

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
 Data File : VN056253.D
 Acq On : 12 Jun 2019 17:01
 Operator : JC/SP
 Sample : K3315-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE105D1-20190610

Quant Time: Jun 13 05:26:28 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

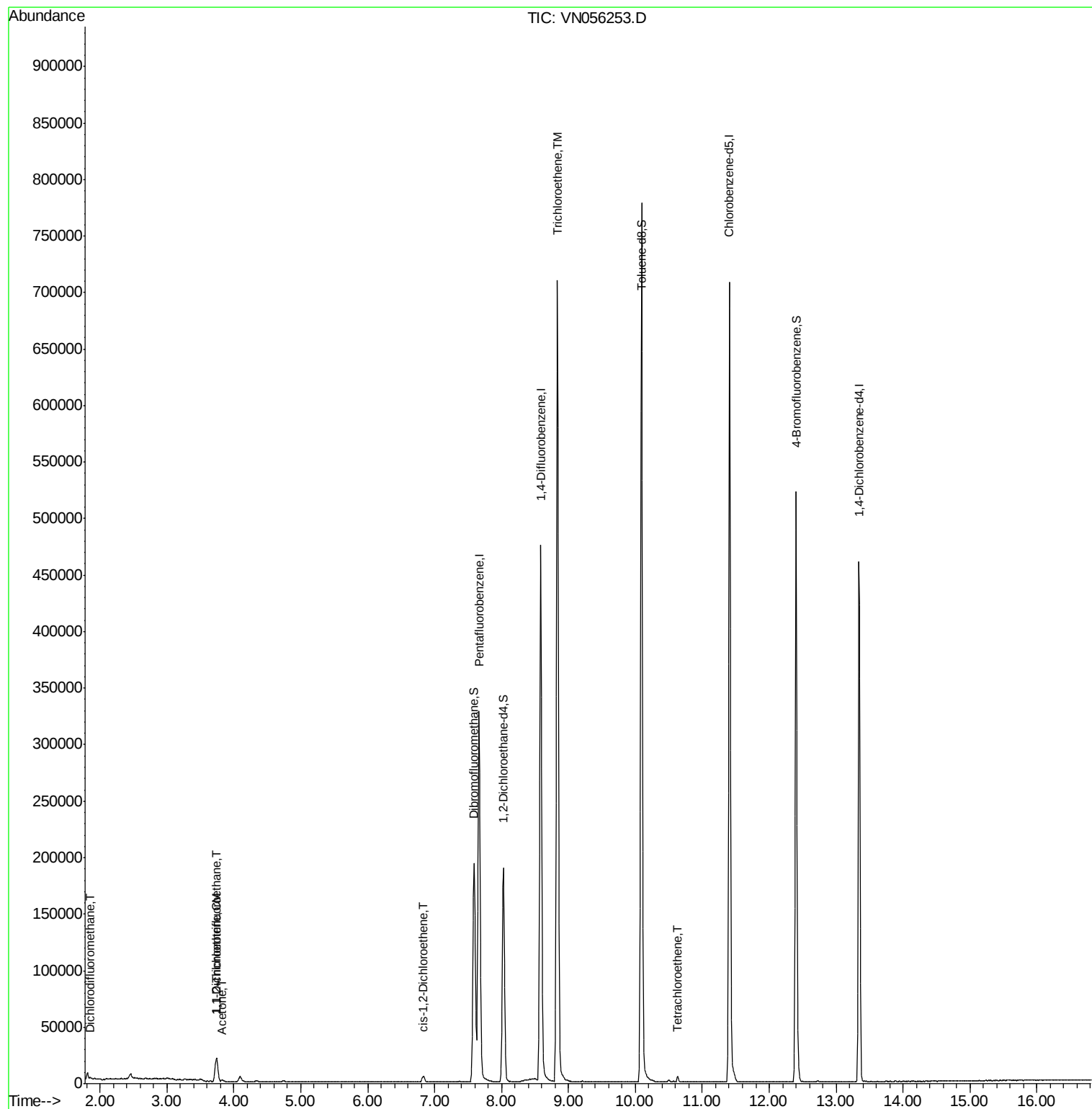
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	313045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	474263	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	466161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	145929	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	158940	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
35) Dibromofluoromethane	7.59	113	149409	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
50) Toluene-d8	10.09	98	581282	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.84%	
62) 4-Bromofluorobenzene	12.40	95	183064	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	1066	0.662	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.74	101	12881	4.880	ug/l	97
12) 1,1-Dichloroethene	3.73	96	1949	0.742	ug/l	84
16) Acetone	3.83	43	2985	2.008	ug/l #	88
27) cis-1,2-Dichloroethene	6.82	96	3744	1.131	ug/l	91
44) Trichloroethene	8.83	130	297573	83.611	ug/l	96
64) Tetrachloroethene	10.63	164	1386	0.343	ug/l #	90

(#) = 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: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056253.D

