

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056133.D
 Acq On : 8 Jun 2019 6:37
 Operator : JC/SP
 Sample : K3214-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5A

Quant Time: Jun 10 01:53:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

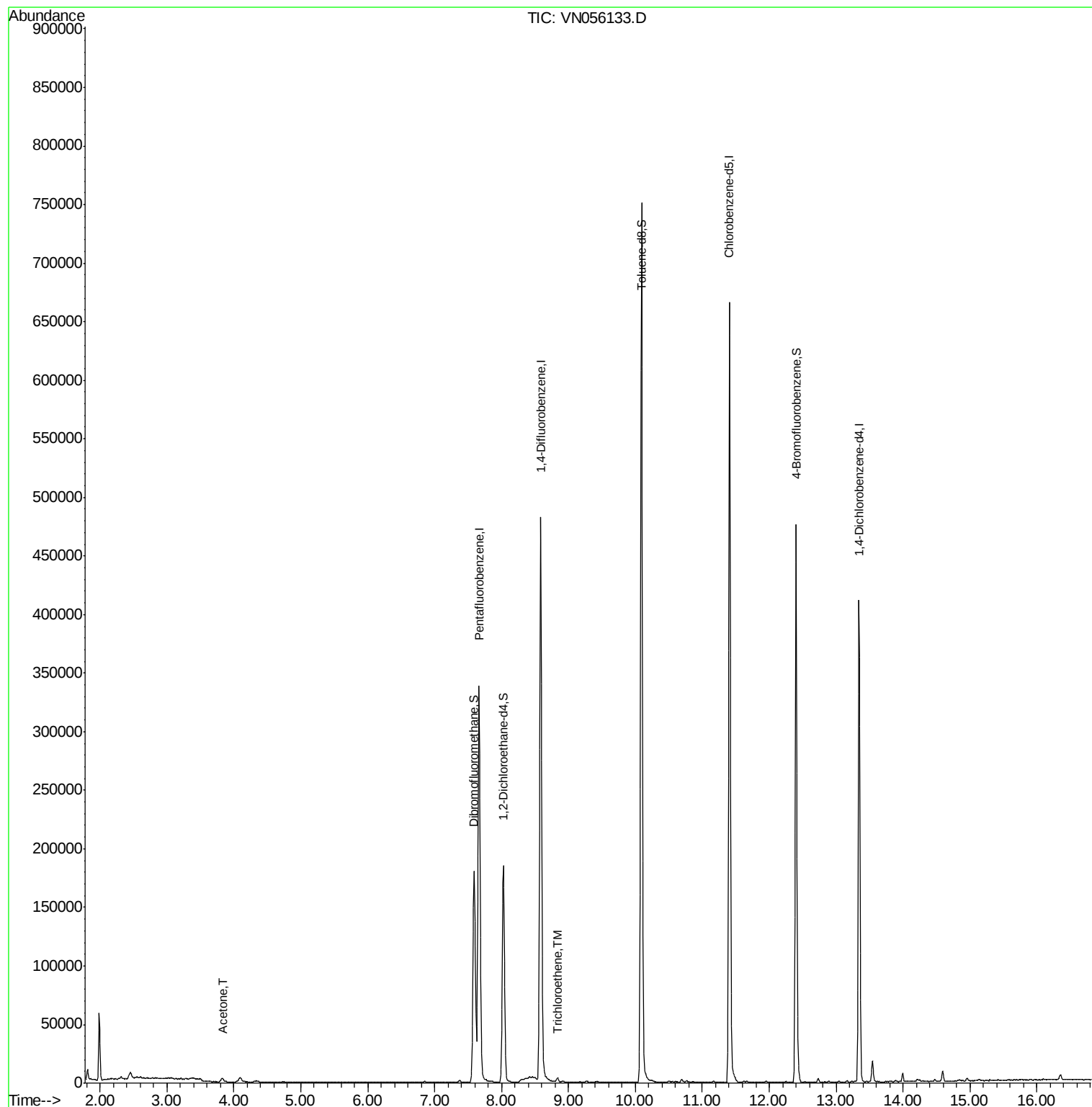
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	319181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	475396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	438703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	126457	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	154447	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
35) Dibromofluoromethane	7.59	113	139301	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
50) Toluene-d8	10.09	98	570616	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.40	95	166490	43.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.24%	
Target Compounds						
16) Acetone	3.83	43	6131	4.045	ug/l	96
44) Trichloroethene	8.83	130	1399	0.392	ug/l	97

