

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092319\
 Data File : VN058297.D
 Acq On : 23 Sep 2019 16:58
 Operator : JC/SP
 Sample : K4975-12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D2-20190918

Quant Time: Oct 01 08:50:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

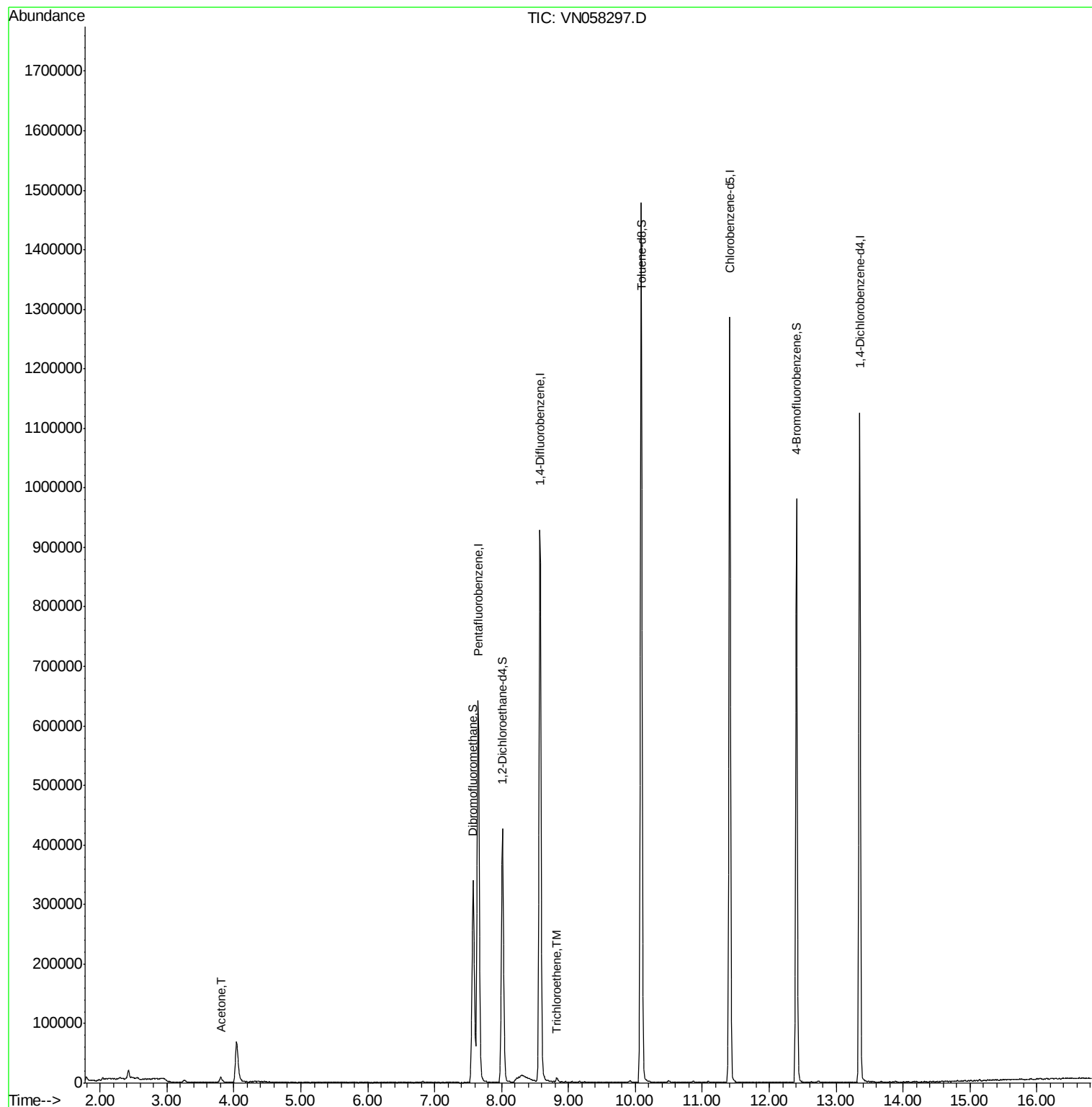
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	493821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	808299	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	697491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	281505	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	369373	53.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.40%	
35) Dibromofluoromethane	7.58	113	253020	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
50) Toluene-d8	10.09	98	1020757	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
62) 4-Bromofluorobenzene	12.41	95	324799	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.34%	
Target Compounds						
16) Acetone	3.81	43	14890	6.378	ug/l	94
44) Trichloroethene	8.82	130	1829	0.420	ug/l	93

