

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092019\
 Data File : VN058259.D
 Acq On : 20 Sep 2019 18:33
 Operator : JC/SP
 Sample : K4974-08DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D3-20190916DL

Quant Time: Sep 21 03:32:48 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

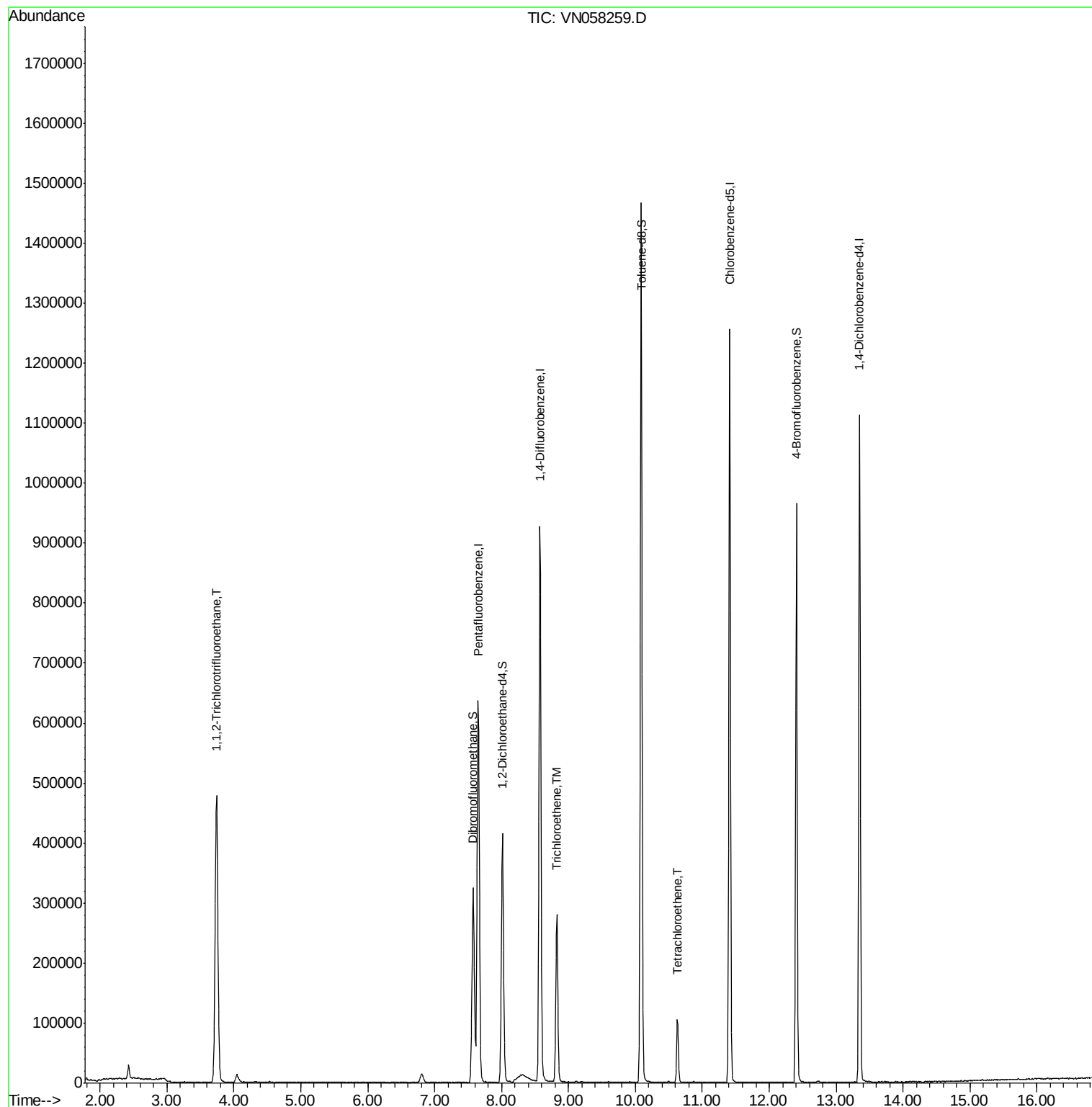
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	490928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	796887	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	687524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	277455	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	357664	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
35) Dibromofluoromethane	7.58	113	241423	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
50) Toluene-d8	10.09	98	1001194	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
62) 4-Bromofluorobenzene	12.41	95	319770	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.74	101	290583	73.217	ug/l	99
44) Trichloroethene	8.83	130	99299	23.118	ug/l	99
64) Tetrachloroethene	10.63	164	22792	6.801	ug/l	95

