

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071619\
 Data File : VN056764.D
 Acq On : 16 Jul 2019 13:26
 Operator : JC/SP
 Sample : K3834-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-4

Quant Time: Jul 17 08:21:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	264407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	467706	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	480645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	167409	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	152489	52.14	ug/l	0.00
Spiked Amount						
			Recovery	=	104.28%	
35) Dibromofluoromethane	7.59	113	138821	47.69	ug/l	0.00
Spiked Amount						
			Recovery	=	95.38%	
50) Toluene-d8	10.09	98	578604	51.47	ug/l	0.00
Spiked Amount						
			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.40	95	205967	54.33	ug/l	0.00
Spiked Amount						
			Recovery	=	108.66%	

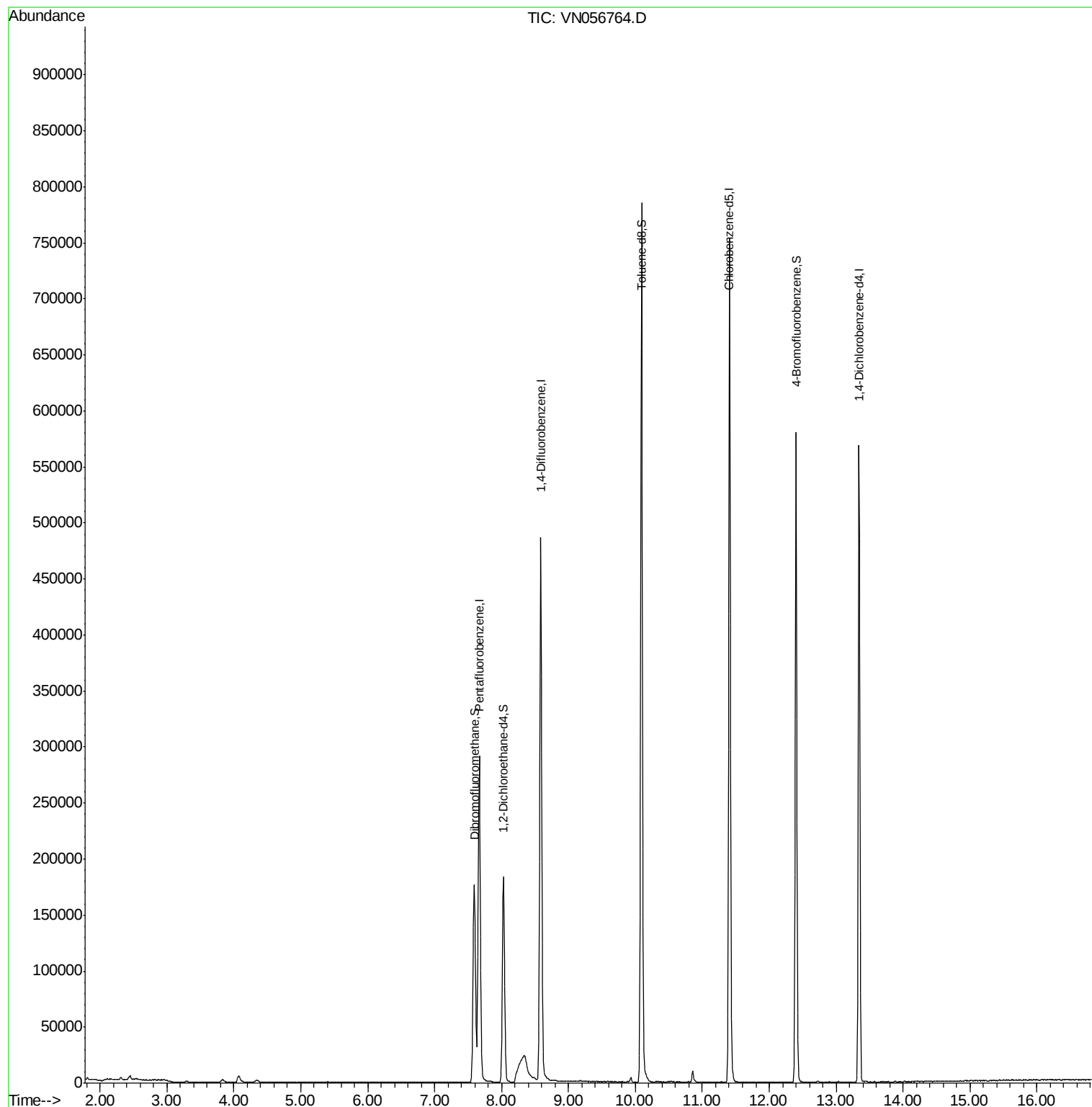
Target Compounds	Qvalue
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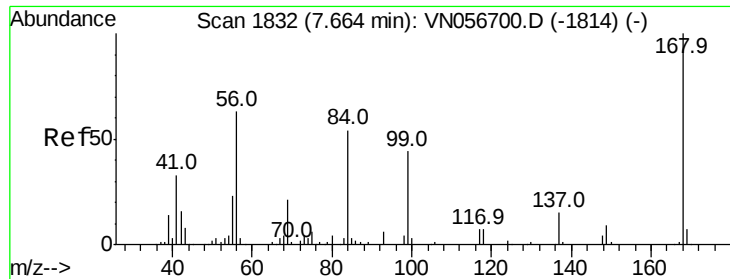
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056764.D