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

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QLast Update : Thu Sep 19 09:27:53 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: VN058297.D

Acq: 23 Sep 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

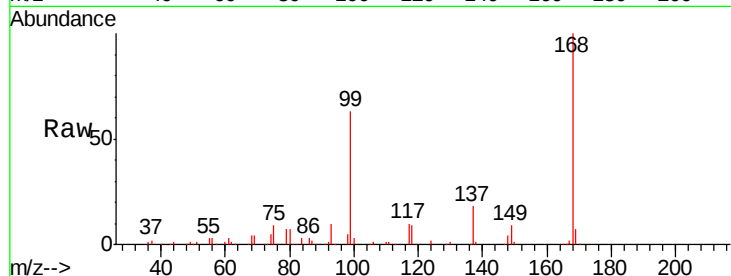
RE117D2-20190918

Tgt Ion:168 Resp: 493821

Ion Ratio Lower Upper

168 100

99 62.7 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): VN058297.D (-1735) (-)

Ion 98.90 (98.60 to 99.60): VN058297.D (-1735) (-)

7.65

200000

150000

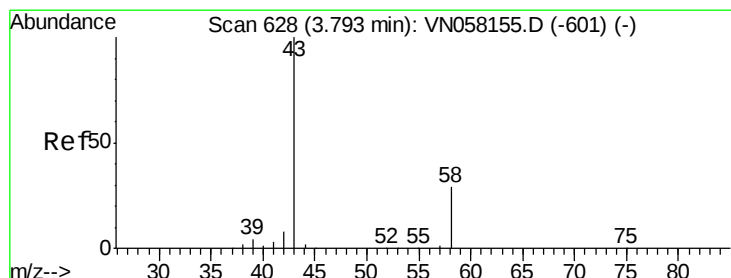
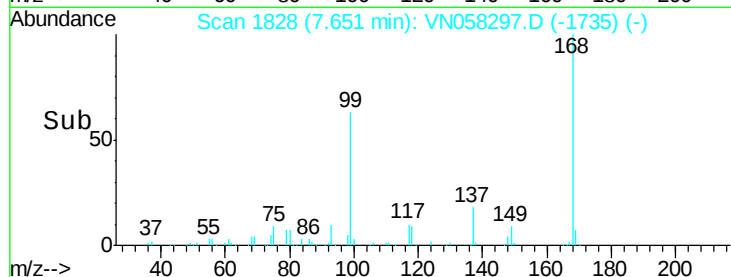
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 6.378 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN058297.D

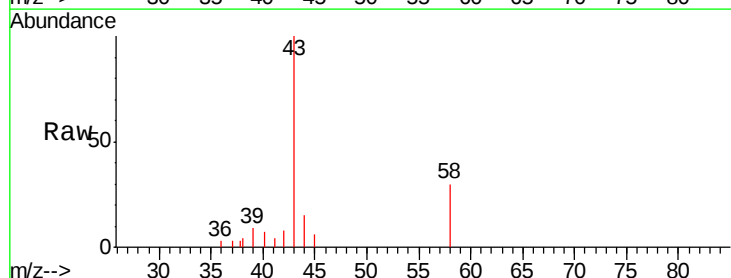
Acq: 23 Sep 2019 16:58

Tgt Ion: 43 Resp: 14890

Ion Ratio Lower Upper

43 100

58 32.7 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN058297.D (-535) (-)

Ion 58.00 (57.70 to 58.70): VN058297.D (-535) (-)

