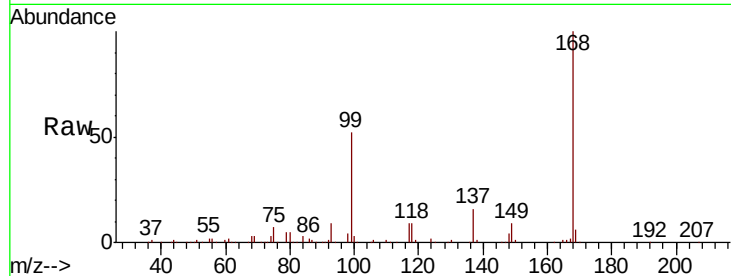
TP-14-D

Tot Ion:168 Resp: 654724

Ion Ratio Lower Upper

168 100

99 51.7 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

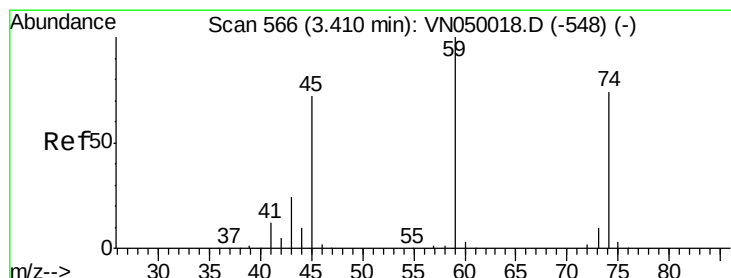
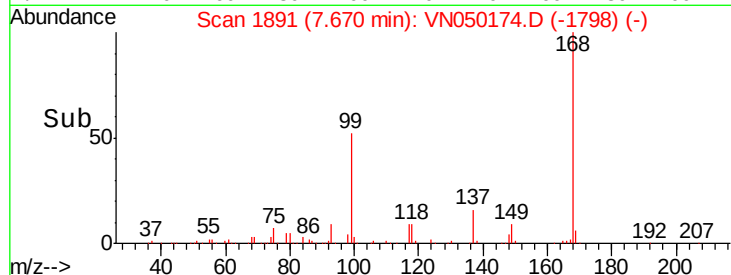
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.098 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN050174.D

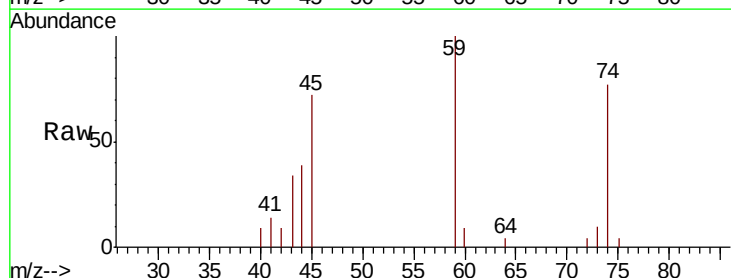
Acq: 28 Jul 2018 10:25

Tgt Ion: 74 Resp: 9756

Ion Ratio Lower Upper

74 100

45 94.5 47.6 142.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.41

5000

4000

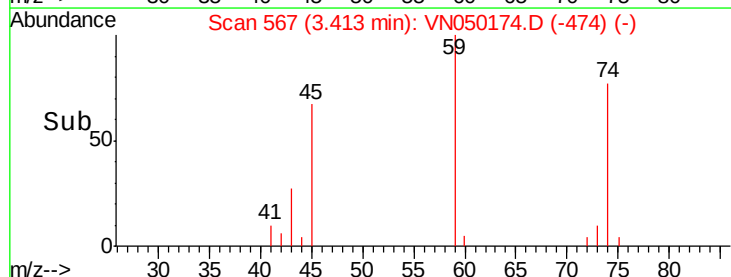
3000

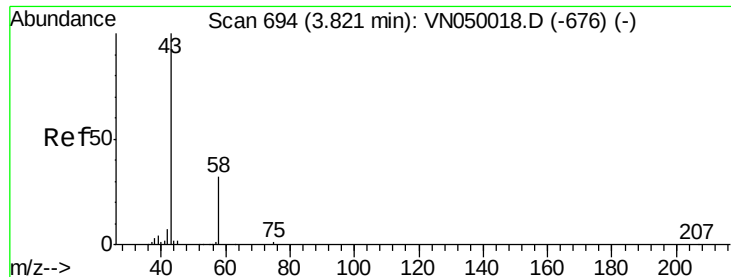
2000

1000

0

Time-->





#16

Acetone

Concen: 42.166 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050174.D

Acq: 28 Jul 2018 10:25

Instrument :

MSVOA_N

ClientSampleId :

