

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091919\
 Data File : VN058196.D
 Acq On : 19 Sep 2019 11:40
 Operator : JC/SP
 Sample : K4896-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D2-20190912

Quant Time: Sep 20 07:48:50 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

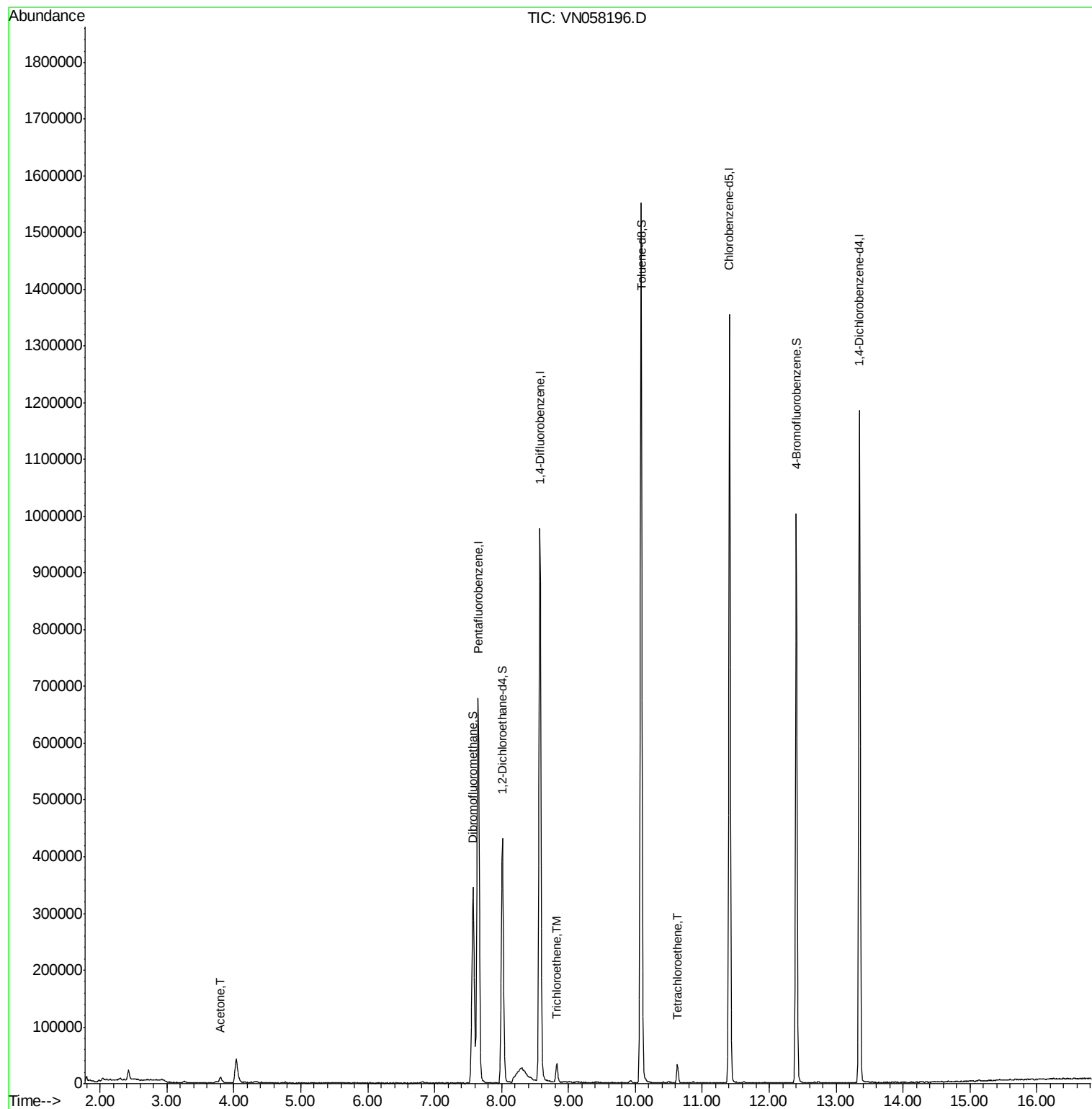
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	532372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	861421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	733514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	301190	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	373263	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
35) Dibromofluoromethane	7.58	113	260148	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
50) Toluene-d8	10.08	98	1061862	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.40	95	340791	44.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.92%	
Target Compounds						
16) Acetone	3.80	43	18643	7.407	ug/l	89
44) Trichloroethene	8.83	130	11250	2.423	ug/l	90
64) Tetrachloroethene	10.63	164	7098	1.985	ug/l	94

