

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
 Data File : VN056248.D
 Acq On : 12 Jun 2019 14:59
 Operator : JC/SP
 Sample : K3315-12 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE105D2-20190610

Quant Time: Jun 13 05:15:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	303489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	457671	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	447213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	137494	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	154205	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
35) Dibromofluoromethane	7.59	113	146321	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.22%	
50) Toluene-d8	10.09	98	560635	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.40	95	176140	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.74	101	3804	1.486	ug/l	89
44) Trichloroethene	8.83	130	474084	138.035	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

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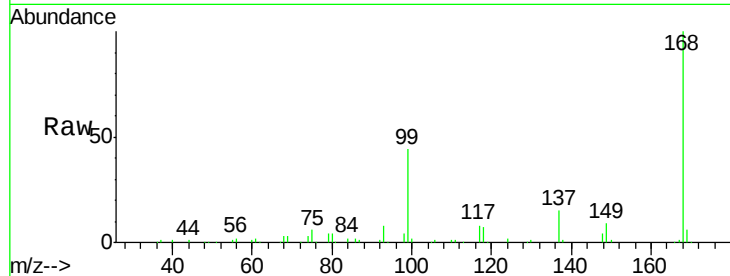
RE105D2-20190610

Tot Ion:168 Resp: 303489

Ion Ratio Lower Upper

168 100

99 43.6 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

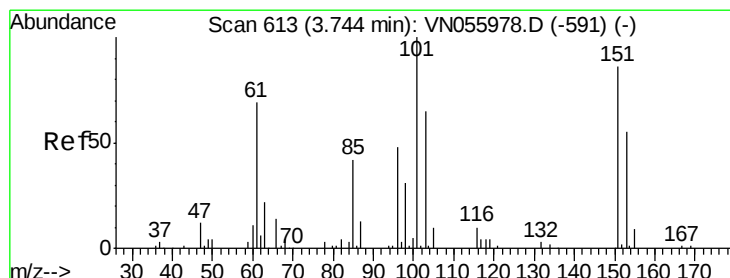
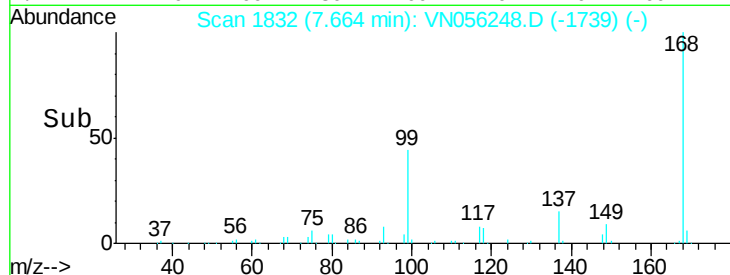
100000

50000

0

Time-->

7.60 7.70 7.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.486 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN056248.D