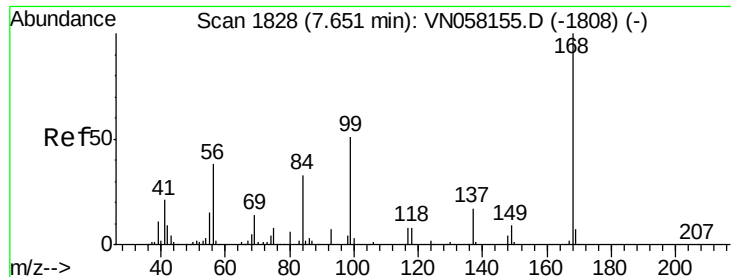
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058259.D

Acq: 20 Sep 2019 18:33

Instrument :

MSVOA_N

ClientSampleId :

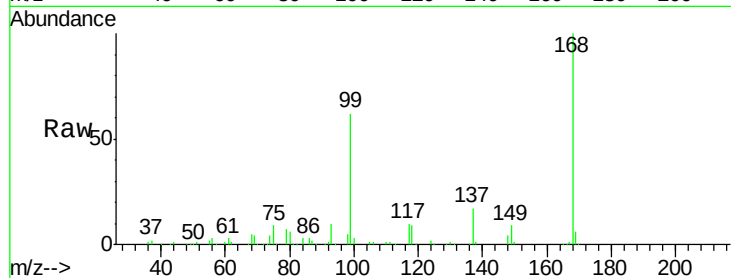
RE134D3-20190916DL

Tot Ion:168 Resp: 490928

Ion Ratio Lower Upper

168 100

99 62.0 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

200000

150000

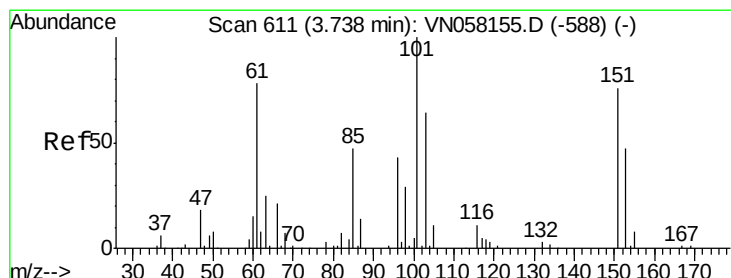
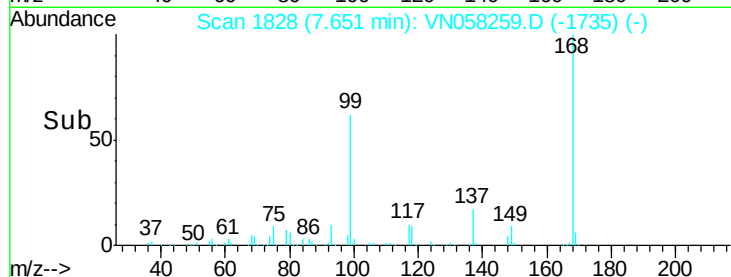
100000

50000

0

7.60 7.70 7.80

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 73.217 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN058259.D

