

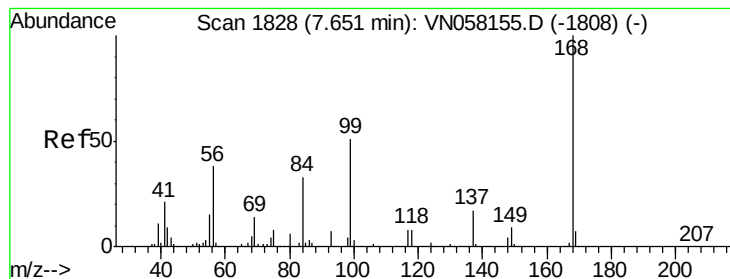
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092019\
 Data File : VN058260.D
 Acq On : 20 Sep 2019 18:55
 Operator : JC/SP
 Sample : K4975-03DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D2-20190917DL

Quant Time: Sep 23 06:47:58 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	481399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	796730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	669808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	265762	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	353950	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.58%	
35) Dibromofluoromethane	7.57	113	245413	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
50) Toluene-d8	10.08	98	1001218	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.12%	
62) 4-Bromofluorobenzene	12.41	95	313296	44.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.38%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.74	101	10146	2.607	ug/l	96
12) 1,1-Dichloroethene	3.72	96	2360	0.446	ug/l #	67
44) Trichloroethene	8.82	130	530492	123.529	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058260.D

Acq: 20 Sep 2019 18:55

Instrument :

MSVOA_N

ClientSampleId :

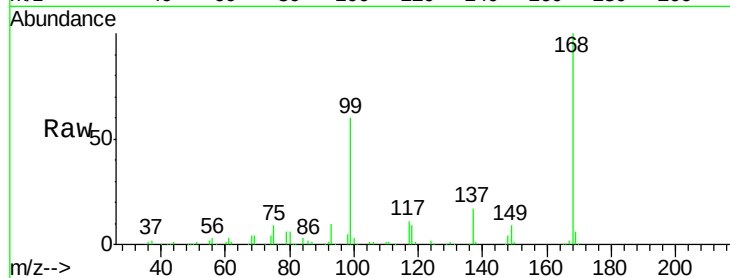
TT101D2-20190917DL

Tot Ion:168 Resp: 481399

Ion Ratio Lower Upper

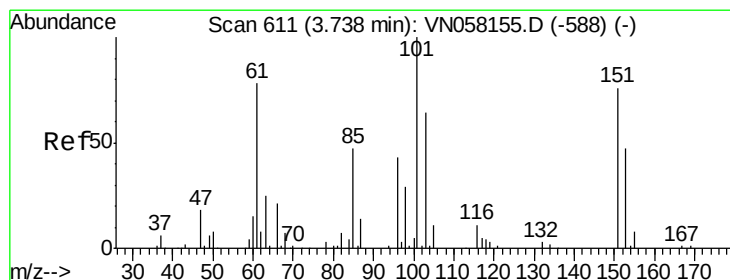
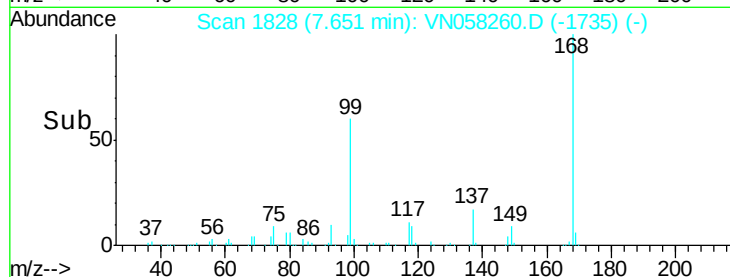
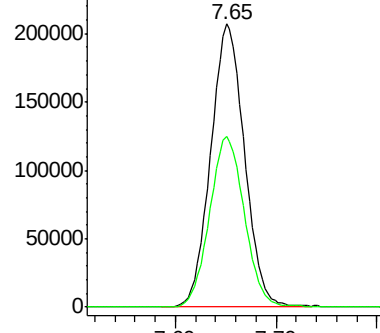
168 100

