

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031519\
 Data File : VN054317.D
 Acq On : 15 Mar 2019 18:43
 Operator : JC/SP
 Sample : K1932-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-2

Quant Time: Mar 16 04:23:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

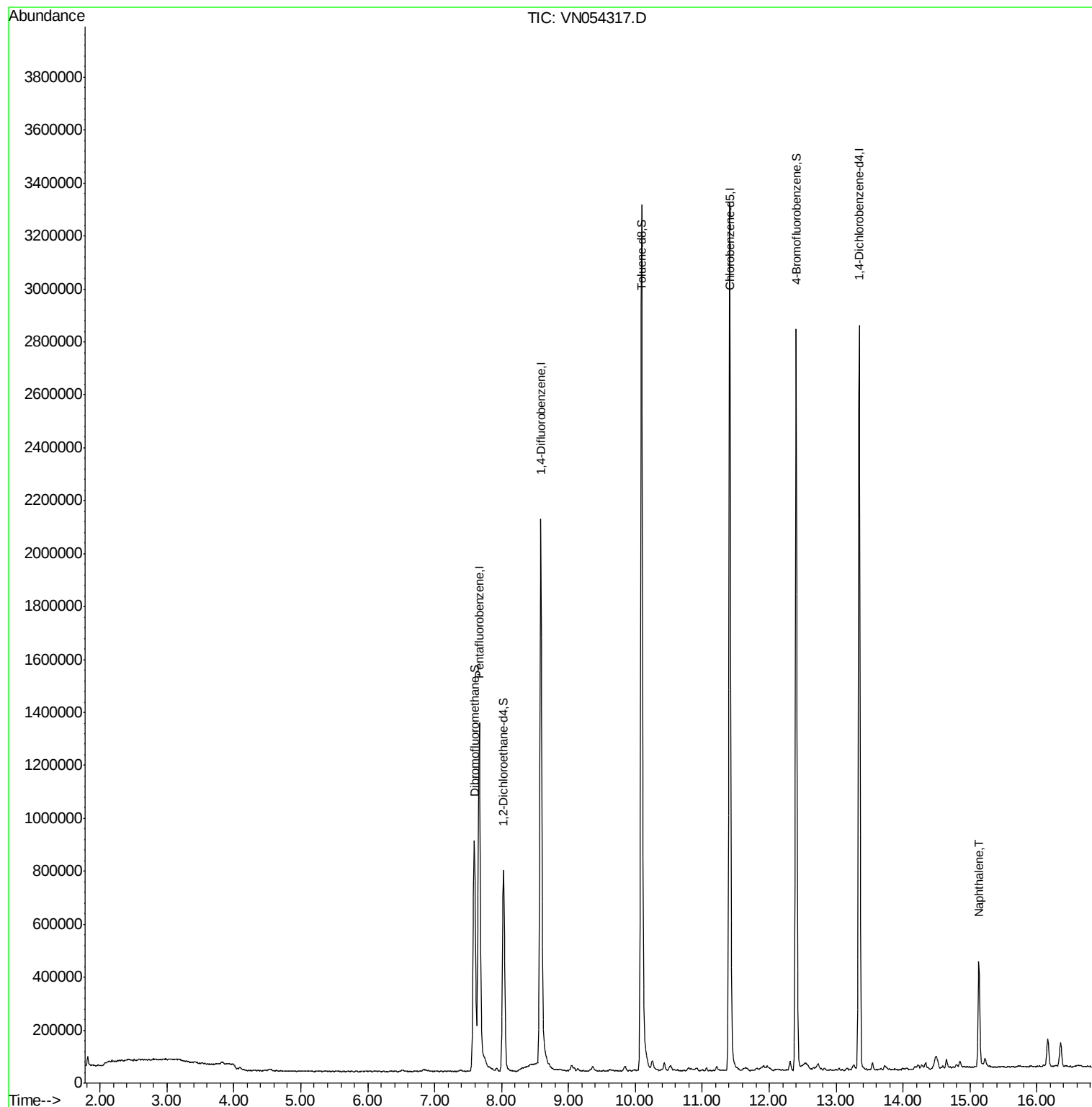
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1319695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2147776	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2199272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	849057	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	679876	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
35) Dibromofluoromethane	7.59	113	671364	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
50) Toluene-d8	10.09	98	2671328	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
62) 4-Bromofluorobenzene	12.40	95	956446	53.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.86%	
Target Compounds						
95) Naphthalene	15.13	128	366155	12.620	ug/l	Qvalue 99