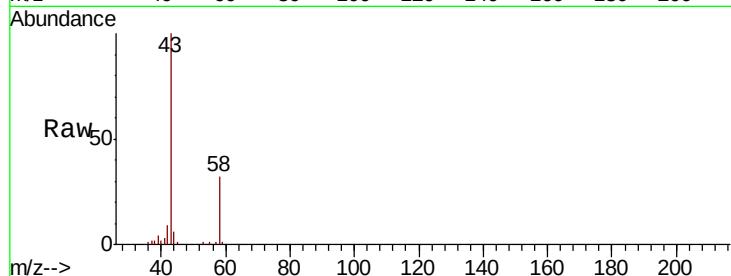
TP-14-D

Tot Ion: 43 Resp: 98496

Ion Ratio Lower Upper

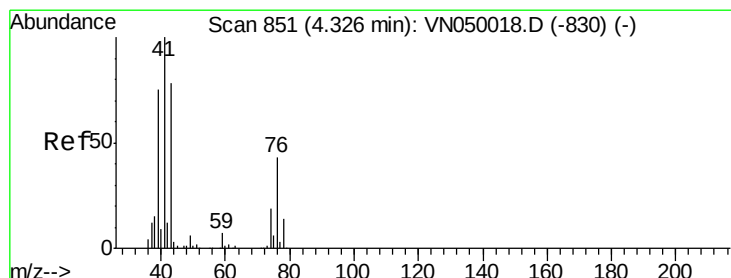
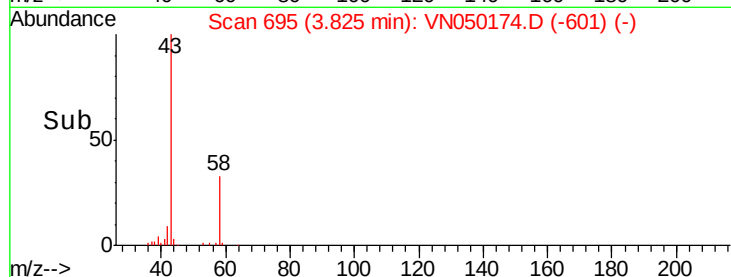
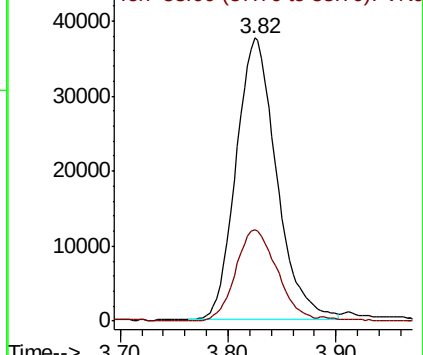
43 100

58 32.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 2.333 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.00 min

Lab File: VN050174.D

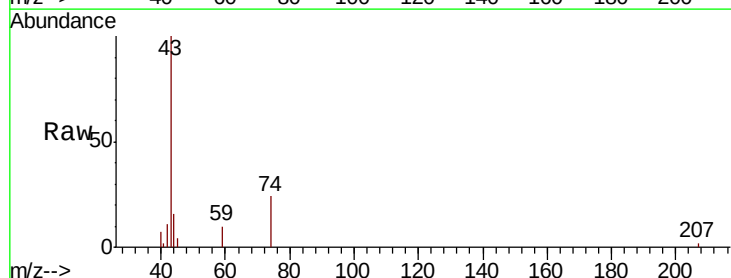
Acq: 28 Jul 2018 10:25

Tgt Ion: 43 Resp: 32528

Ion Ratio Lower Upper

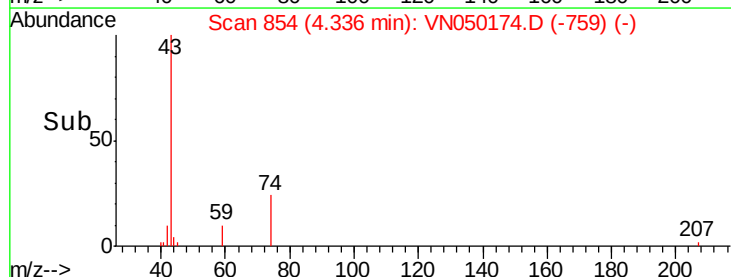
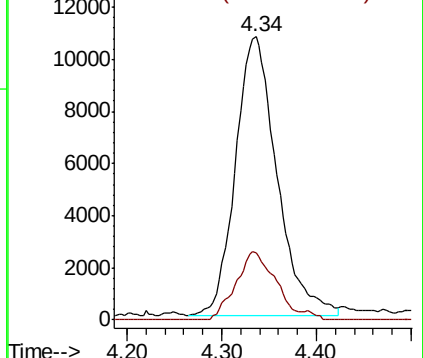
43 100

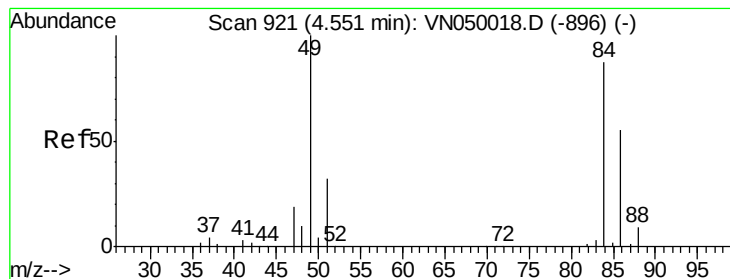
74 23.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methylene Chloride