3.81

6000

5000

4000

3000

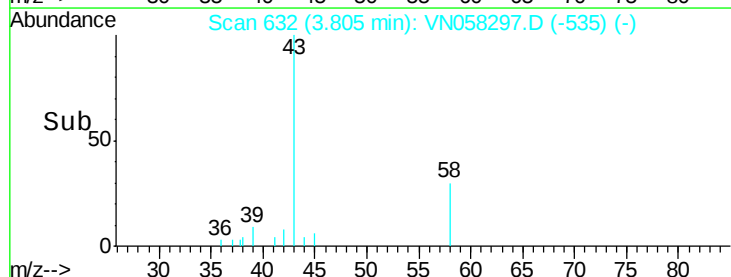
2000

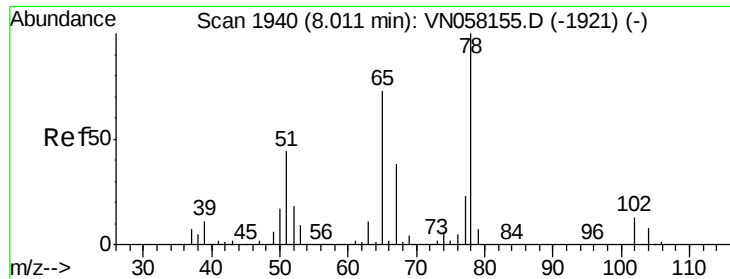
1000

0

3.70 3.75 3.80 3.85 3.90

Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.704 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058297.D

Acq: 23 Sep 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

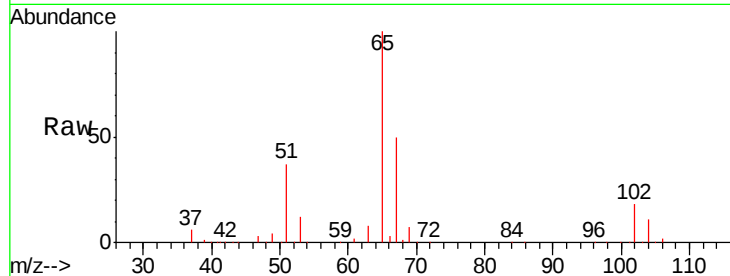
RE117D2-20190918

Tgt Ion: 65 Resp: 369373

Ion Ratio Lower Upper

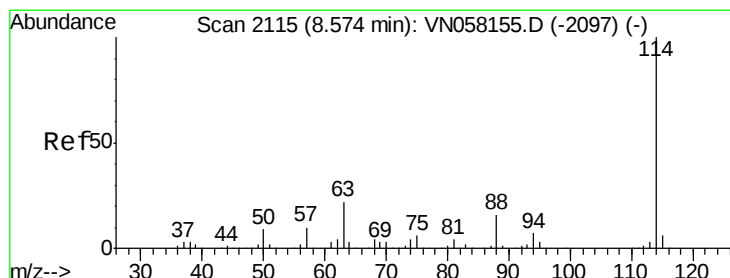
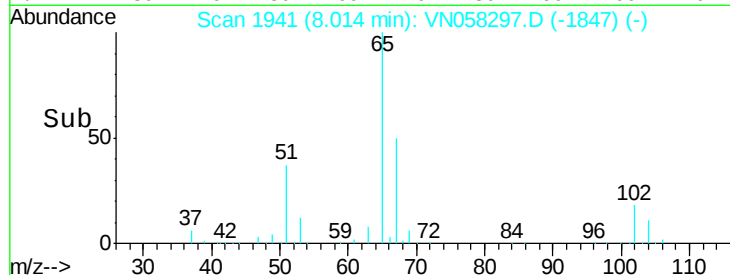
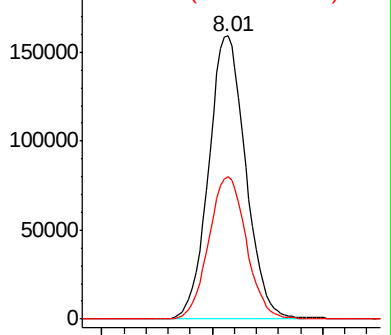
65 100