Acq: 12 Jun 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

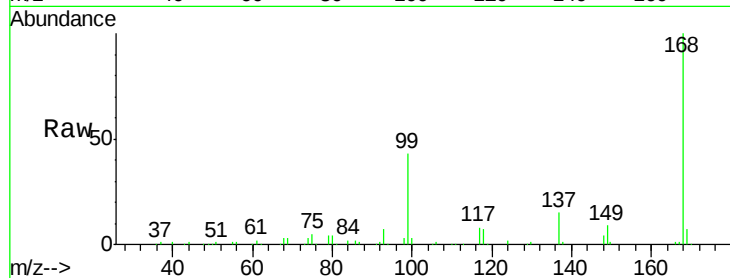
RE105D1-20190610

Tot Ion:168 Resp: 313045

Ion Ratio Lower Upper

168 100

99 43.5 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

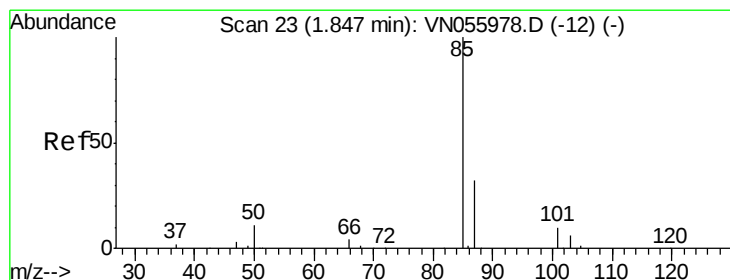
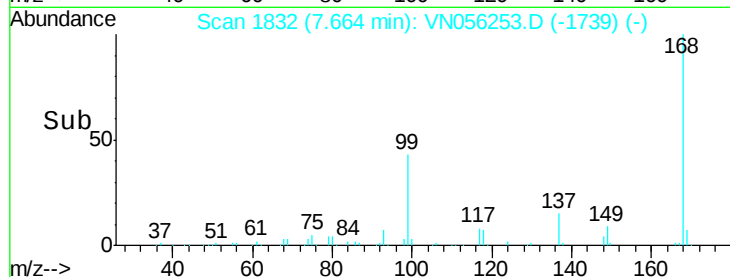
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.662 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056253.D

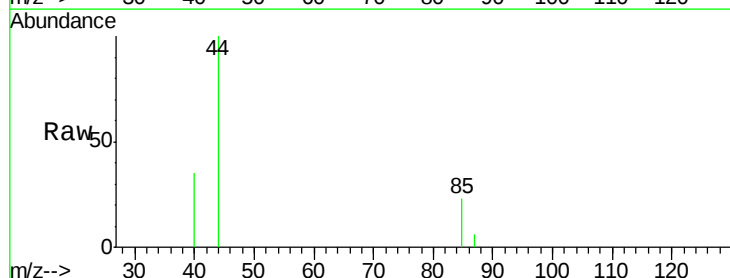
Acq: 12 Jun 2019 17:01

Tgt Ion: 85 Resp: 1066

Ion Ratio Lower Upper

85 100

87 24.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

800

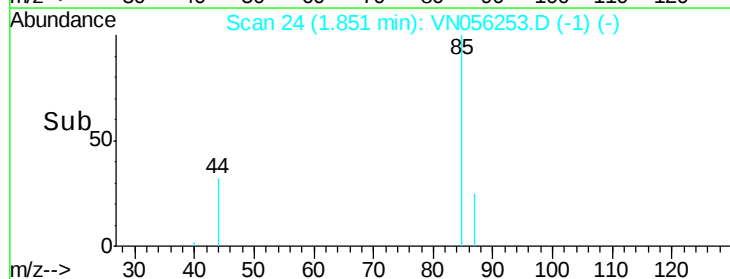
600

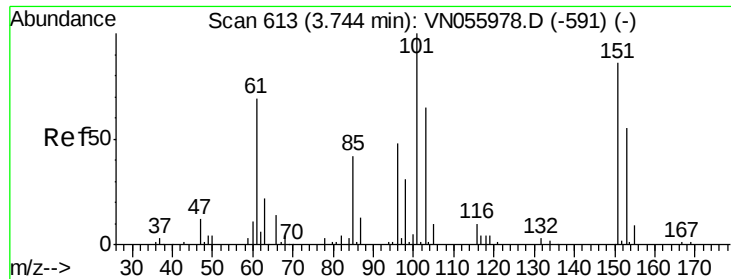
400

200

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.880 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN056253.D