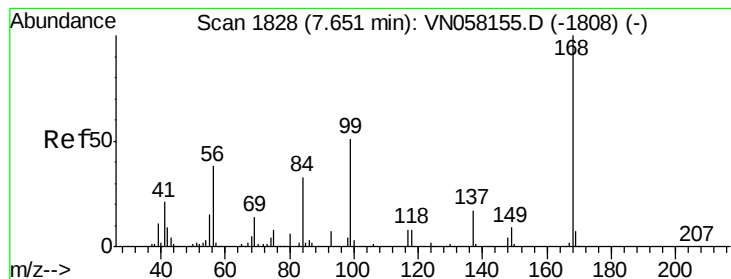
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091919\
Data File : VN058196.D
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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: VN058196.D

Acq: 19 Sep 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

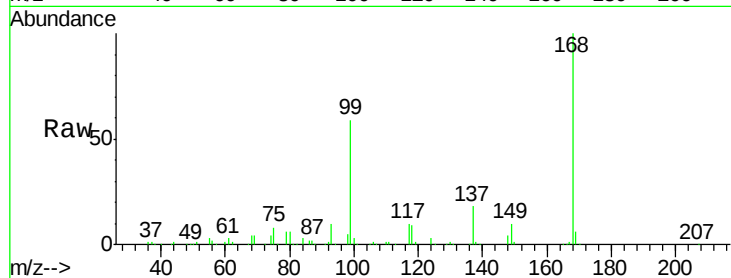
RE123D2-20190912

Tot Ion:168 Resp: 532372

Ion Ratio Lower Upper

168 100

99 58.9 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

250000

200000

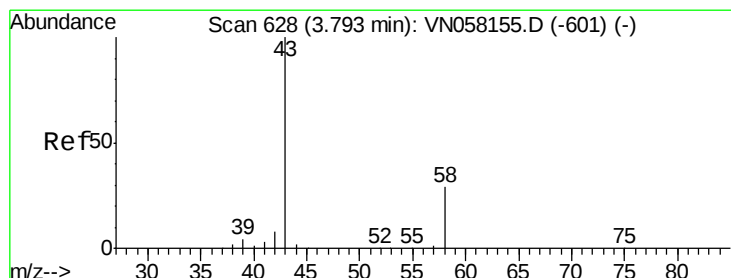
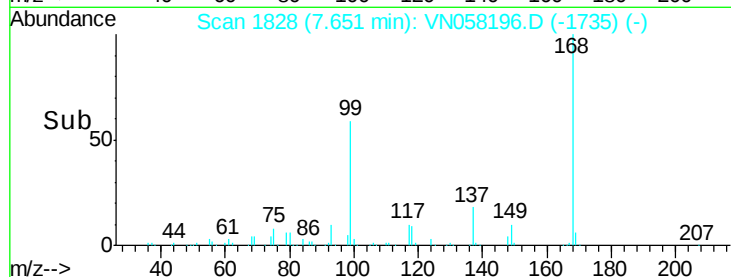
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.407 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058196.D