Acq: 16 Jul 2019 13:26

Instrument :

MSVOA_N

ClientSampleId :

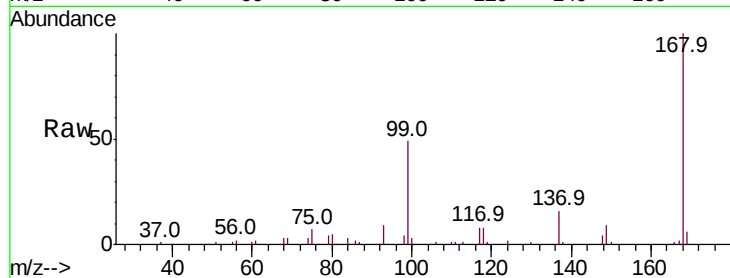
TW-4

Tot Ion:168 Resp: 264407

Ion Ratio Lower Upper

168 100

99 49.4 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056764.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056764.D (-1739) (-)

7.67

120000

100000

80000

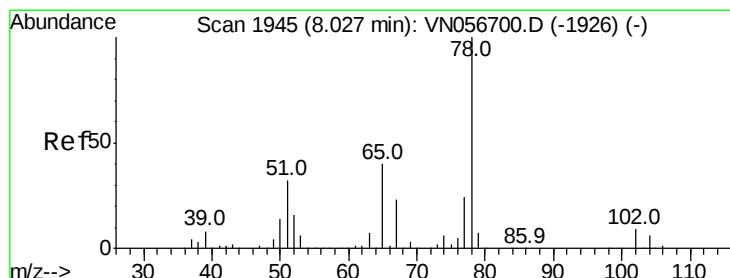
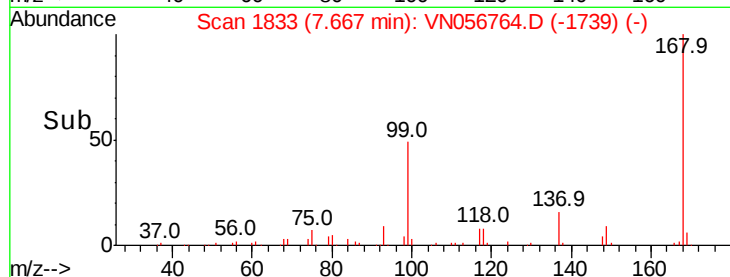
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.138 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN056764.D

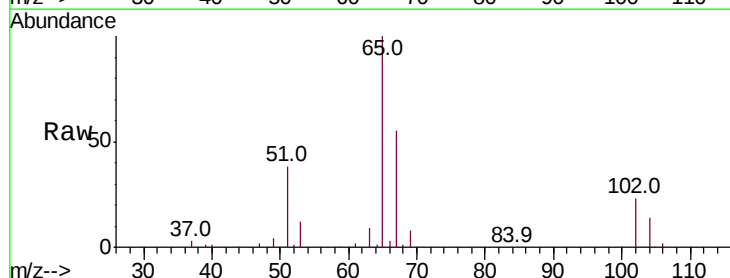
Acq: 16 Jul 2019 13:26

Tgt Ion: 65 Resp: 152489

Ion Ratio Lower Upper

65 100

67 55.4 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN056764.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN056764.D (-1852) (-)

