

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
 Data File : VN054273.D
 Acq On : 14 Mar 2019 20:21
 Operator : JC/SP
 Sample : K1887-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Mar 15 08:04:57 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

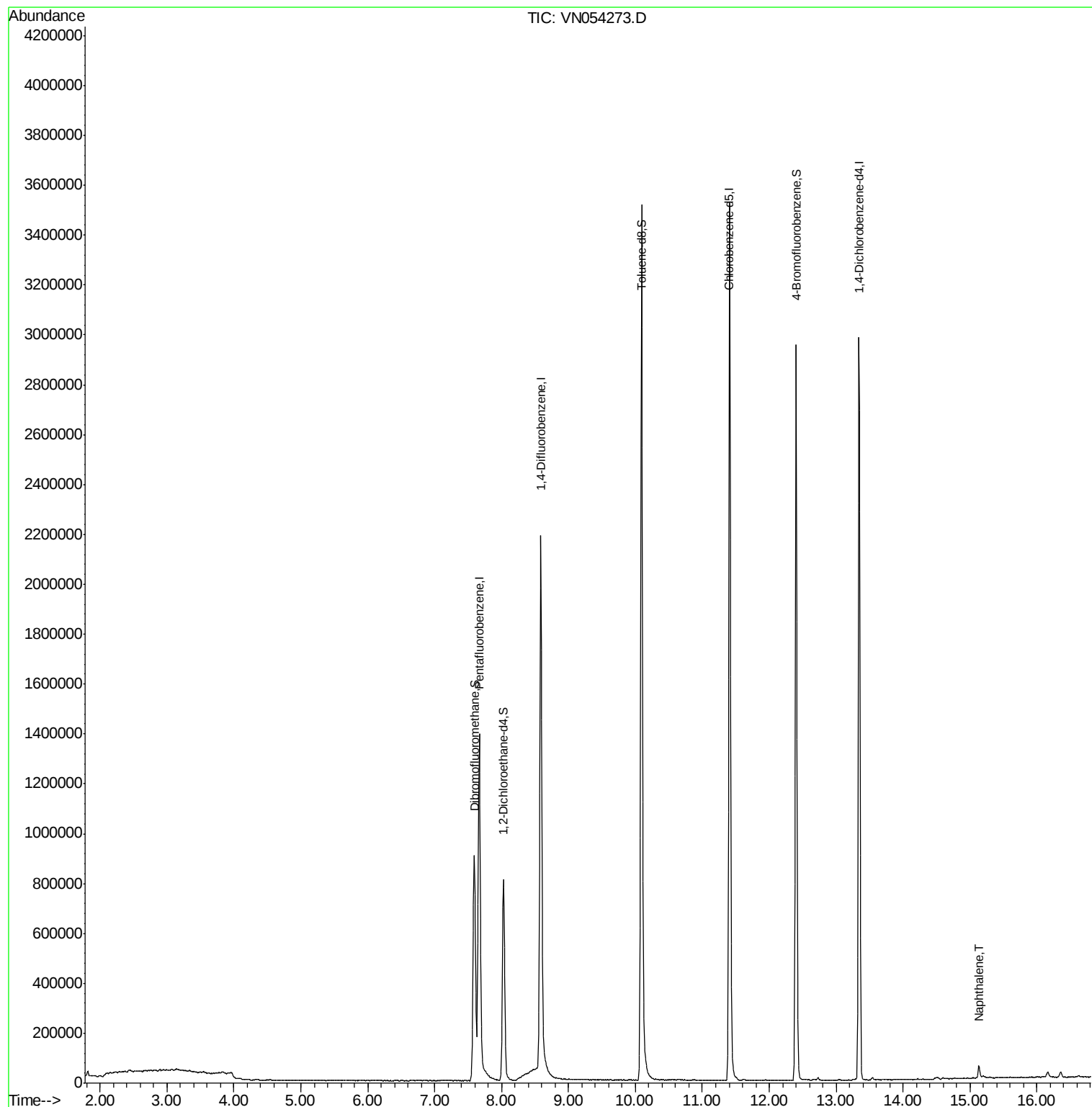
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1396407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2261734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2314054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	900474	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	715208	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
35) Dibromofluoromethane	7.59	113	701002	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
50) Toluene-d8	10.09	98	2772182	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.40	95	1017445	53.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.96%	
Target Compounds						
95) Naphthalene	15.13	128	47748	4.595	ug/l	Qvalue 99

