

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092319\
 Data File : VN058289.D
 Acq On : 23 Sep 2019 14:02
 Operator : JC/SP
 Sample : K4939-01ME
 Misc : 6.52g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 982-S-3-(19)ME

Quant Time: Sep 25 11:11:58 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

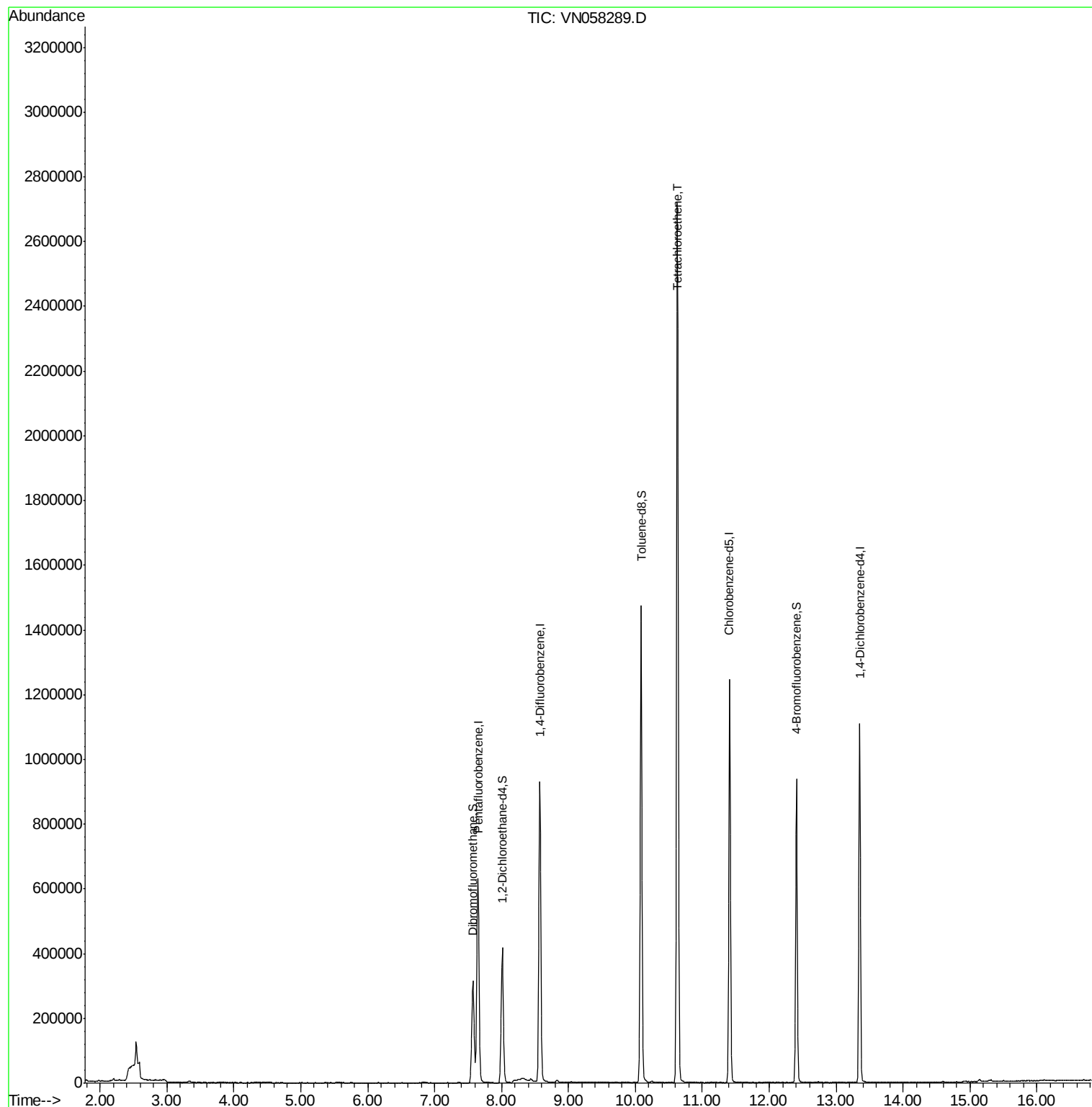
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	493928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	802717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	674709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	276542	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	361032	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
35) Dibromofluoromethane	7.57	113	237783	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
50) Toluene-d8	10.08	98	998966	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.08%	
62) 4-Bromofluorobenzene	12.41	95	313461	44.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.76%	
Target Compounds						
64) Tetrachloroethene	10.63	164	593116	180.331	ug/l	Qvalue 99