67 51.3 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN058297.D

Acq: 23 Sep 2019 16:58

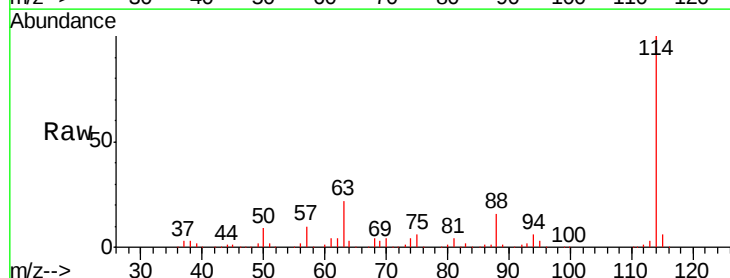
Tgt Ion: 114 Resp: 808299

Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.2

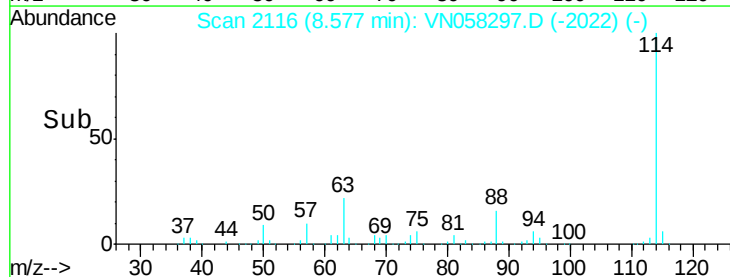
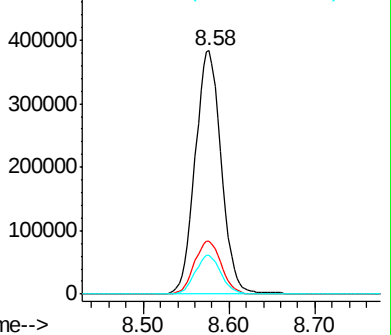
88 15.7 0.0 31.6

