

Data File : VN051501.D
Acq On : 25 Sep 2018 22:50
Operator : MD\SY
Sample : J5065-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MH-128

Quant Time: Oct 05 04:07:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	654863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	971177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	791529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	306704	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	430597	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
35) Dibromofluoromethane	7.59	113	385869	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	10.09	98	1393615	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
62) 4-Bromofluorobenzene	12.40	95	391407	41.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.74%	

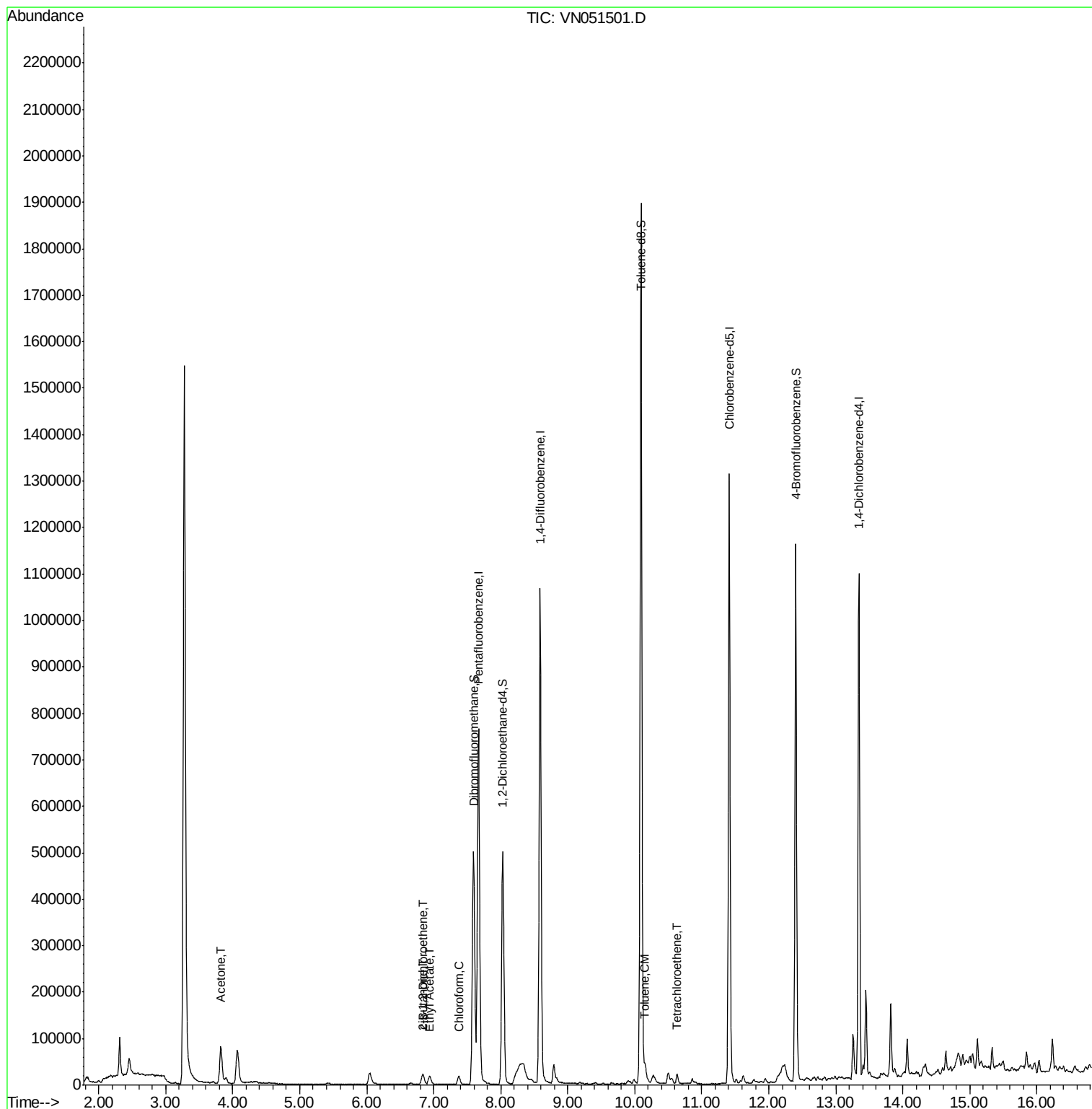
Target Compounds				Qvalue		
16) Acetone	3.82	43	134229	54.852	ug/l	95
25) 2-Butanone	6.85	43	10018	3.568	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	11169	1.366	ug/l	94
30) Chloroform	7.37	83	20626	1.476	ug/l	95
37) Ethyl Acetate	6.93	43	30678	4.744	ug/l #	87
52) Toluene	10.16	92	11001	0.536	ug/l	87
64) Tetrachloroethene	10.63	164	4737	0.659	ug/l	93

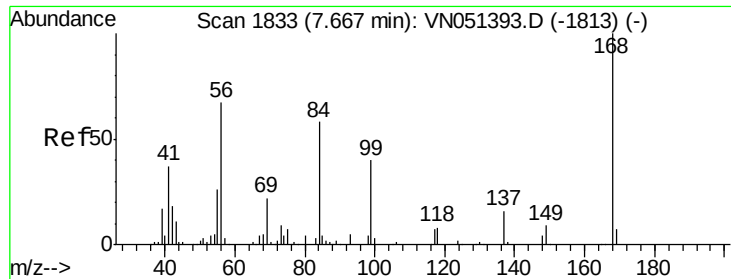
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051501.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_N

ClientSampled :