Acq: 20 Sep 2019 18:33

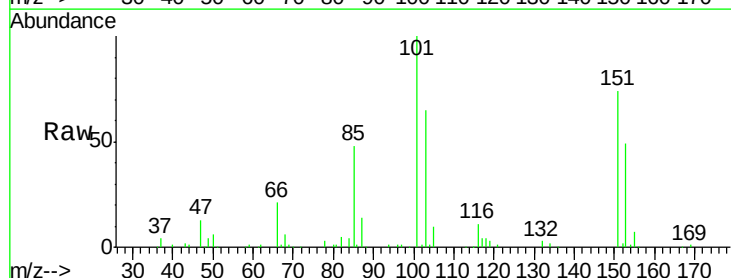
Tgt Ion:101 Resp: 290583

Ion Ratio Lower Upper

101 100

85 47.4 37.3 55.9

151 73.9 59.6 89.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V

3.74

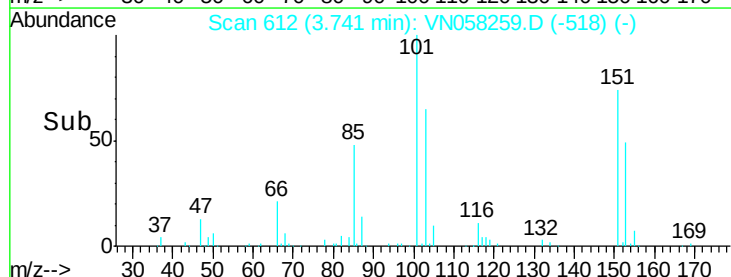
100000

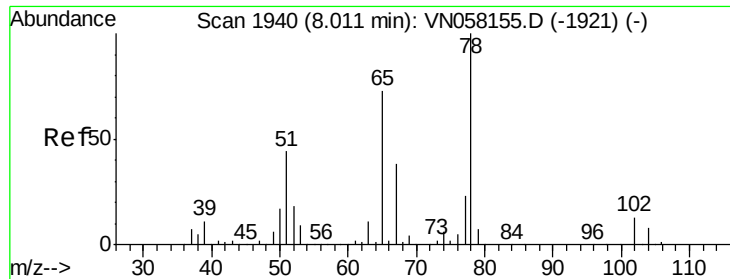
50000

0

3.60 3.70 3.80 3.90

Time-->

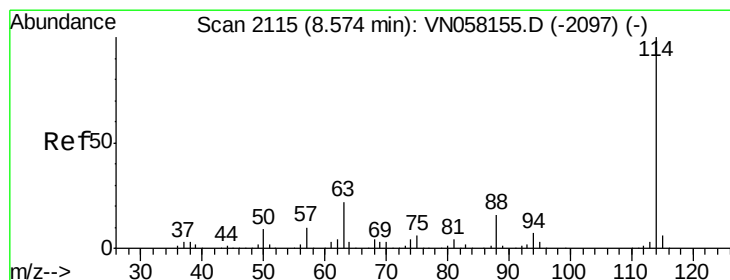
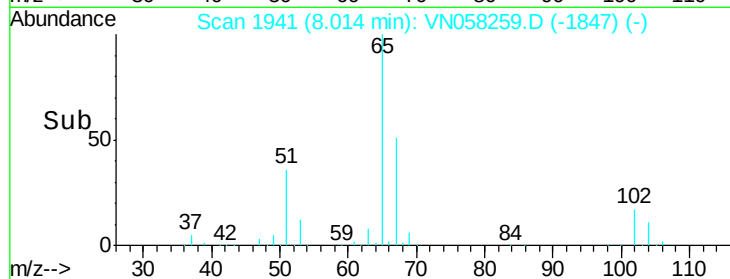
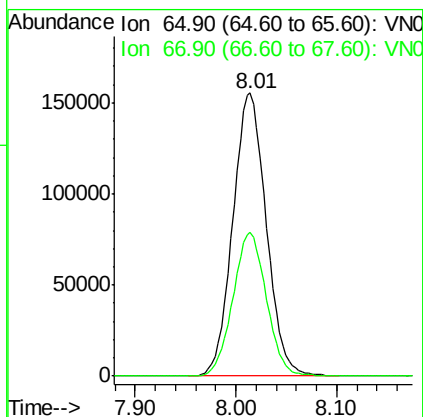
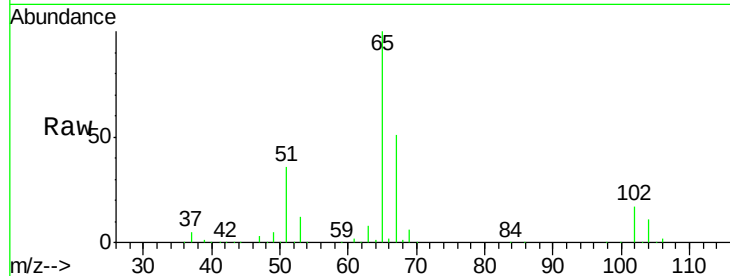