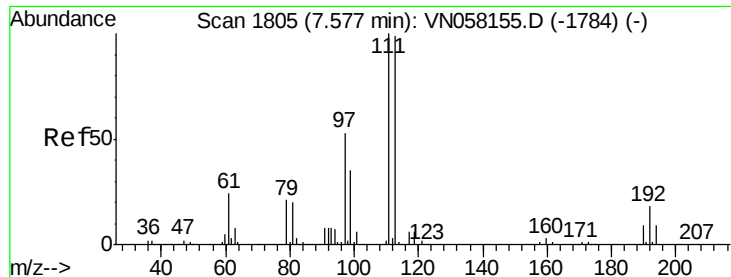


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

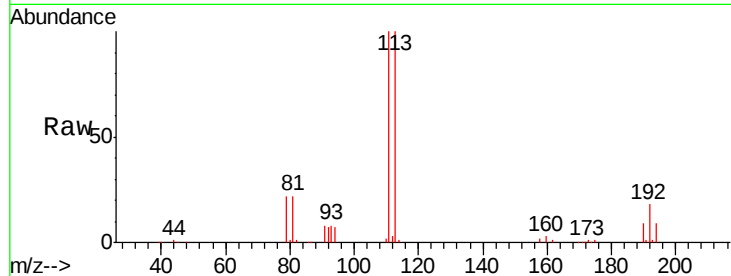




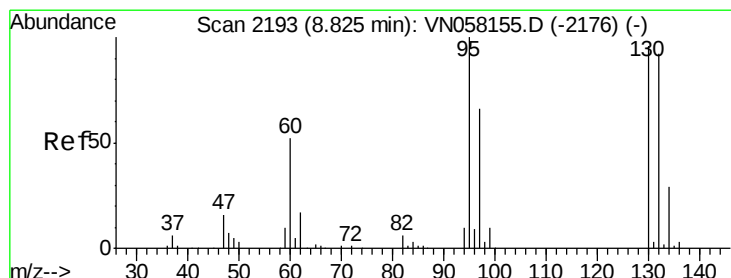
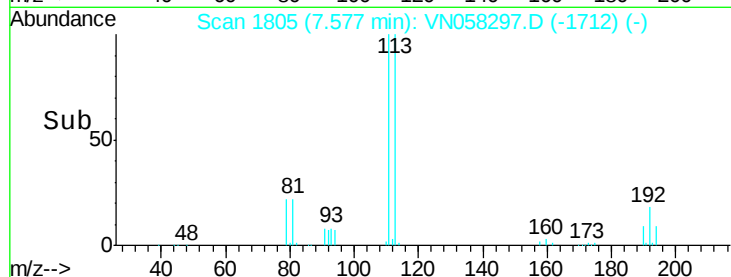
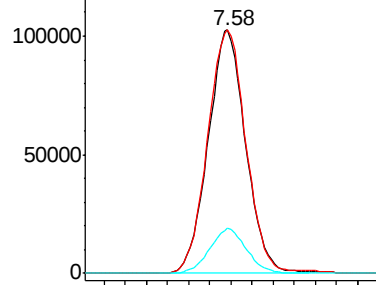
#35
 Dibromofluoromethane
 Concen: 51.492 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN058297.D
 Acq: 23 Sep 2019 16:58

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D2-20190918

Tgt Ion:113 Resp: 253020
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.8 122.6
 192 17.9 14.5 21.7

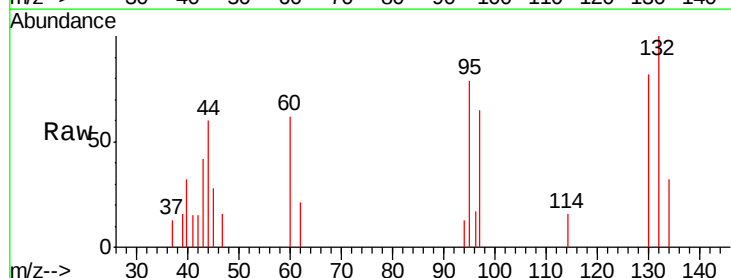


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

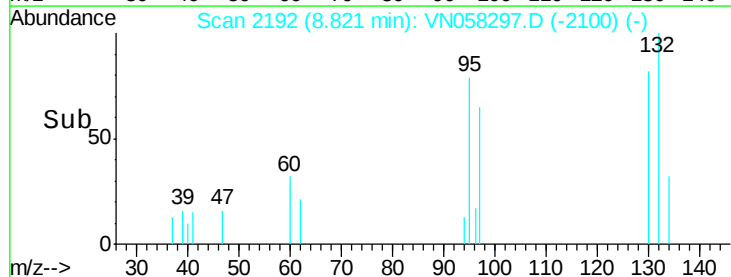
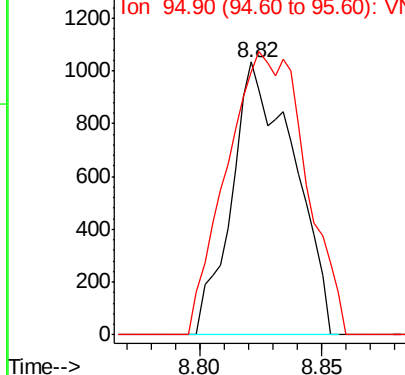


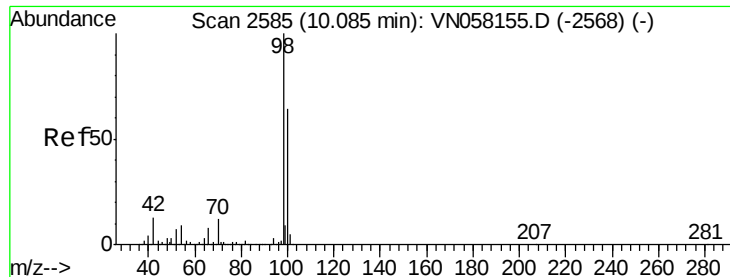
#44
 Trichloroethene
 Concen: 0.420 ug/l
 RT: 8.82 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: VN058297.D
 Acq: 23 Sep 2019 16:58

Tgt Ion:130 Resp: 1829
 Ion Ratio Lower Upper
 130 100
 95 96.4 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 53.317 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058297.D