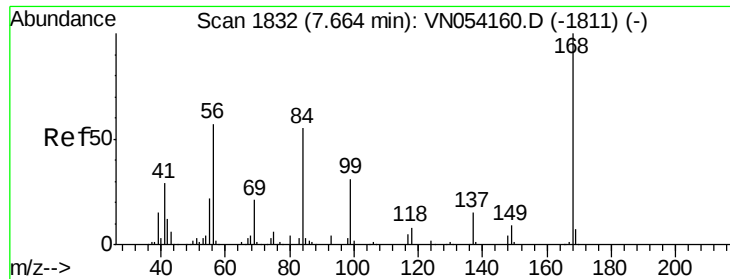
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054273.D

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MSVOA_N

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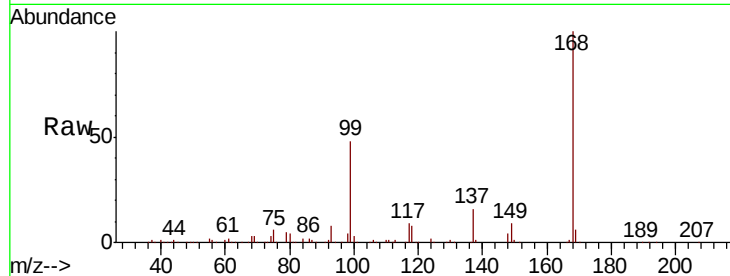
MW-1

Tgt Ion:168 Resp: 1396407

Ion Ratio Lower Upper

168 100

99 48.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054273.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN054273.D (-1739) (-)

7.67

600000

500000

400000

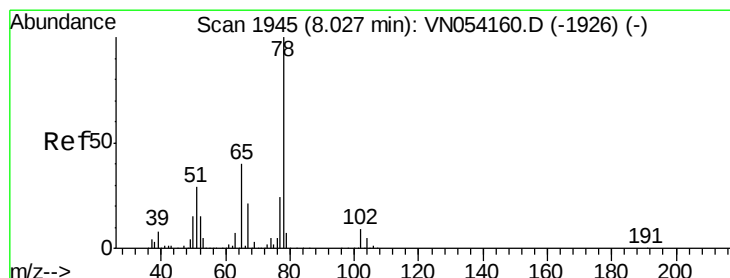
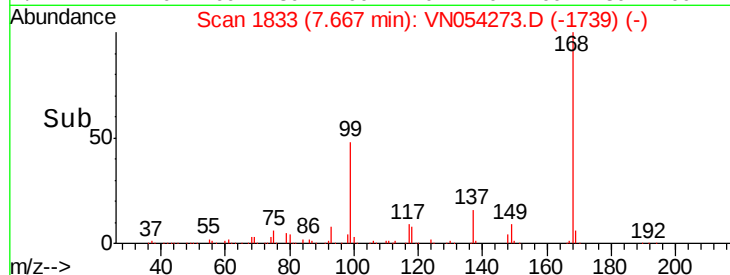
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.227 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054273.D

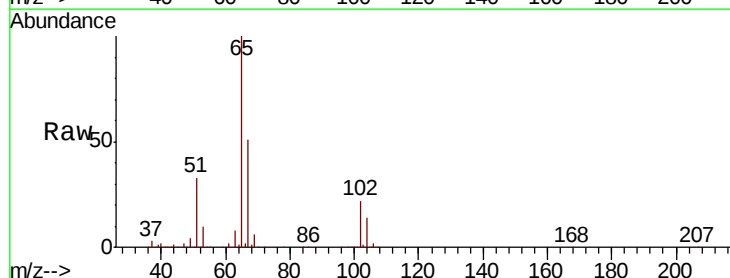
Acq: 14 Mar 2019 20:21

Tgt Ion: 65 Resp: 715208

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054273.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN054273.D (-1852) (-)