#33
 1,2-Dichloroethane-d4
 Concen: 52.308 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058259.D
 Acq: 20 Sep 2019 18:33

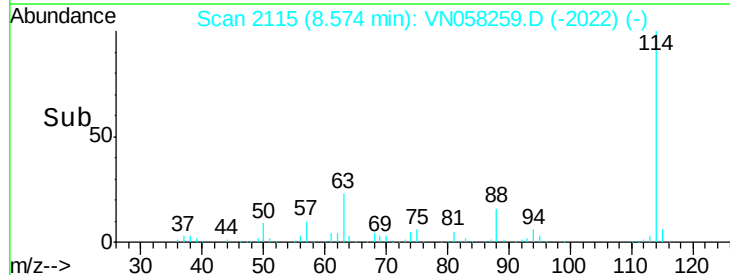
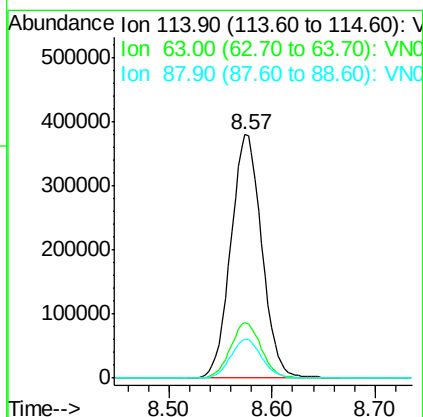
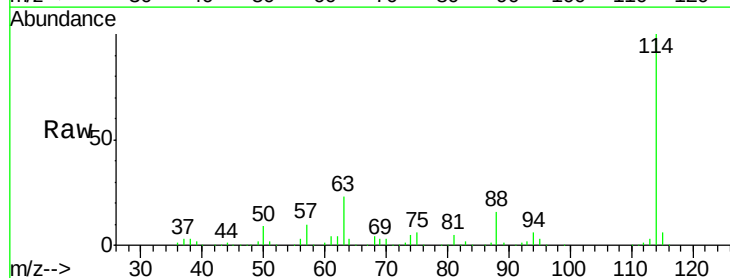
Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D3-20190916DL

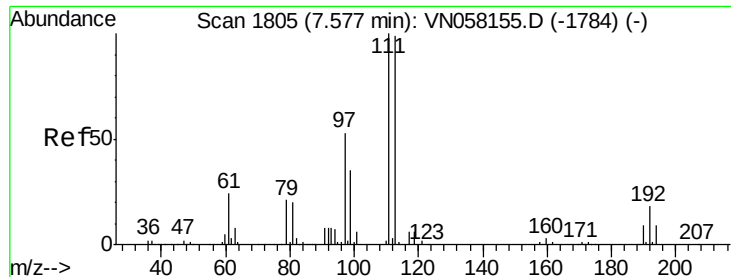
Tot Ion: 65 Resp: 357664
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058259.D
 Acq: 20 Sep 2019 18:33

Tgt Ion: 114 Resp: 796887
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 44.2
 88 15.9 0.0 31.6