Acq: 23 Sep 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

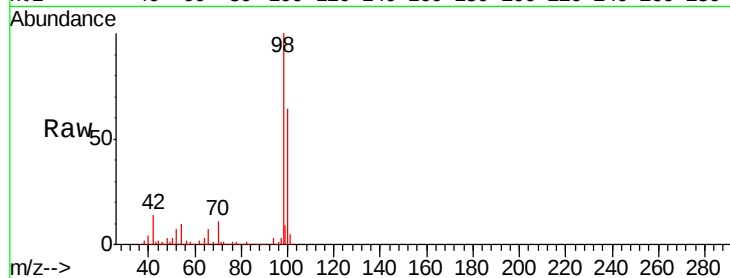
RE117D2-20190918

Tgt Ion: 98 Resp: 1020757

Ion Ratio Lower Upper

98 100

100 63.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

600000

500000

400000

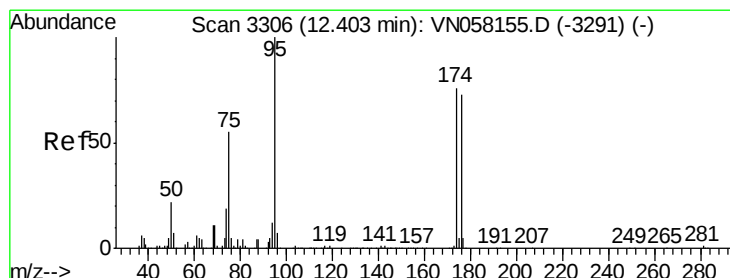
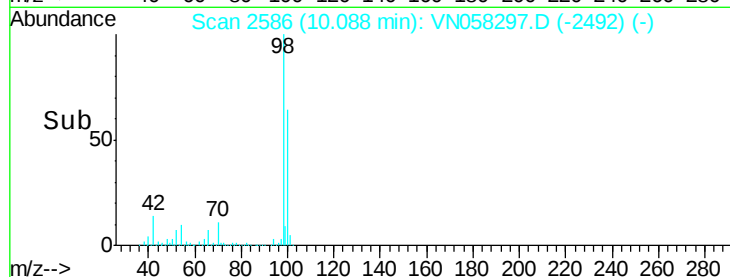
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.671 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058297.D

Acq: 23 Sep 2019 16:58

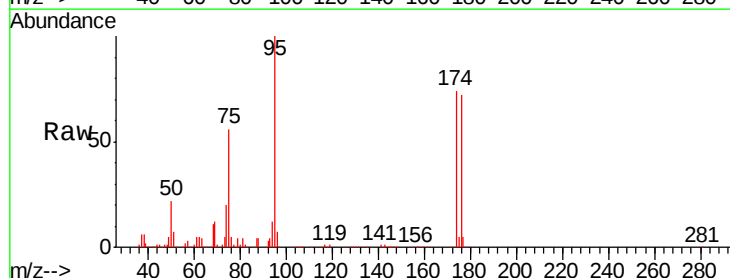
Tgt Ion: 95 Resp: 324799

Ion Ratio Lower Upper

95 100

174 74.8 0.0 152.2

176 72.3 0.0 148.0



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

250000

200000

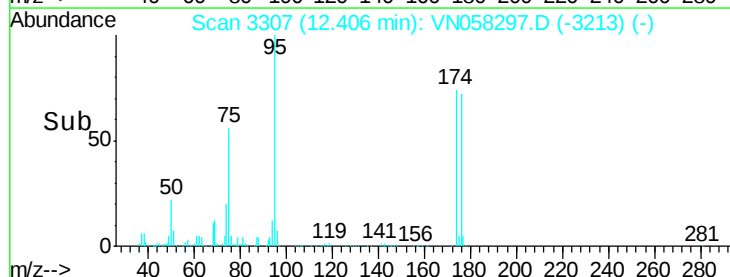
150000

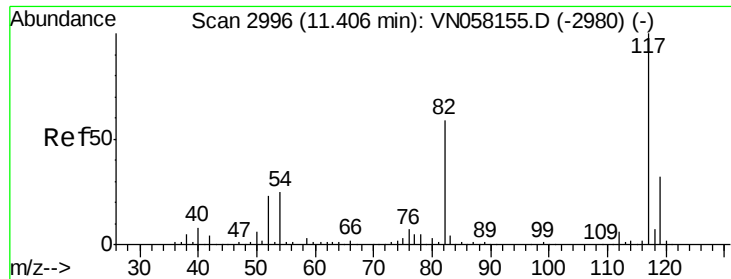
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058297.D