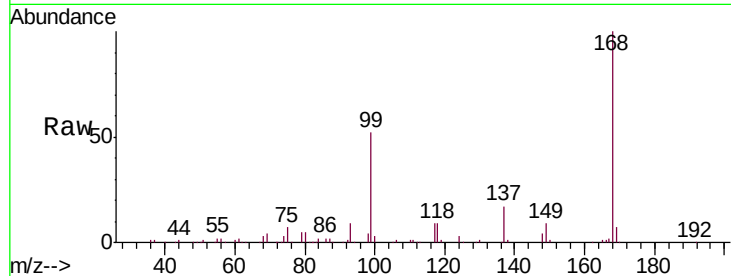
MH-128

Tgt Ion:168 Resp: 654863

Ion Ratio Lower Upper

168 100

99 52.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN051393.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051393.D (-1813) (-)

7.67

300000

250000

200000

150000

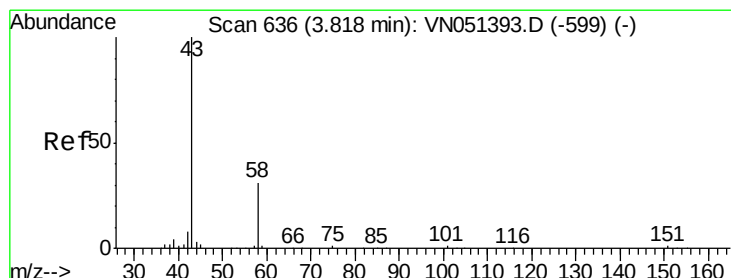
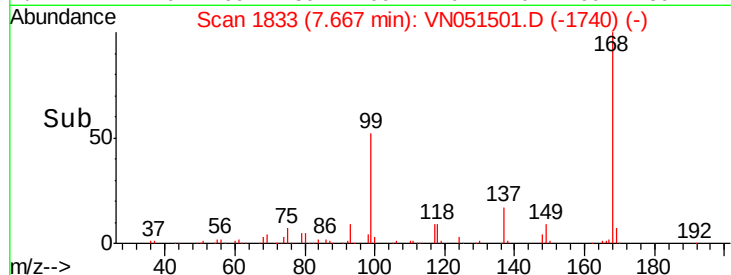
100000

50000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 54.852 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051501.D

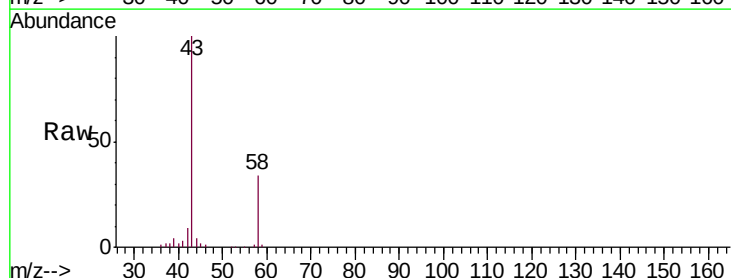
Acq: 25 Sep 2018 22:50

Tgt Ion: 43 Resp: 134229

Ion Ratio Lower Upper

43 100

58 33.9 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN051393.D (-599) (-)