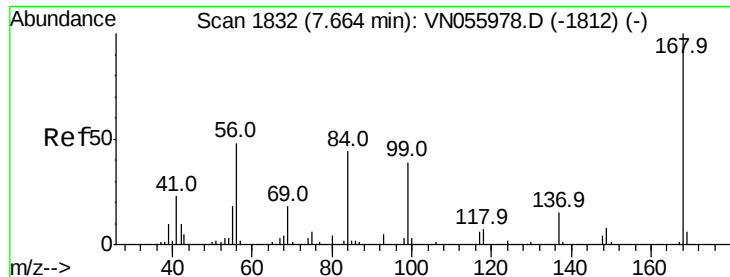
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 04 11:02:09 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056133.D

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Instrument :

MSVOA_N

ClientSampleId :

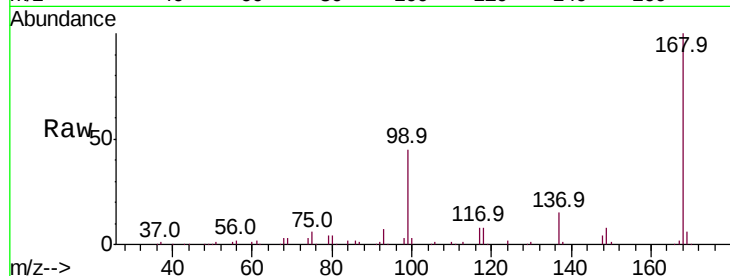
MW-5A

Tot Ion:168 Resp: 319181

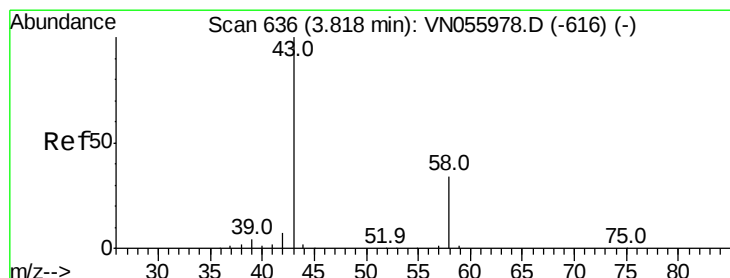
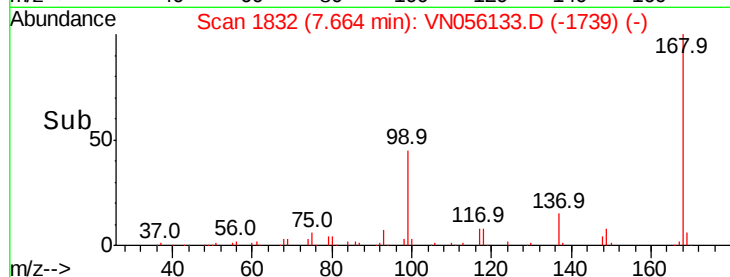
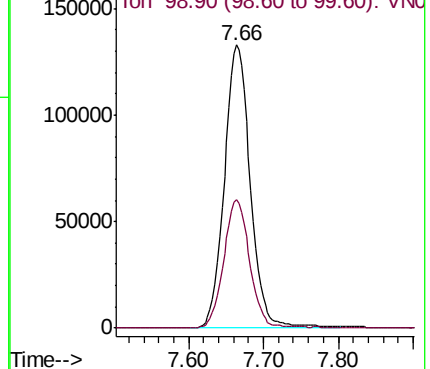
Ion Ratio Lower Upper

168 100

99 45.4 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)



