

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091819\
 Data File : VN058186.D
 Acq On : 19 Sep 2019 00:14
 Operator : JC/SP
 Sample : K4940-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 13158

Quant Time: Sep 19 17:00:04 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

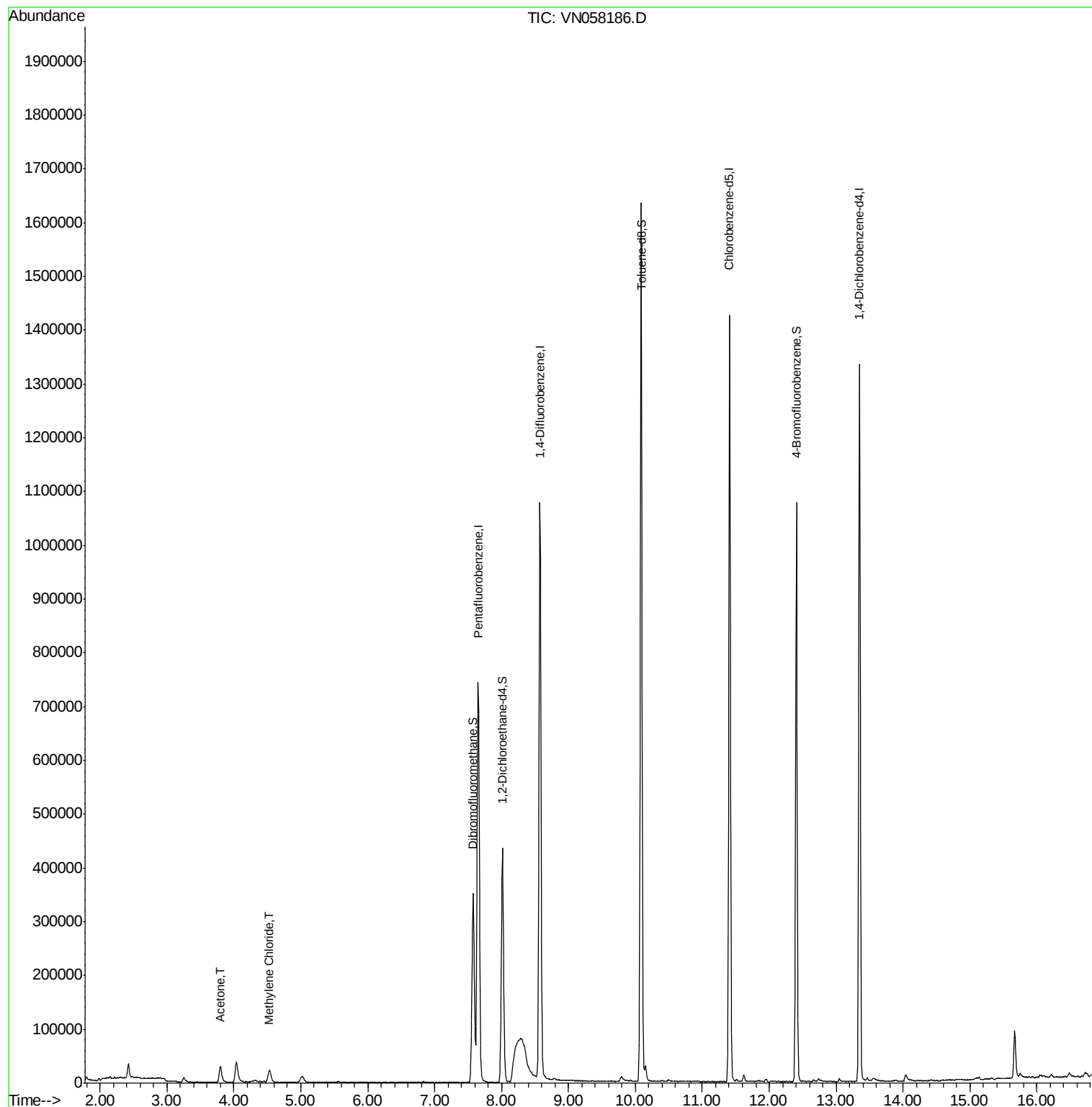
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	589790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	945619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	788168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	336527	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	376180	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	
35) Dibromofluoromethane	7.58	113	267348	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
50) Toluene-d8	10.09	98	1118241	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.41	95	362727	43.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.20%	
Target Compounds						
16) Acetone	3.80	43	50600	18.147	ug/l	97
20) Methylene Chloride	4.54	84	17141	3.304	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058186.D