Acq: 12 Jun 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

RE105D1-20190610

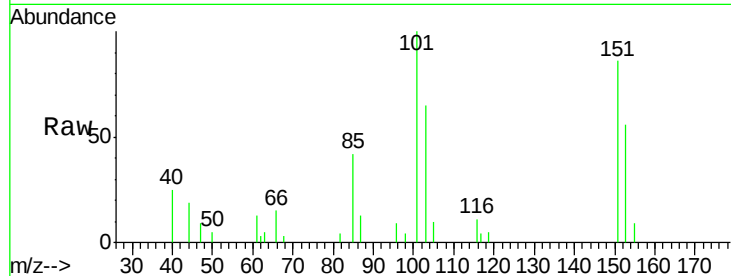
Tot Ion:101 Resp: 12881

Ion Ratio Lower Upper

101 100

85 40.6 33.4 50.2

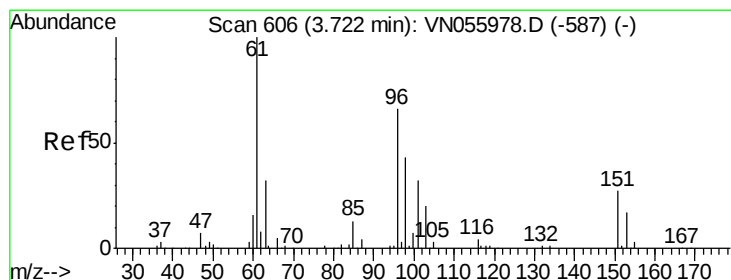
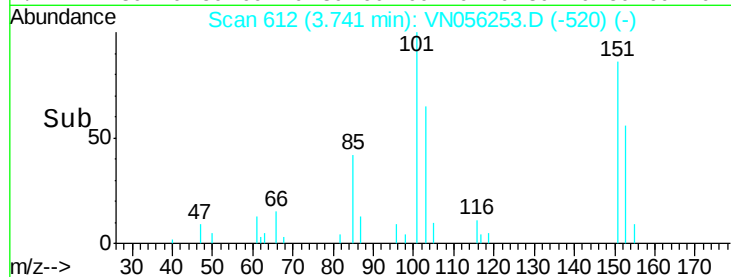
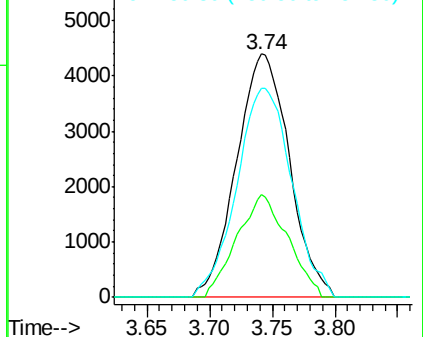
151 89.4 69.4 104.2



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



#12

1,1-Dichloroethene

Concen: 0.742 ug/l

RT: 3.73 min Scan# 607

Delta R.T. 0.00 min

Lab File: VN056253.D

Acq: 12 Jun 2019 17:01

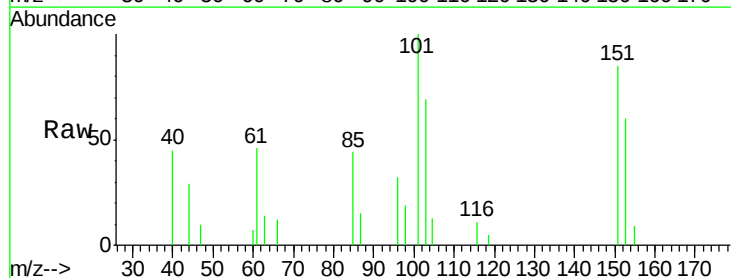
Tgt Ion: 96 Resp: 1949

Ion Ratio Lower Upper

96 100

61 127.2 123.2 184.8

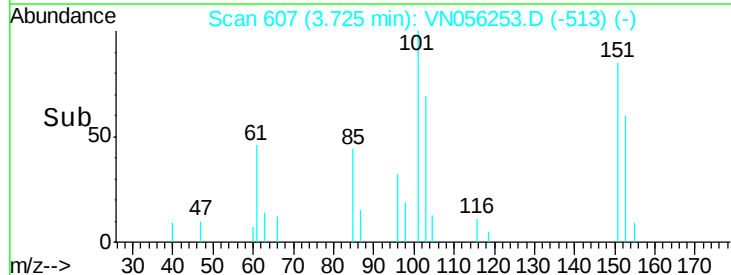
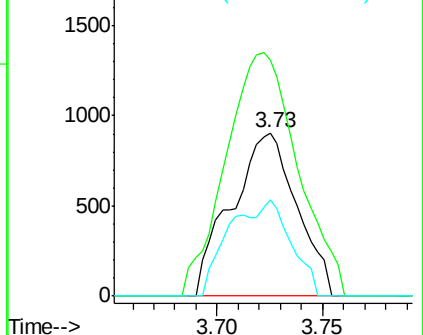
98 58.9 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN





#16

Acetone

Concen: 2.008 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN056253.D

Acq: 12 Jun 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

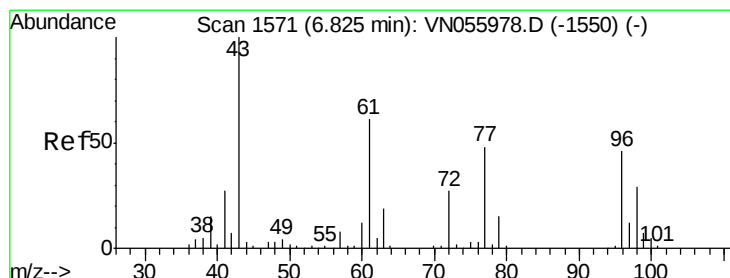
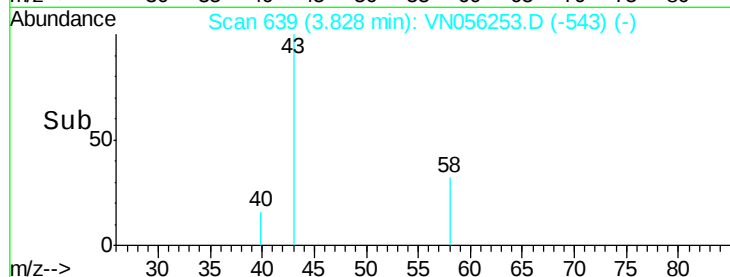
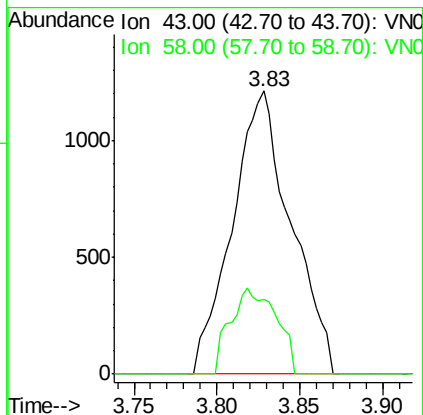
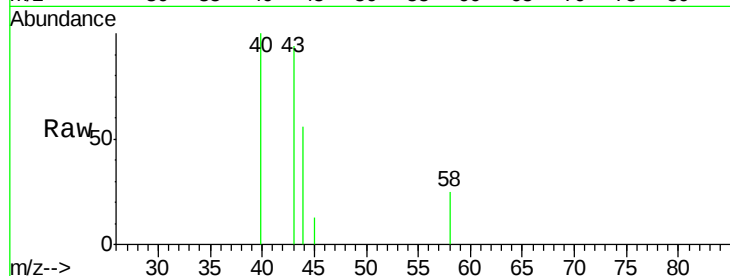
RE105D1-20190610