#16

Acetone

Concen: 4.045 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN056133.D

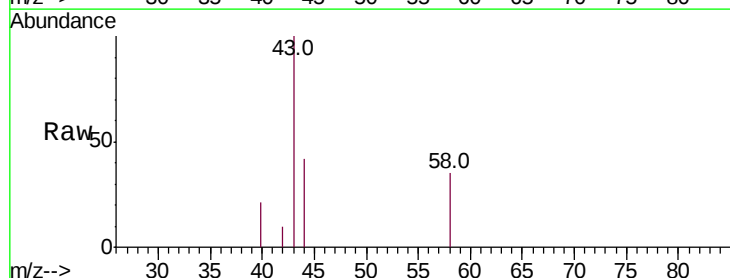
Acq: 8 Jun 2019 6:37

Tgt Ion: 43 Resp: 6131

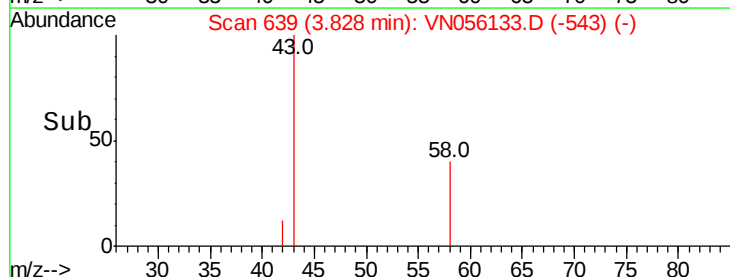
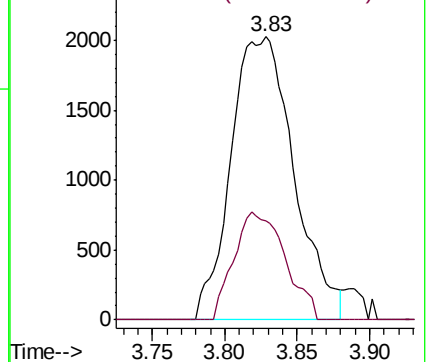
Ion Ratio Lower Upper

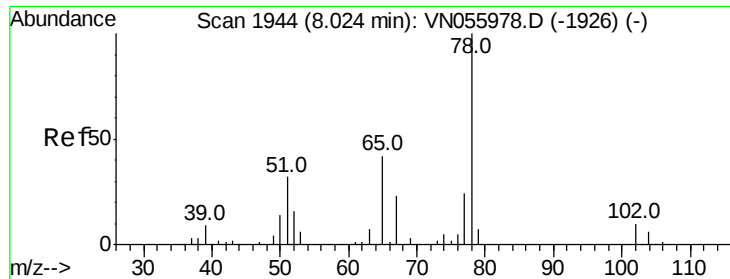
43 100

58 35.2 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-616) (-)





#33

1,2-Dichloroethane-d4

Concen: 48.734 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056133.D

Acq: 8 Jun 2019 6:37

Instrument :

MSVOA_N

ClientSampleId :

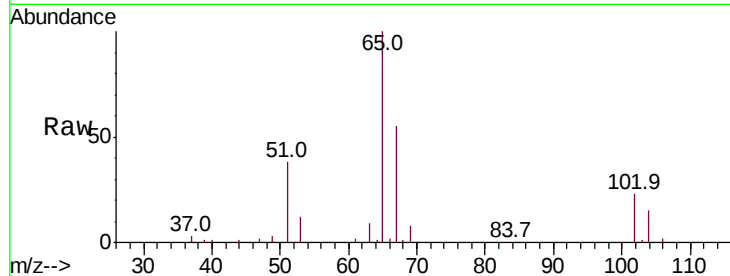
MW-5A

Tot Ion: 65 Resp: 154447

Ion Ratio Lower Upper

65 100

67 55.5 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055978.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055978.D (-1926) (-)

8.03

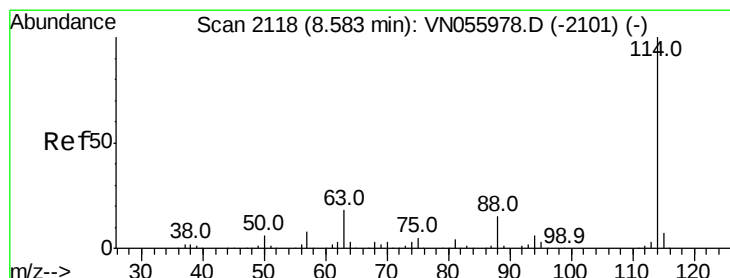
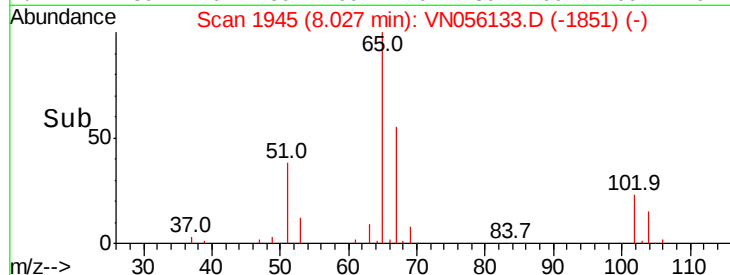
60000