Acq: 19 Sep 2019 00:14

Instrument :

MSVOA_N

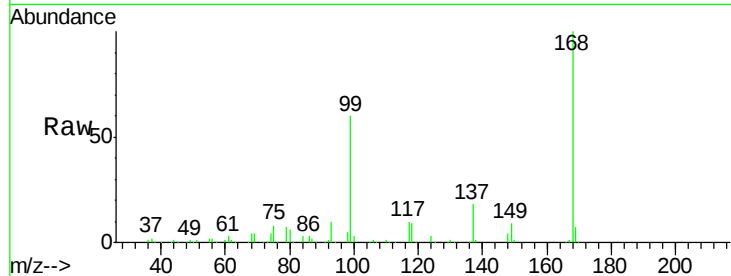
ClientSampled :
13158

Tot Ion:168 Resp: 589790

Ion Ratio Lower Upper

168 100

99 60.0 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

250000

200000

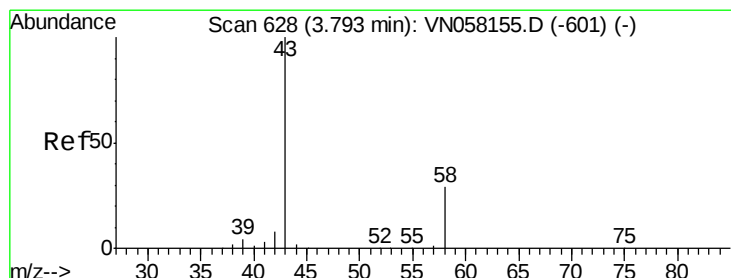
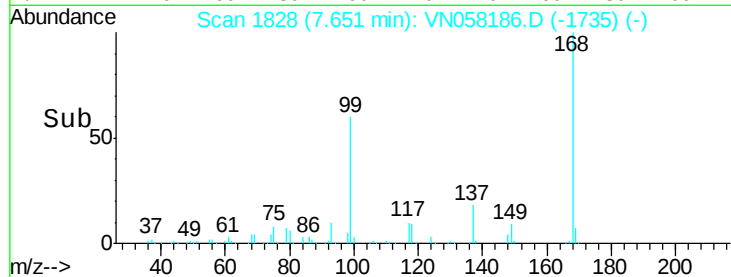
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 18.147 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058186.D