Acq: 12 Jun 2019 14:59

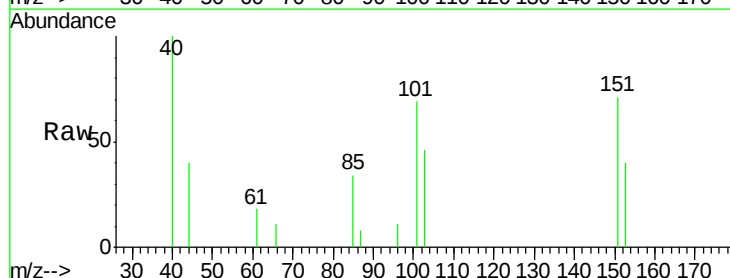
Tgt Ion:101 Resp: 3804

Ion Ratio Lower Upper

101 100

85 41.6 33.4 50.2

151 101.1 69.4 104.2



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

1500

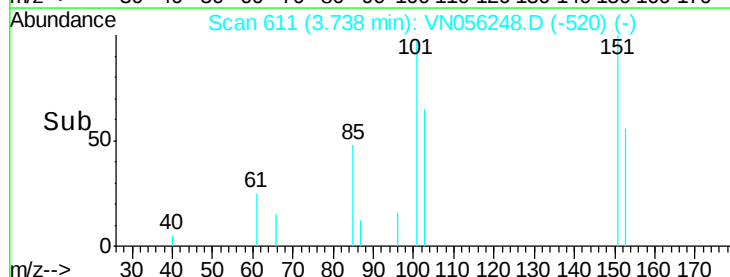
1000

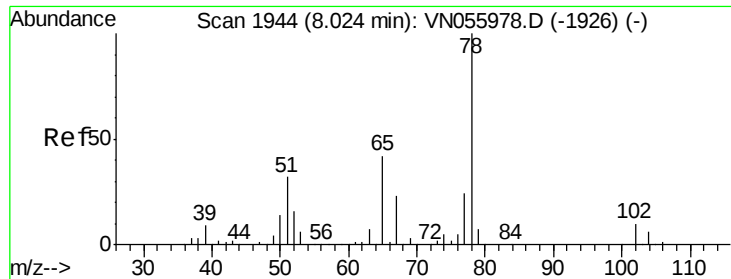
500

0

Time-->

3.70 3.75 3.80

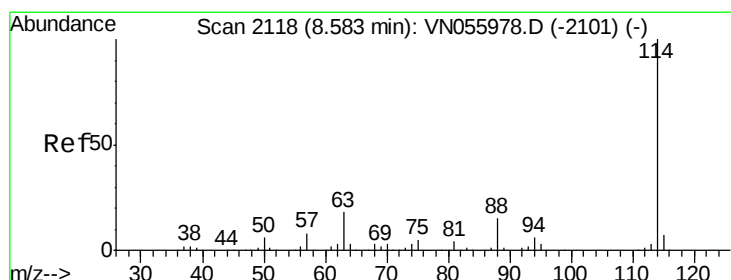
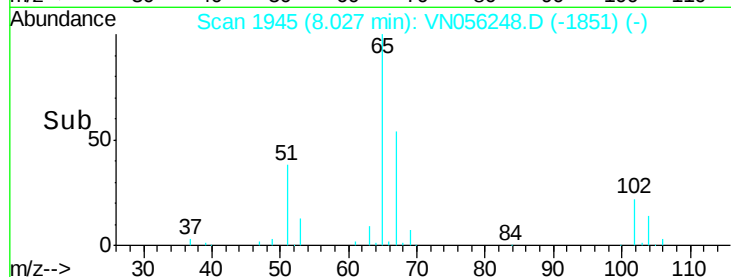
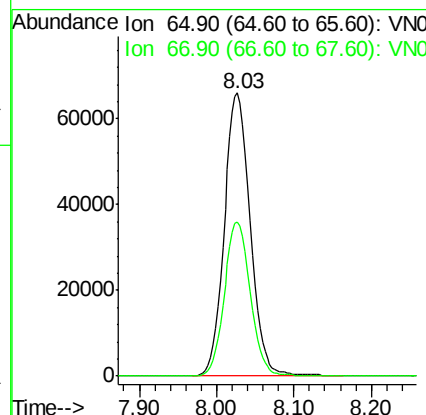
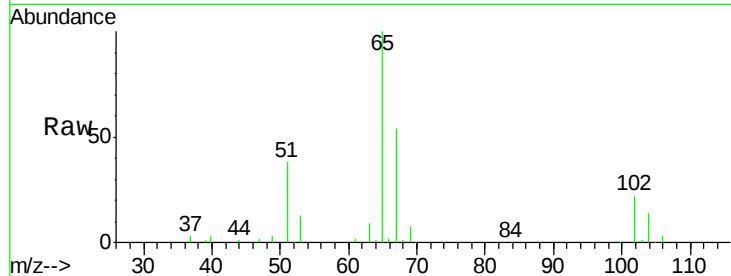




#33
 1,2-Dichloroethane-d4
 Concen: 51.173 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056248.D
 Acq: 12 Jun 2019 14:59