3.82

60000

50000

40000

30000

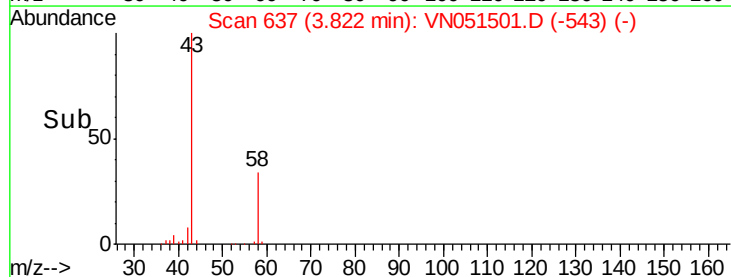
20000

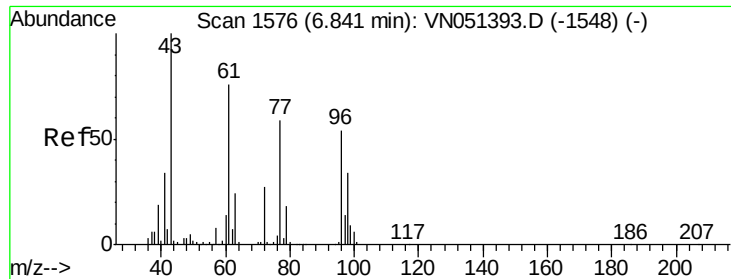
10000

0

3.70 3.80 3.90

Time-->

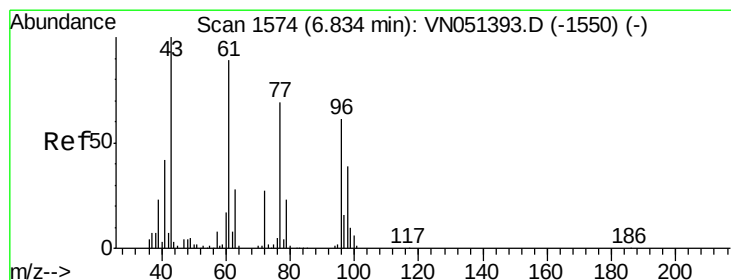
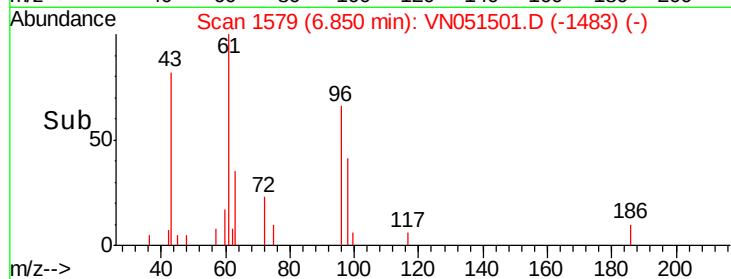
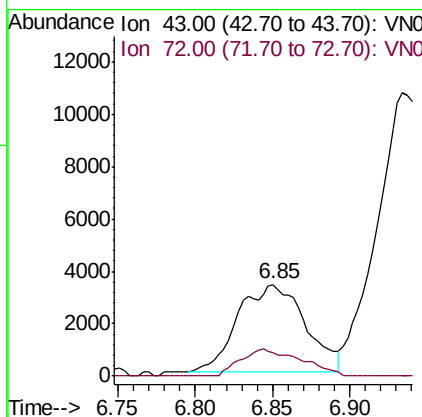
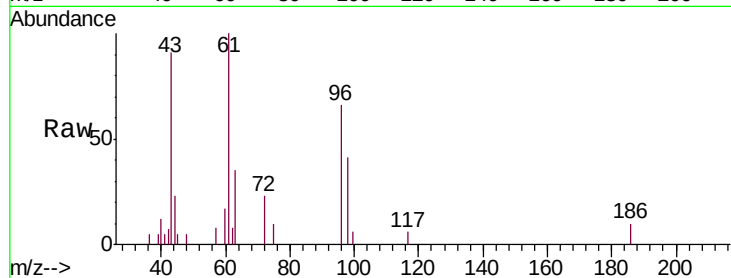




#25
 2-Butanone
 Concen: 3.568 ug/l
 RT: 6.85 min Scan# 1579
 Delta R.T. 0.01 min
 Lab File: VN051501.D
 Acq: 25 Sep 2018 22:50

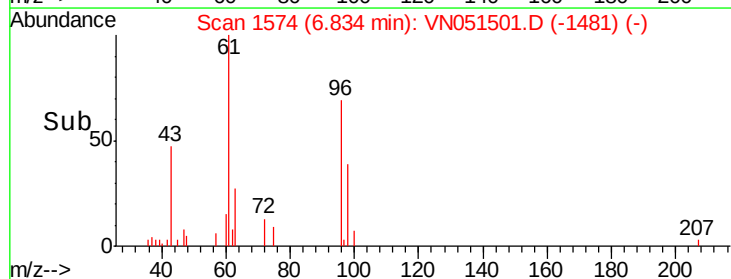
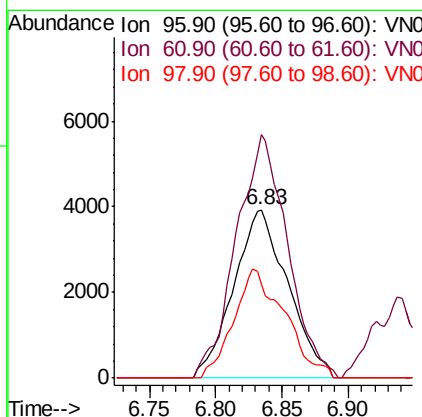
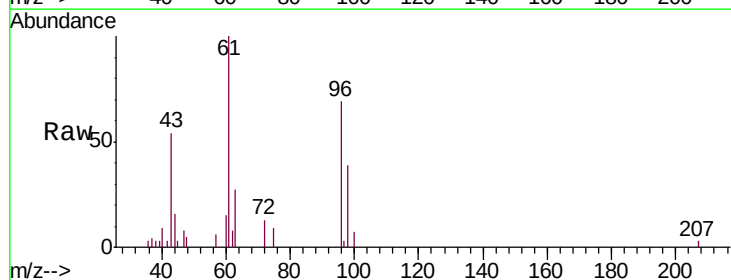
Instrument :
 MSVOA_N
 ClientSampled :
 MH-128

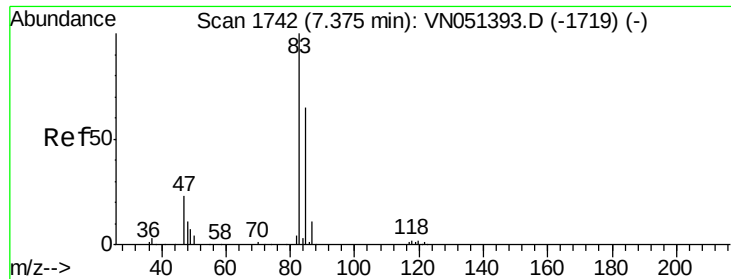
Tgt Ion: 43 Resp: 10018
 Ion Ratio Lower Upper
 43 100
 72 26.4 21.8 32.6



#27
 cis-1,2-Dichloroethene
 Concen: 1.366 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN051501.D
 Acq: 25 Sep 2018 22:50

Tgt Ion: 96 Resp: 11169
 Ion Ratio Lower Upper
 96 100
 61 136.7 0.0 291.4
 98 60.9 0.0 128.4

