

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093019\
 Data File : VN058440.D
 Acq On : 30 Sep 2019 17:01
 Operator : JC/SP
 Sample : K5080-21
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ140I-20190925

Quant Time: Oct 01 04:38:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

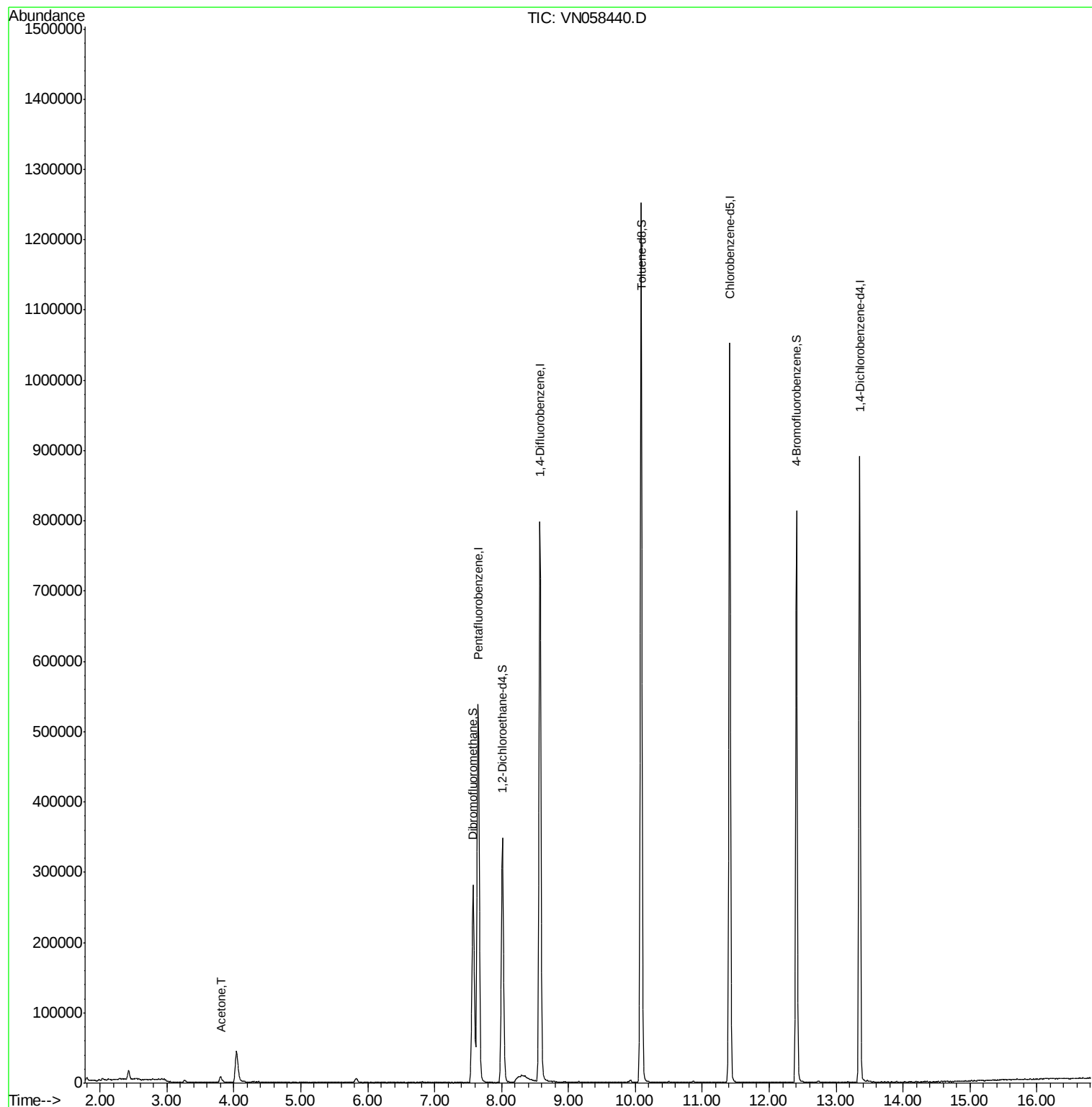
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	414524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	684430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	580393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	223519	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	300656	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
35) Dibromofluoromethane	7.57	113	211107	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
50) Toluene-d8	10.09	98	852471	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.41	95	268949	45.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.52%	
Target Compounds						
16) Acetone	3.80	43	14205	6.879	ug/l	Qvalue 90