(#) = 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# 1827

Delta R.T. -0.00 min

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Acq: 23 Sep 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

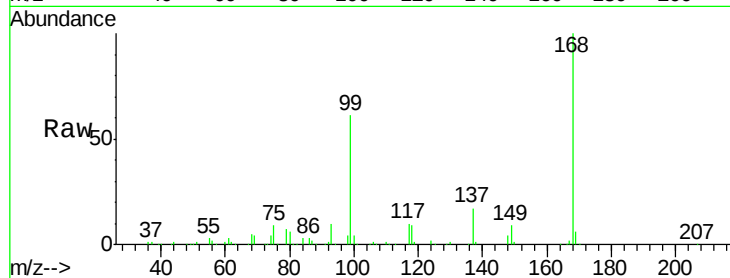
982-S-3-(19)ME

Tot Ion:168 Resp: 493928

Ion Ratio Lower Upper

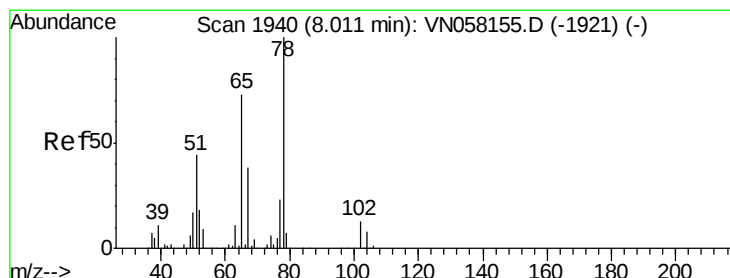
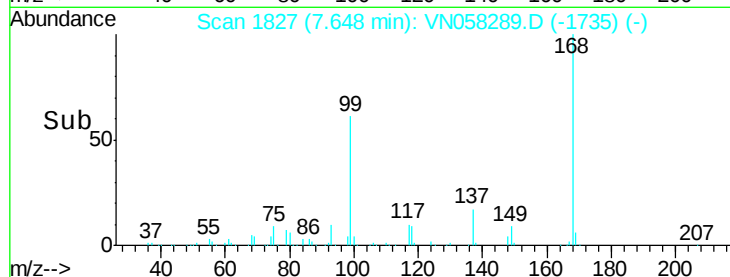
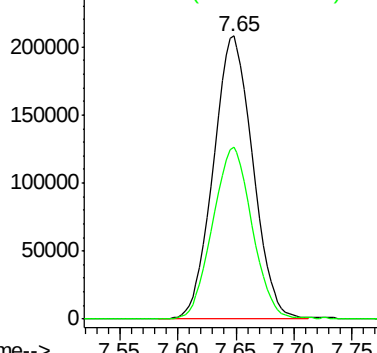
168 100

99 60.9 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 52.480 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058289.D