8.03

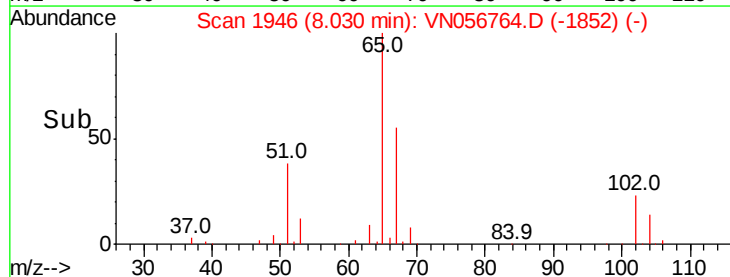
60000

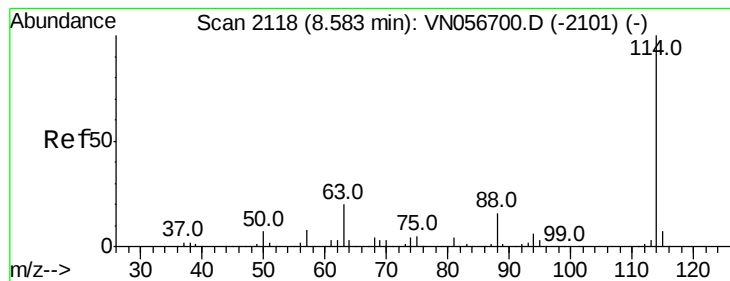
40000

20000

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: VN056764.D

Acq: 16 Jul 2019 13:26

Instrument :

MSVOA_N

ClientSampled :

TW-4

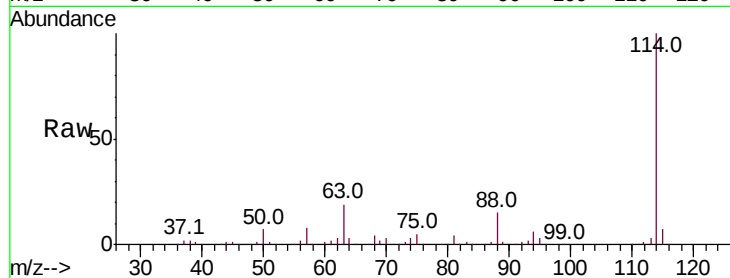
Tot Ion:114 Resp: 467706

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.4

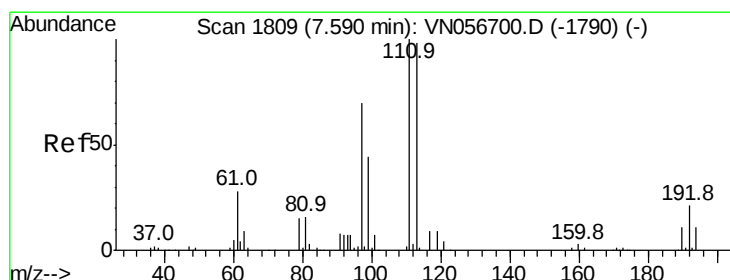
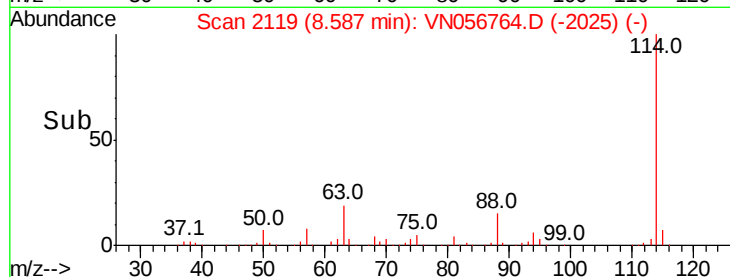
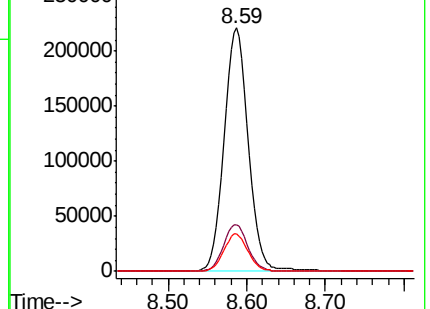
88 15.4 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.695 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN056764.D