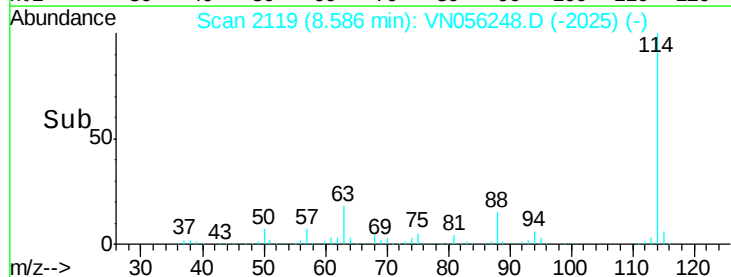
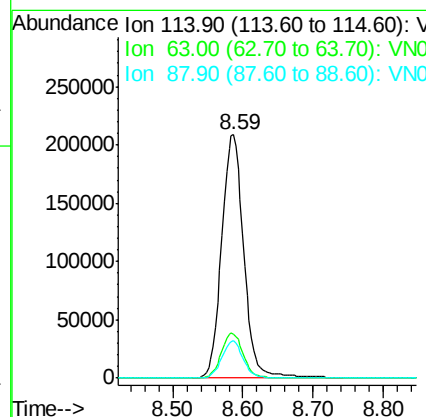
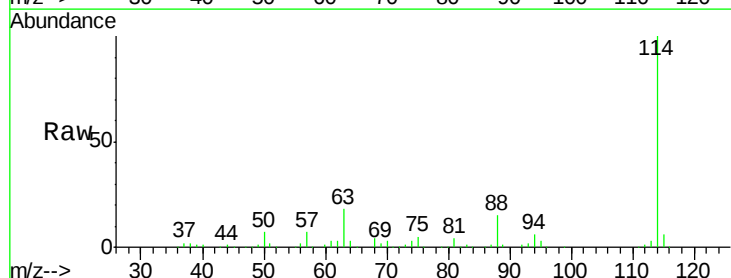
Instrument :
 MSVOA_N
 ClientSampleId :
 RE105D2-20190610

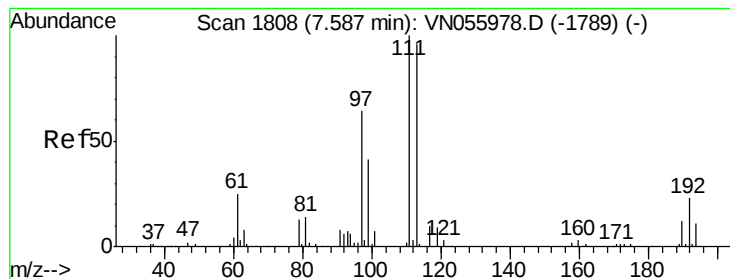
Tot Ion: 65 Resp: 154205
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056248.D
 Acq: 12 Jun 2019 14:59

Tgt Ion: 114 Resp: 457671
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 39.2
 88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 52.109 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056248.D

Acq: 12 Jun 2019 14:59

Instrument :

MSVOA_N

ClientSampleId :