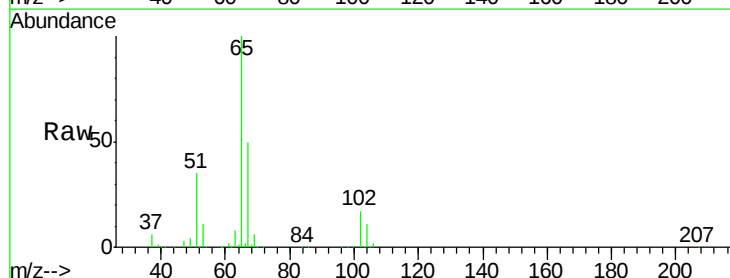
Acq: 23 Sep 2019 14:02

Tgt Ion: 65 Resp: 361032

Ion Ratio Lower Upper

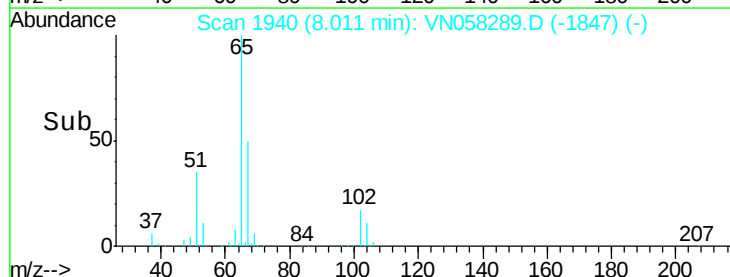
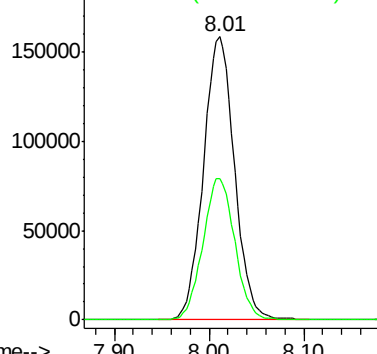
65 100

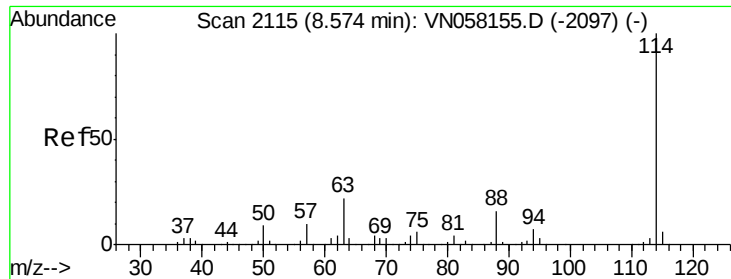
67 51.4 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

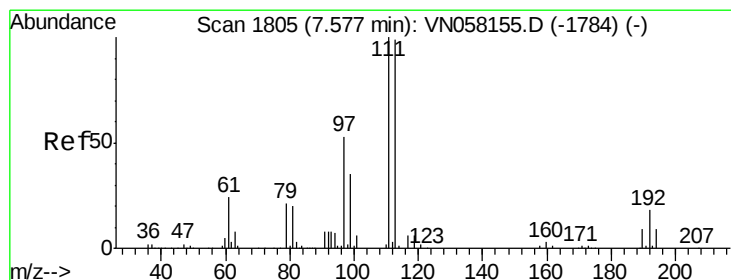
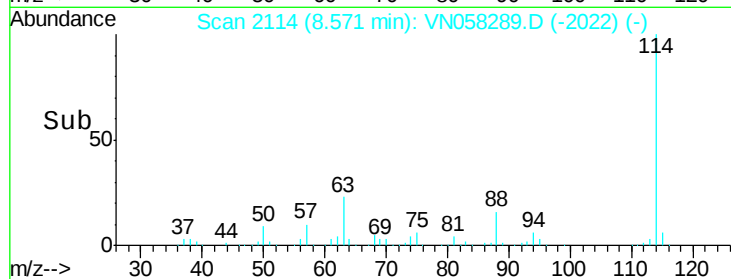
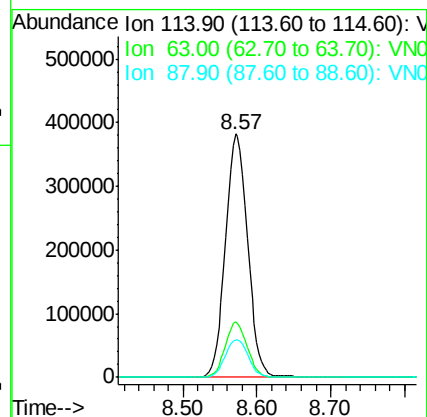
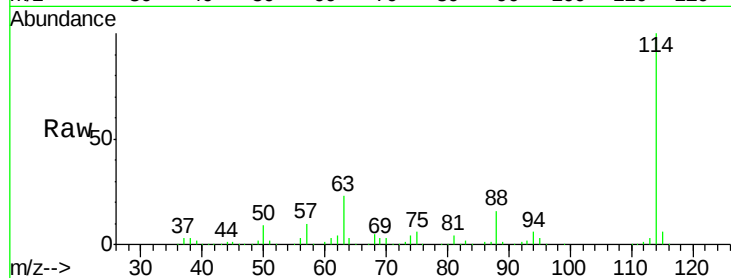