Concen: 56.839 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050174.D

Acq: 28 Jul 2018 10:25

Instrument :

MSVOA_N

ClientSampled :

TP-14-D

Tot Ion: 84 Resp: 458975

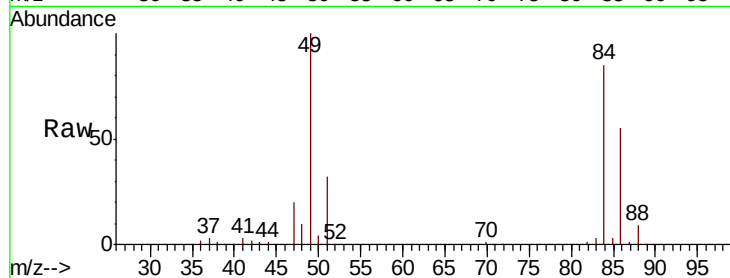
Ion Ratio Lower Upper

84 100

49 118.0 94.8 142.2

51 37.4 28.3 42.5

86 65.3 51.0 76.6

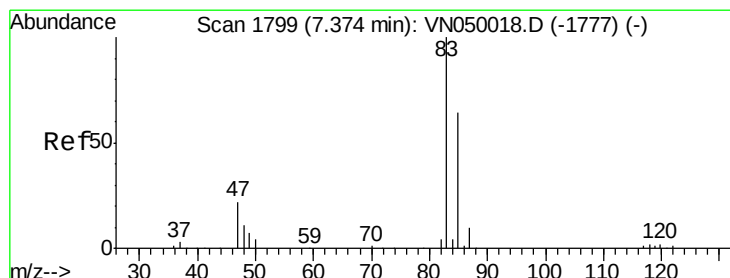
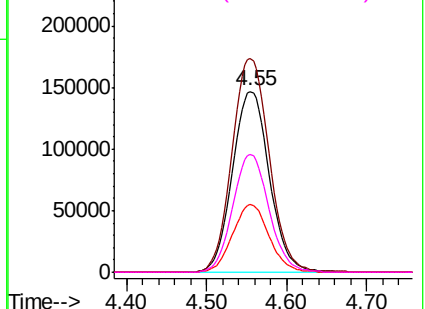
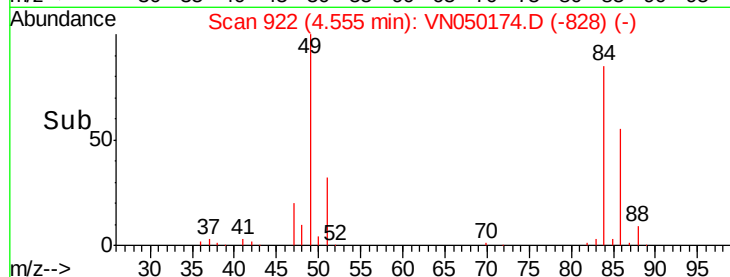


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#30

Chloroform

Concen: 0.484 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN050174.D

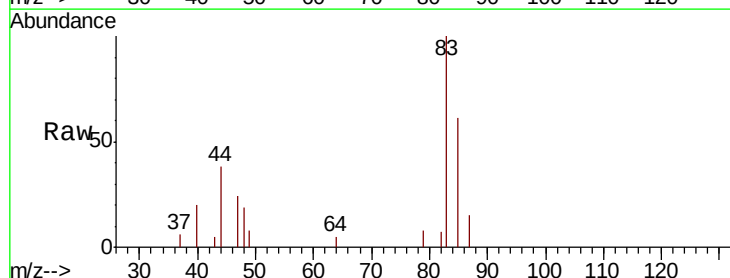
Acq: 28 Jul 2018 10:25

Tgt Ion: 83 Resp: 7500

Ion Ratio Lower Upper

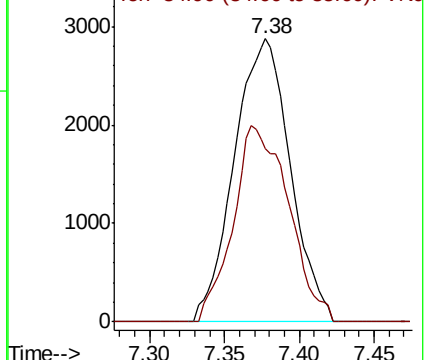
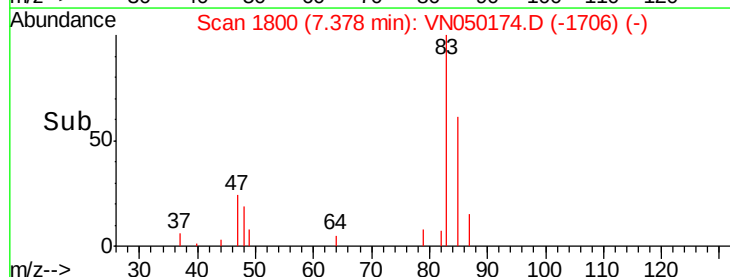
83 100