40000

20000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056133.D

Acq: 8 Jun 2019 6:37

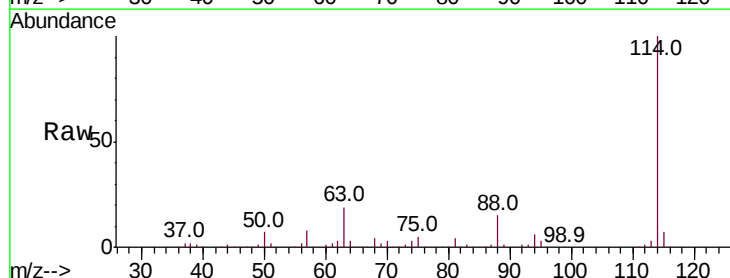
Tgt Ion:114 Resp: 475396

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.2

88 15.2 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN055978.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN055978.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN055978.D (-2101) (-)

8.58

300000

250000

200000

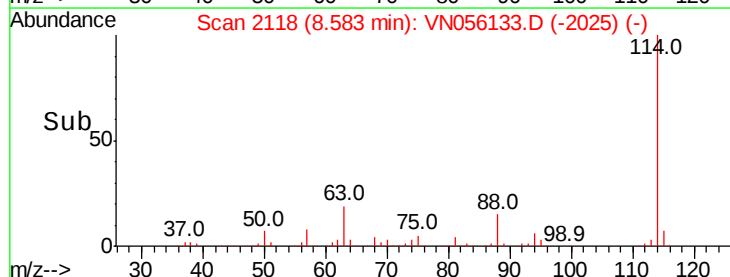
150000

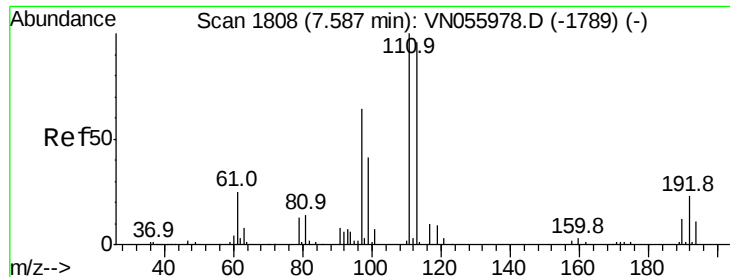
100000

50000

0

Time--> 8.50 8.60 8.70





#35

Dibromofluoromethane

Concen: 47.760 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056133.D

Acq: 8 Jun 2019 6:37

Instrument :

MSVOA_N

ClientSampleId :

MW-5A

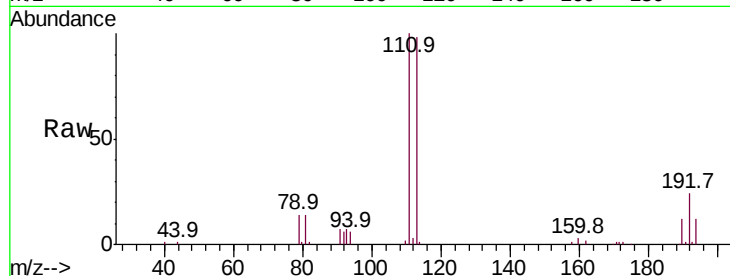
Tot Ion:113 Resp: 139301

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

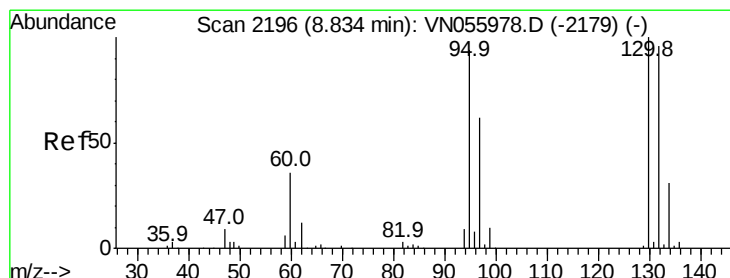
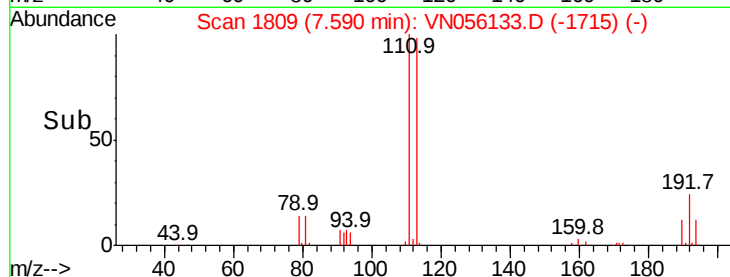
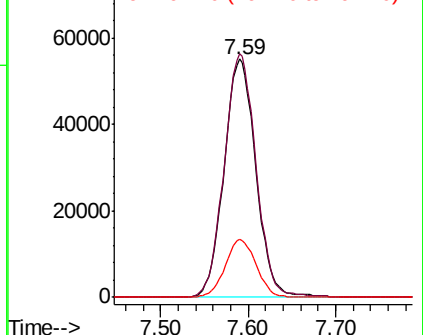
192 23.6 19.5 29.3