8.03

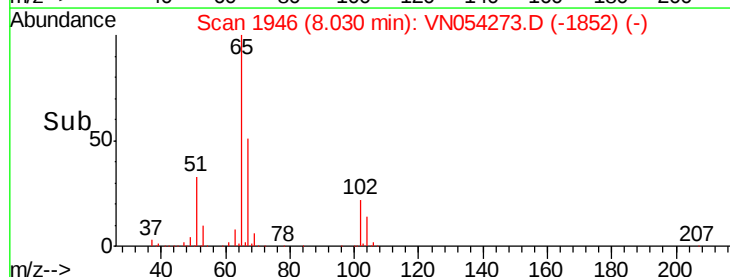
300000

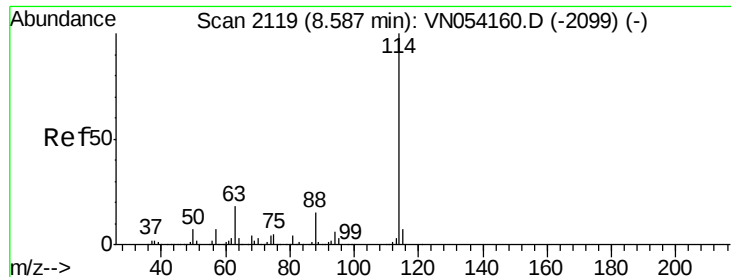
200000

100000

0

Time-->

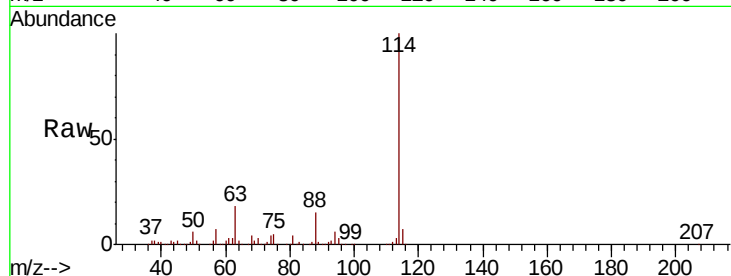




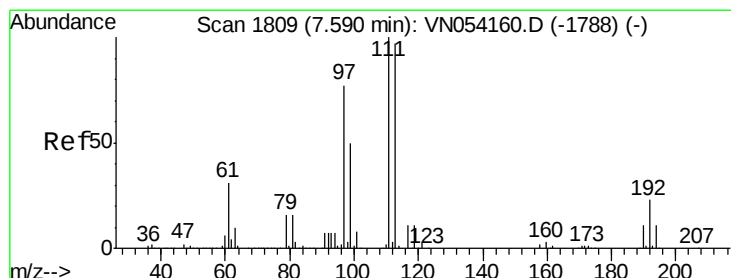
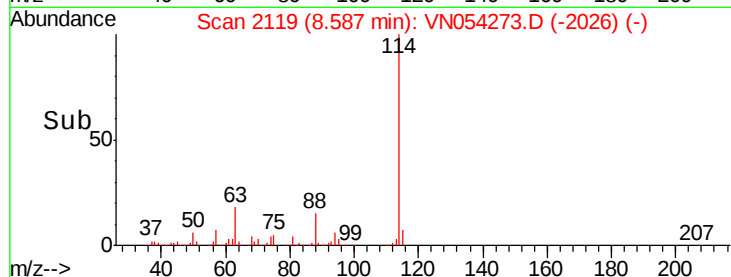
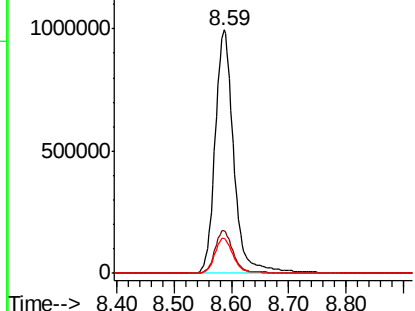
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054273.D
 Acq: 14 Mar 2019 20:21