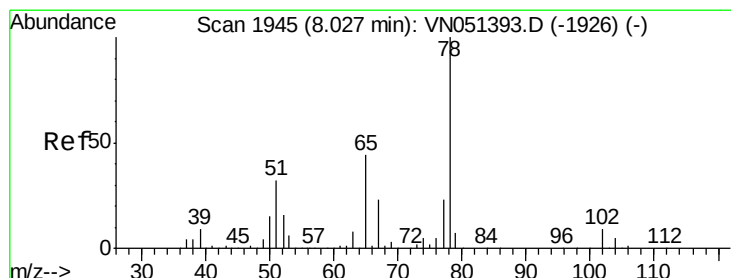
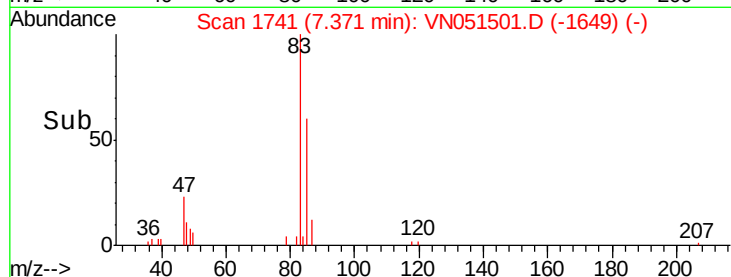
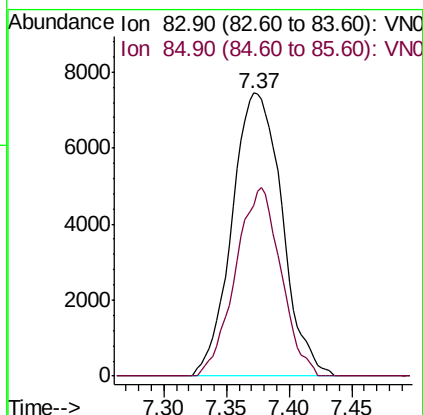
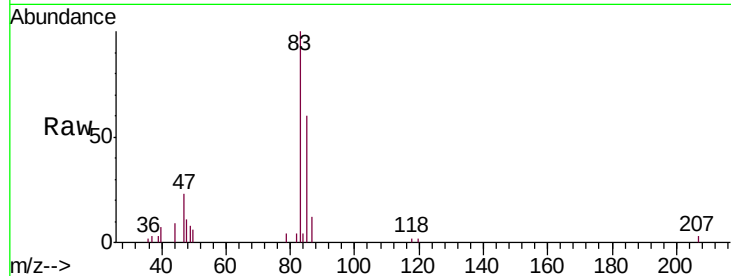




#30
Chloroform
Concen: 1.476 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051501.D
Acq: 25 Sep 2018 22:50

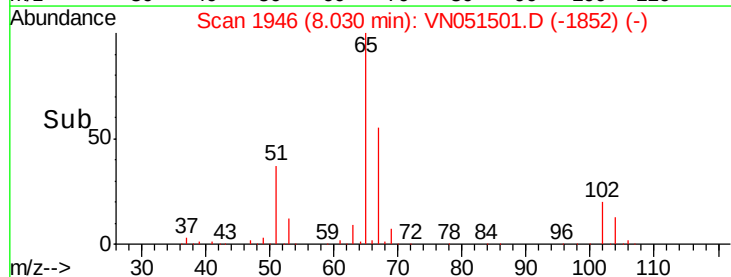
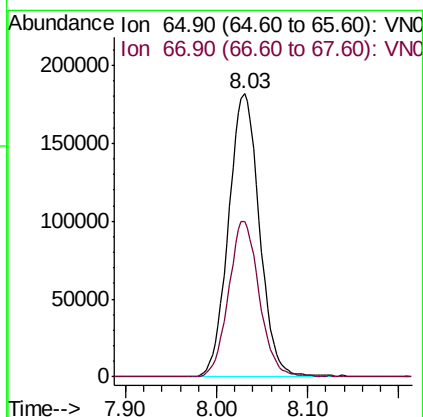
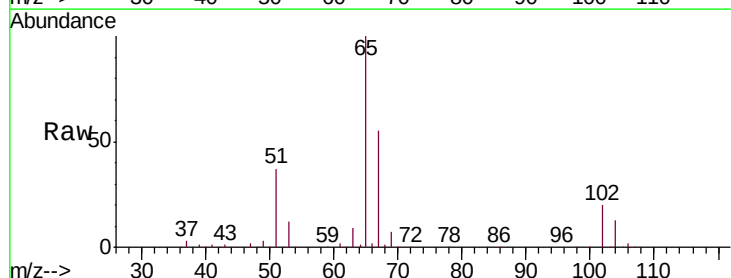
Instrument :
MSVOA_N
ClientSampled :
MH-128

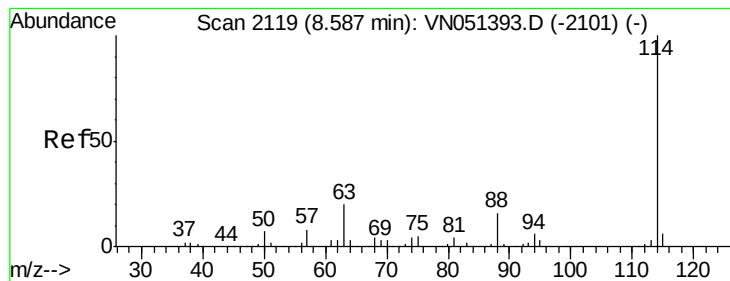
Tgt Ion: 83 Resp: 20626
Ion Ratio Lower Upper
83 100
85 60.4 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051501.D
Acq: 25 Sep 2018 22:50

Tgt Ion: 65 Resp: 430597
Ion Ratio Lower Upper
65 100
67 54.4 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2120

Delta R.T. 0.00 min

Lab File: VN051501.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_N

ClientSampleId :