Acq: 23 Sep 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

RE117D2-20190918

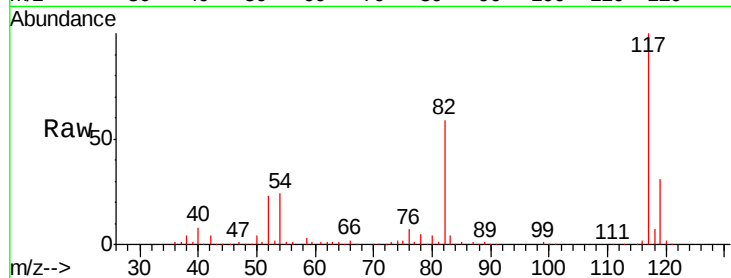
Tgt Ion:117 Resp: 697491

Ion Ratio Lower Upper

117 100

82 59.1 46.9 70.3

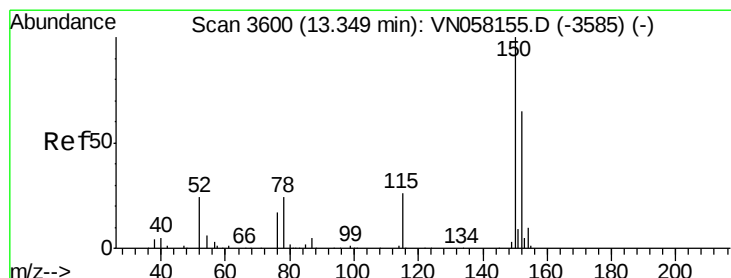
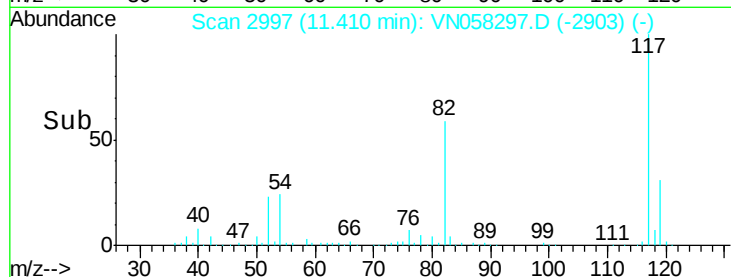
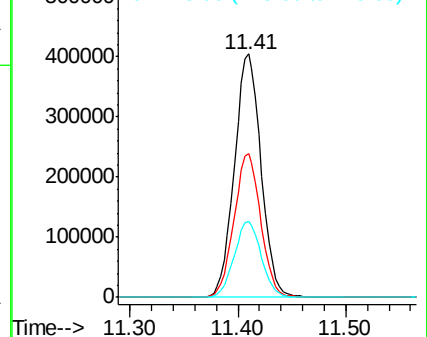
119 31.2 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058297.D

Acq: 23 Sep 2019 16:58

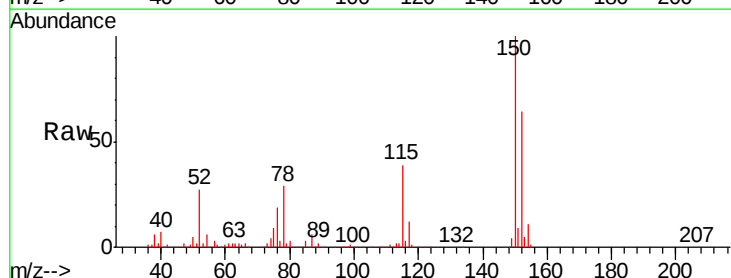
Tgt Ion:152 Resp: 281505

Ion Ratio Lower Upper

152 100

115 61.2 30.1 90.3

150 155.3 0.0 346.4



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