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

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Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058440.D

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Instrument :

MSVOA_N

ClientSampleId :

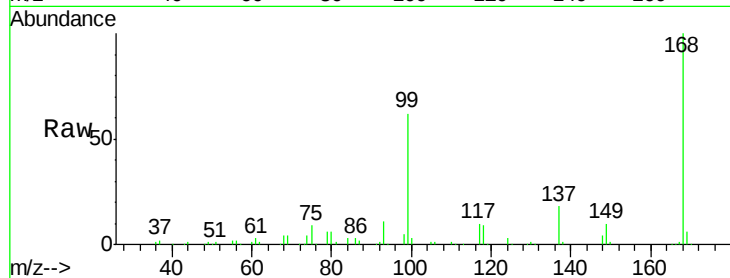
SA-PZ140I-20190925

Tot Ion:168 Resp: 414524

Ion Ratio Lower Upper

168 100

99 62.2 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

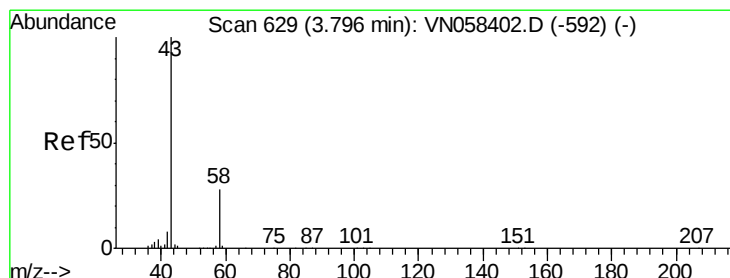
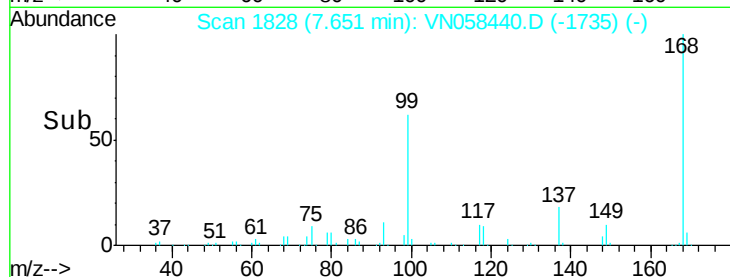
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.879 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058440.D

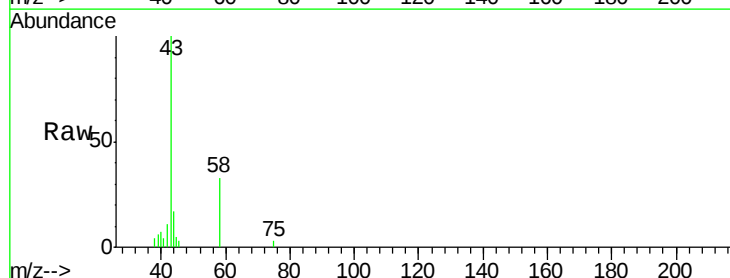
Acq: 30 Sep 2019 17:01

Tgt Ion: 43 Resp: 14205

Ion Ratio Lower Upper

43 100

58 33.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.80

5000

4000

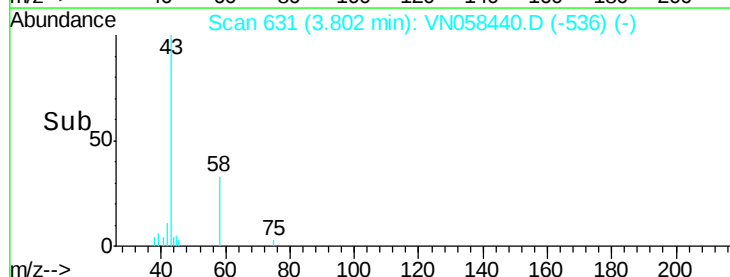
3000

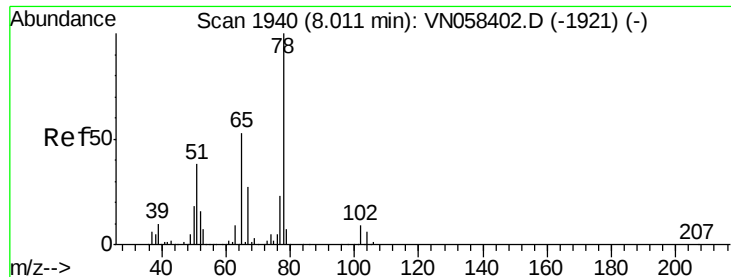
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.633 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058440.D