Acq: 16 Jul 2019 13:26

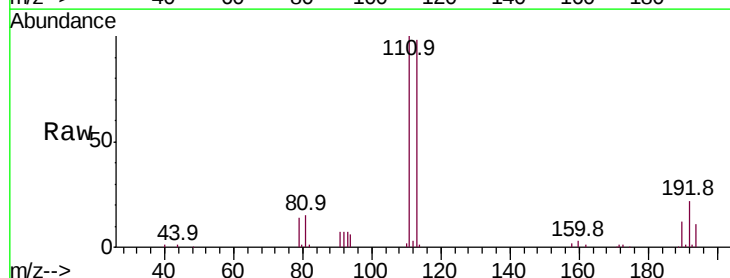
Tgt Ion:113 Resp: 138821

Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.6

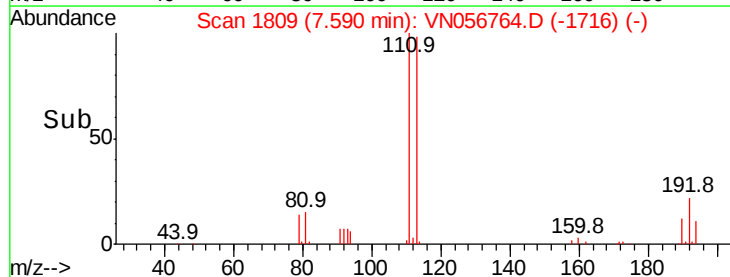
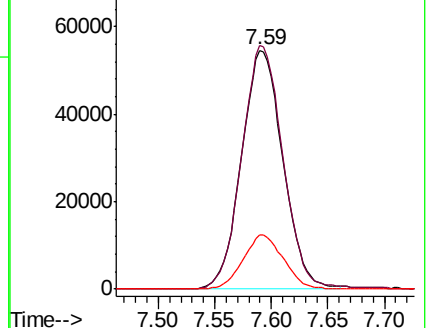
192 22.1 17.5 26.3

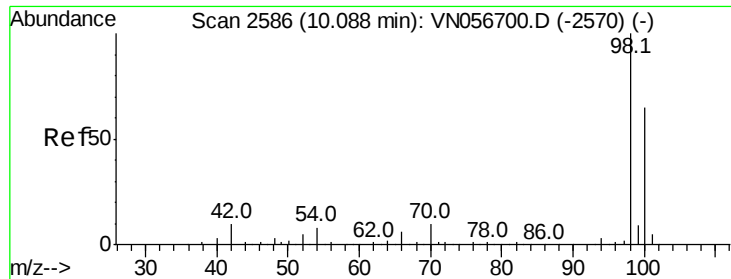


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.470 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056764.D

Acq: 16 Jul 2019 13:26

Instrument :

MSVOA_N

ClientSampled :