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Tgt Ion:114 Resp: 2261734
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.2
 88 14.6 0.0 30.2

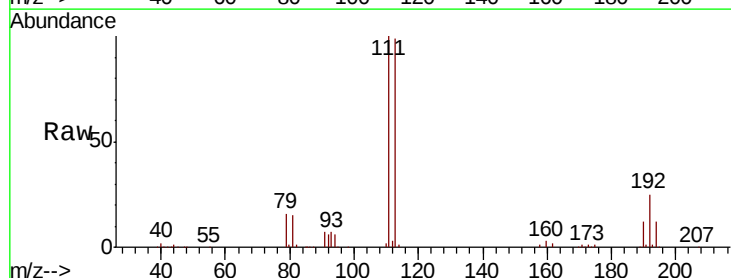


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

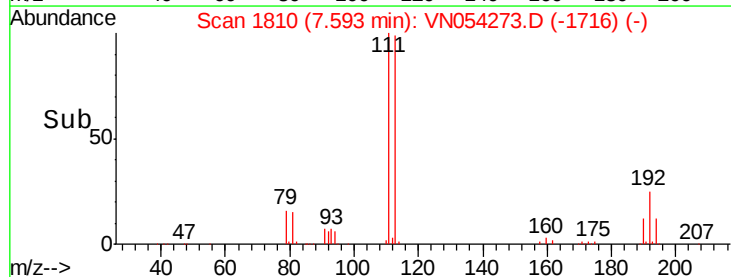
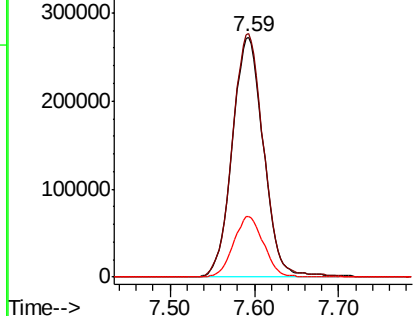


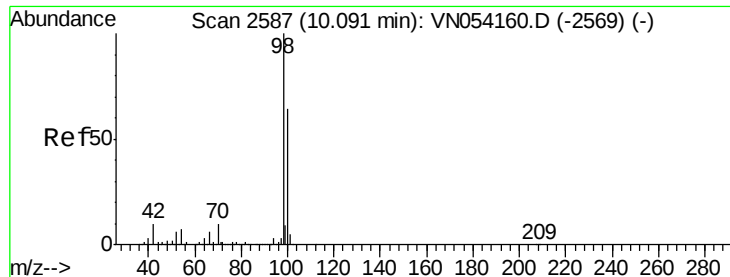
#35
 Dibromofluoromethane
 Concen: 48.056 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054273.D
 Acq: 14 Mar 2019 20:21

Tgt Ion:113 Resp: 701002
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.2 123.4
 192 24.5 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: 51.458 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054273.D

Acq: 14 Mar 2019 20:21

Instrument :

MSVOA_N

ClientSampleId :