Tot Ion: 43 Resp: 2985

Ion Ratio Lower Upper

43 100

58 26.5 26.6 39.8#



#27

cis-1,2-Dichloroethene

Concen: 1.131 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN056253.D

Acq: 12 Jun 2019 17:01

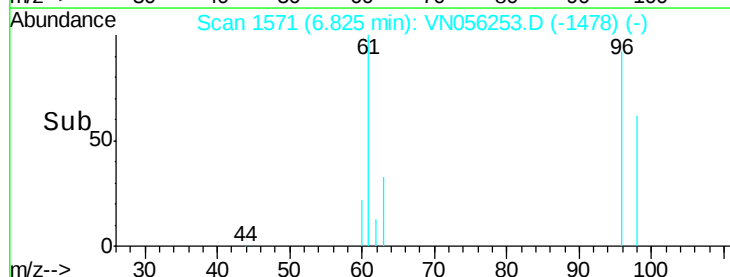
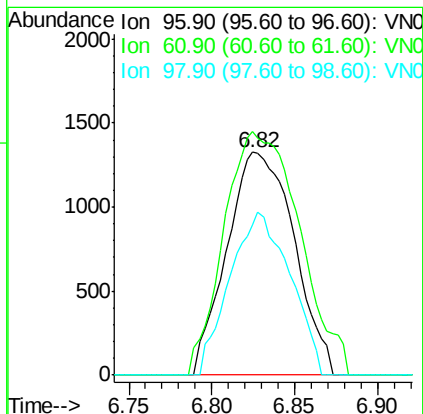
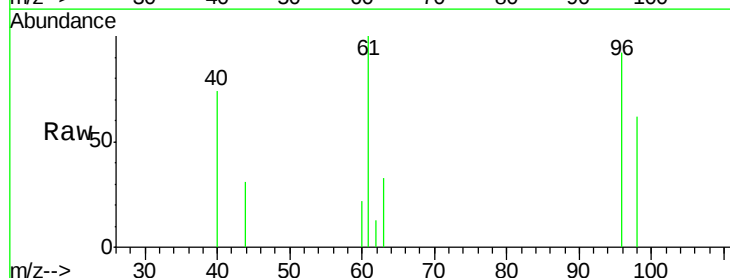
Tgt Ion: 96 Resp: 3744

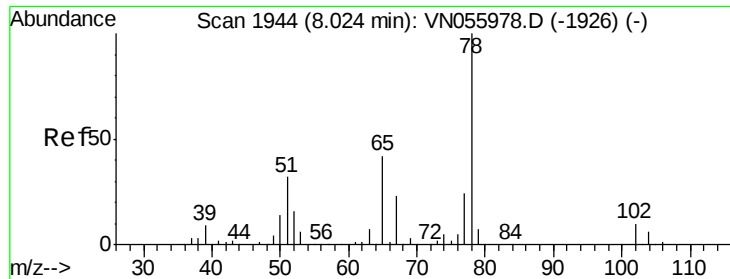
Ion Ratio Lower Upper

96 100

61 122.6 0.0 275.8

98 65.4 0.0 128.4

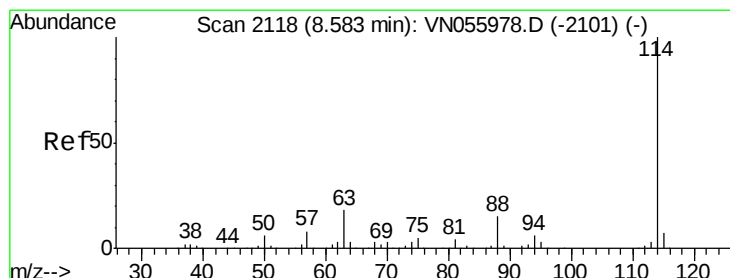
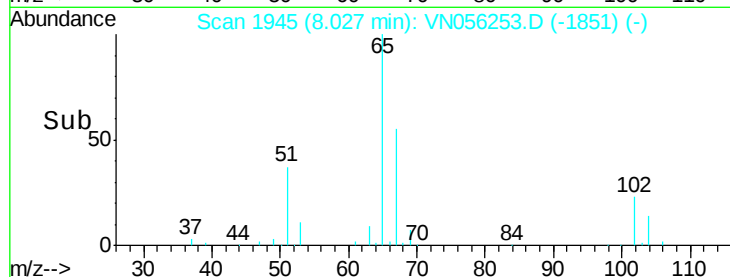
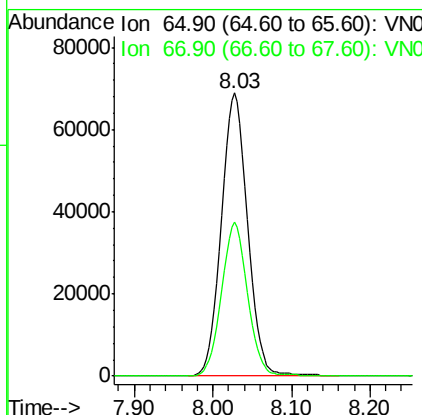
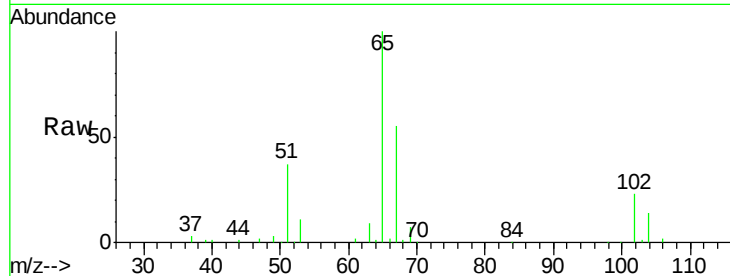