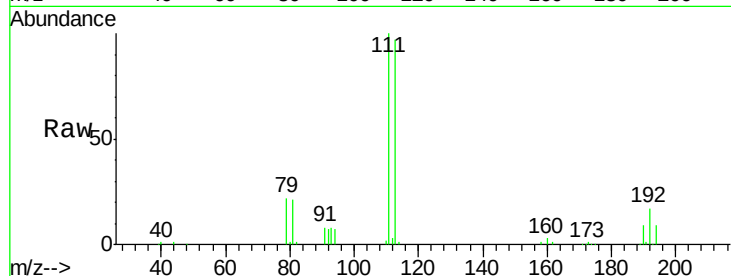




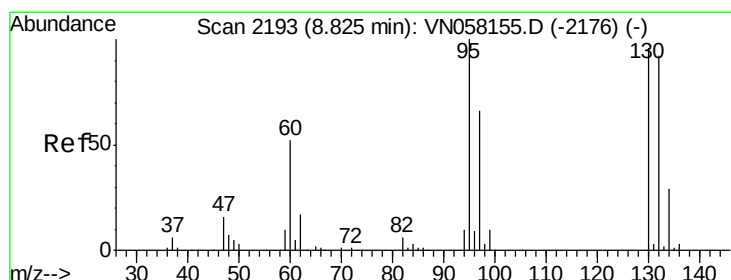
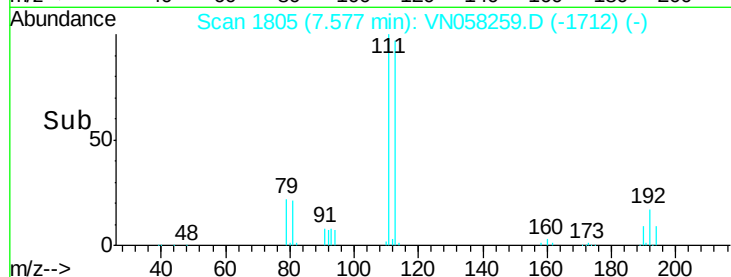
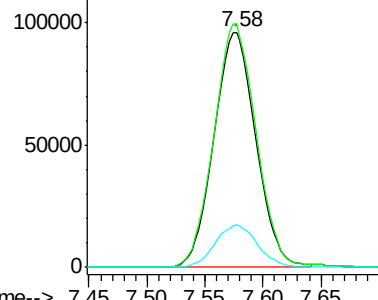
#35
Dibromofluoromethane
Concen: 49.835 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN058259.D
Acq: 20 Sep 2019 18:33

Instrument :
MSVOA_N
ClientSampleId :
RE134D3-20190916DL

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.1	81.8	122.6
192	18.2	14.5	21.7

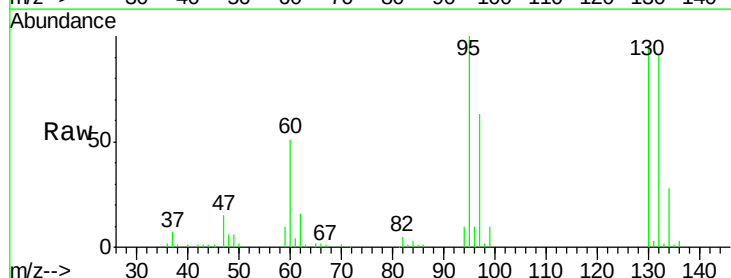


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

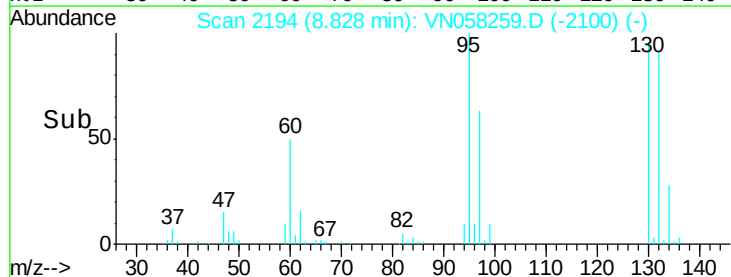
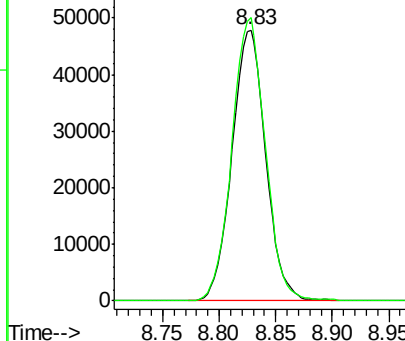


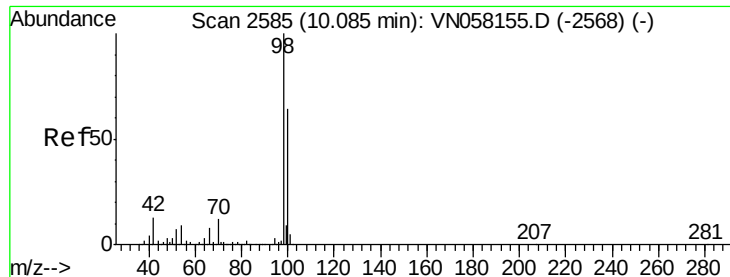
#44
Trichloroethene
Concen: 23.118 ug/l
RT: 8.83 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VN058259.D
Acq: 20 Sep 2019 18:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.5	0.0	207.8