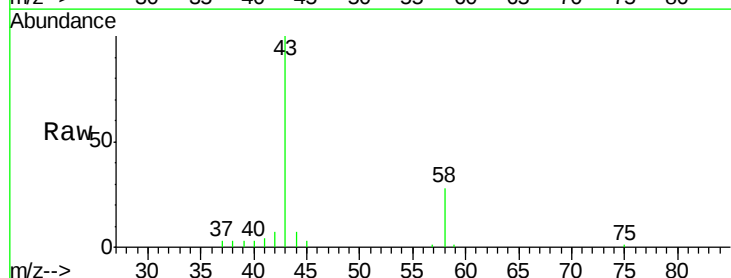
Acq: 19 Sep 2019 00:14

Tgt Ion: 43 Resp: 50600

Ion Ratio Lower Upper

43 100

58 28.0 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

20000

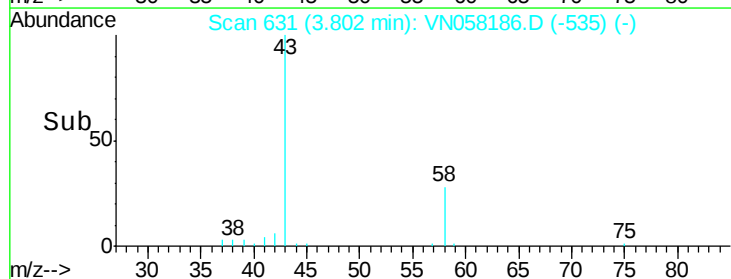
15000

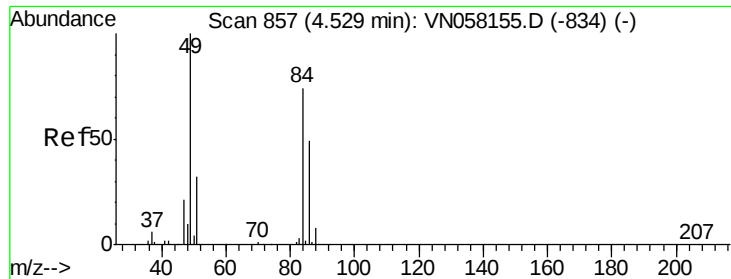
10000

5000

0

Time-->

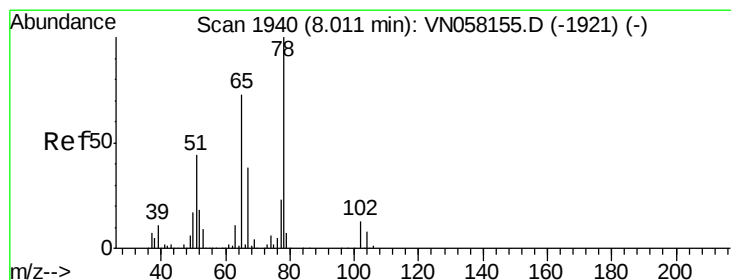
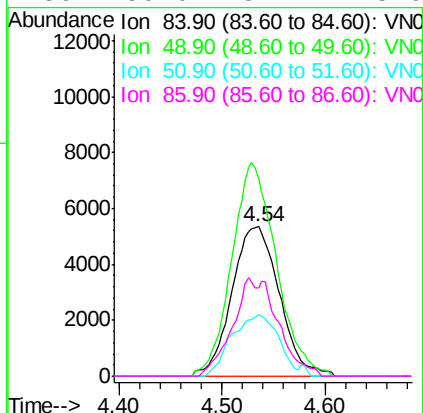
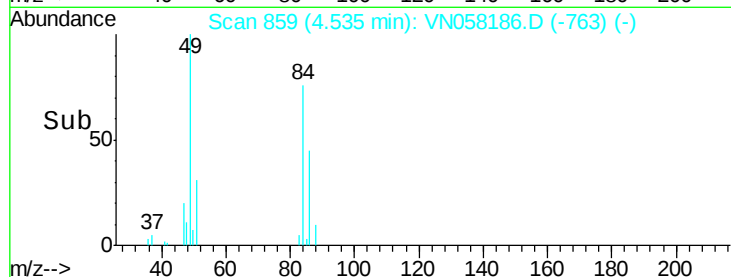
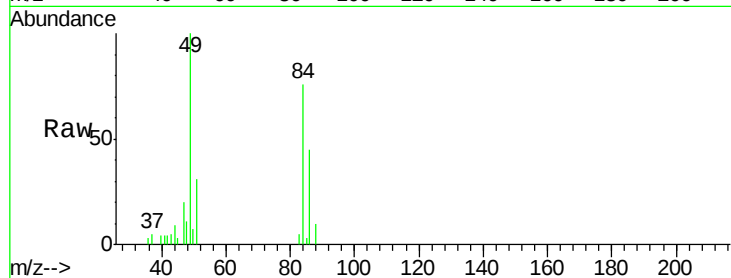




#20
Methvlene Chloride
Concen: 3.304 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.01 min
Lab File: VN058186.D
Acq: 19 Sep 2019 00:14

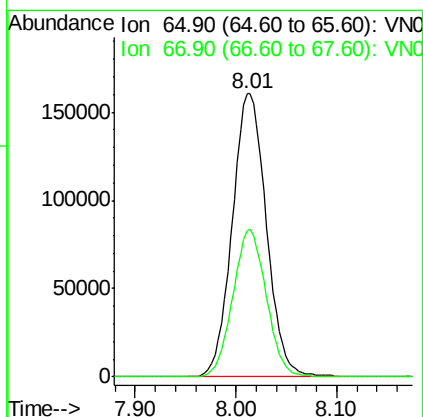
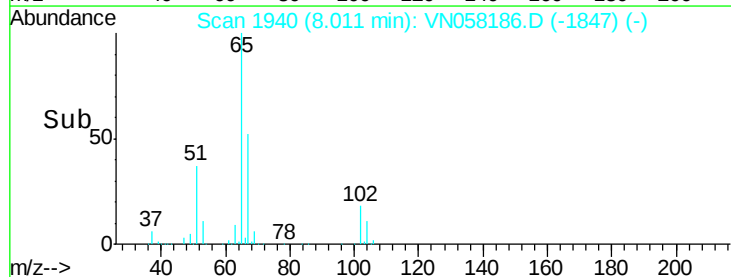
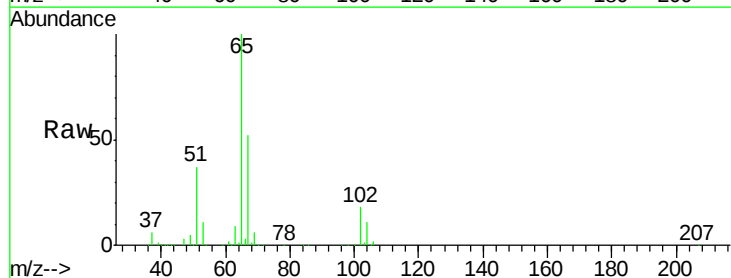
Instrument :
MSVOA_N
ClientSampleId :
13158