RE105D2-20190610

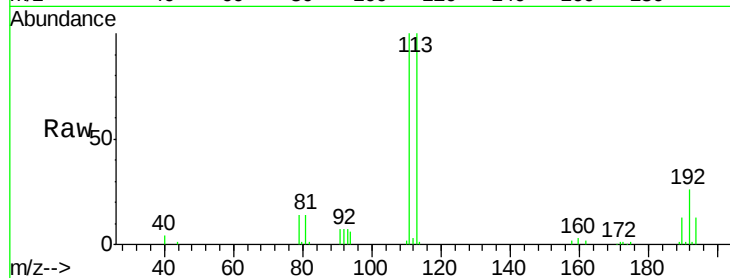
Tot Ion:113 Resp: 146321

Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

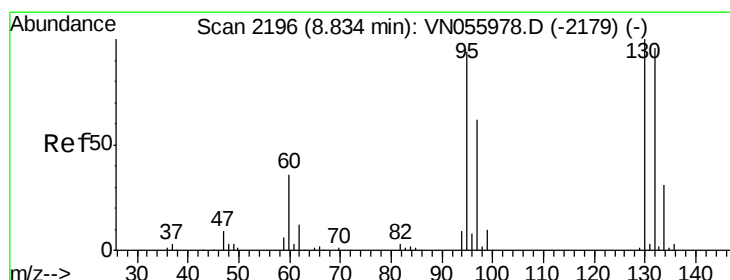
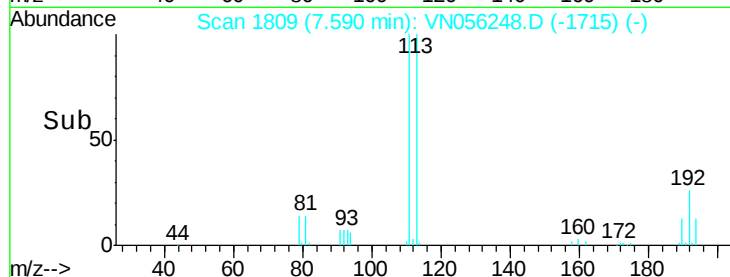
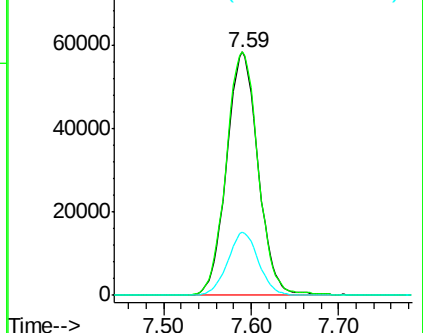
192 25.3 19.5 29.3



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: 138.035 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056248.D

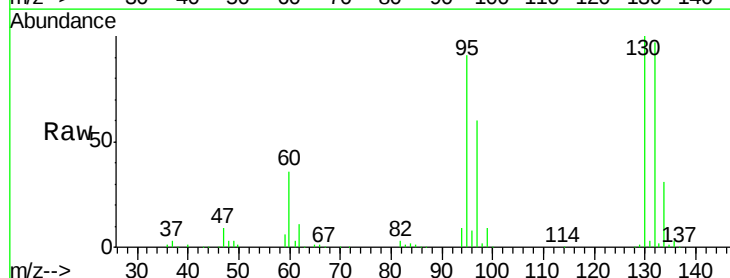
Acq: 12 Jun 2019 14:59

Tgt Ion:130 Resp: 474084

Ion Ratio Lower Upper

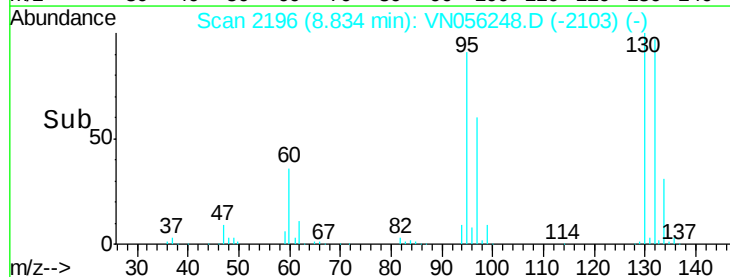
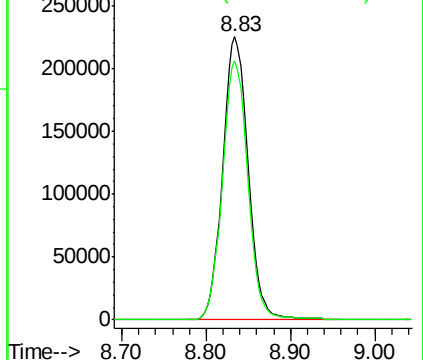
130 100

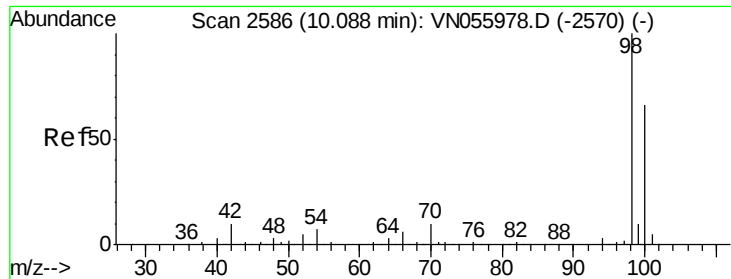
95 91.5 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 51.886 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056248.D

Acq: 12 Jun 2019 14:59

Instrument :

MSVOA_N

ClientSampleId :