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN058289.D
 Acq: 23 Sep 2019 14:02

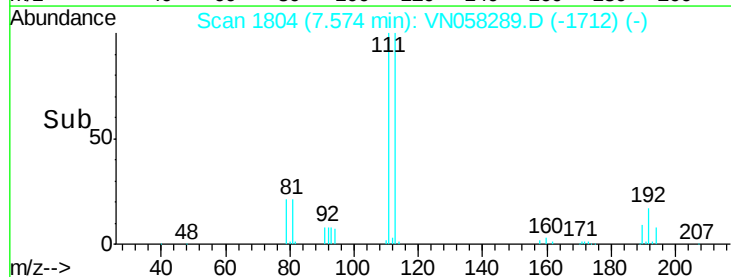
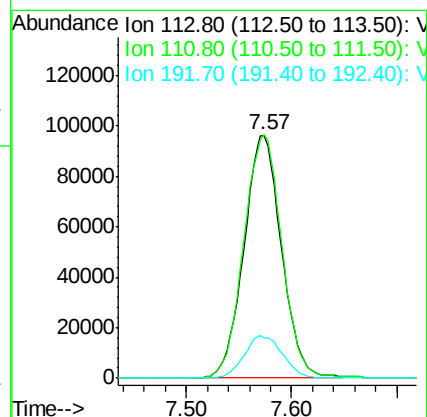
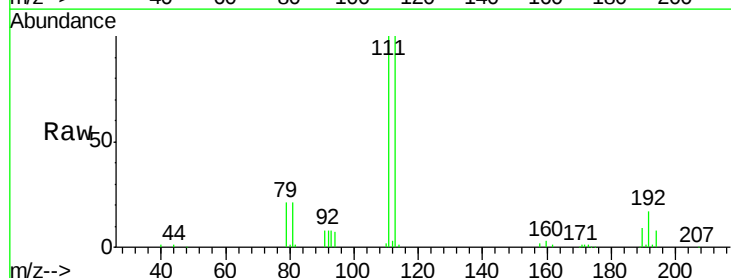
Instrument :
 MSVOA_N
 ClientSampleId :
 982-S-3-(19)ME

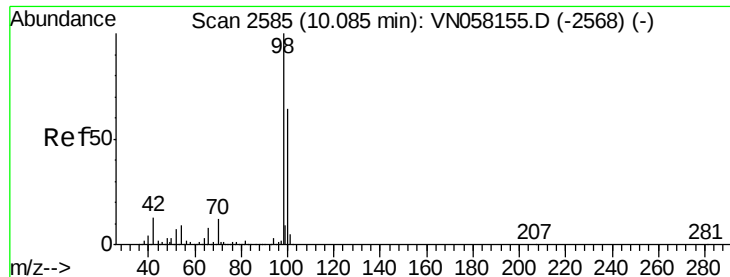
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	44.2
88	15.6	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 48.727 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058289.D
 Acq: 23 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.8	122.6
192	17.8	14.5	21.7