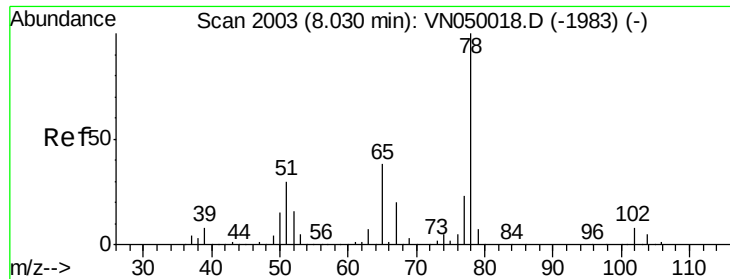
85 61.0 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

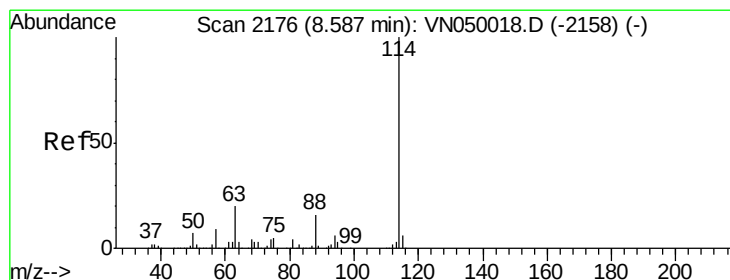
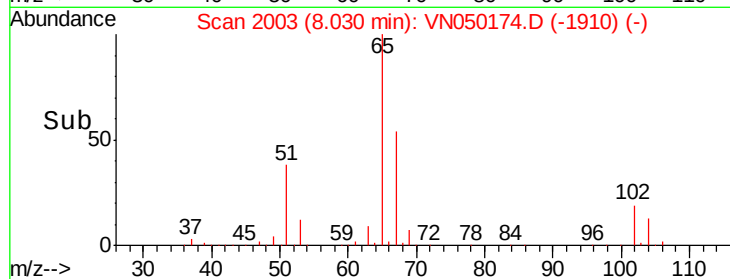
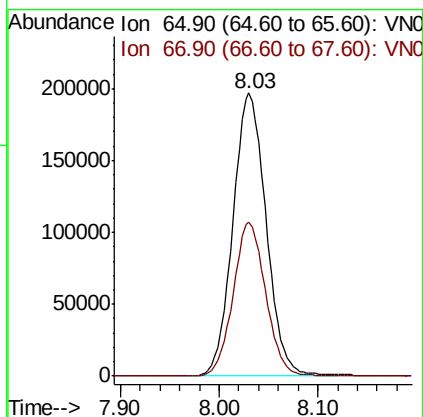
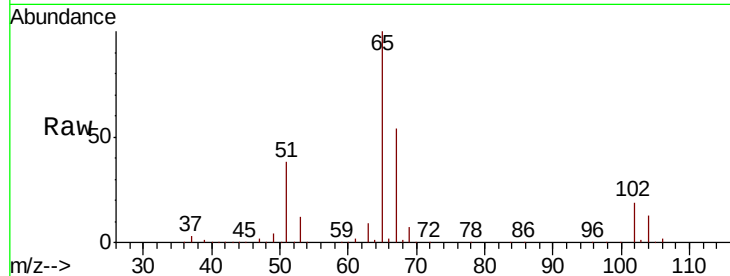




#33
 1,2-Dichloroethane-d4
 Concen: 50.547 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050174.D
 Acq: 28 Jul 2018 10:25