Acq: 30 Sep 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

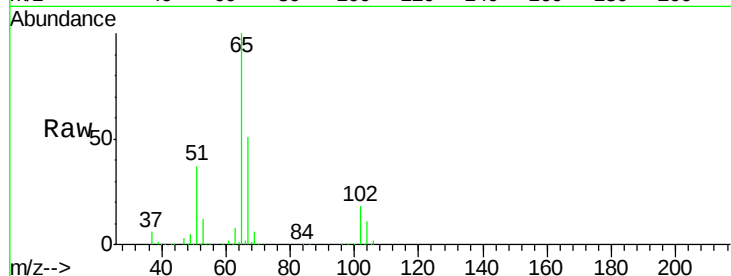
SA-PZ140I-20190925

Tot Ion: 65 Resp: 300656

Ion Ratio Lower Upper

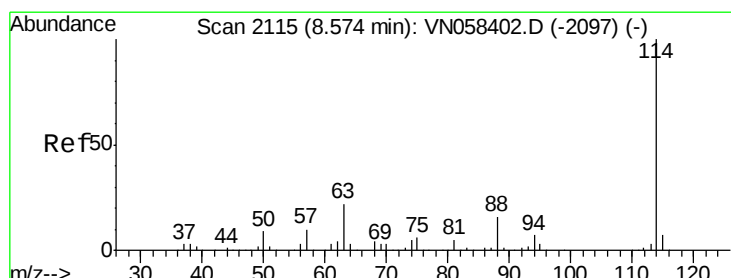
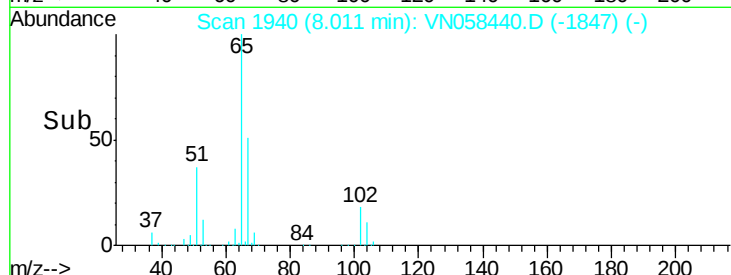
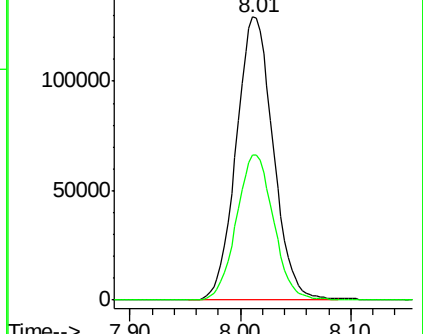
65 100

67 51.6 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN058440.D (-1847) (-)

Ion 66.90 (66.60 to 67.60): VN058440.D (-1847) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058440.D

Acq: 30 Sep 2019 17:01

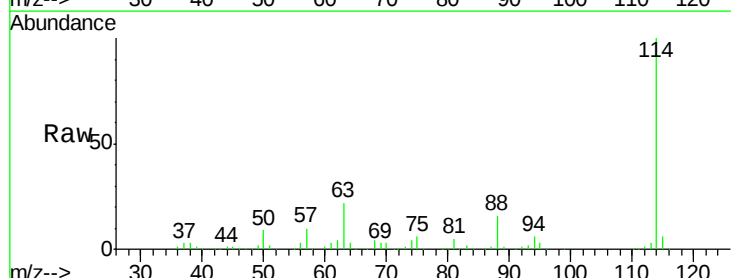
Tgt Ion: 114 Resp: 684430

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.0

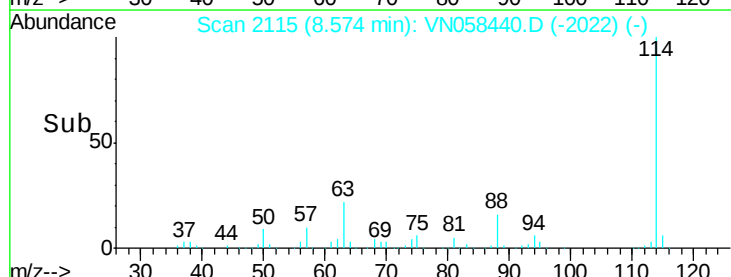
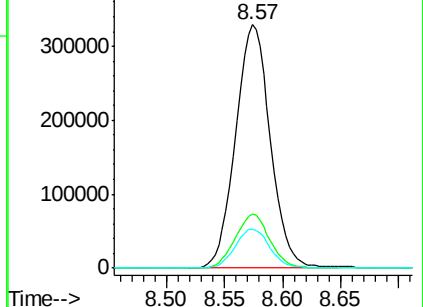
88 16.2 0.0 32.2