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

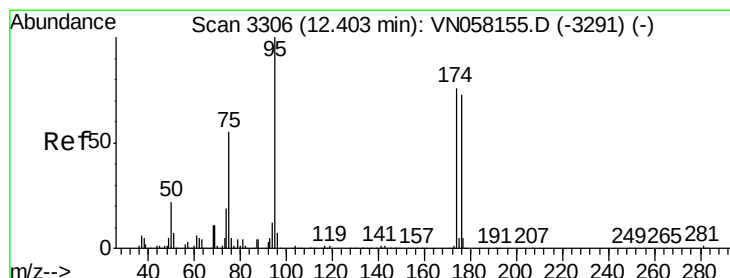
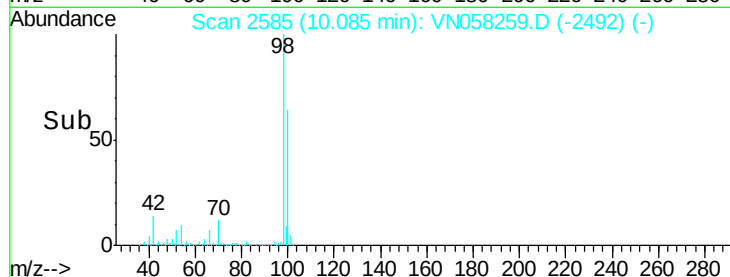
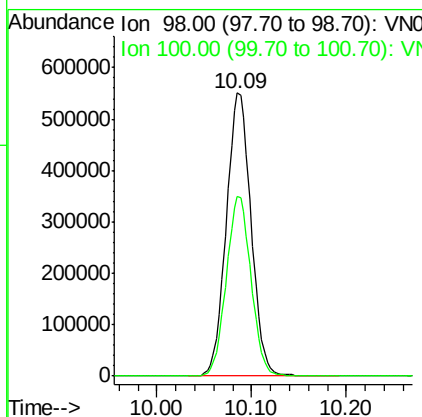
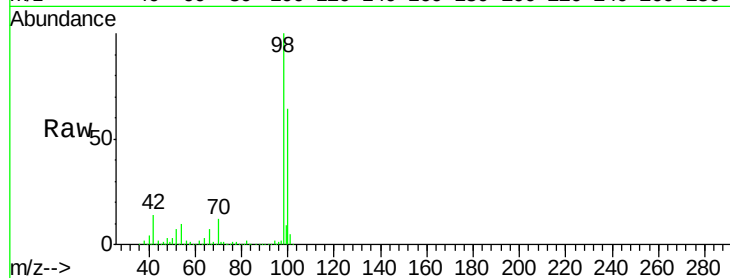




#50
Toluene-d8
Concen: 53.044 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058259.D
Acq: 20 Sep 2019 18:33

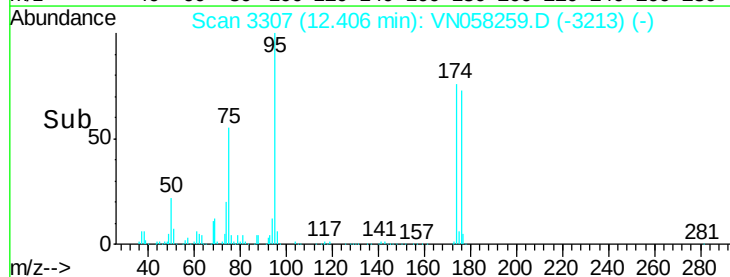
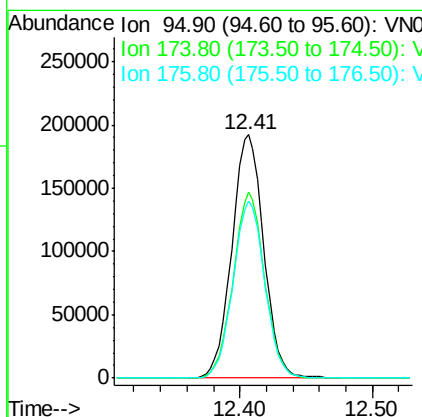
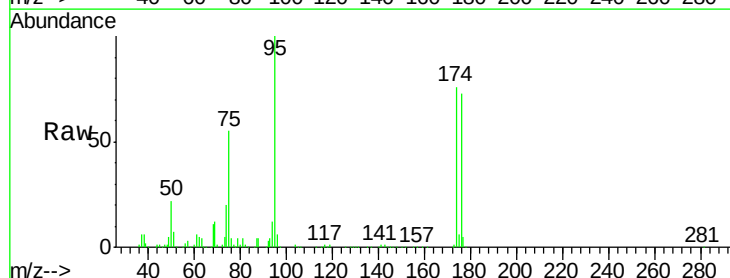
Instrument :
MSVOA_N
ClientSampleId :
RE134D3-20190916DL