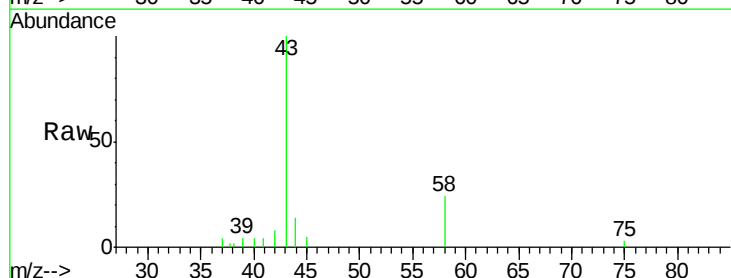
Acq: 19 Sep 2019 11:40

Tgt Ion: 43 Resp: 18643

Ion Ratio Lower Upper

43 100

58 23.5 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

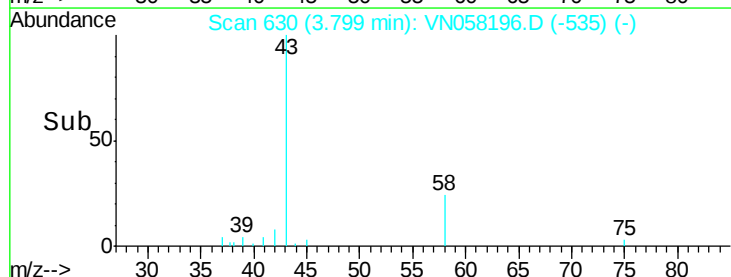
6000

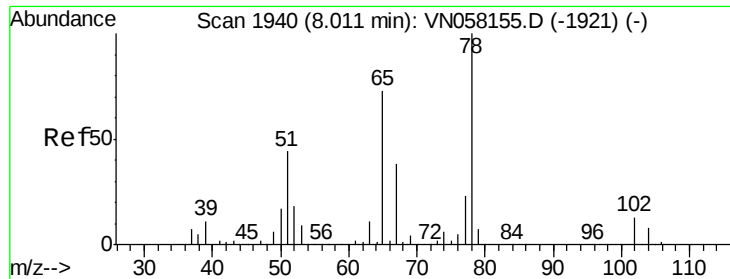
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2000

0

Time-->

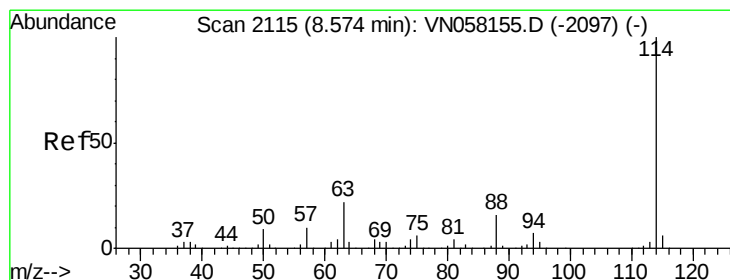
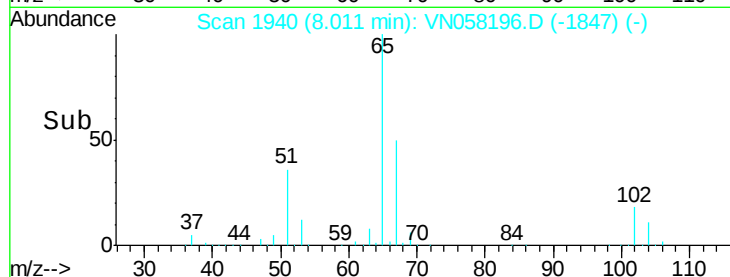
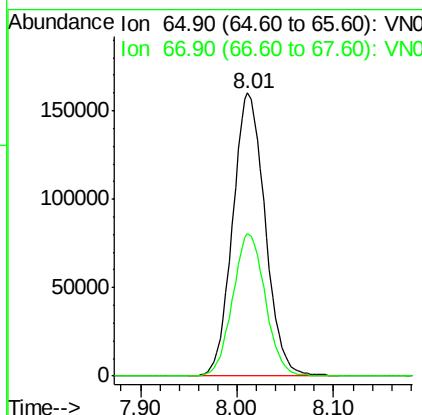
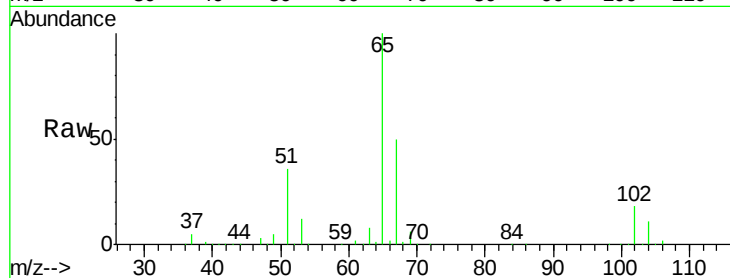