MH-128

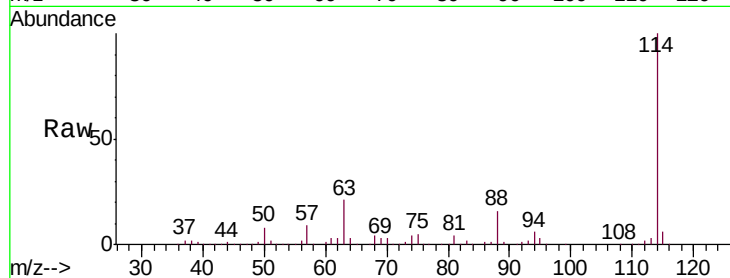
Tgt Ion:114 Resp: 971177

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

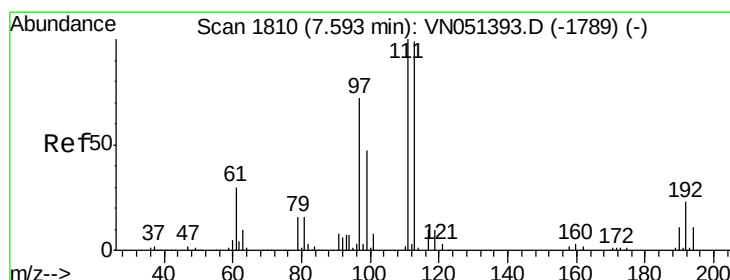
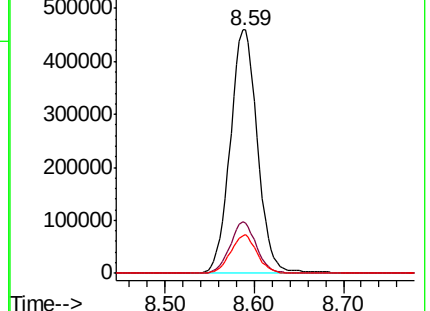
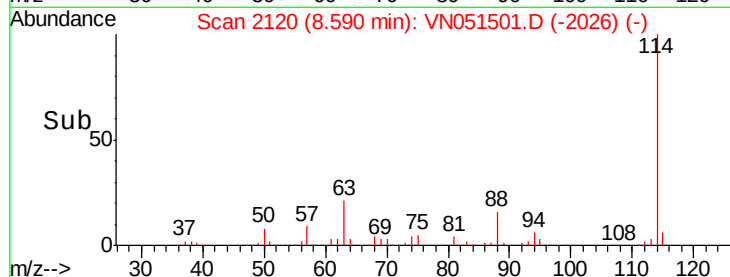
88 15.7 0.0 31.4



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: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051501.D

Acq: 25 Sep 2018 22:50

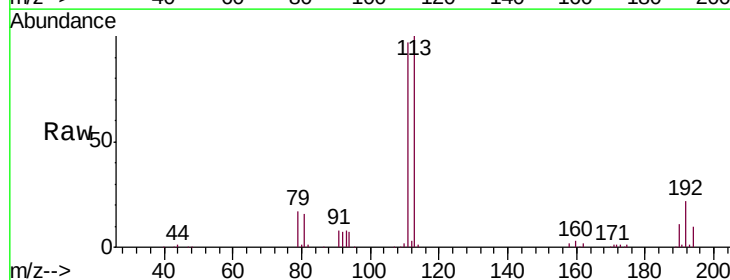
Tgt Ion:113 Resp: 385869

Ion Ratio Lower Upper

113 100

111 99.5 82.6 123.8

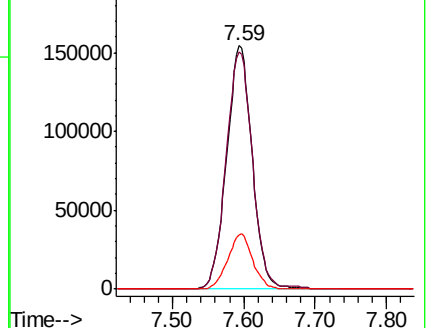
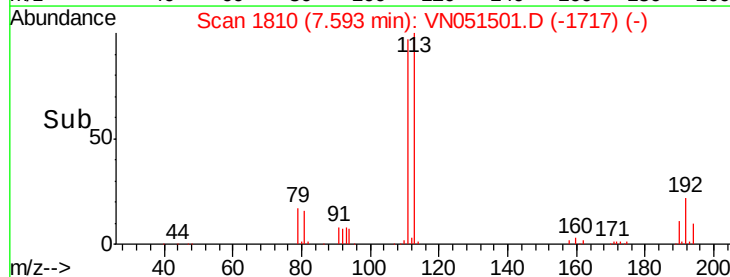
192 22.2 18.0 27.0