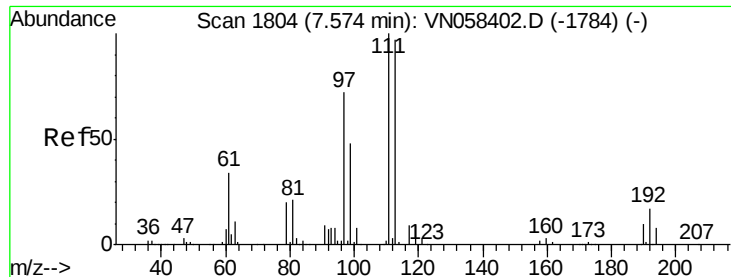


Abundance Ion 113.90 (113.60 to 114.60): VN058440.D (-2022) (-)

Ion 63.00 (62.70 to 63.70): VN058440.D (-2022) (-)

Ion 87.90 (87.60 to 88.60): VN058440.D (-2022) (-)





#35

Dibromofluoromethane

Concen: 50.326 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN058440.D

Acq: 30 Sep 2019 17:01

Instrument :

MSVOA_N

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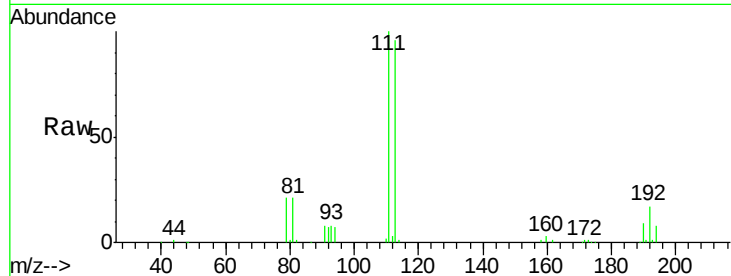
Tot Ion:113 Resp: 211107

Ion Ratio Lower Upper

113 100

111 104.2 83.4 125.2

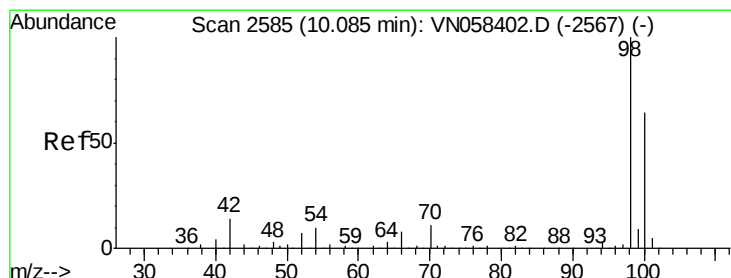
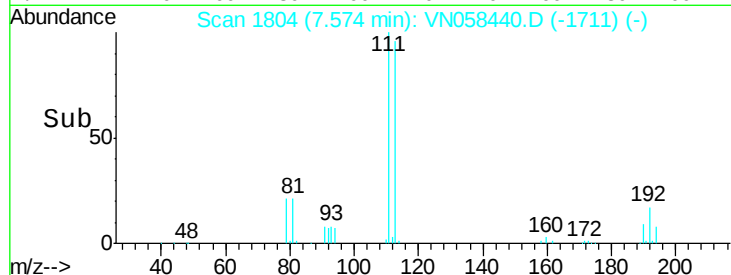
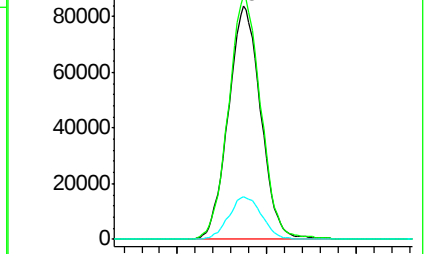
192 18.5 14.9 22.3



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: 51.876 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058440.D