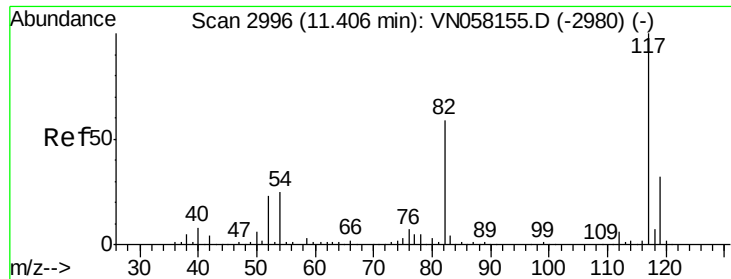
Tot Ion: 98 Resp: 1001194
Ion Ratio Lower Upper
98 100
100 63.4 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 45.608 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058259.D
Acq: 20 Sep 2019 18:33

Tgt Ion: 95 Resp: 319770
Ion Ratio Lower Upper
95 100
174 75.2 0.0 152.2
176 72.4 0.0 148.0

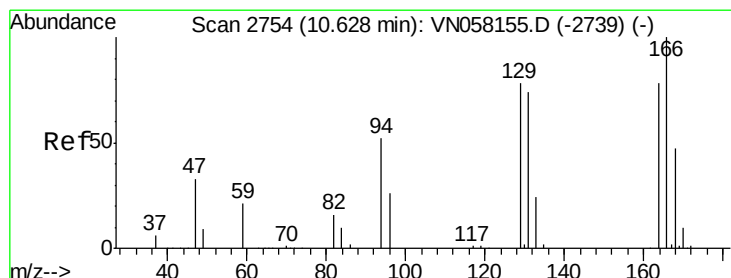
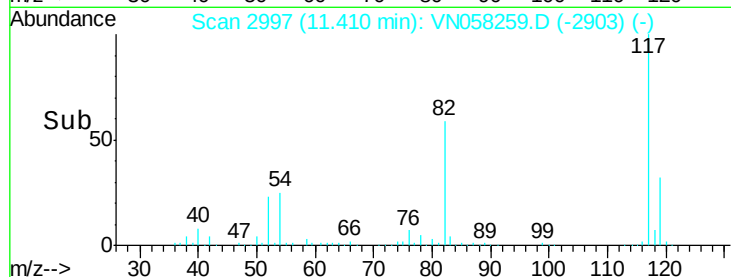
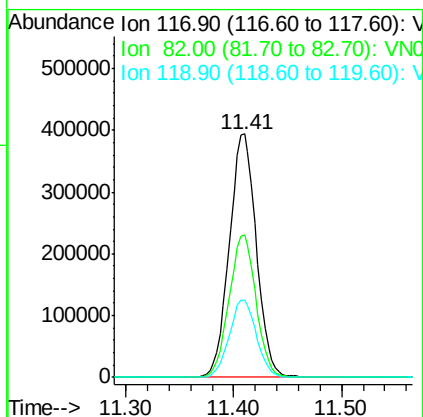
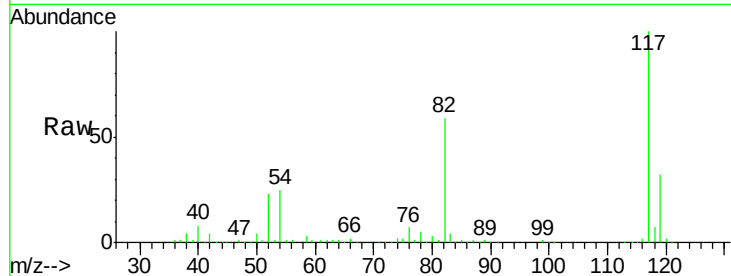