#33
 1,2-Dichloroethane-d4
 Concen: 51.135 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056253.D
 Acq: 12 Jun 2019 17:01

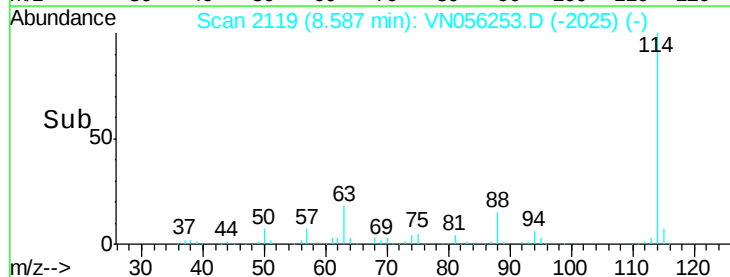
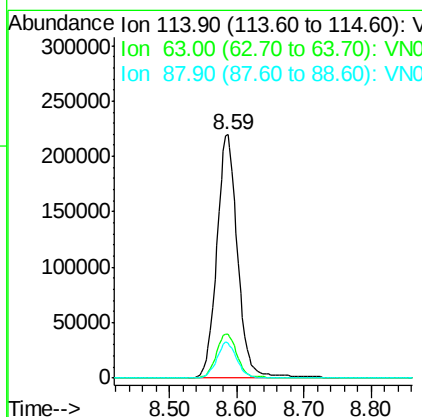
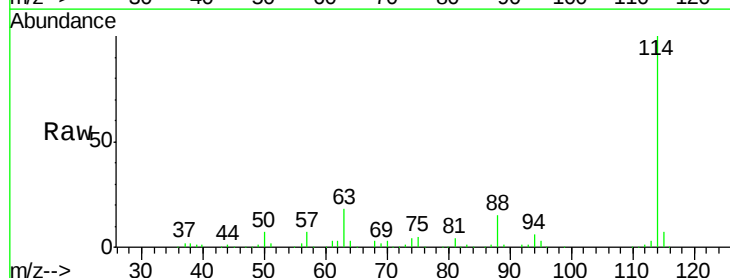
Instrument :
 MSVOA_N
 ClientSampleId :
 RE105D1-20190610

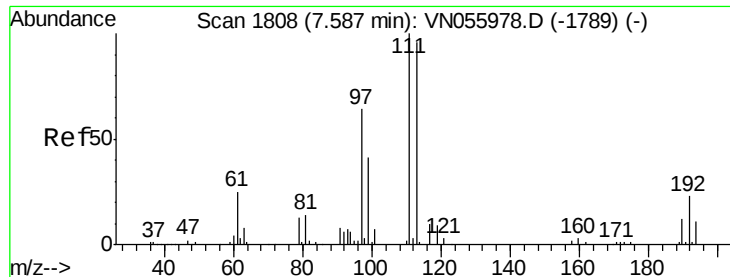
Tot Ion: 65 Resp: 158940
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056253.D
 Acq: 12 Jun 2019 17:01

Tgt Ion: 114 Resp: 474263
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 39.2
 88 14.5 0.0 31.0

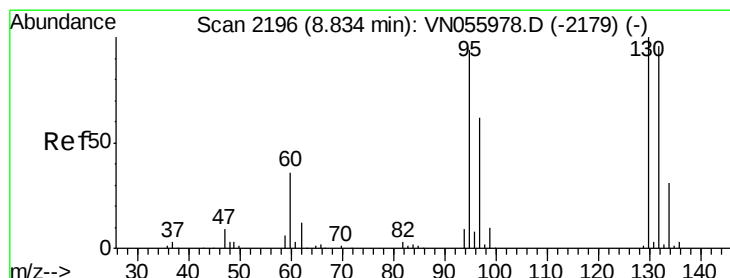
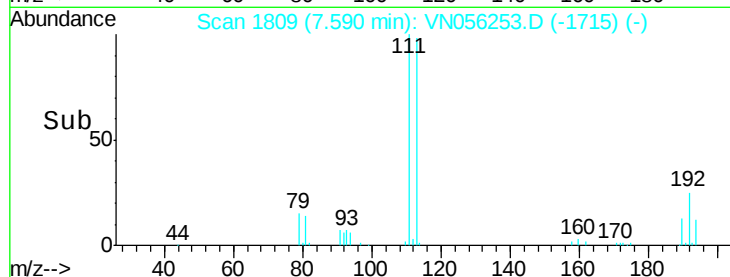
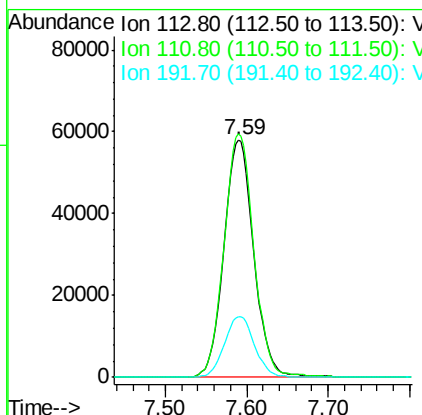
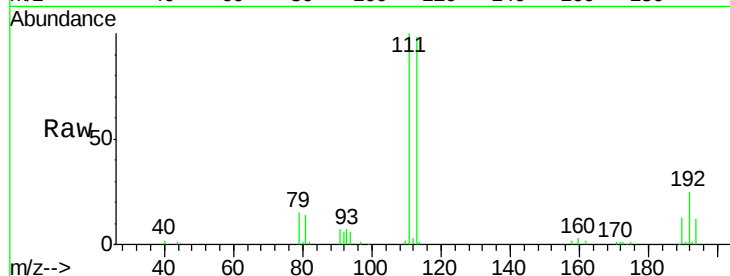