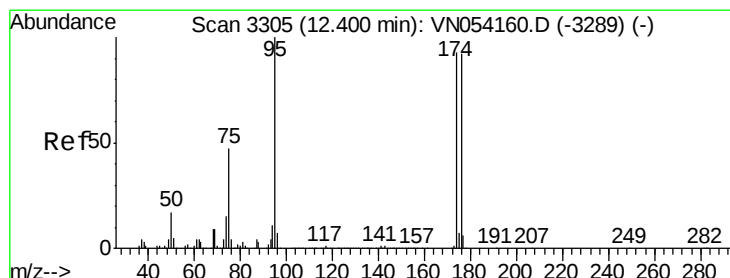
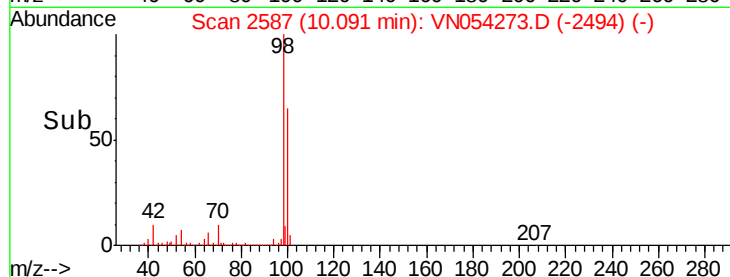
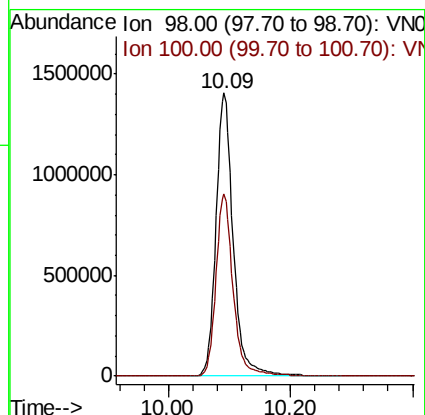
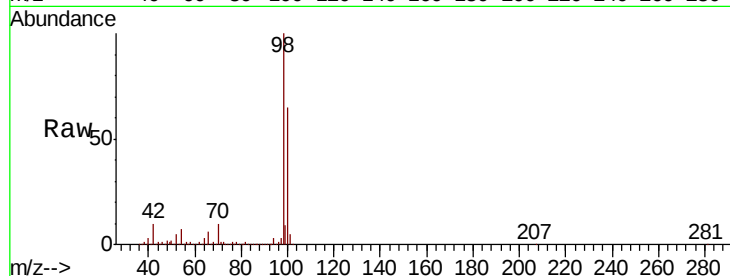
MW-1

Tgt Ion: 98 Resp: 2772182

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 53.975 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054273.D

Acq: 14 Mar 2019 20:21

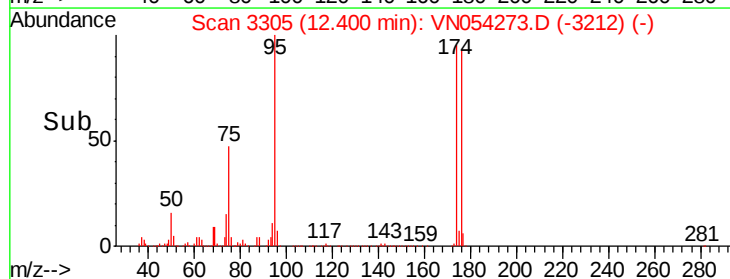
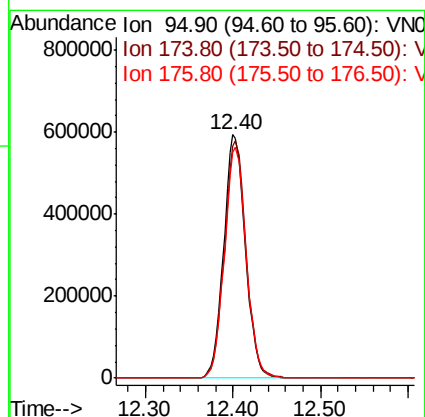
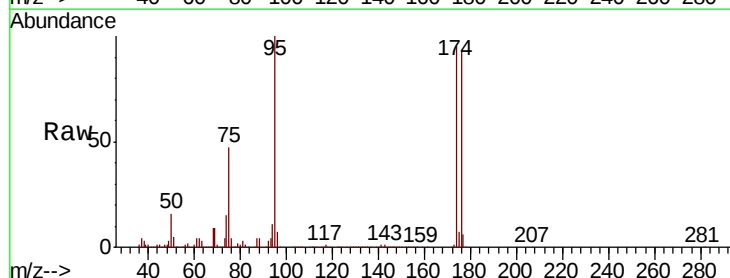
Tgt Ion: 95 Resp: 1017445