#33
 1,2-Dichloroethane-d4
 Concen: 50.340 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058196.D
 Acq: 19 Sep 2019 11:40

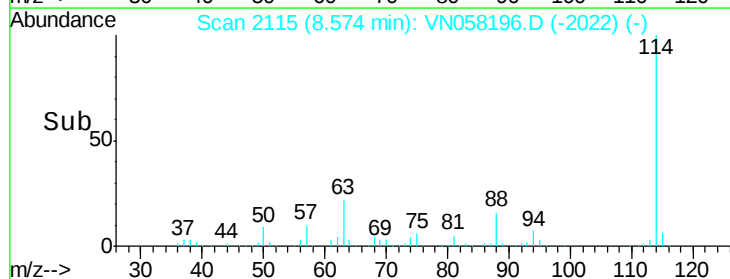
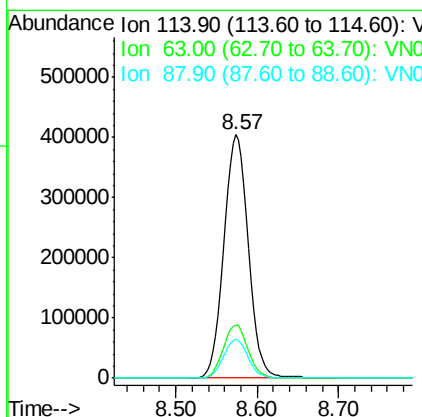
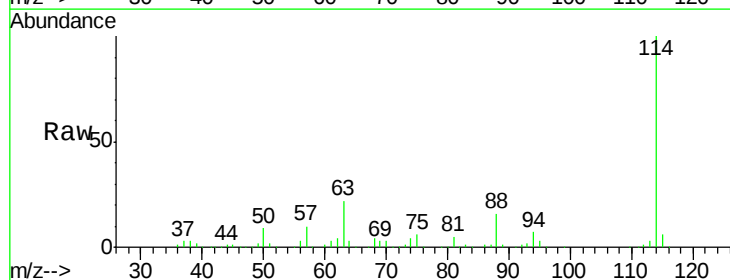
Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D2-20190912

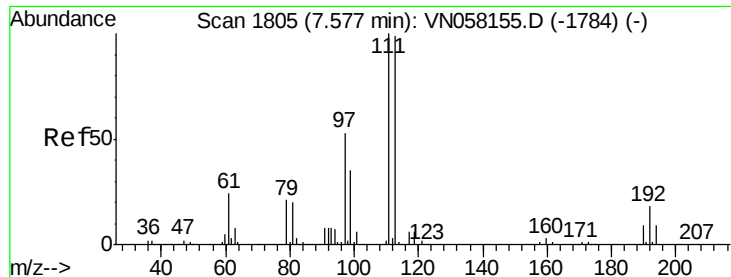
Tot Ion: 65 Resp: 373263
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058196.D
 Acq: 19 Sep 2019 11:40

Tgt Ion: 114 Resp: 861421
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 44.2
 88 15.8 0.0 31.6