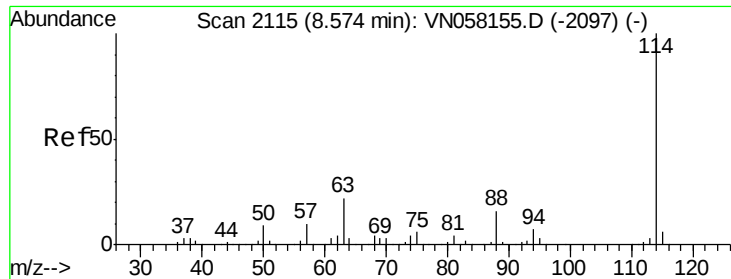
Tot Ion: 84 Resp: 17141
Ion Ratio Lower Upper
84 100
49 132.3 107.5 161.3
51 41.4 33.9 50.9
86 59.0 52.4 78.6



#33
1,2-Dichloroethane-d4
Concen: 45.794 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058186.D
Acq: 19 Sep 2019 00:14

Tgt Ion: 65 Resp: 376180
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4

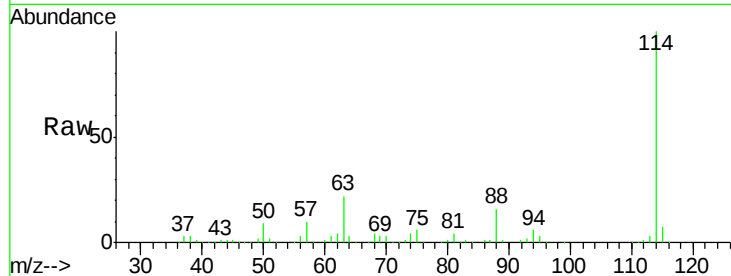




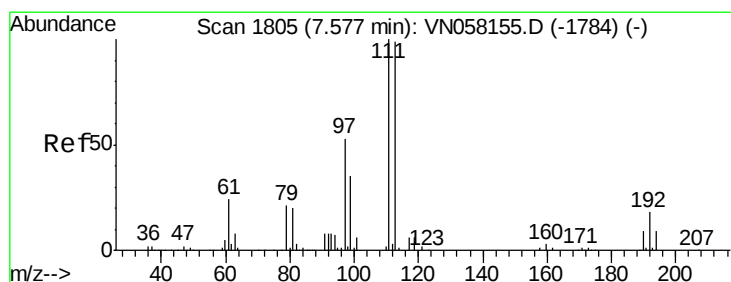
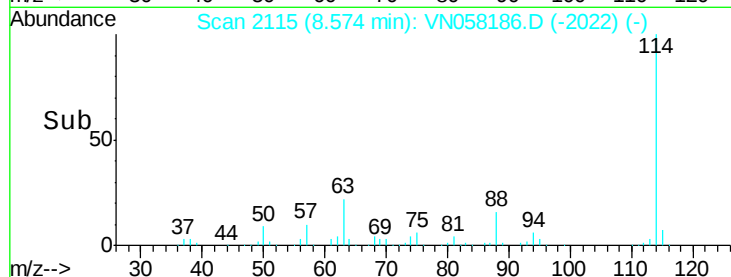
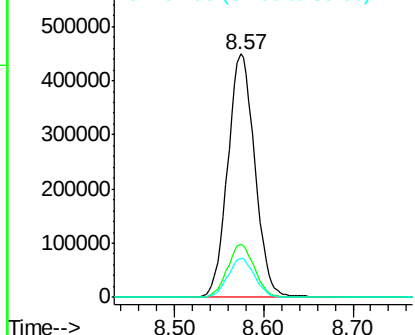
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN058186.D
Acq: 19 Sep 2019 00:14