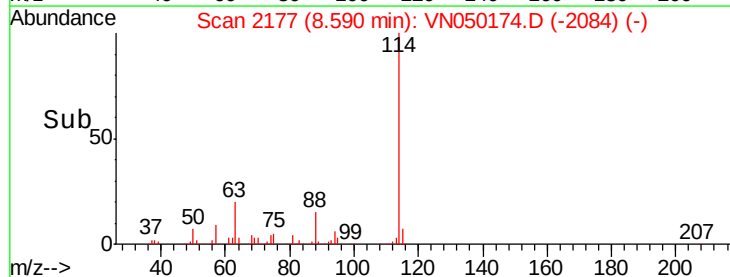
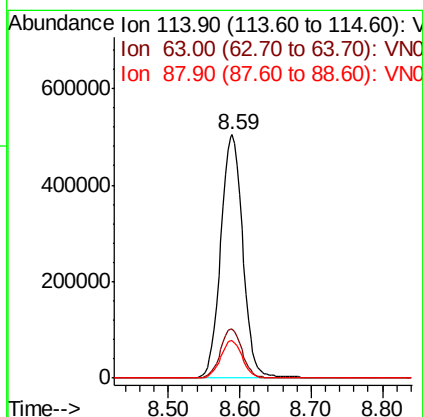
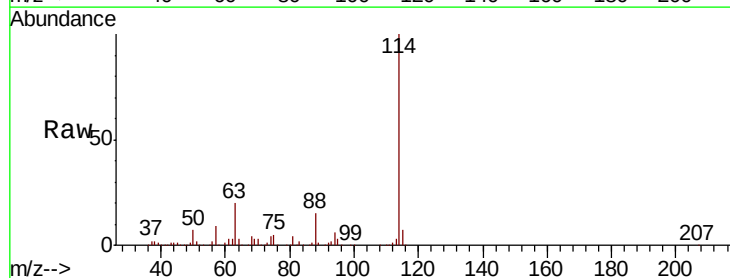
Instrument :
 MSVOA_N
 ClientSampled :
 TP-14-D

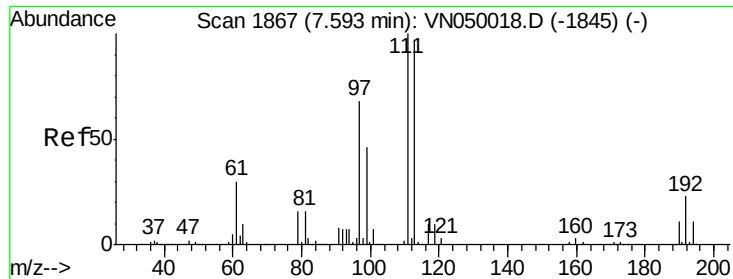
Tot Ion: 65 Resp: 461744
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050174.D
 Acq: 28 Jul 2018 10:25

Tgt Ion: 114 Resp: 1082374
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 15.5 0.0 31.2

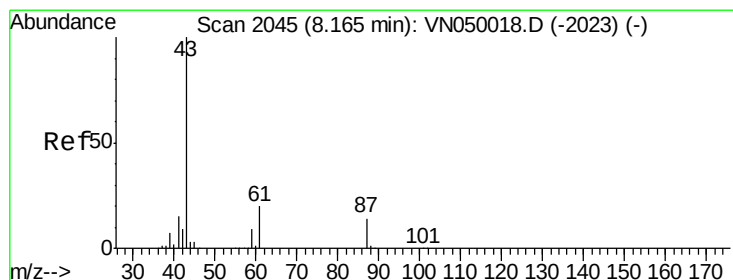
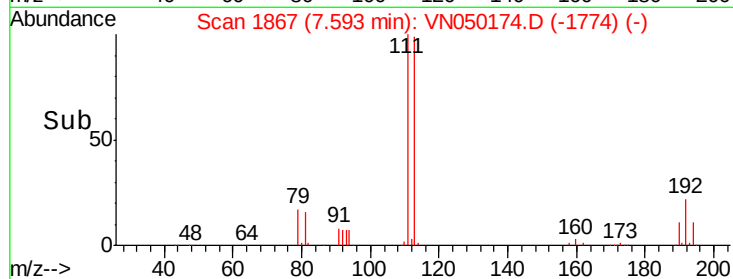
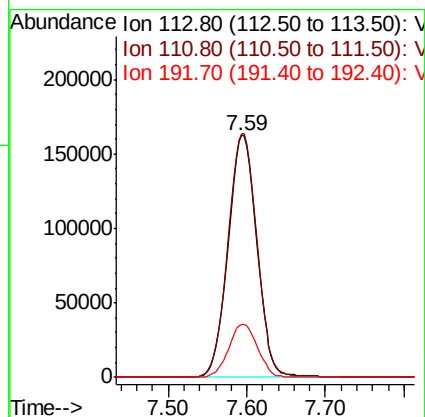
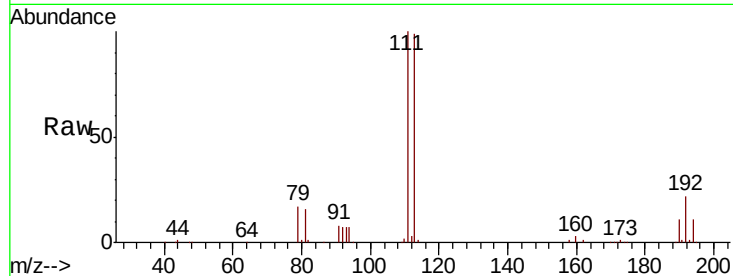




#35
 Dibromofluoromethane
 Concen: 46.584 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050174.D
 Acq: 28 Jul 2018 10:25