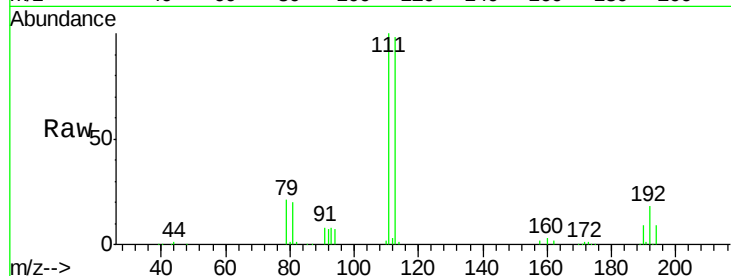




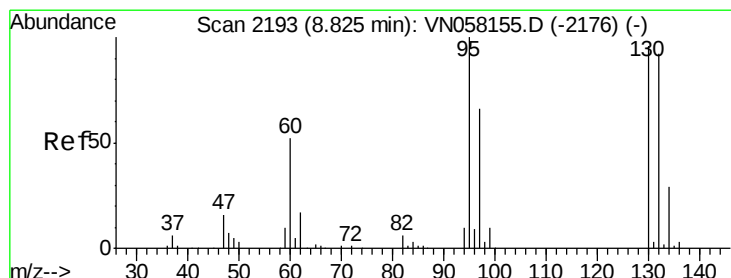
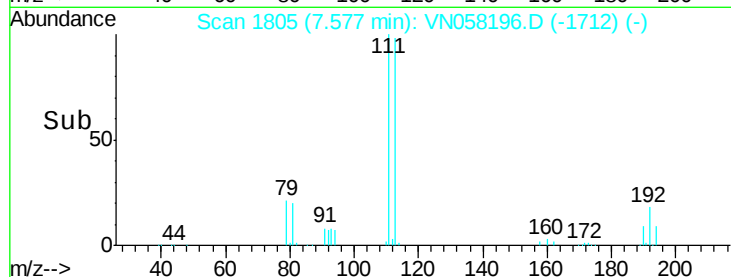
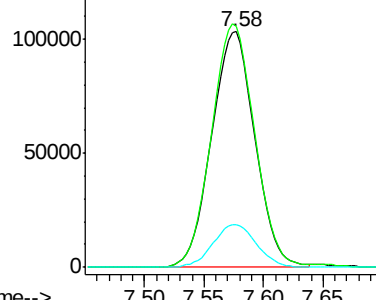
#35
Dibromofluoromethane
Concen: 49.678 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN058196.D
Acq: 19 Sep 2019 11:40

Instrument :
MSVOA_N
ClientSampleId :
RE123D2-20190912

Tot Ion:113 Resp: 260148
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.6
192 18.3 14.5 21.7

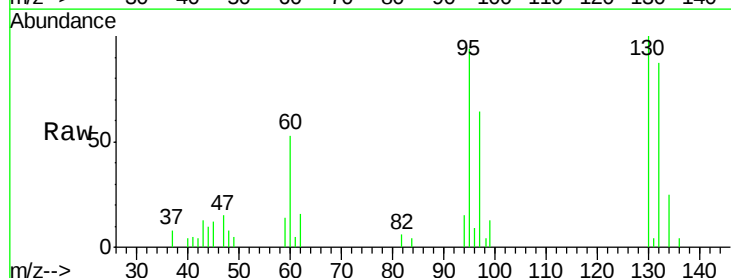


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

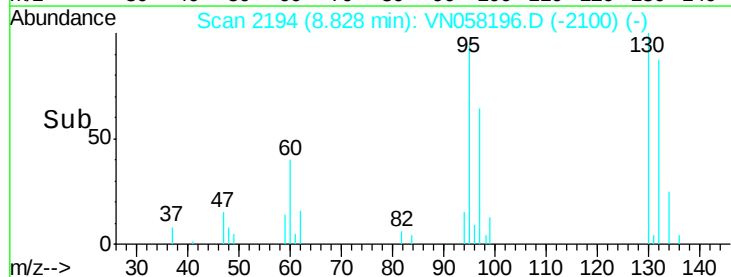
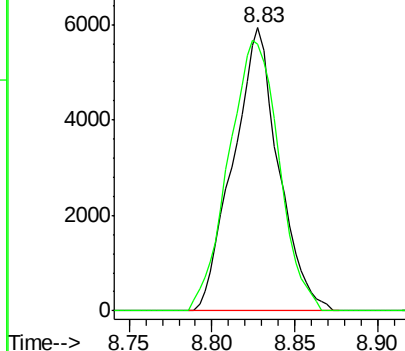


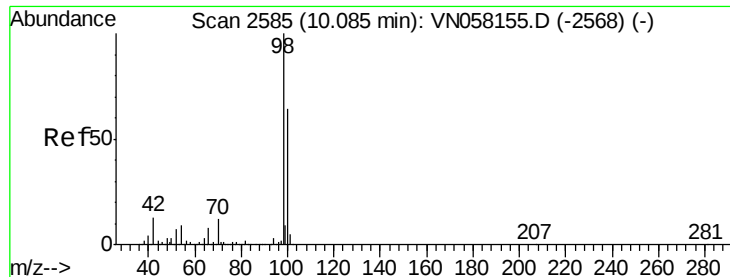
#44
Trichloroethene
Concen: 2.423 ug/l
RT: 8.83 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VN058196.D
Acq: 19 Sep 2019 11:40