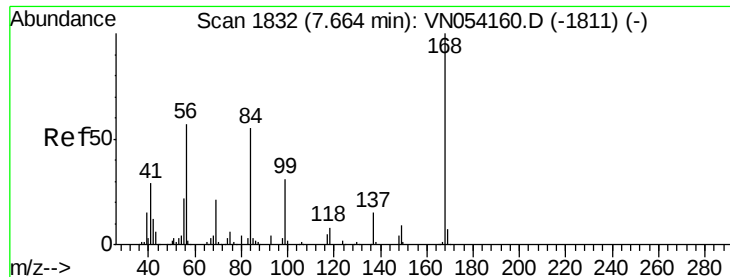
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054317.D

Acq: 15 Mar 2019 18:43

Instrument :

MSVOA_N

ClientSampled :

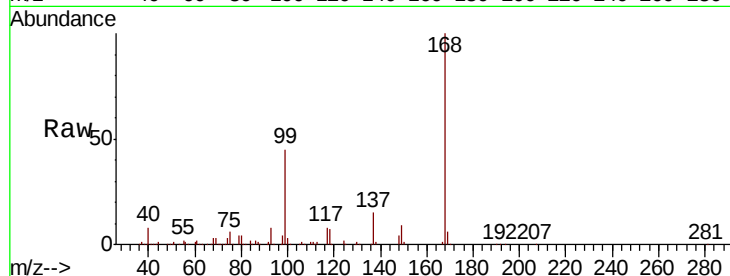
TW-2

Tgt Ion:168 Resp: 1319695

Ion Ratio Lower Upper

168 100

99 45.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054317.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN054317.D (-1811) (-)

7.67

600000

500000

400000

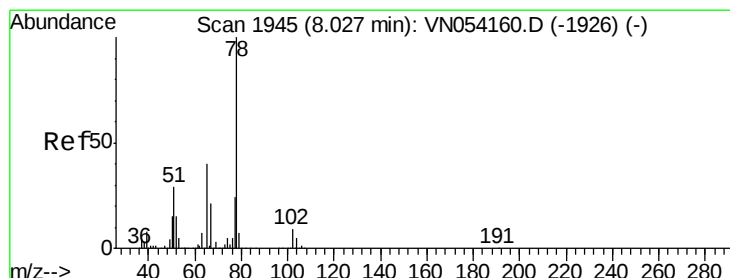
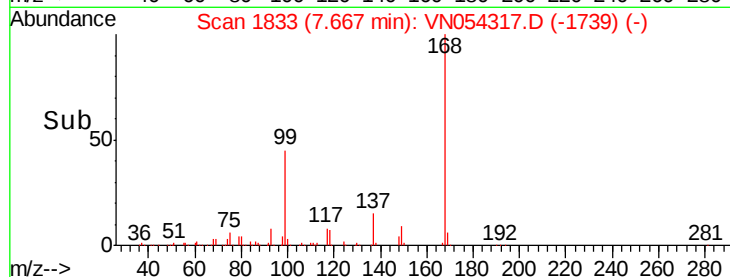
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 48.510 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054317.D