#35
 Dibromofluoromethane
 Concen: 51.348 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056253.D
 Acq: 12 Jun 2019 17:01

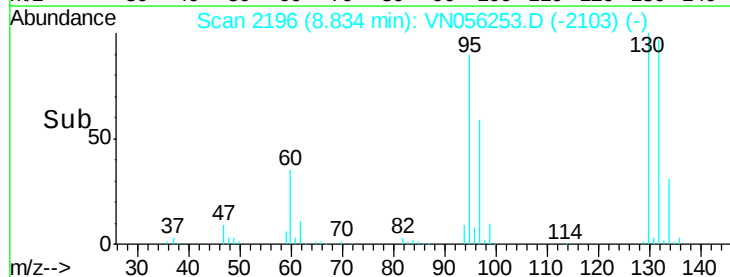
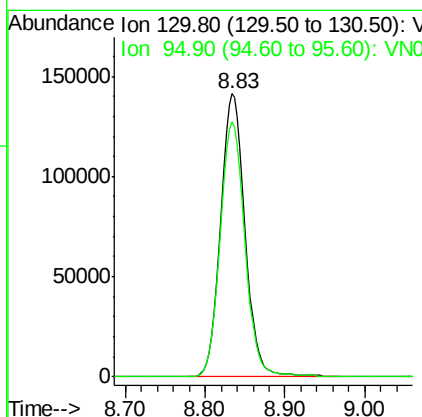
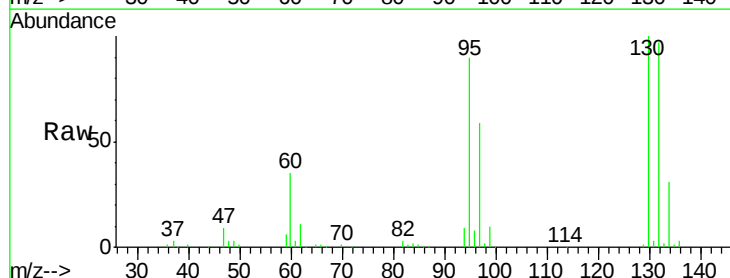
Instrument :
 MSVOA_N
 ClientSampleId :
 RE105D1-20190610

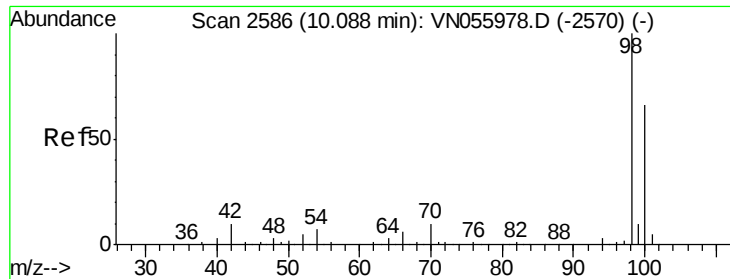
Tot Ion:113 Resp: 149409
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.9 122.9
 192 25.7 19.5 29.3



#44
 Trichloroethene
 Concen: 83.611 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN056253.D
 Acq: 12 Jun 2019 17:01