Tgt Ion:130 Resp: 11250
Ion Ratio Lower Upper
130 100
95 94.0 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: 52.043 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058196.D

Acq: 19 Sep 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

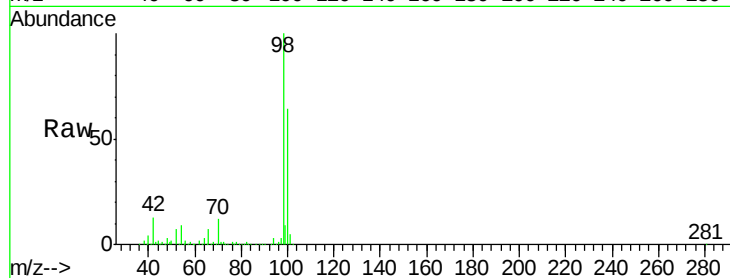
RE123D2-20190912

Tot Ion: 98 Resp: 1061862

Ion Ratio Lower Upper

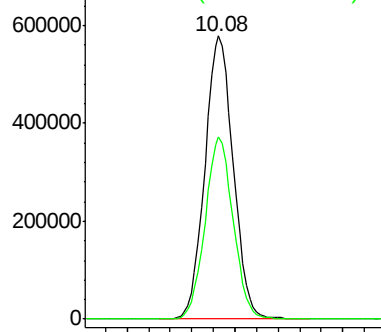
98 100

100 63.7 51.1 76.7

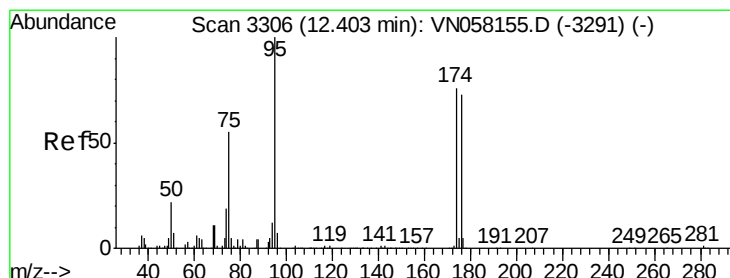
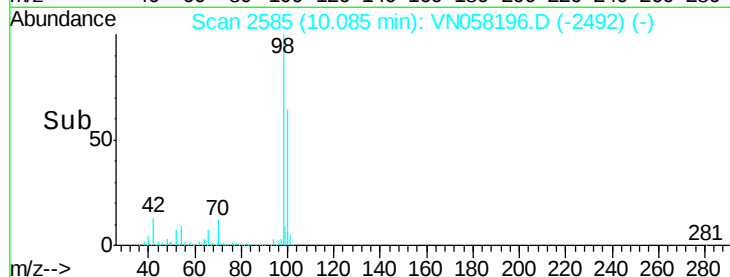


Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



Time-->



#62

4-Bromofluorobenzene

Concen: 44.965 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058196.D

Acq: 19 Sep 2019 11:40

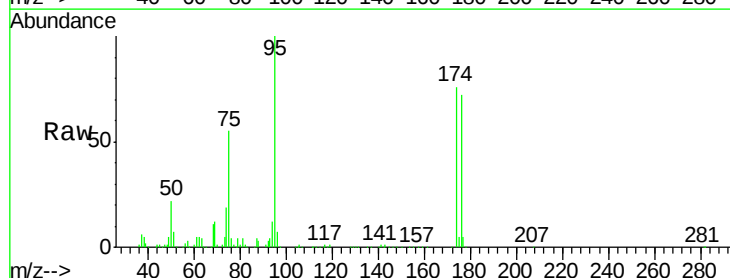
Tgt Ion: 95 Resp: 340791

Ion Ratio Lower Upper

95 100

174 76.5 0.0 152.2

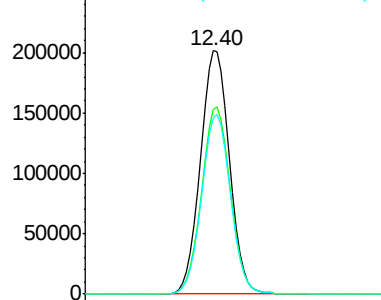
176 73.4 0.0 148.0



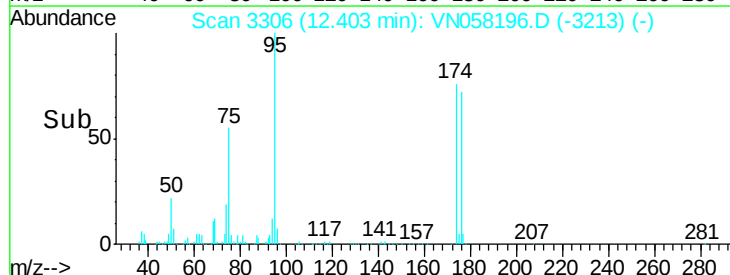
Abundance Ion 94.90 (94.60 to 95.60): VN0

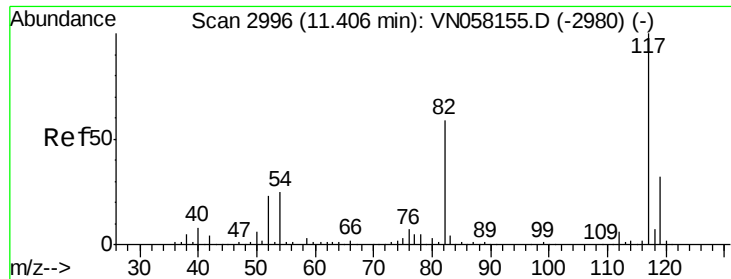
Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN



Time-->

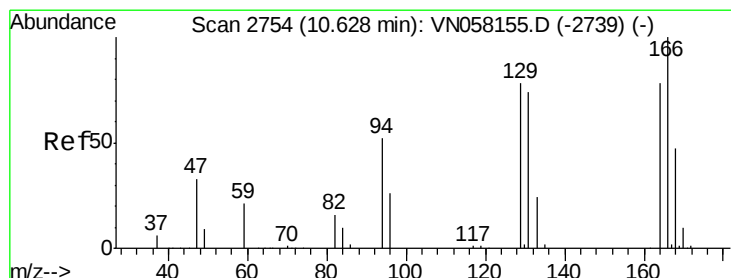
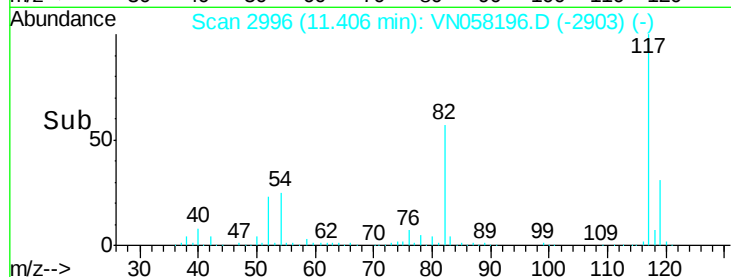
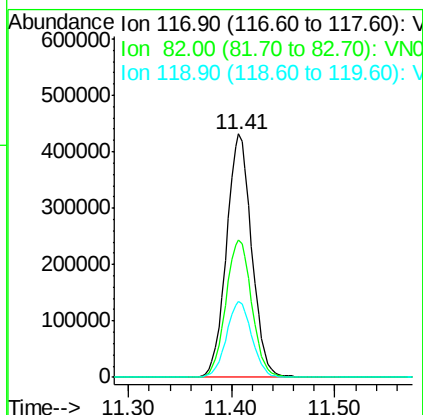
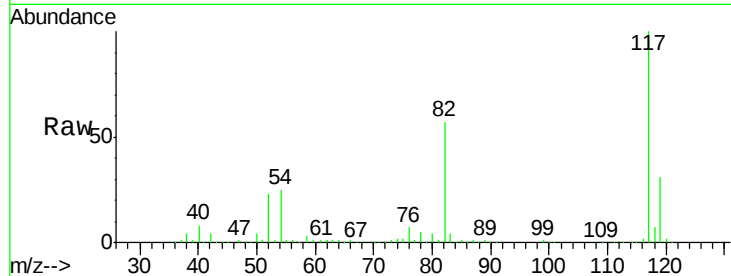