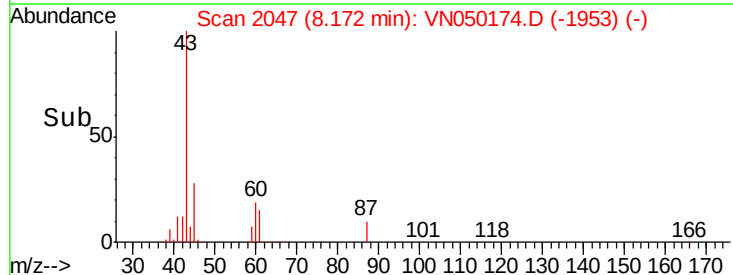
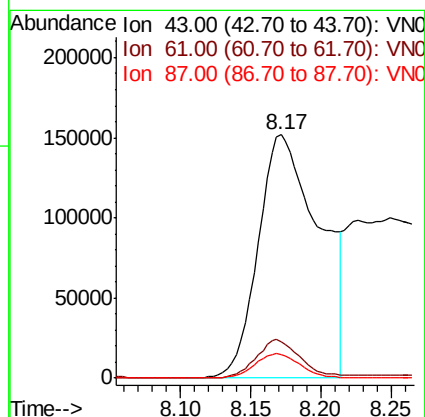
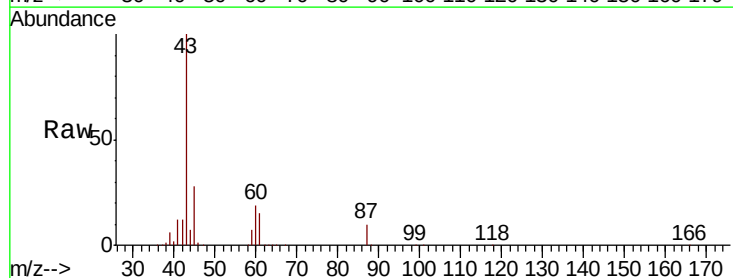
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-14-D

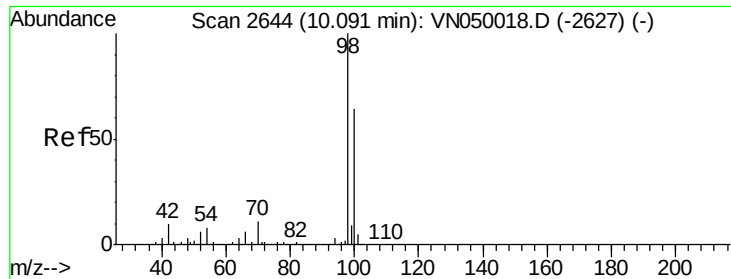
Tot Ion:113 Resp: 411674
 Ion Ratio Lower Upper
 113 100
 111 101.7 80.7 121.1
 192 22.0 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 28.061 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050174.D
 Acq: 28 Jul 2018 10:25

Tgt Ion: 43 Resp: 457590
 Ion Ratio Lower Upper
 43 100
 61 11.9 15.8 23.6#
 87 7.5 10.3 15.5#

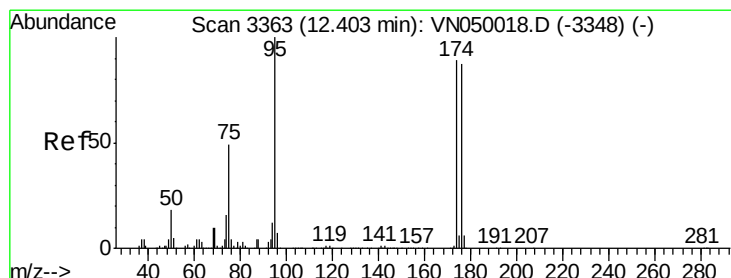
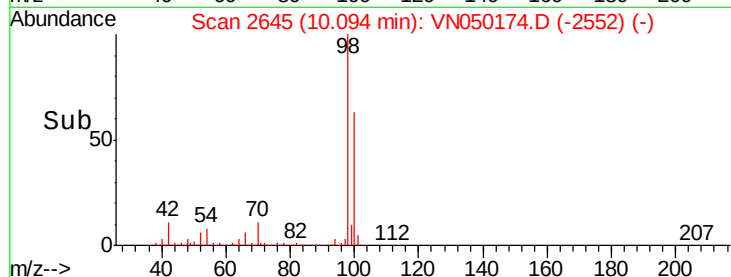
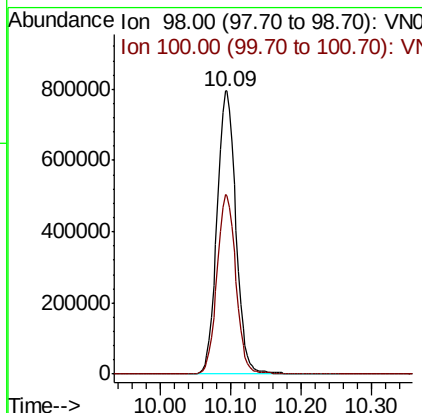
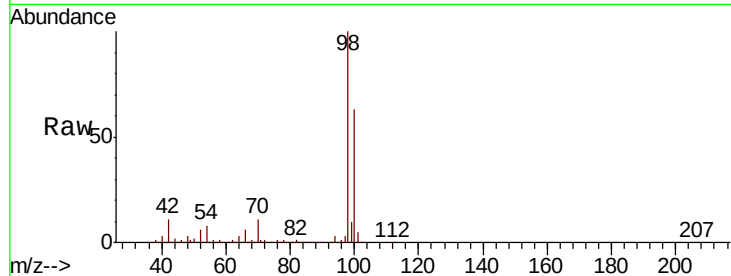