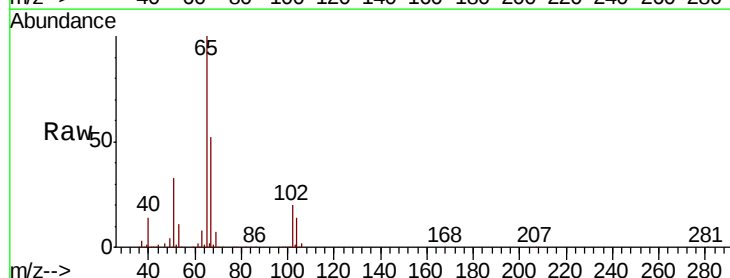
Acq: 15 Mar 2019 18:43

Tgt Ion: 65 Resp: 679876

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054317.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN054317.D (-1926) (-)

8.03

300000

250000

200000

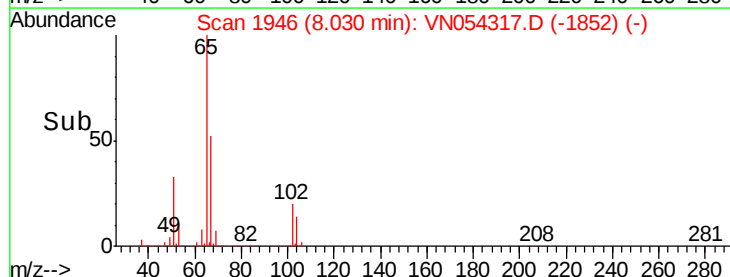
150000

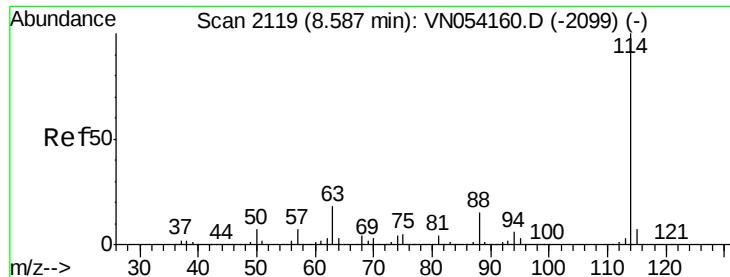
100000

50000

0

Time--> 7.90 8.00 8.10 8.20

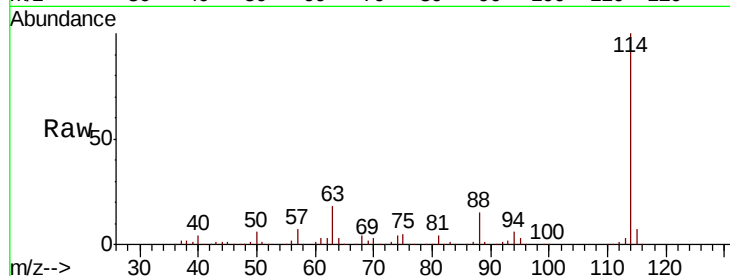




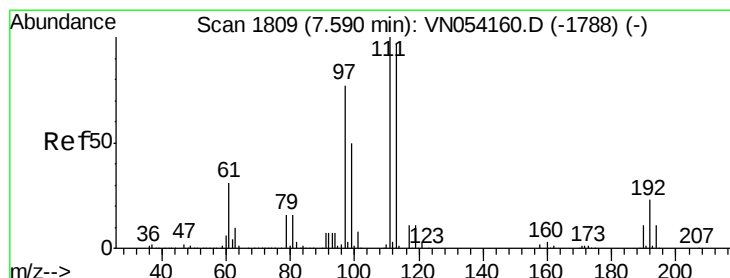
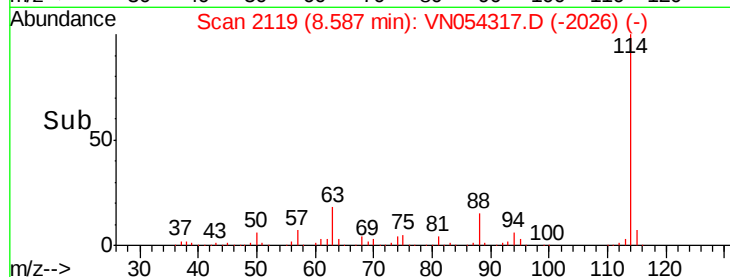
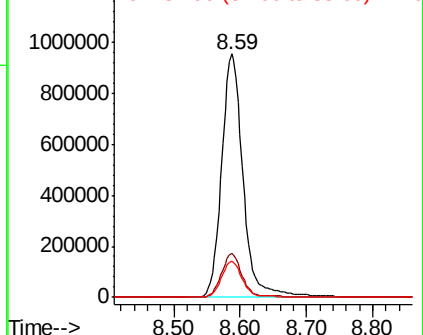
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054317.D
 Acq: 15 Mar 2019 18:43