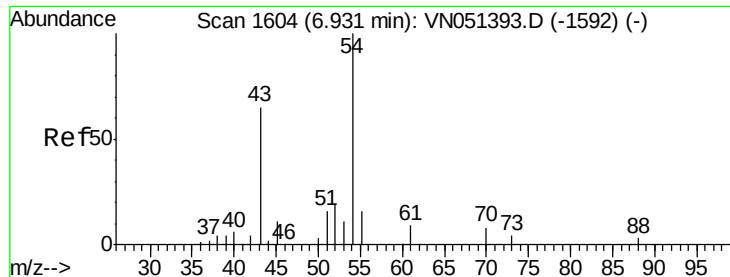


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

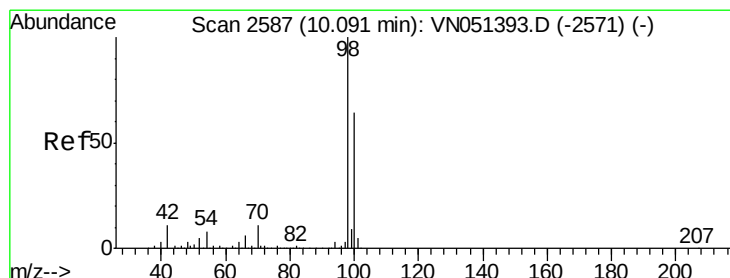
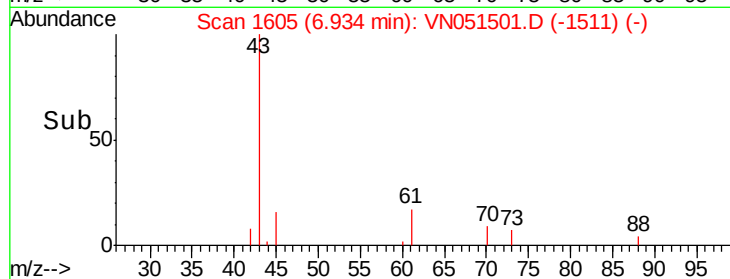
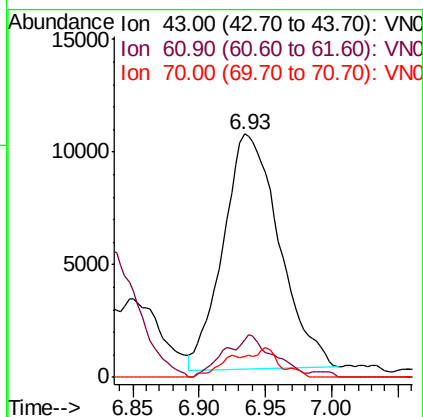
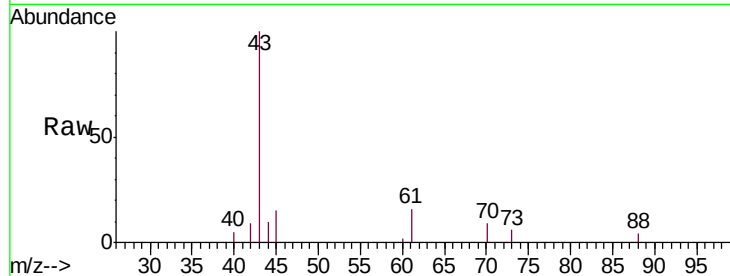




#37
Ethyl Acetate
 Concen: 4.744 ug/l
 RT: 6.93 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: VN051501.D
 Acq: 25 Sep 2018 22:50

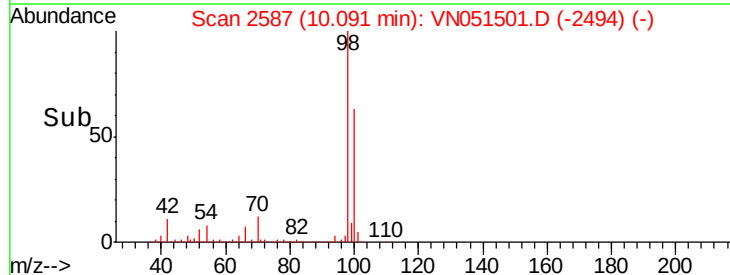
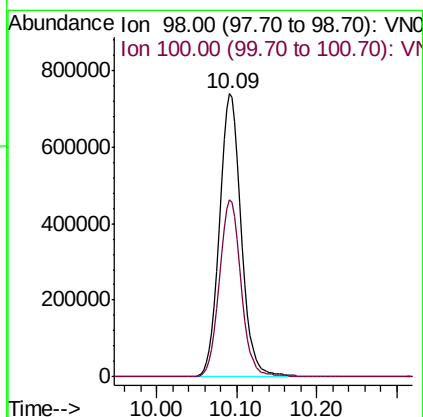
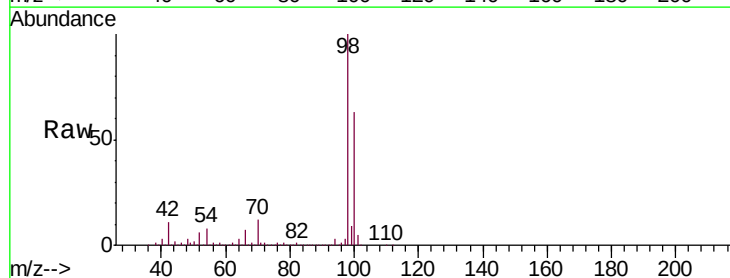
Instrument :
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 ClientSampleId :
 MH-128

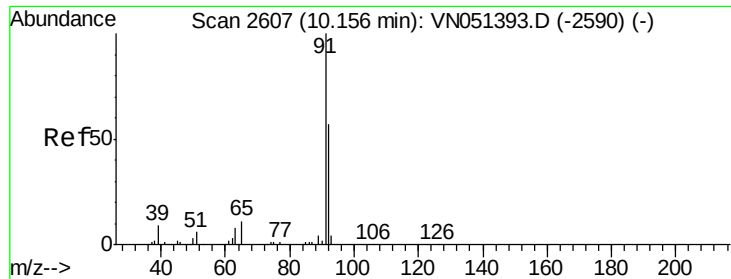
Tgt Ion: 43 Resp: 30678
 Ion Ratio Lower Upper
 43 100
 61 10.6 11.5 17.3#
 70 3.0 7.9 11.9#



#50
Toluene-d8
 Concen: N.D. ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN051501.D
 Acq: 25 Sep 2018 22:50

Tgt Ion: 98 Resp: 1393615
 Ion Ratio Lower Upper
 98 100
 100 62.6 50.6 75.8





#52

Toluene

Concen: 0.536 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051501.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_N

ClientSampled :