#50
Toluene-d8
Concen: 45.552 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050174.D
Acq: 28 Jul 2018 10:25

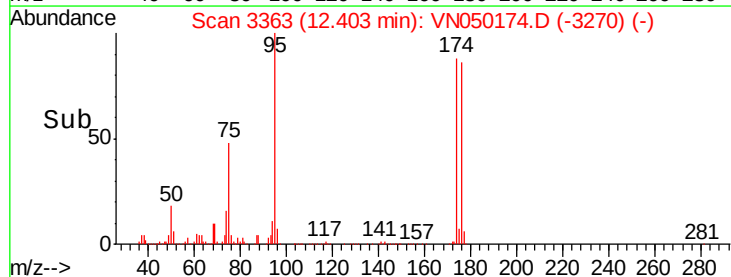
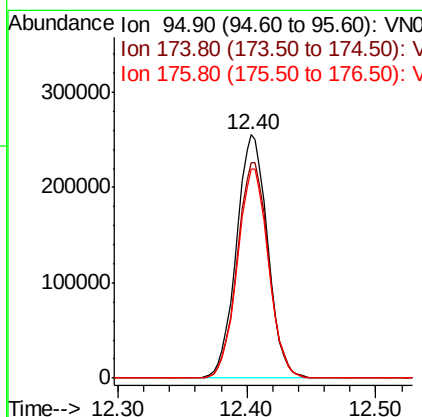
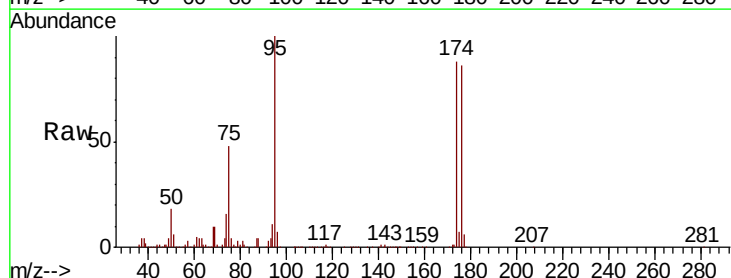
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MSVOA_N
ClientSampleId :
TP-14-D

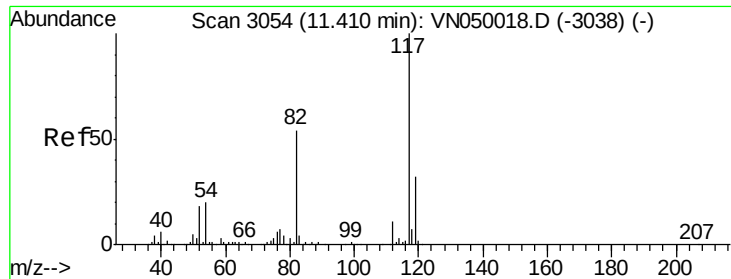
Tot Ion: 98 Resp: 1479977
Ion Ratio Lower Upper
98 100
100 63.7 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 40.133 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050174.D
Acq: 28 Jul 2018 10:25

Tgt Ion: 95 Resp: 429338
Ion Ratio Lower Upper
95 100
174 89.3 0.0 178.2
176 85.8 0.0 173.4