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-2

Tgt Ion:114 Resp: 2147776
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.2
 88 14.8 0.0 30.2

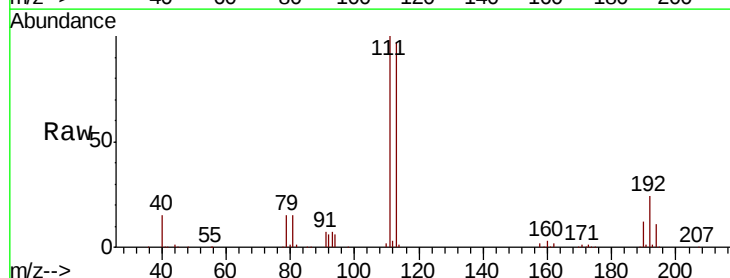


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

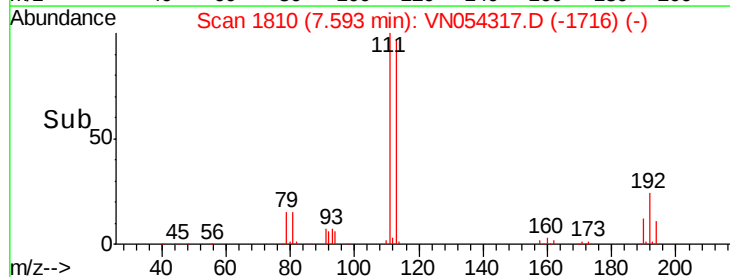
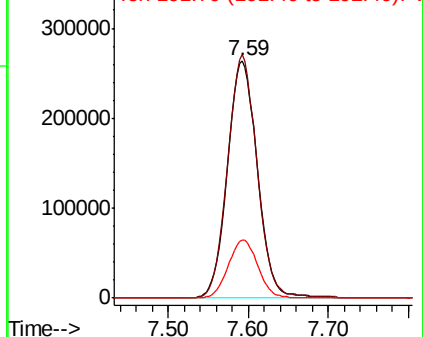


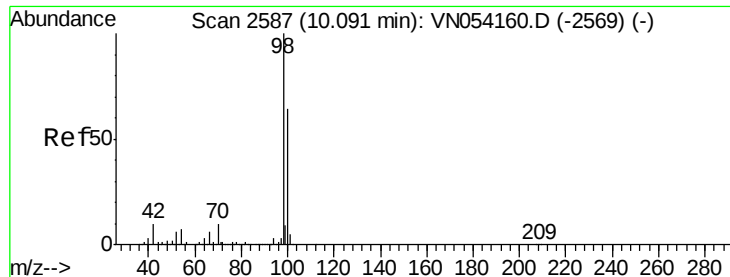
#35
 Dibromofluoromethane
 Concen: 48.466 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054317.D
 Acq: 15 Mar 2019 18:43

Tgt Ion:113 Resp: 671364
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.2 123.4
 192 24.0 19.2 28.8



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





#50

Toluene-d8

Concen: 52.217 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054317.D

Acq: 15 Mar 2019 18:43

Instrument :

MSVOA_N

ClientSampled :