Tgt Ion:130 Resp: 297573
 Ion Ratio Lower Upper
 130 100
 95 90.0 0.0 188.0





#50

Toluene-d8

Concen: 51.915 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056253.D

Acq: 12 Jun 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

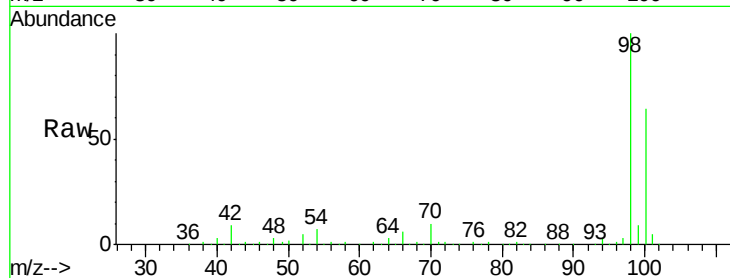
RE105D1-20190610

Tot Ion: 98 Resp: 581282

Ion Ratio Lower Upper

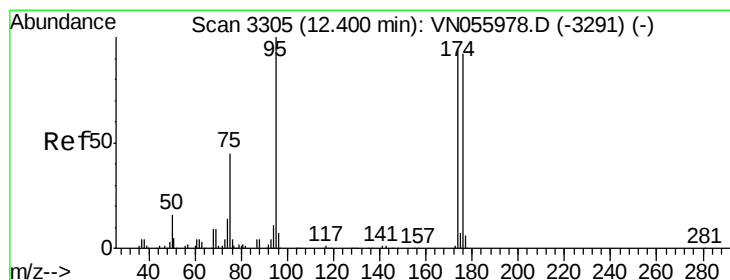
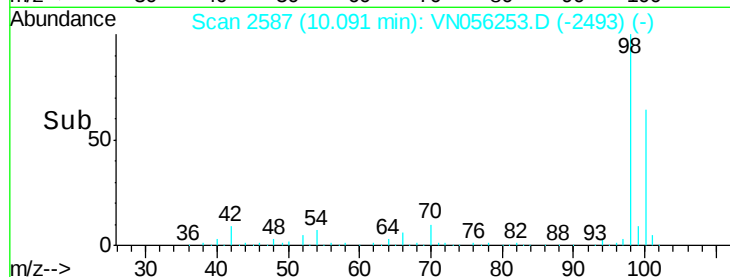
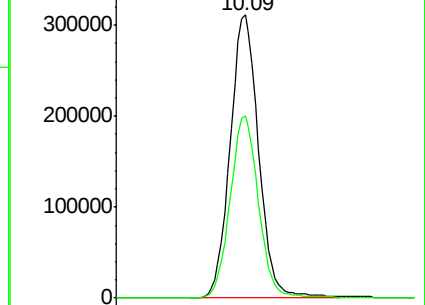
98 100

100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: 48.077 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056253.D

Acq: 12 Jun 2019 17:01

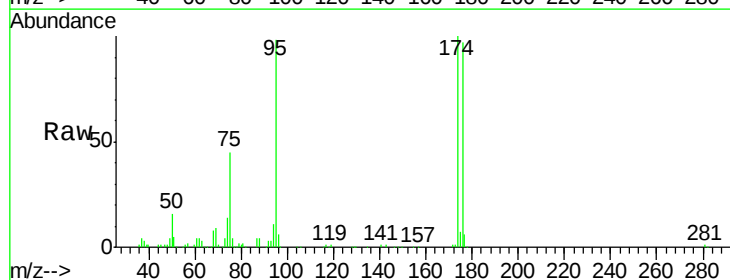
Tgt Ion: 95 Resp: 183064

Ion Ratio Lower Upper

95 100

174 101.6 0.0 191.0

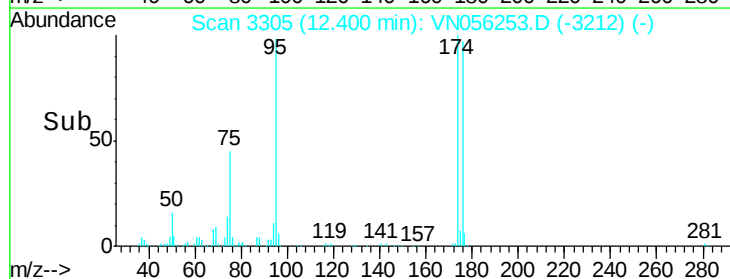
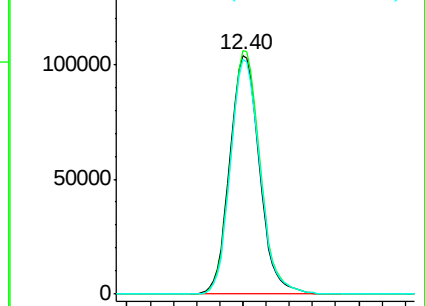
176 97.9 0.0 185.2

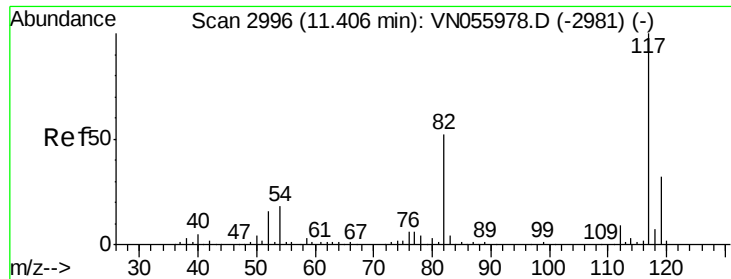


Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)

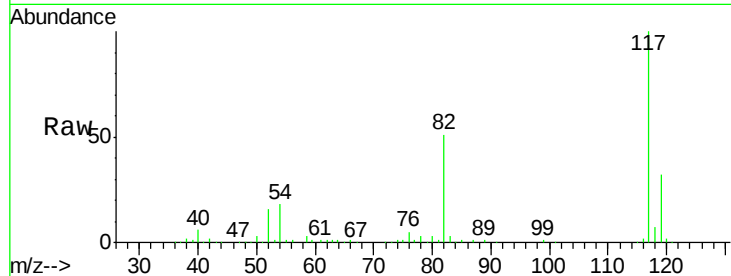




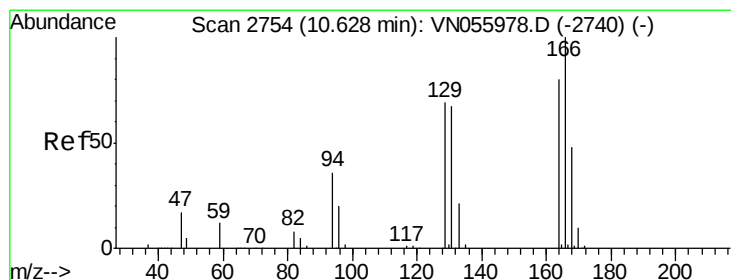
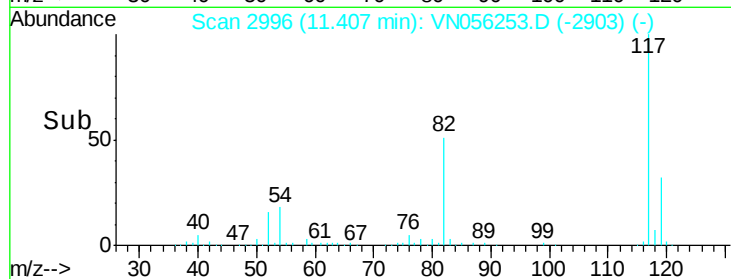
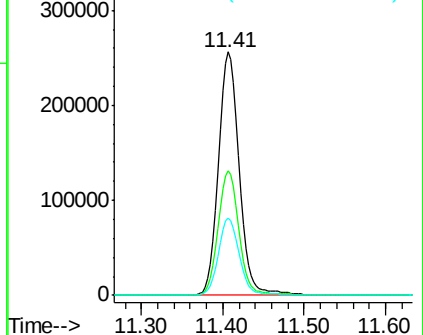
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056253.D
Acq: 12 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
RE105D1-20190610