Instrument :
MSVOA_N
ClientSampleId :
13158

Tot Ion:114 Resp: 945619
Ion Ratio Lower Upper
114 100
63 21.8 0.0 44.2
88 16.1 0.0 31.6

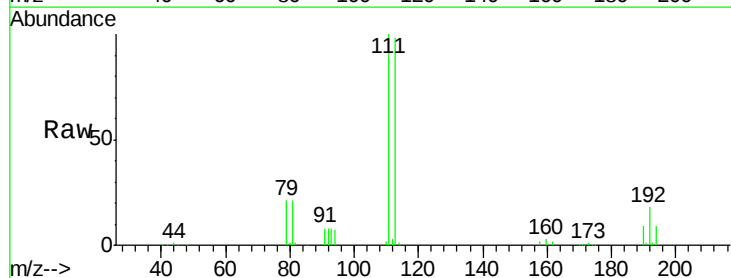


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

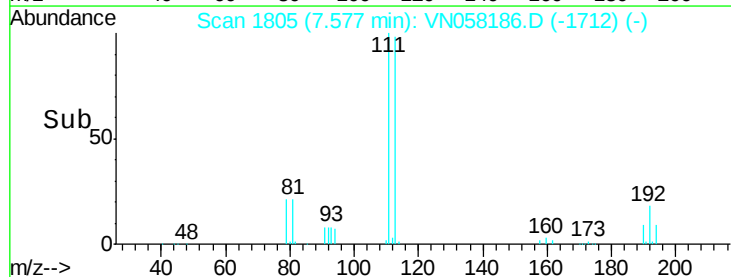
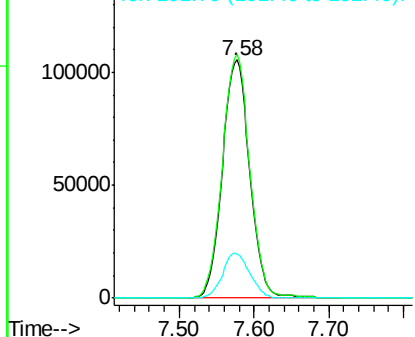


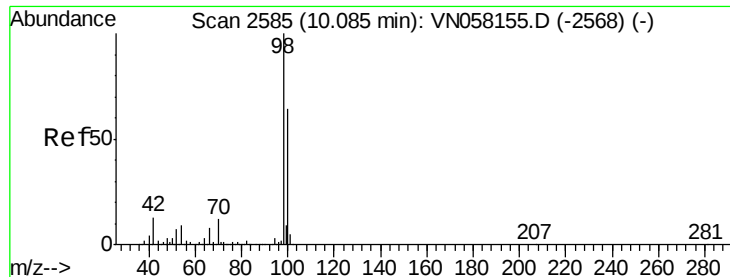
#35
Dibromofluoromethane
Concen: 46.507 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN058186.D
Acq: 19 Sep 2019 00:14

Tgt Ion:113 Resp: 267348
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.6
192 18.7 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





#50

Toluene-d8

Concen: 49.927 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058186.D

Acq: 19 Sep 2019 00:14

Instrument :