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058196.D
Acq: 19 Sep 2019 11:40

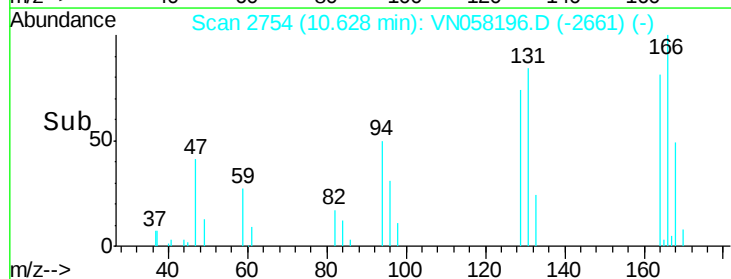
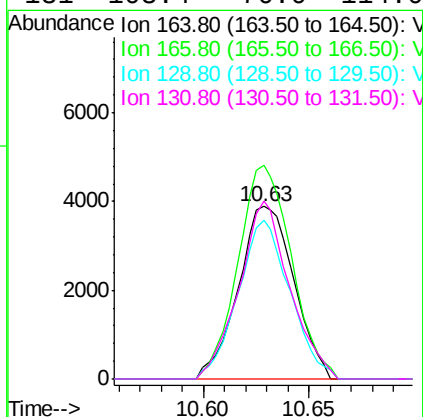
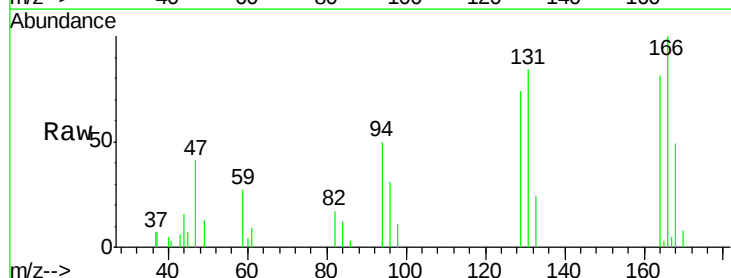
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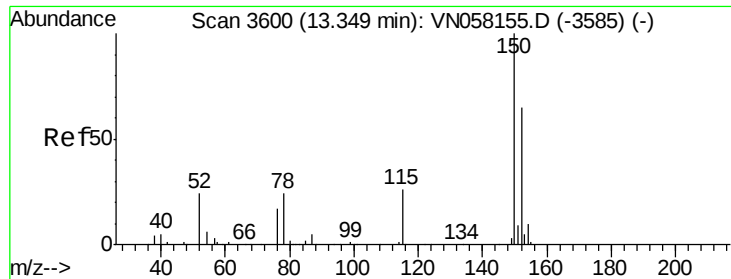
Tot Ion:117 Resp: 733514
Ion Ratio Lower Upper
117 100
82 56.7 46.9 70.3
119 31.0 25.3 37.9



#64
Tetrachloroethene
Concen: 1.985 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058196.D
Acq: 19 Sep 2019 11:40

Tgt Ion:164 Resp: 7098
Ion Ratio Lower Upper
164 100
166 123.7 102.2 153.4
129 92.2 79.6 119.4
131 103.4 76.0 114.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058196.D

Acq: 19 Sep 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

RE123D2-20190912

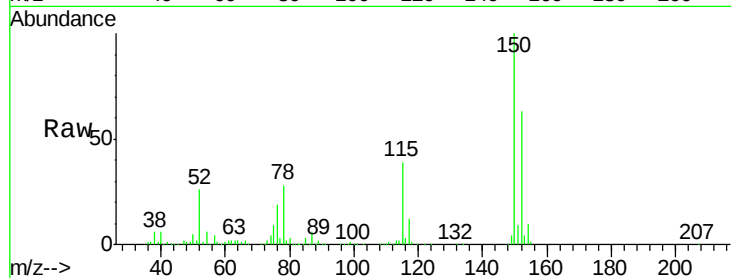
Tot Ion:152 Resp: 301190

Ion Ratio Lower Upper

152 100

115 60.7 30.1 90.3

150 156.9 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