Tot Ion:117 Resp: 466161
Ion Ratio Lower Upper
117 100
82 51.2 41.8 62.8
119 31.8 25.4 38.0

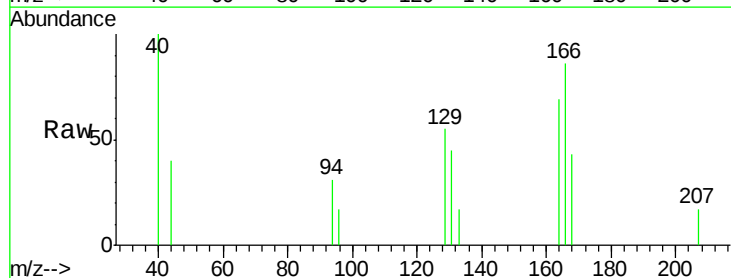


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

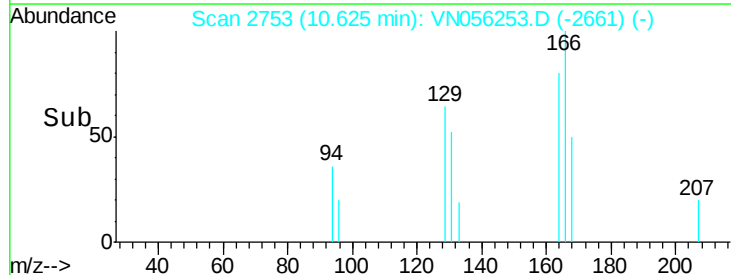
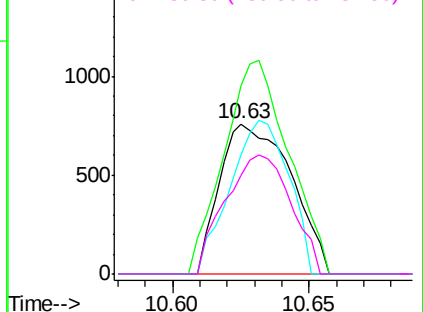


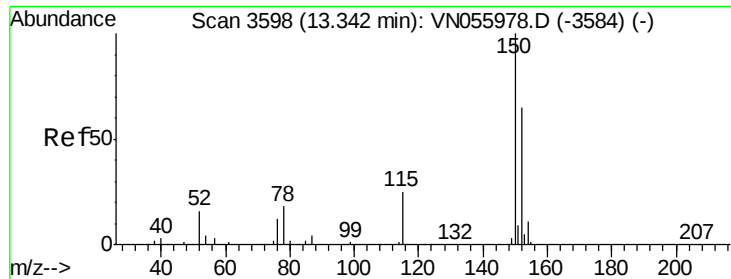
#64
Tetrachloroethene
Concen: 0.343 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN056253.D
Acq: 12 Jun 2019 17:01

Tgt Ion:164 Resp: 1386
Ion Ratio Lower Upper
164 100
166 125.0 103.0 154.6
129 79.7 70.6 105.8
131 65.5 68.6 102.8#



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056253.D

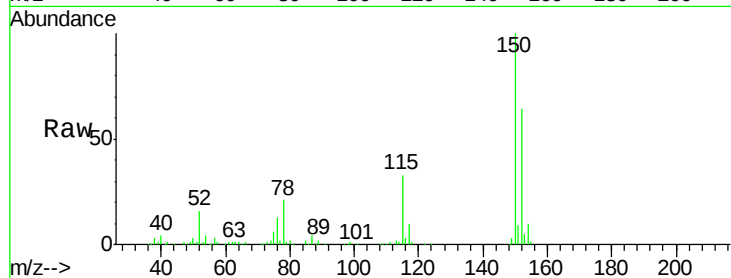
Acq: 12 Jun 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

RE105D1-20190610



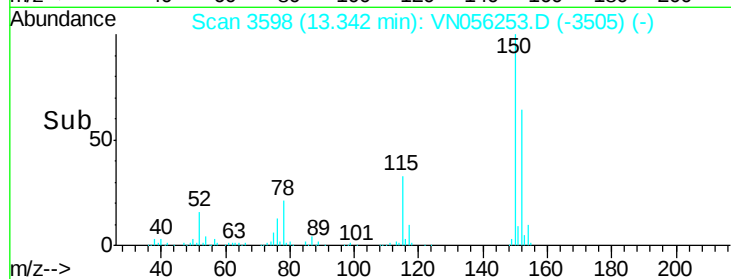
Tot Ion:152 Resp: 145929

Ion Ratio Lower Upper

152 100

115 51.6 27.0 81.0

150 157.1 0.0 343.2



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