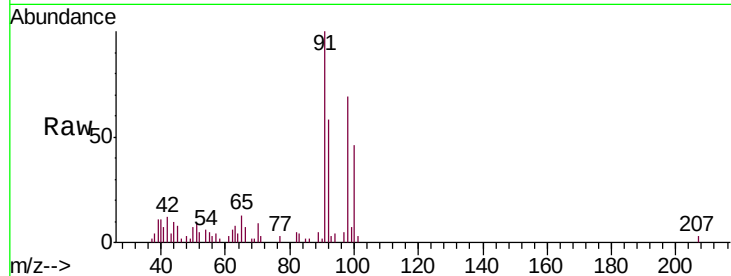
MH-128

Tgt Ion: 92 Resp: 11001

Ion Ratio Lower Upper

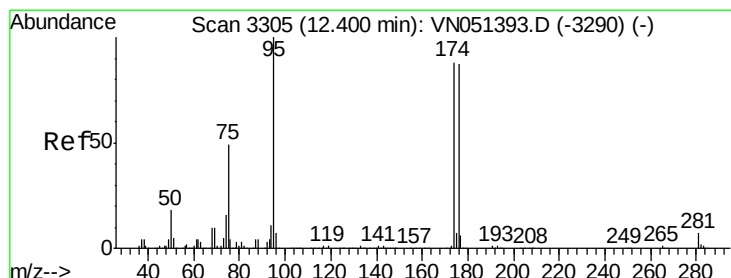
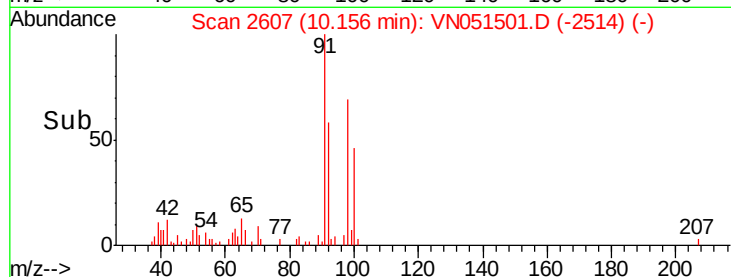
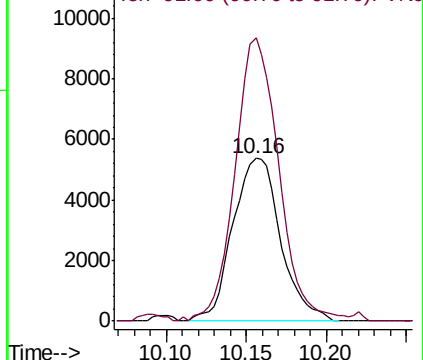
92 100

91 159.2 142.2 213.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051501.D

Acq: 25 Sep 2018 22:50

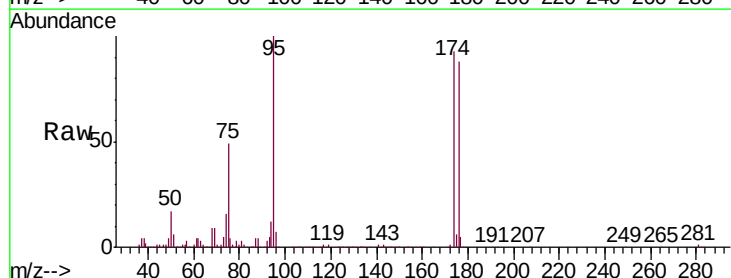
Tgt Ion: 95 Resp: 391407

Ion Ratio Lower Upper

95 100

174 90.2 0.0 181.6

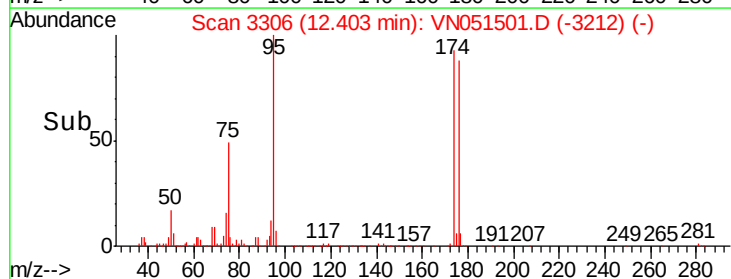
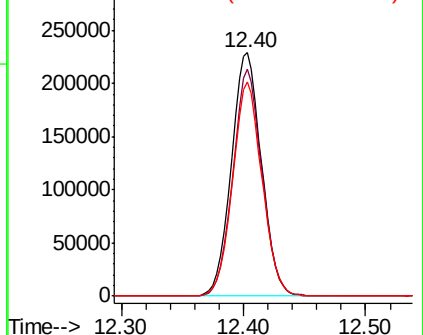
176 86.0 0.0 176.4