MSVOA_N

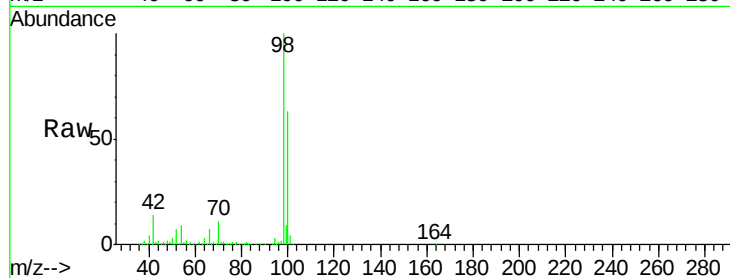
ClientSampleId :
13158

Tot Ion: 98 Resp: 1118241

Ion Ratio Lower Upper

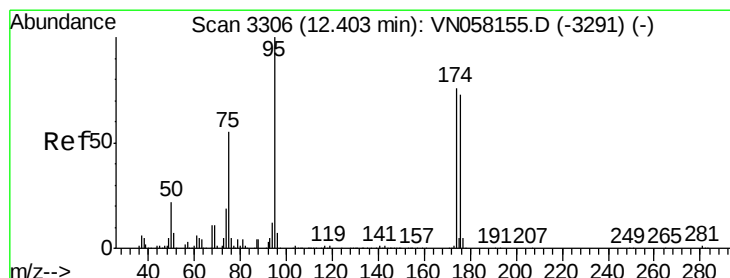
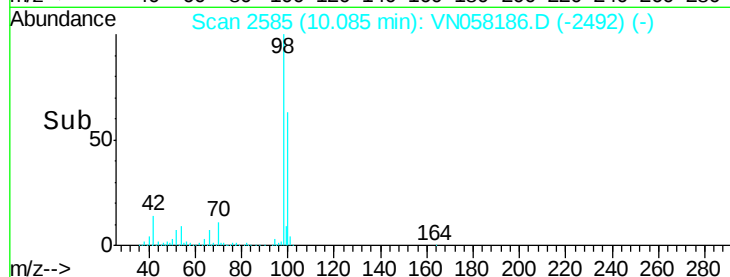
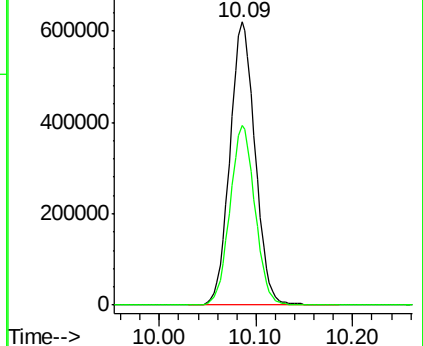
98 100

100 63.1 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN058186.D (-2492) (-)

Ion 100.00 (99.70 to 100.70): VN058186.D (-2492) (-)



#62

4-Bromofluorobenzene

Concen: 43.598 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058186.D

Acq: 19 Sep 2019 00:14

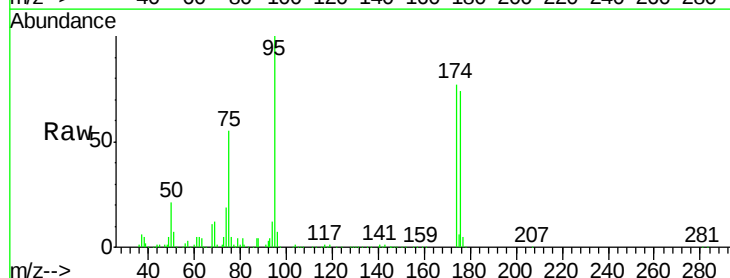
Tgt Ion: 95 Resp: 362727

Ion Ratio Lower Upper

95 100

174 75.8 0.0 152.2

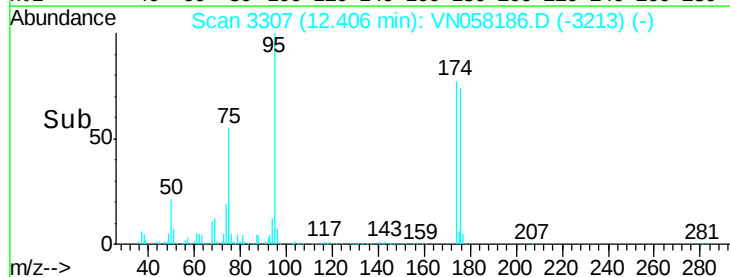
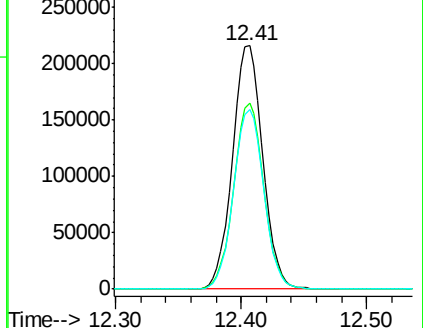
176 73.8 0.0 148.0