#50

Toluene-d8

Concen: 52.541 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058289.D

Acq: 23 Sep 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

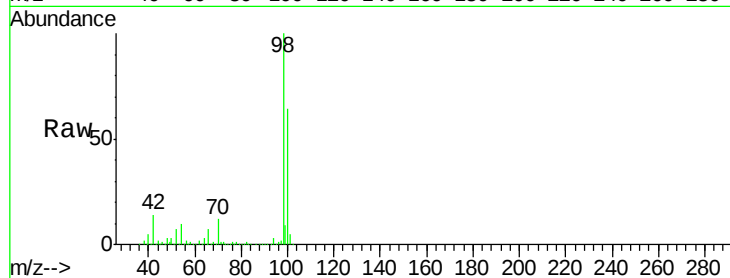
982-S-3-(19)ME

Tot Ion: 98 Resp: 998966

Ion Ratio Lower Upper

98 100

100 63.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

600000

500000

400000

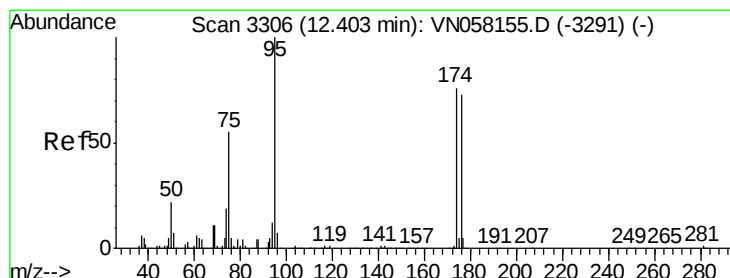
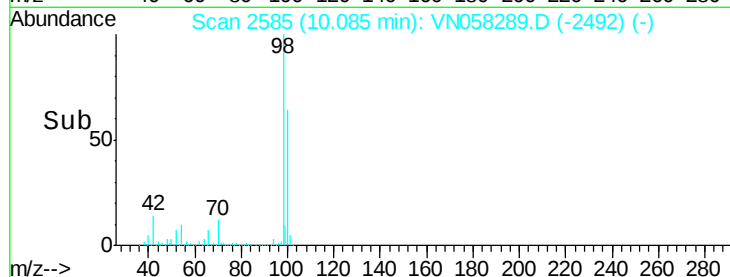
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.383 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058289.D