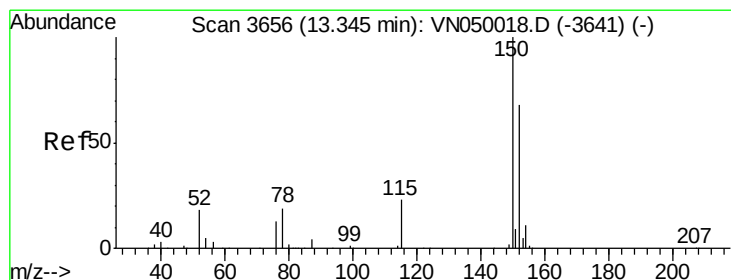
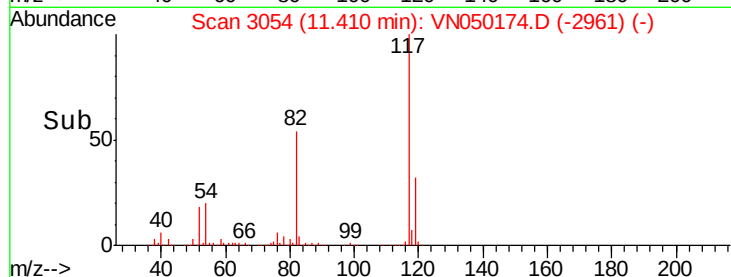
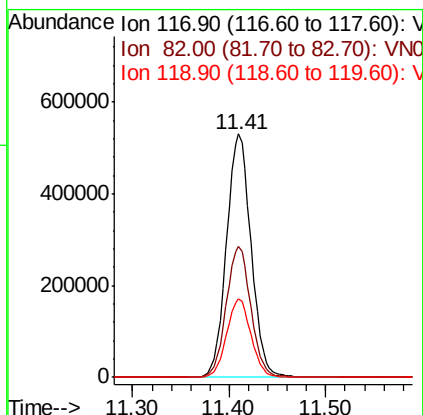
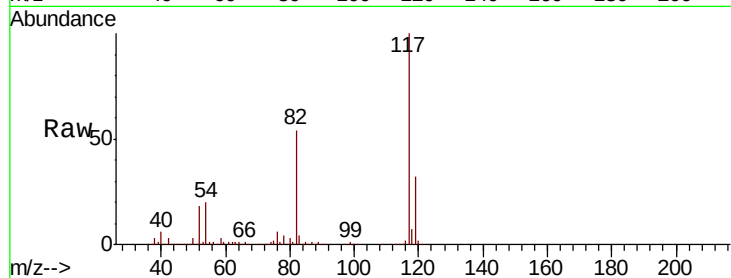




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050174.D
Acq: 28 Jul 2018 10:25

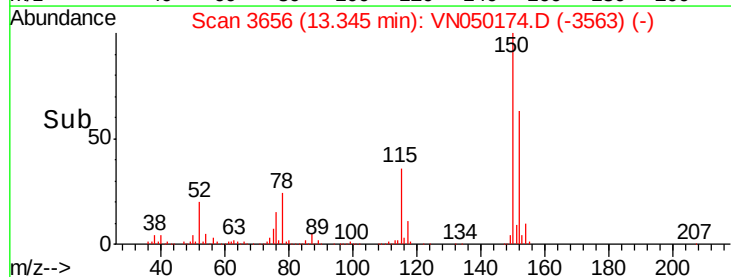
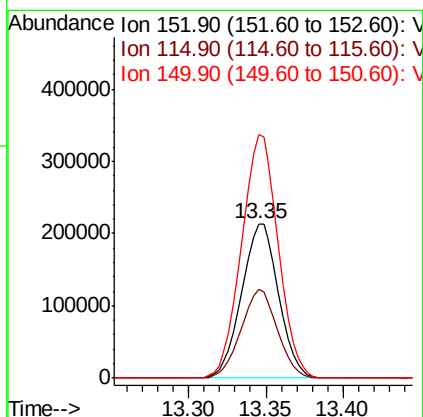
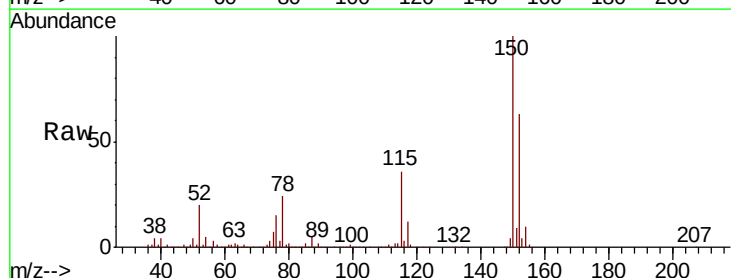
Instrument :
MSVOA_N
ClientSampleId :
TP-14-D

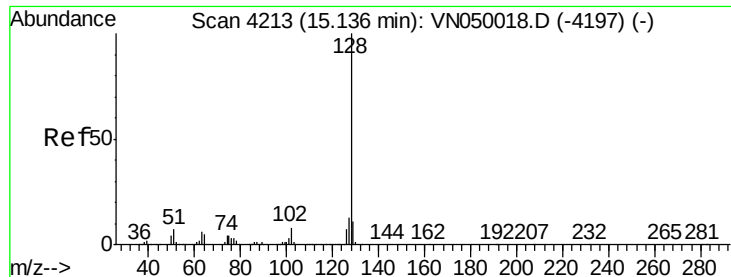
Tot Ion:117 Resp: 934337
Ion Ratio Lower Upper
117 100
82 54.1 43.7 65.5
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050174.D
Acq: 28 Jul 2018 10:25

Tgt Ion:152 Resp: 354472
Ion Ratio Lower Upper
152 100
115 56.7 27.8 83.3
150 156.9 0.0 348.6





#95
Naphthalene
Concen: 15.730 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050174.D
Acq: 28 Jul 2018 10:25

Instrument :
MSVOA_N
ClientSampleId :
TP-14-D

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.8	8.8	13.2