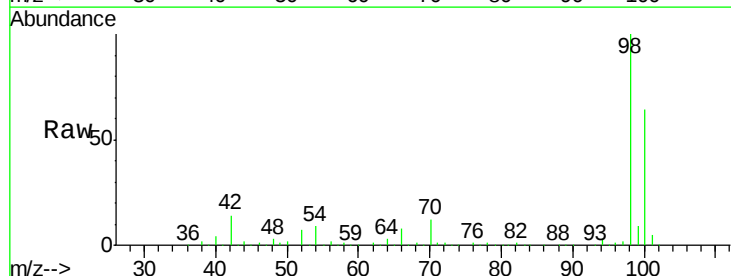
Acq: 30 Sep 2019 17:01

Tgt Ion: 98 Resp: 852471

Ion Ratio Lower Upper

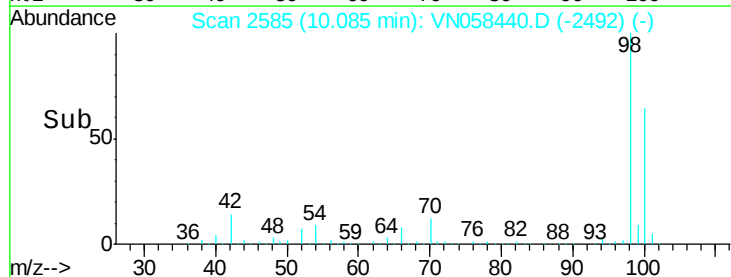
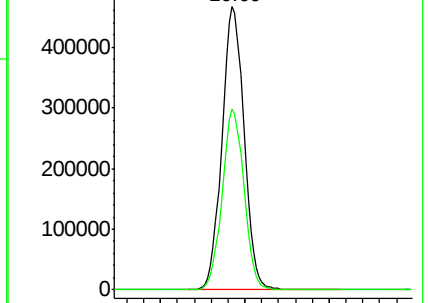
98 100

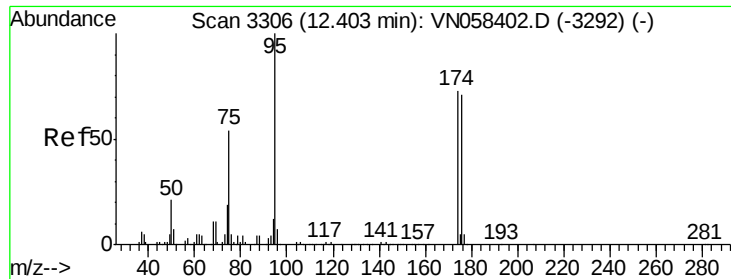
100 63.1 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 45.264 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058440.D

Acq: 30 Sep 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ140I-20190925

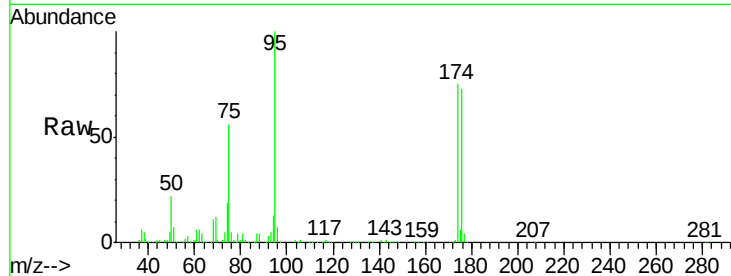
Tot Ion: 95 Resp: 268949

Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.6

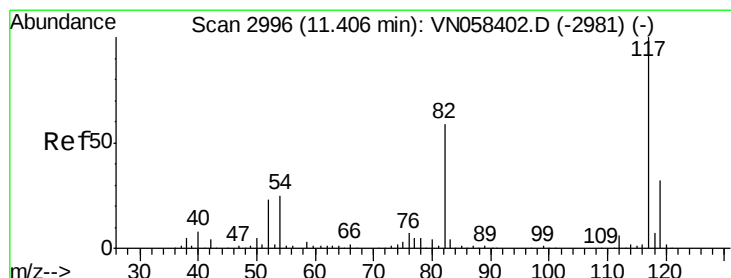
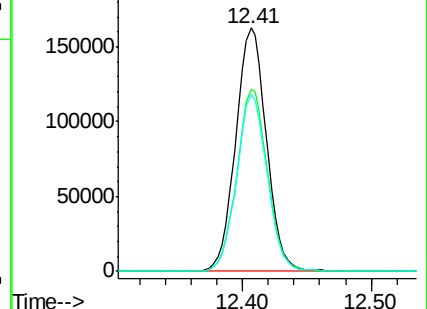
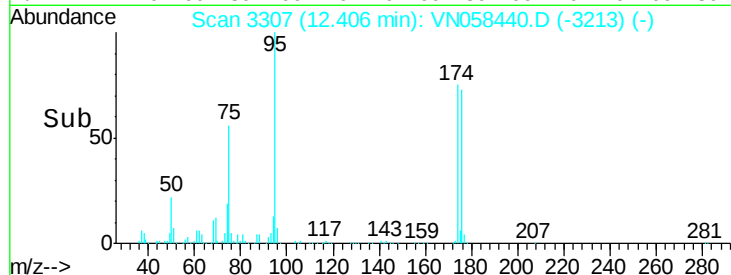
176 72.3 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN058440.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058440.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058440.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058440.D