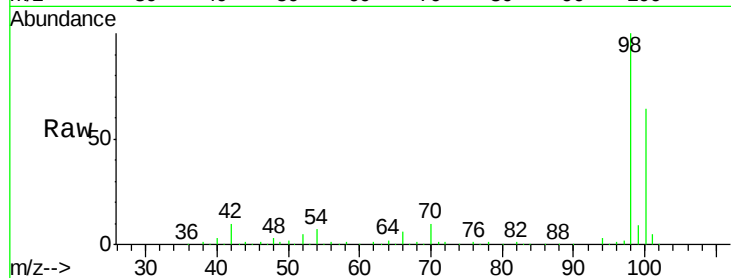
RE105D2-20190610

Tot Ion: 98 Resp: 560635

Ion Ratio Lower Upper

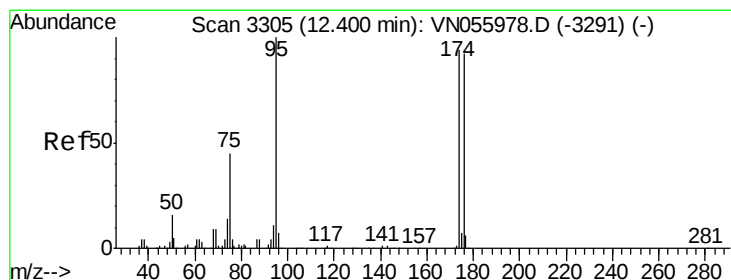
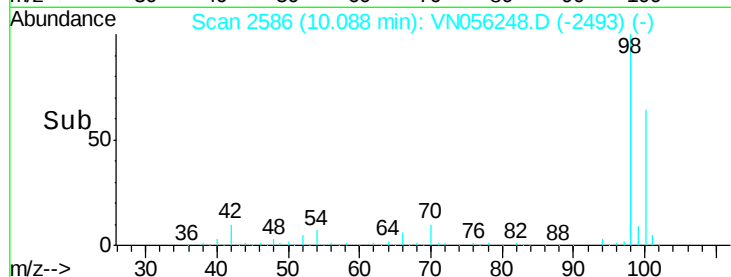
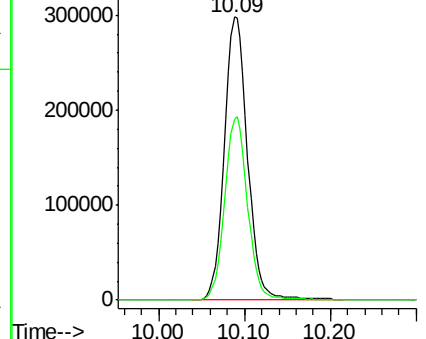
98 100

100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 47.935 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056248.D

Acq: 12 Jun 2019 14:59

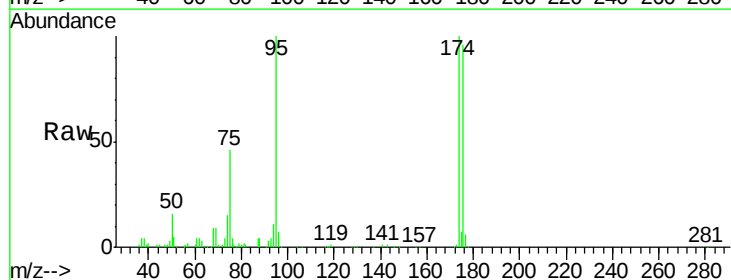
Tgt Ion: 95 Resp: 176140

Ion Ratio Lower Upper

95 100

174 100.3 0.0 191.0

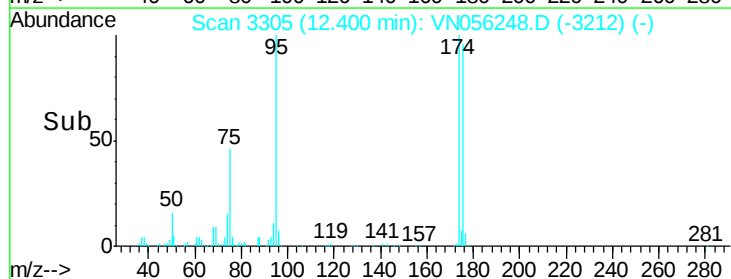
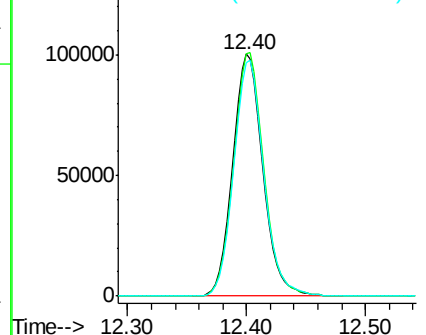
176 97.1 0.0 185.2