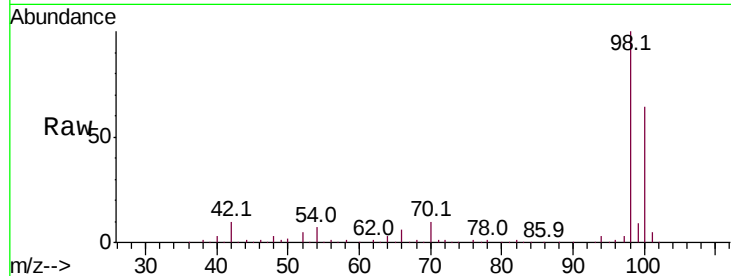
TW-4

Tot Ion: 98 Resp: 578604

Ion Ratio Lower Upper

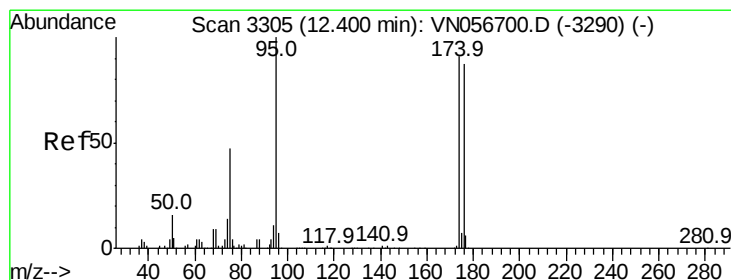
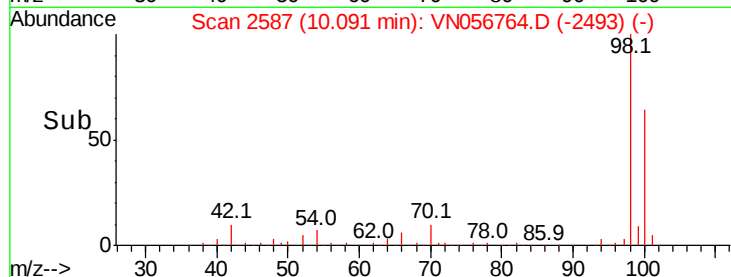
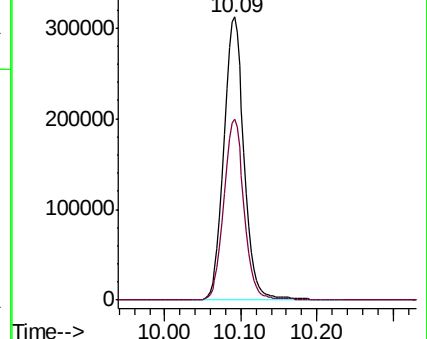
98 100

100 64.2 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 54.330 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056764.D

Acq: 16 Jul 2019 13:26

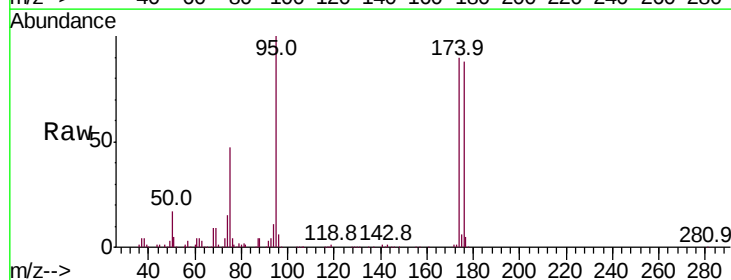
Tgt Ion: 95 Resp: 205967

Ion Ratio Lower Upper

95 100

174 91.1 0.0 180.0

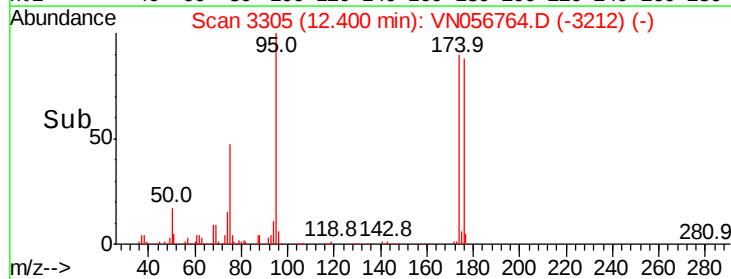
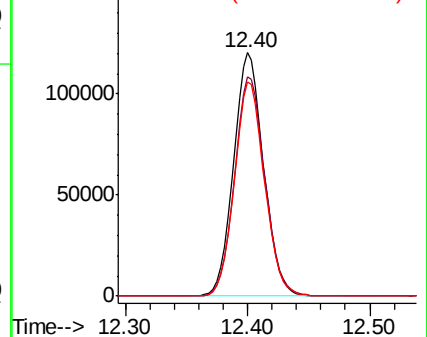
176 87.8 0.0 173.2