Acq: 30 Sep 2019 17:01

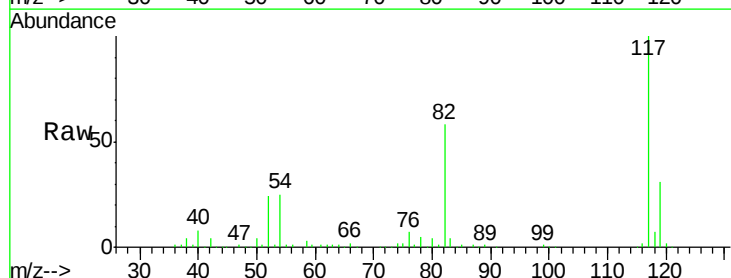
Tgt Ion: 117 Resp: 580393

Ion Ratio Lower Upper

117 100

82 57.5 47.4 71.0

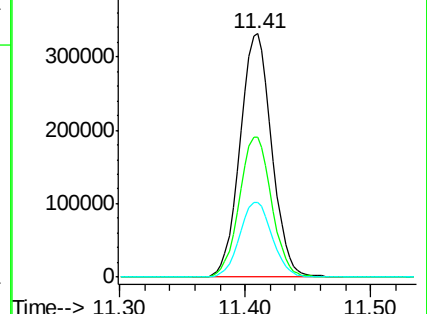
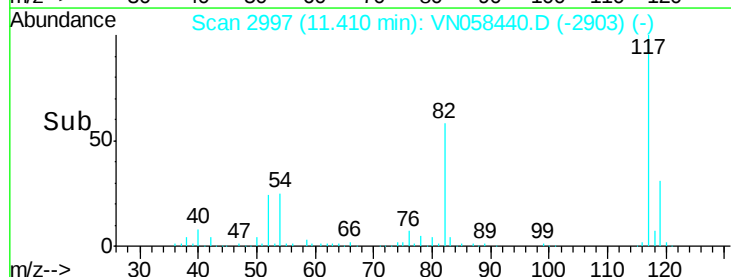
119 30.8 25.5 38.3

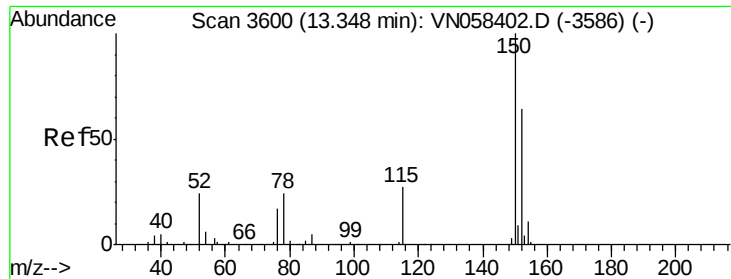


Abundance Ion 116.90 (116.60 to 117.60): VN058440.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058440.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058440.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058440.D

Acq: 30 Sep 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ140I-20190925

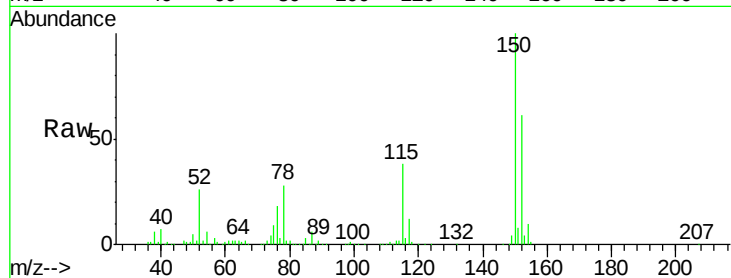
Tot Ion:152 Resp: 223519

Ion Ratio Lower Upper

152 100

115 61.8 30.0 90.0

150 160.9 0.0 348.2



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