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



#44

Trichloroethene

Concen: 0.392 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056133.D

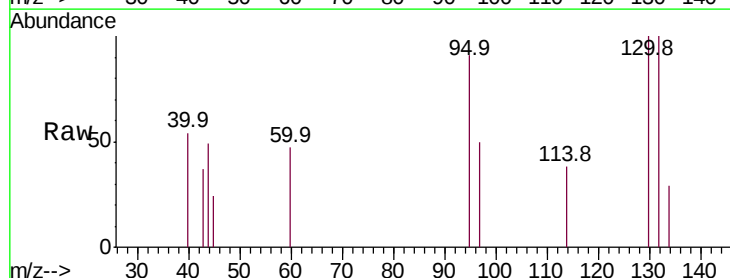
Acq: 8 Jun 2019 6:37

Tgt Ion:130 Resp: 1399

Ion Ratio Lower Upper

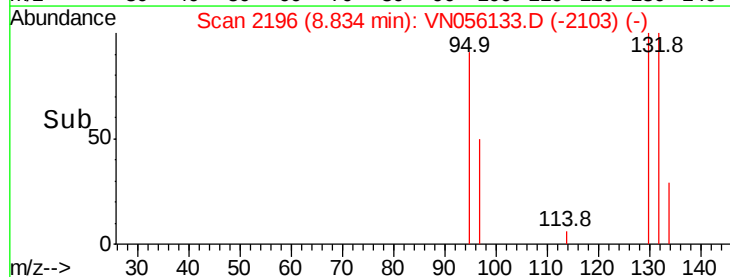
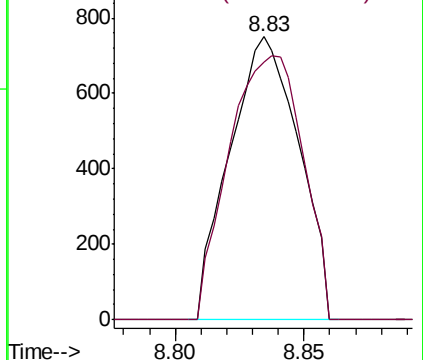
130 100

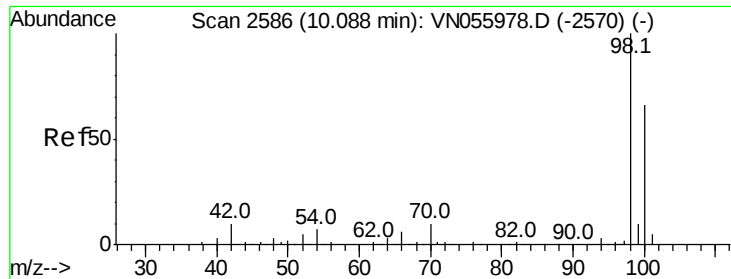
95 91.1 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 50.841 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056133.D

Acq: 8 Jun 2019 6:37

Instrument :

MSVOA_N

ClientSampleId :