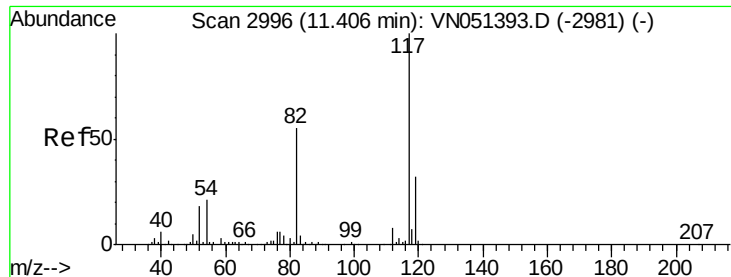


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

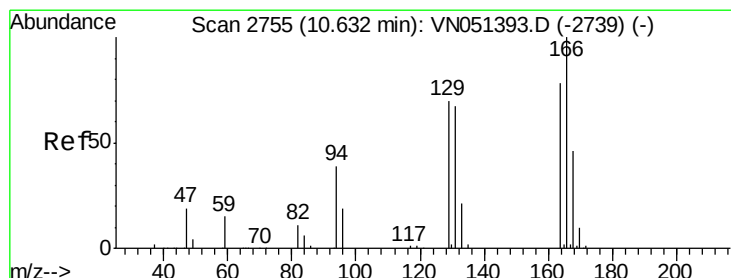
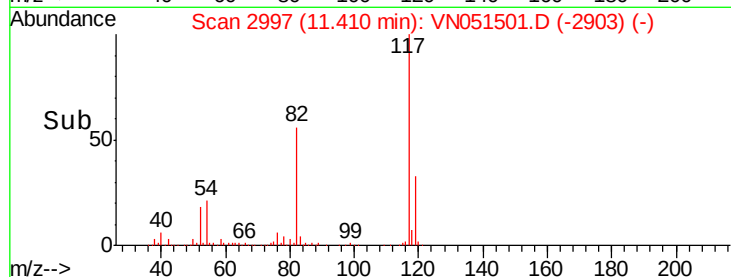
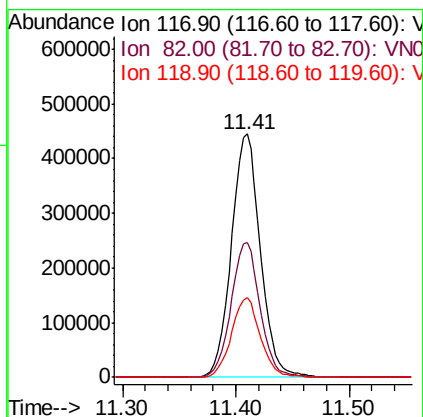
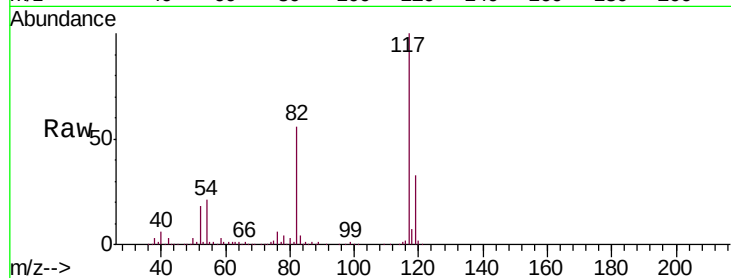




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051501.D
Acq: 25 Sep 2018 22:50

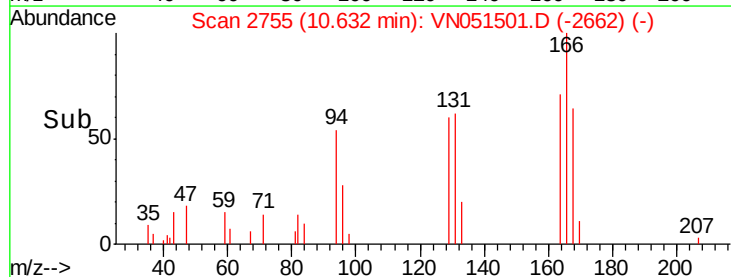
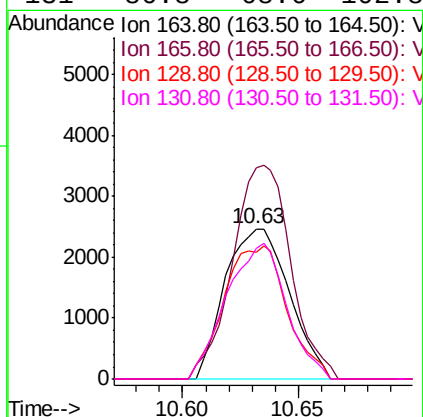
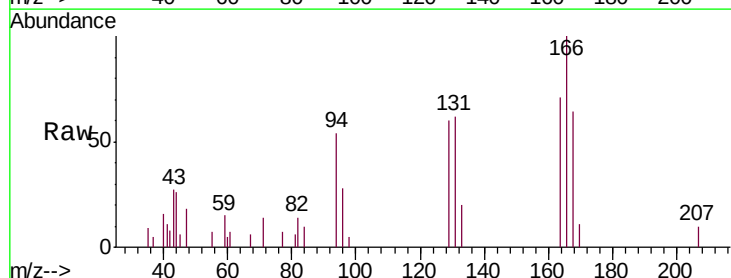
Instrument :
MSVOA_N
ClientSampled :
MH-128

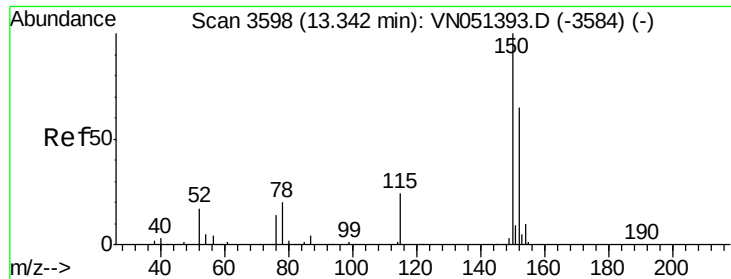
Tgt Ion:117 Resp: 791529
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 32.5 25.9 38.9



#64
Tetrachloroethene
Concen: 0.659 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN051501.D
Acq: 25 Sep 2018 22:50

Tgt Ion:164 Resp: 4737
Ion Ratio Lower Upper
164 100
166 140.5 102.3 153.5
129 84.6 71.8 107.8
131 86.8 68.6 102.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051501.D

Acq: 25 Sep 2018 22:50

Instrument :

MSVOA_N

ClientSampleId :

MH-128

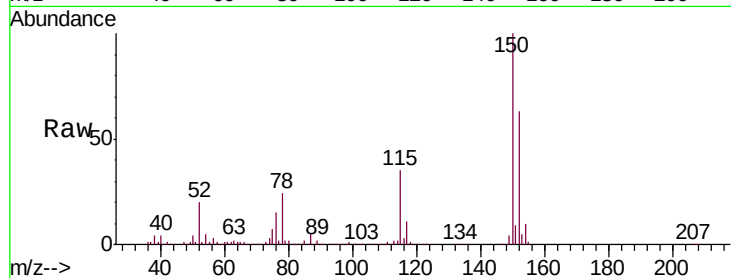
Tgt Ion:152 Resp: 306704

Ion Ratio Lower Upper

152 100

115 56.3 28.3 84.9

150 157.5 0.0 353.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