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058259.D
Acq: 20 Sep 2019 18:33

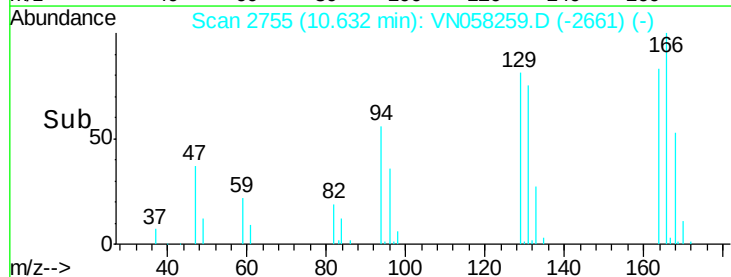
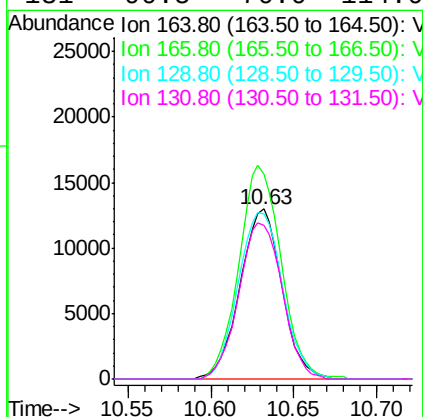
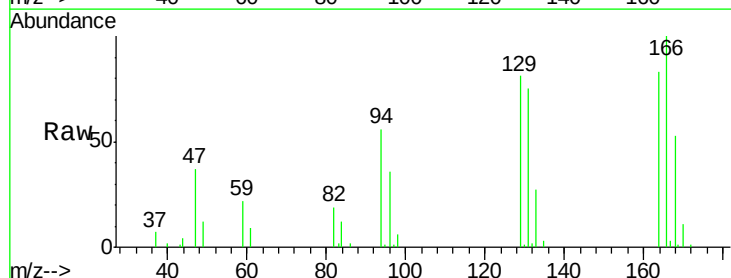
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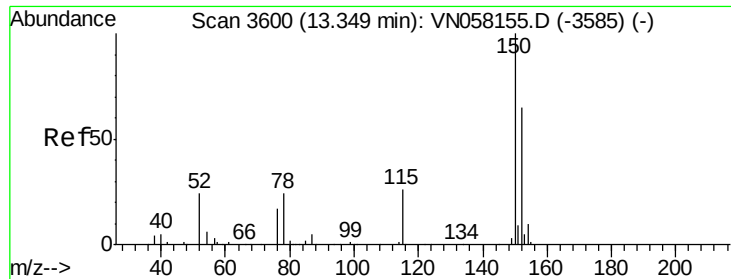
Tot Ion:117 Resp: 687524
Ion Ratio Lower Upper
117 100
82 58.8 46.9 70.3
119 31.8 25.3 37.9



#64
Tetrachloroethene
Concen: 6.801 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN058259.D
Acq: 20 Sep 2019 18:33

Tgt Ion:164 Resp: 22792
Ion Ratio Lower Upper
164 100
166 120.2 102.2 153.4
129 96.9 79.6 119.4
131 90.5 76.0 114.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058259.D

Acq: 20 Sep 2019 18:33

Instrument :

MSVOA_N

ClientSampleId :

RE134D3-20190916DL

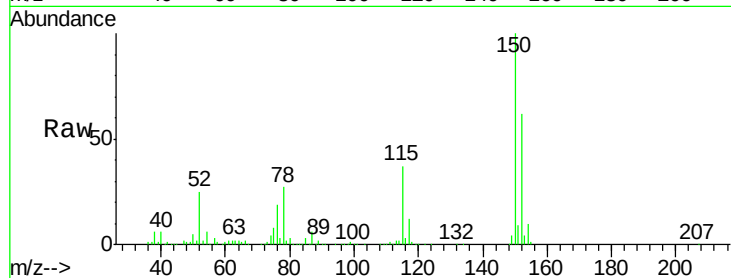
Tot Ion:152 Resp: 277455

Ion Ratio Lower Upper

152 100

115 60.9 30.1 90.3

150 159.3 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