Acq: 23 Sep 2019 14:02

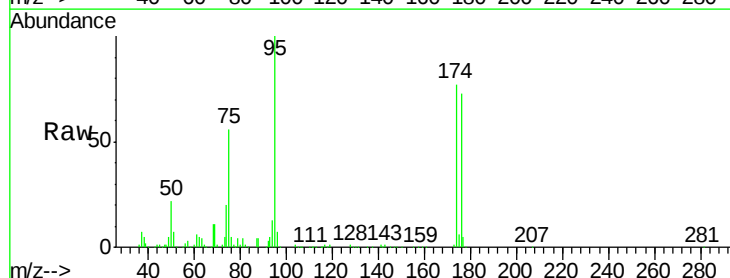
Tgt Ion: 95 Resp: 313461

Ion Ratio Lower Upper

95 100

174 75.9 0.0 152.2

176 72.0 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

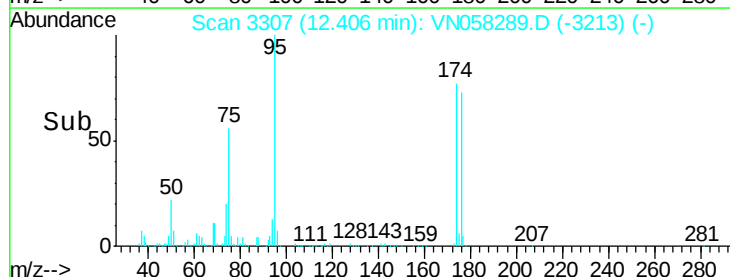
150000

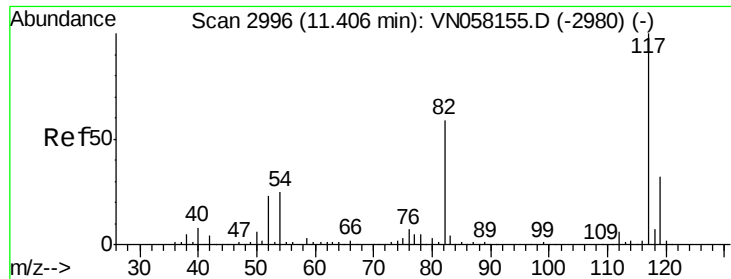
100000

50000

0

Time-->

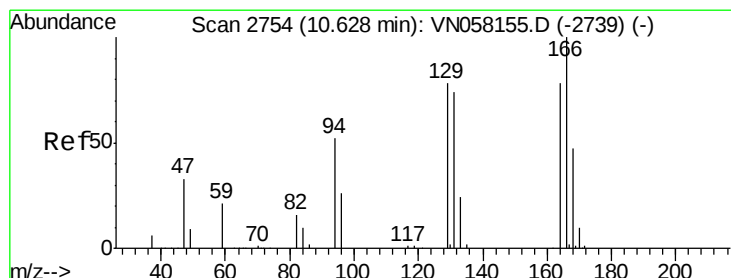
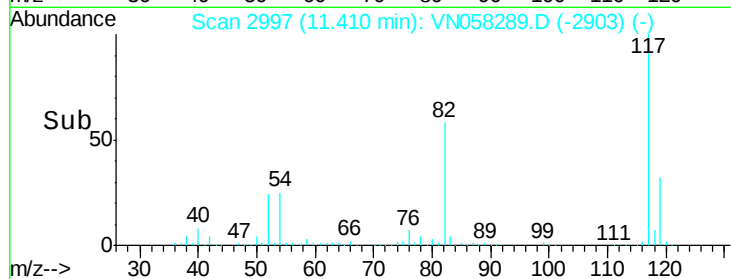
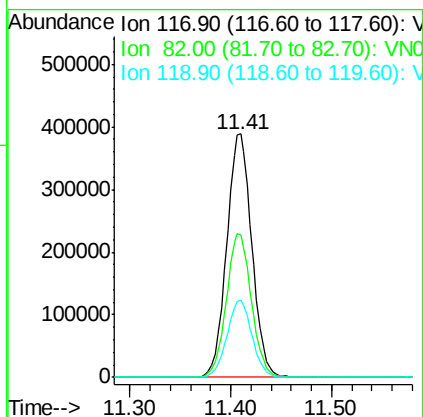
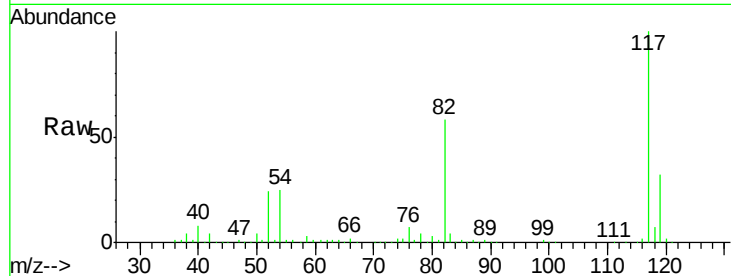




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058289.D
Acq: 23 Sep 2019 14:02