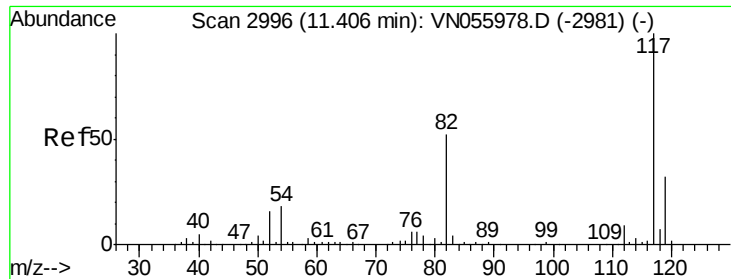


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

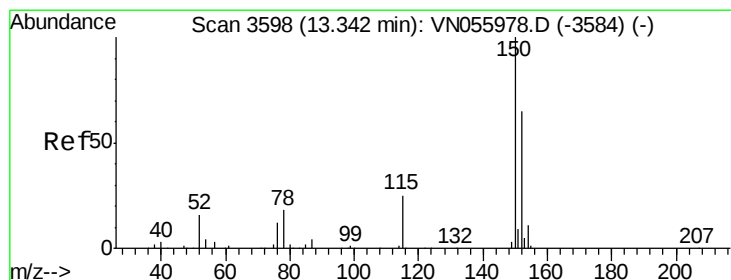
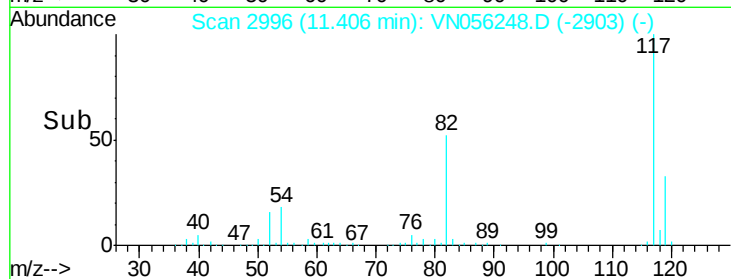
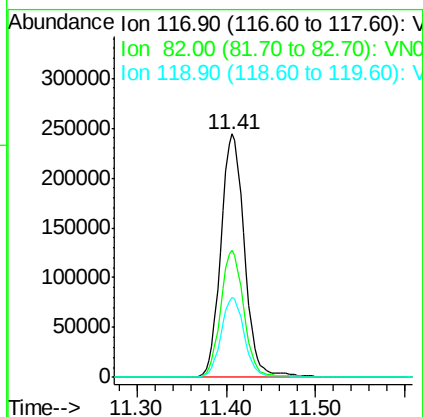
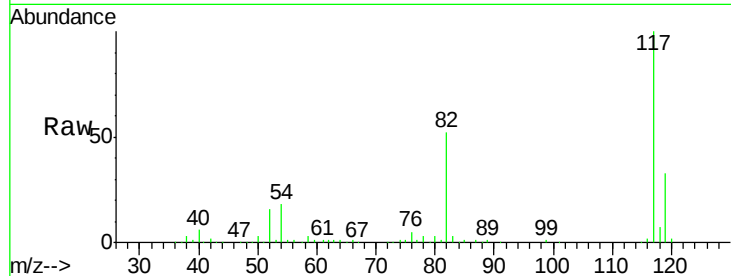




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056248.D
Acq: 12 Jun 2019 14:59

Instrument :
MSVOA_N
ClientSampleId :
RE105D2-20190610

Tot Ion:117 Resp: 447213
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.8
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056248.D
Acq: 12 Jun 2019 14:59

Tgt Ion:152 Resp: 137494
Ion Ratio Lower Upper
152 100
115 51.3 27.0 81.0
150 157.6 0.0 343.2