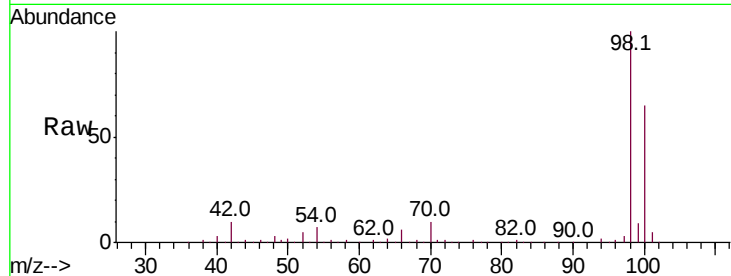
MW-5A

Tot Ion: 98 Resp: 570616

Ion Ratio Lower Upper

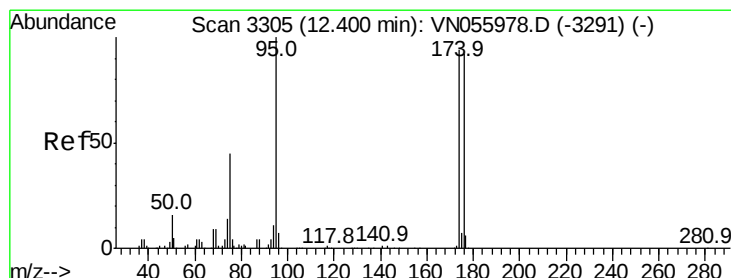
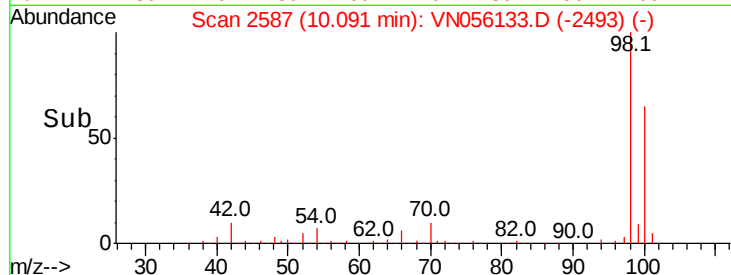
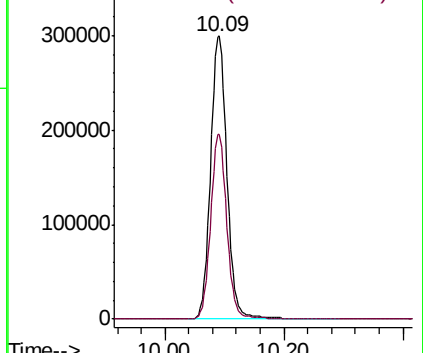
98 100

100 64.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 43.620 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056133.D

Acq: 8 Jun 2019 6:37

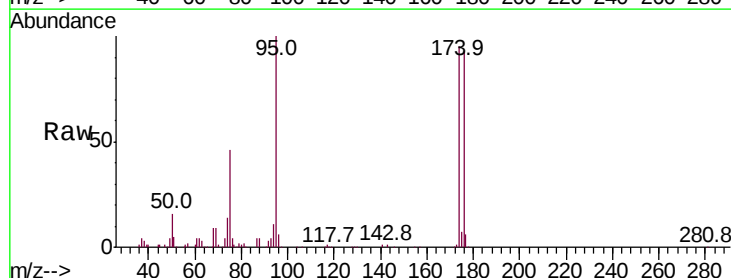
Tgt Ion: 95 Resp: 166490

Ion Ratio Lower Upper

95 100

174 96.3 0.0 191.0

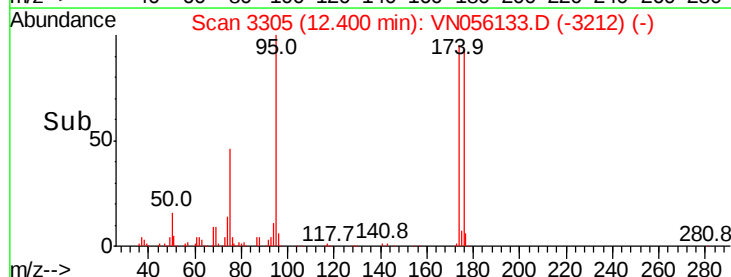
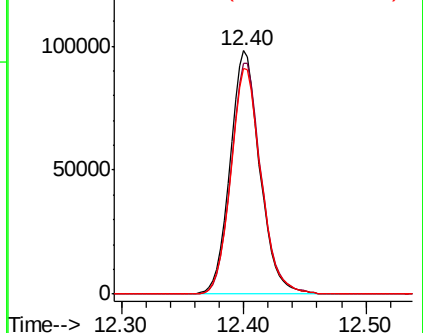
176 93.9 0.0 185.2