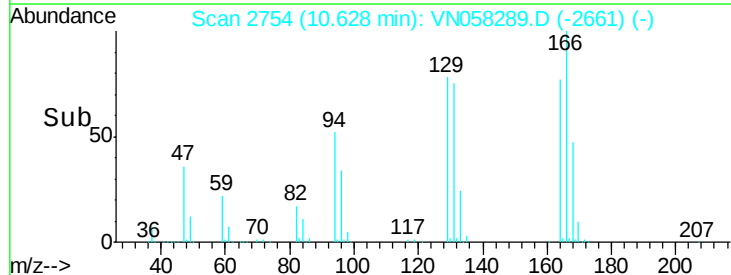
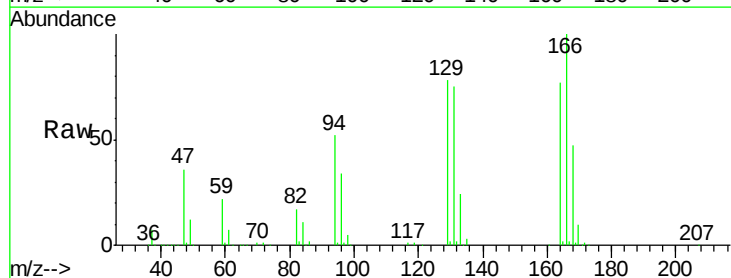
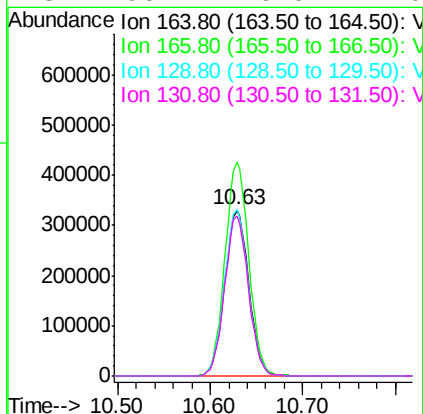
Instrument :
MSVOA_N
ClientSampled :
982-S-3-(19)ME

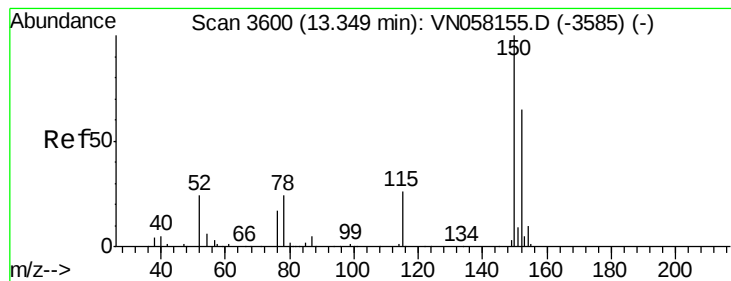
Tot Ion:117 Resp: 674709
Ion Ratio Lower Upper
117 100
82 58.4 46.9 70.3
119 31.8 25.3 37.9



#64
Tetrachloroethene
Concen: 180.331 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058289.D
Acq: 23 Sep 2019 14:02

Tgt Ion:164 Resp: 593116
Ion Ratio Lower Upper
164 100
166 129.1 102.2 153.4
129 100.7 79.6 119.4
131 96.7 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: VN058289.D

Acq: 23 Sep 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

982-S-3-(19)ME

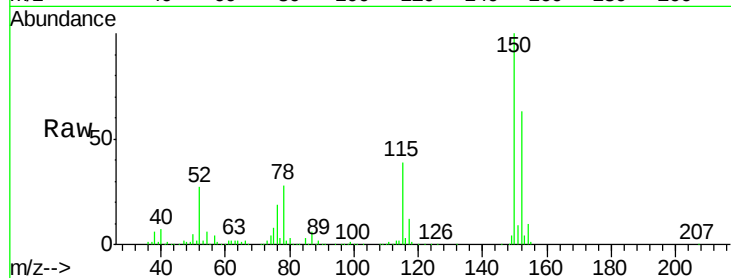
Tot Ion:152 Resp: 276542

Ion Ratio Lower Upper

152 100

115 62.1 30.1 90.3

150 158.8 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