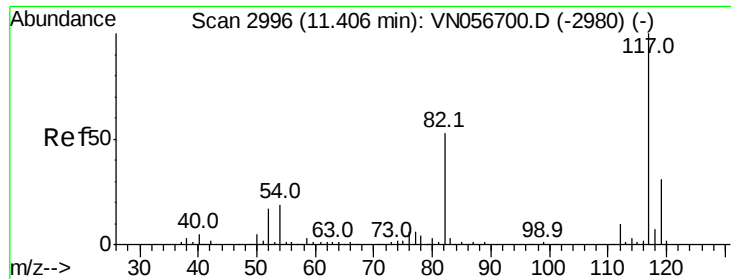


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

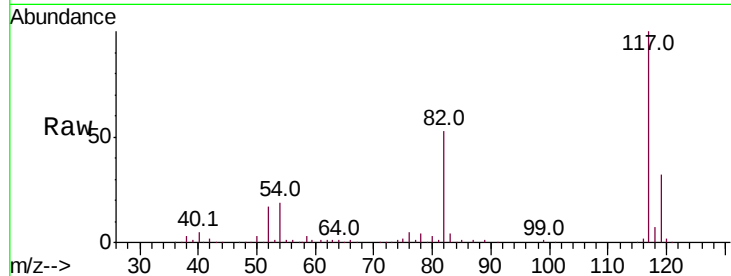




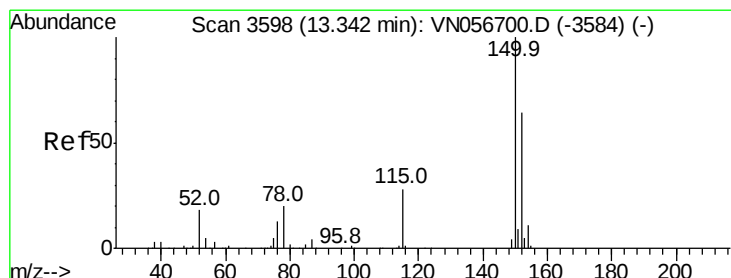
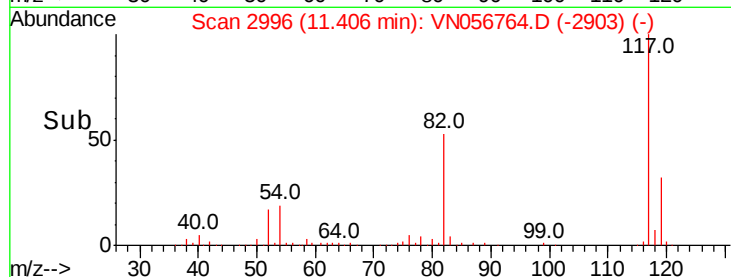
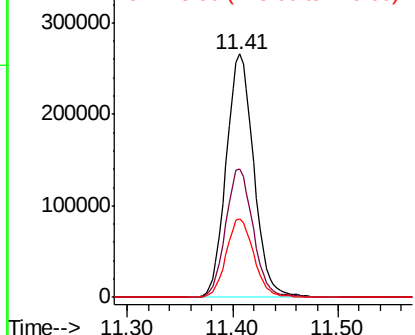
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056764.D
Acq: 16 Jul 2019 13:26

Instrument :
MSVOA_N
ClientSampleId :
TW-4

Tot Ion:117 Resp: 480645
Ion Ratio Lower Upper
117 100
82 52.9 42.2 63.2
119 32.4 25.2 37.8

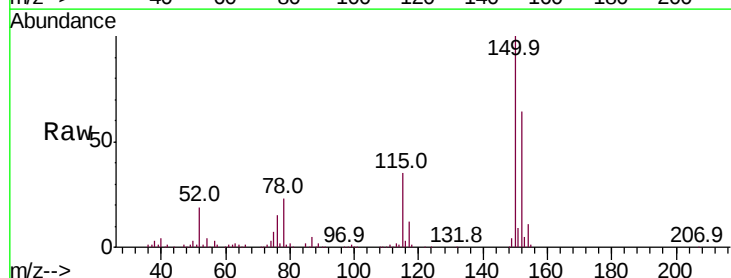


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056764.D
Acq: 16 Jul 2019 13:26

Tgt Ion:152 Resp: 167409
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 156.5 0.0 345.8



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