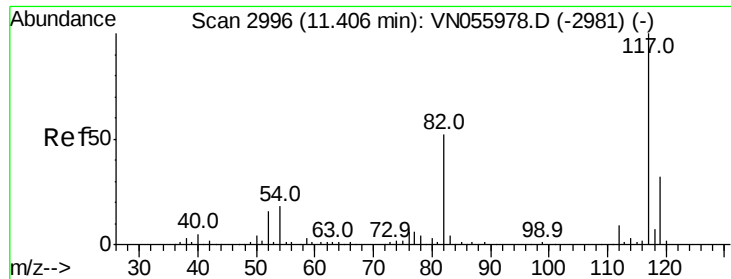


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

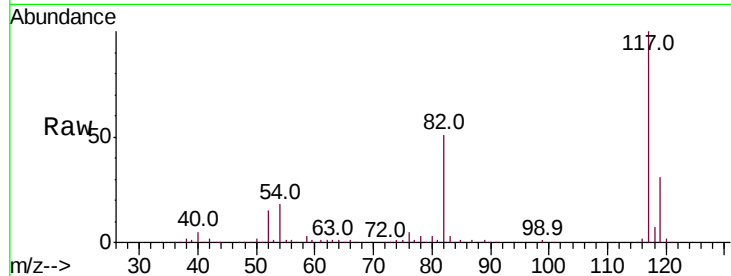




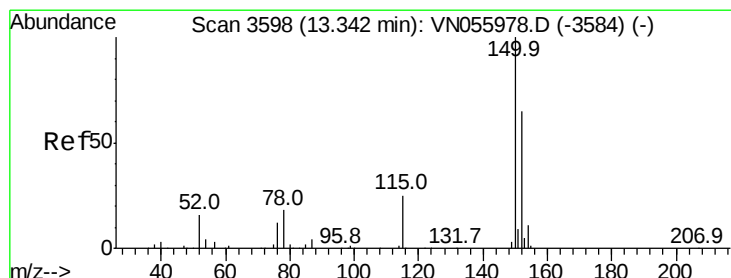
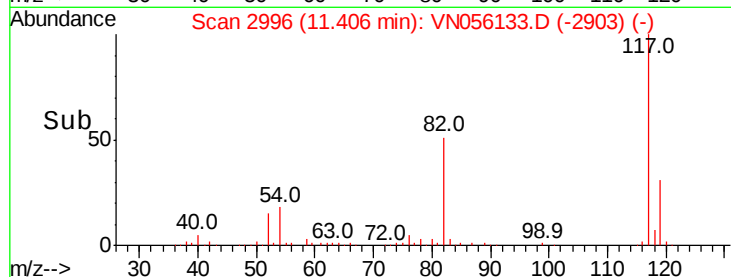
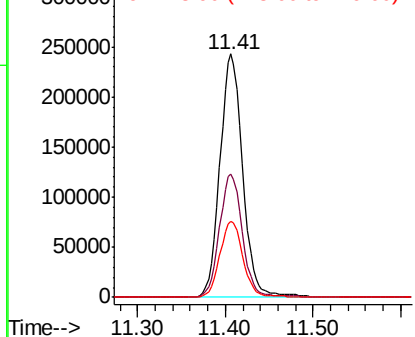
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056133.D
Acq: 8 Jun 2019 6:37

Instrument :
MSVOA_N
ClientSampleId :
MW-5A

Tot Ion:117 Resp: 438703
Ion Ratio Lower Upper
117 100
82 50.7 41.8 62.8
119 31.4 25.4 38.0

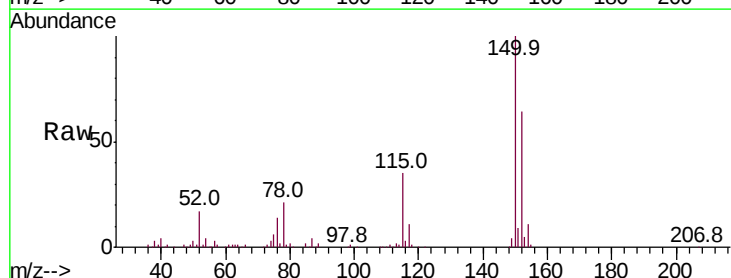


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056133.D
Acq: 8 Jun 2019 6:37

Tgt Ion:152 Resp: 126457
Ion Ratio Lower Upper
152 100
115 54.0 27.0 81.0
150 156.9 0.0 343.2



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