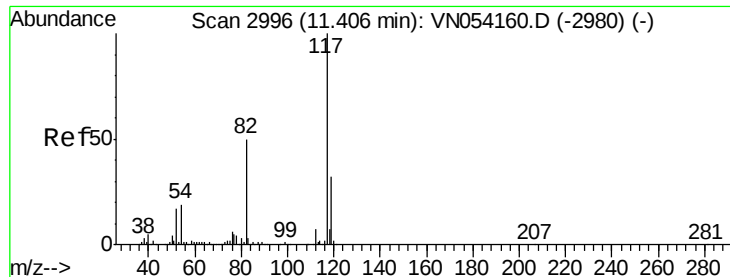
Ion Ratio Lower Upper

95 100

174 98.0 0.0 191.0

176 95.5 0.0 187.4

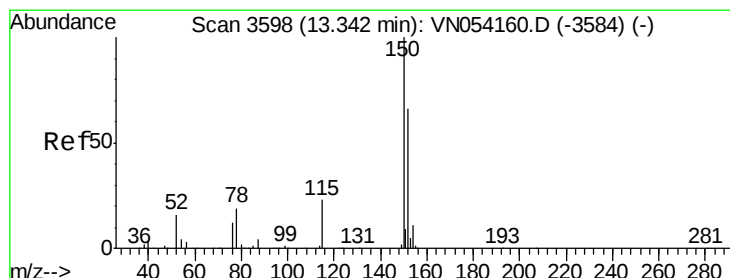
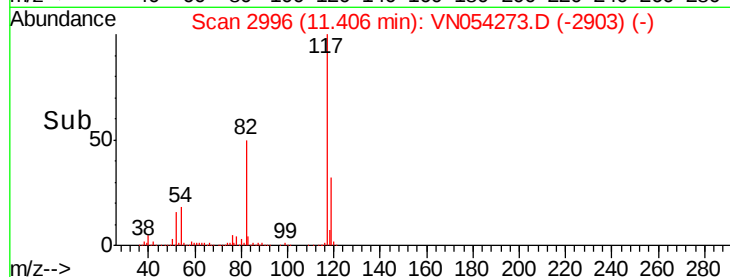
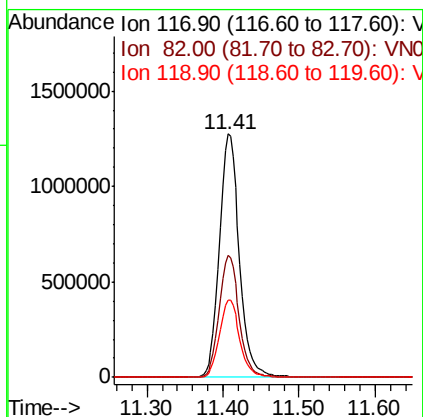
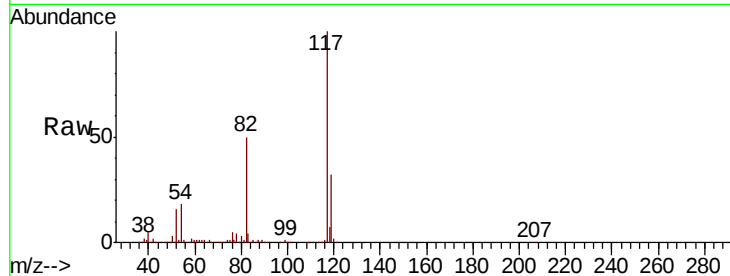




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054273.D
Acq: 14 Mar 2019 20:21