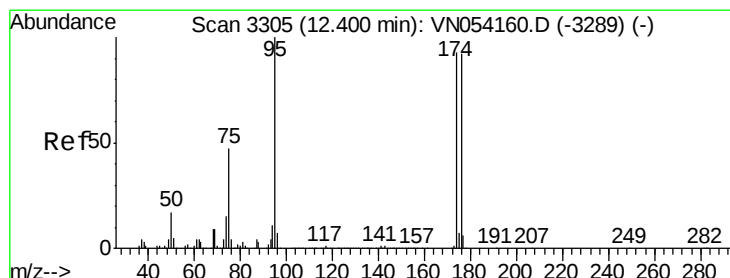
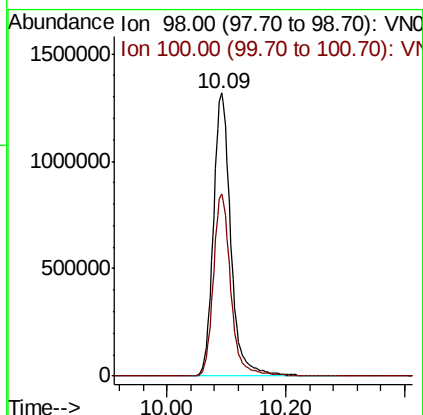
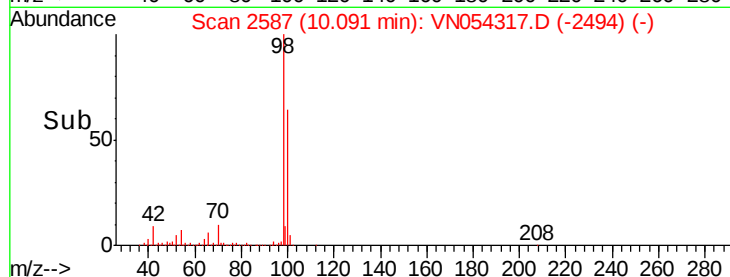
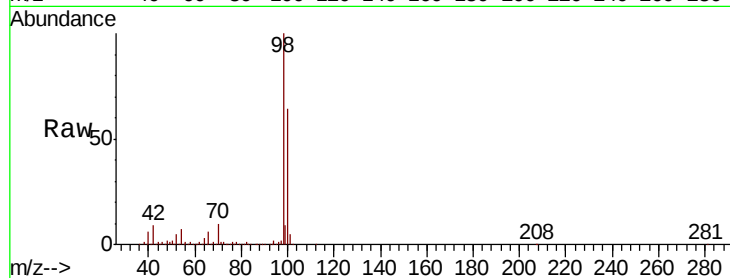
TW-2

Tgt Ion: 98 Resp: 2671328

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 53.432 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054317.D

Acq: 15 Mar 2019 18:43

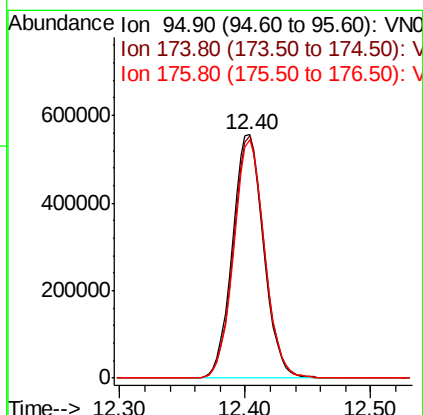
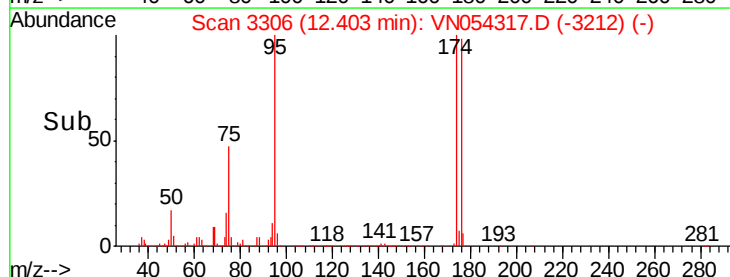
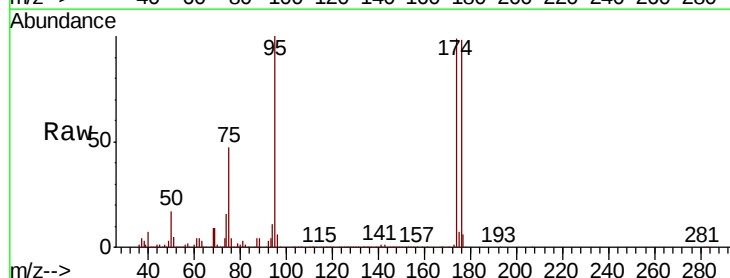
Tgt Ion: 95 Resp: 956446