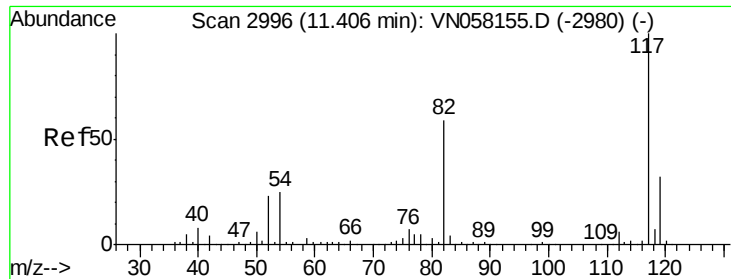


Abundance Ion 94.90 (94.60 to 95.60): VN058186.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058186.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058186.D (-3213) (-)

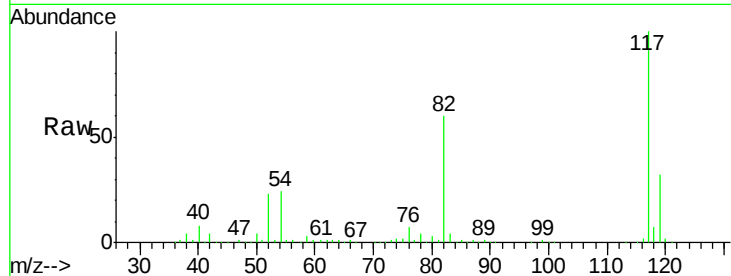




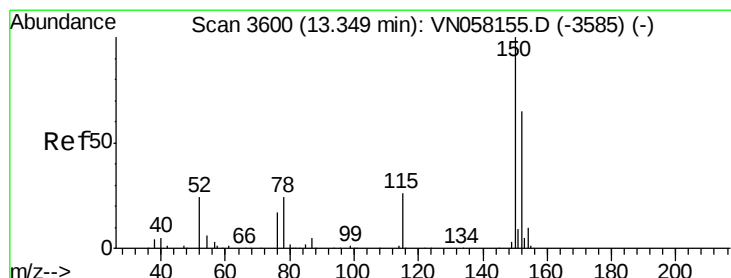
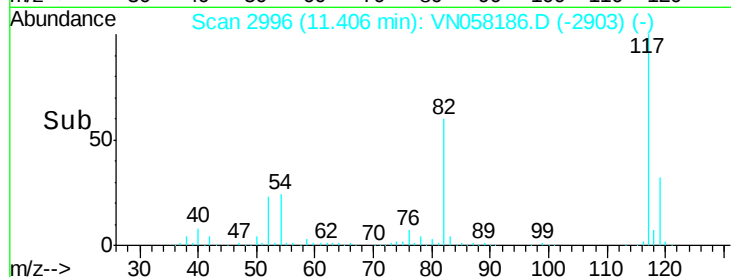
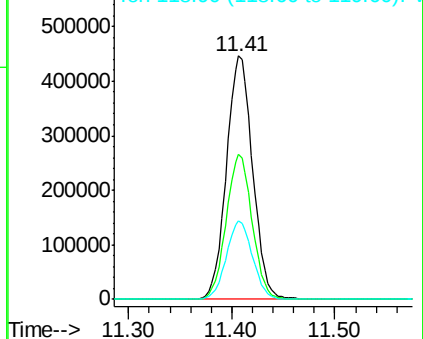
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058186.D
Acq: 19 Sep 2019 00:14

Instrument :
MSVOA_N
ClientSampled :
13158

Tot Ion:117 Resp: 788168
Ion Ratio Lower Upper
117 100
82 59.6 46.9 70.3
119 32.4 25.3 37.9

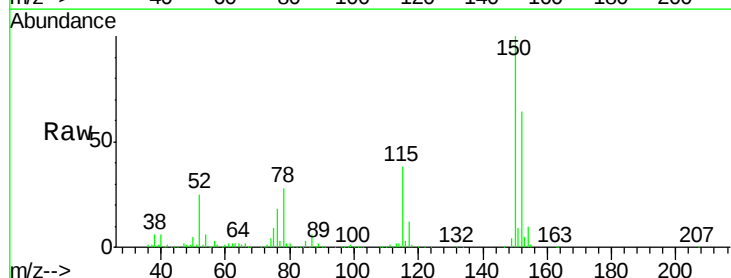


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058186.D
Acq: 19 Sep 2019 00:14

Tgt Ion:152 Resp: 336527
Ion Ratio Lower Upper
152 100
115 61.2 30.1 90.3
150 157.6 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