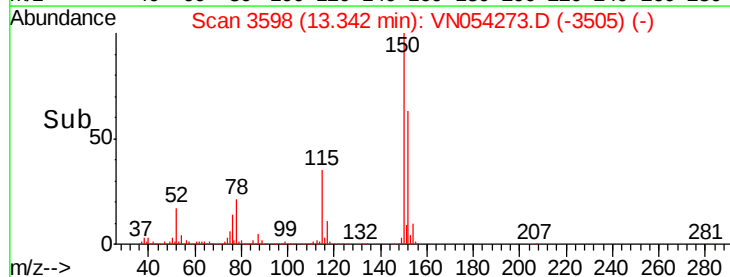
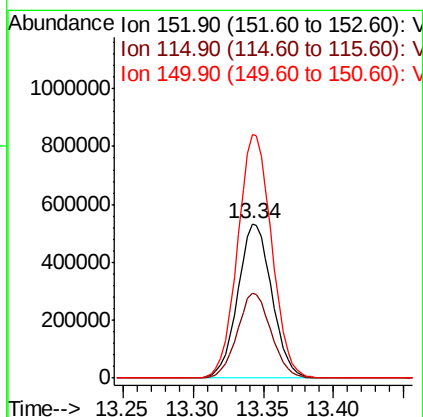
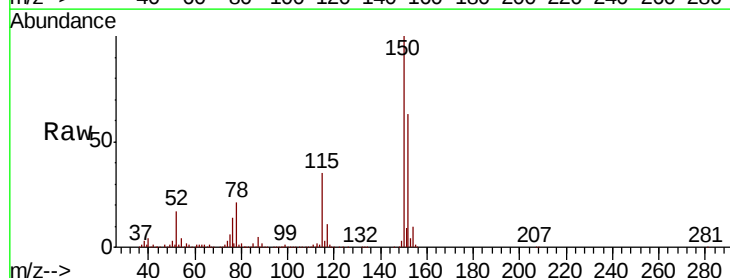
Instrument :
MSVOA_N
ClientSampleId :
MW-1

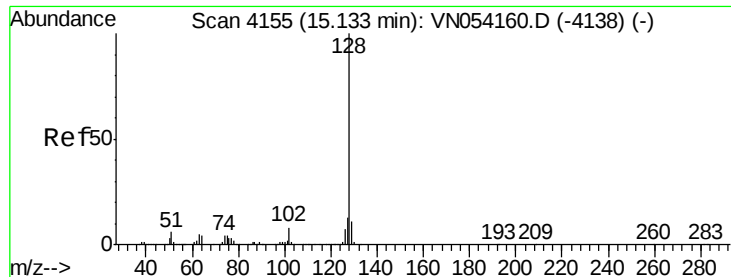
Tgt Ion:117 Resp: 2314054
Ion Ratio Lower Upper
117 100
82 49.9 40.0 60.0
119 31.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054273.D
Acq: 14 Mar 2019 20:21

Tgt Ion:152 Resp: 900474
Ion Ratio Lower Upper
152 100
115 54.6 27.2 81.6
150 158.1 0.0 349.2

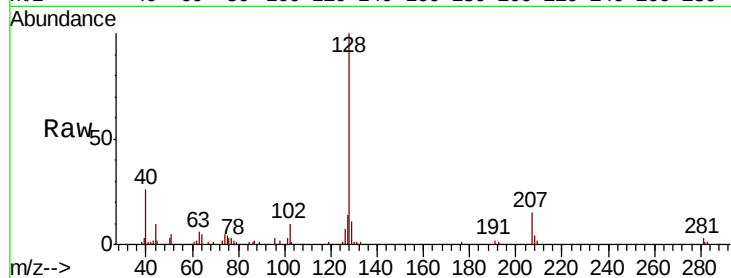




#95
Naphthalene
Concen: 4.595 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN054273.D
Acq: 14 Mar 2019 20:21

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion:128 Resp: 47748
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.2 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