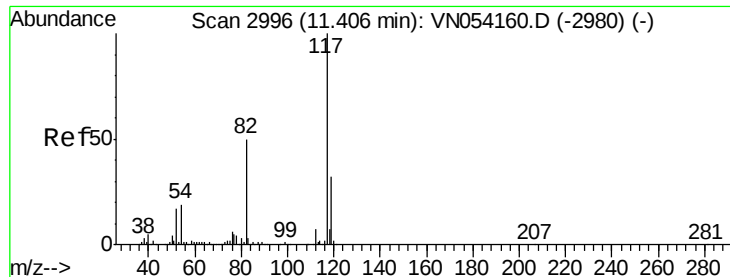
Ion Ratio Lower Upper

95 100

174 98.9 0.0 191.0

176 96.7 0.0 187.4

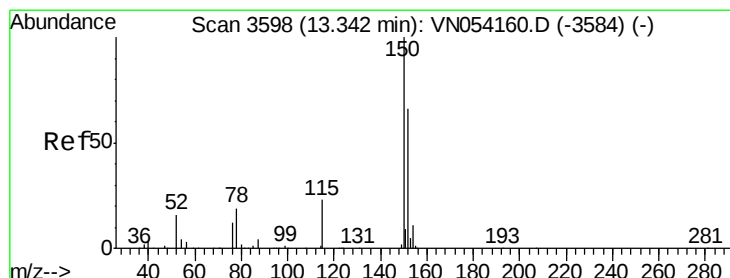
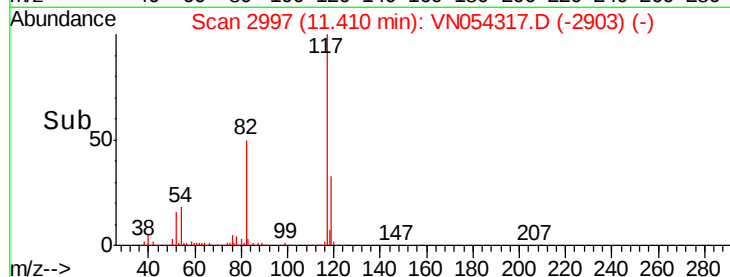
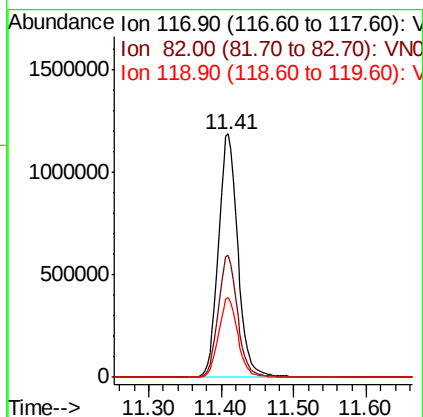
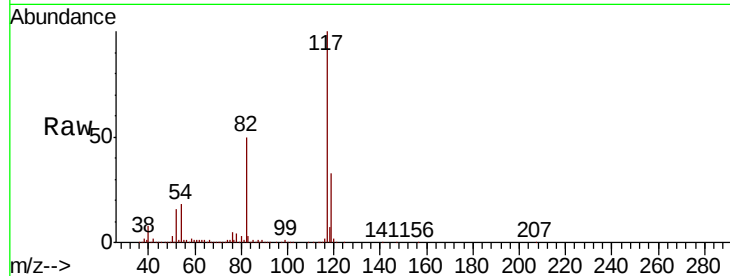




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054317.D
Acq: 15 Mar 2019 18:43

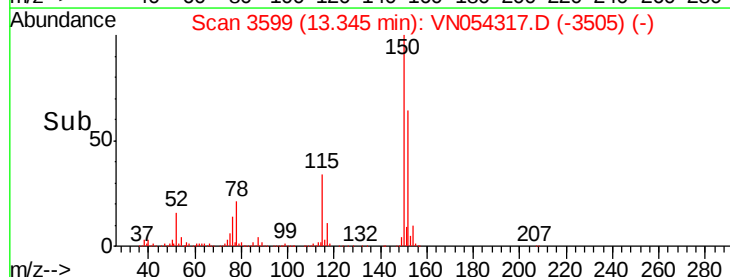
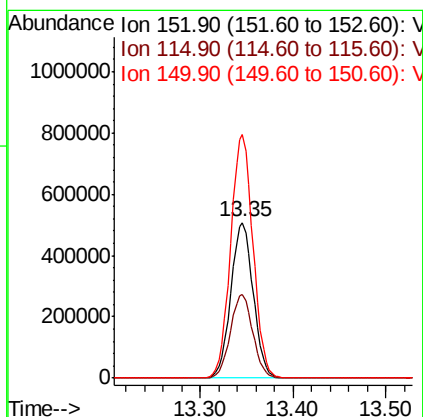
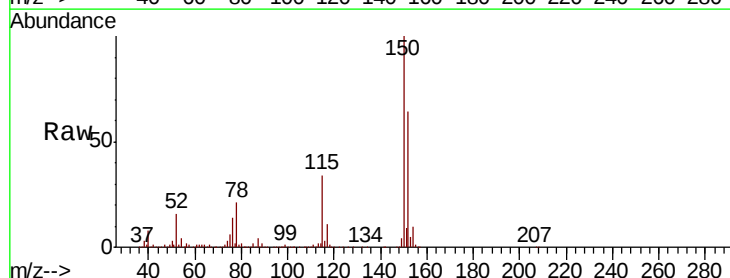
Instrument :
MSVOA_N
ClientSampleId :
TW-2

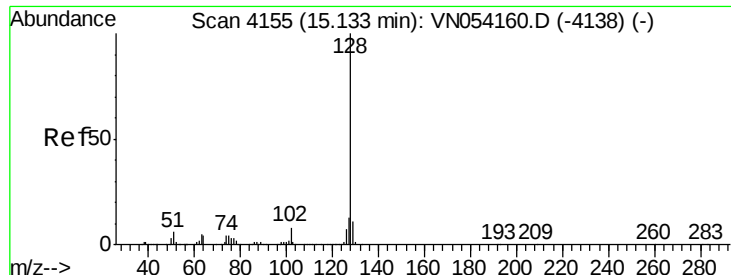
Tgt Ion:117 Resp: 2199272
Ion Ratio Lower Upper
117 100
82 49.9 40.0 60.0
119 33.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054317.D
Acq: 15 Mar 2019 18:43

Tgt Ion:152 Resp: 849057
Ion Ratio Lower Upper
152 100
115 53.7 27.2 81.6
150 155.9 0.0 349.2

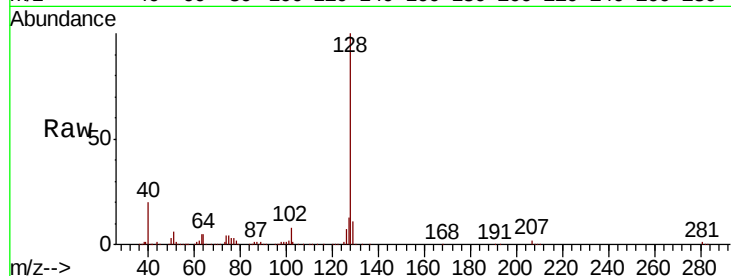




#95
Naphthalene
Concen: 12.620 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054317.D
Acq: 15 Mar 2019 18:43

Instrument :
MSVOA_N
ClientSampleId :
TW-2

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.1	15.1
129	10.9	8.7	13.1



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