99 60.3 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.607 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN058260.D

Acq: 20 Sep 2019 18:55

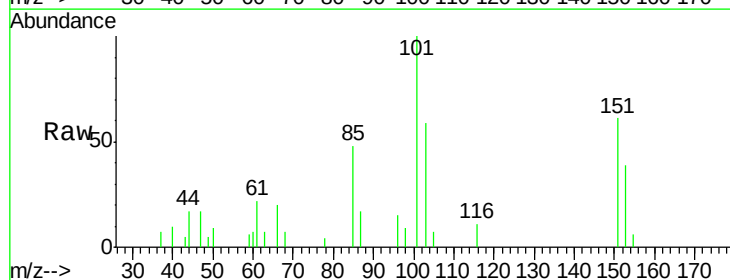
Tgt Ion:101 Resp: 10146

Ion Ratio Lower Upper

101 100

85 45.7 37.3 55.9

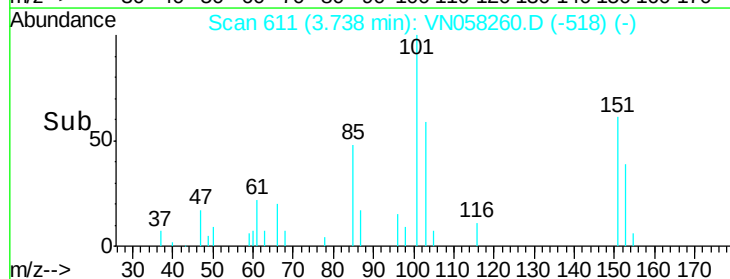
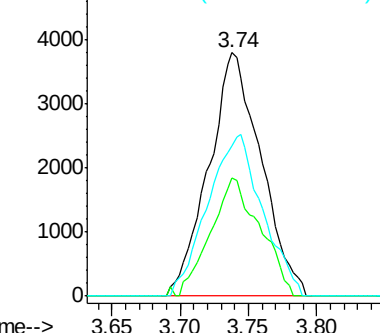
151 69.1 59.6 89.4

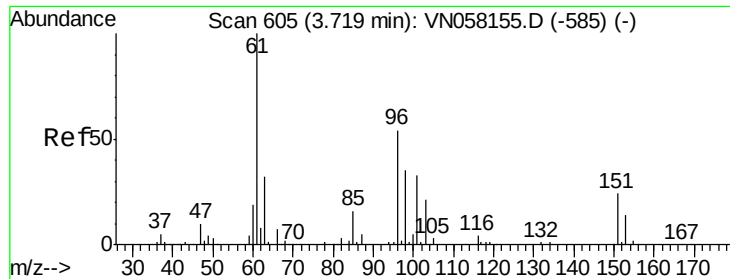


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 0.446 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN058260.D

Acq: 20 Sep 2019 18:55

Instrument :

MSVOA_N

ClientSampleId :

TT101D2-20190917DL

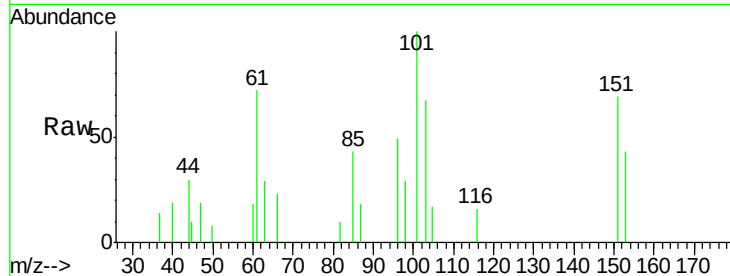
Tot Ion: 96 Resp: 2360

Ion Ratio Lower Upper

96 100

61 126.4 149.5 224.3#

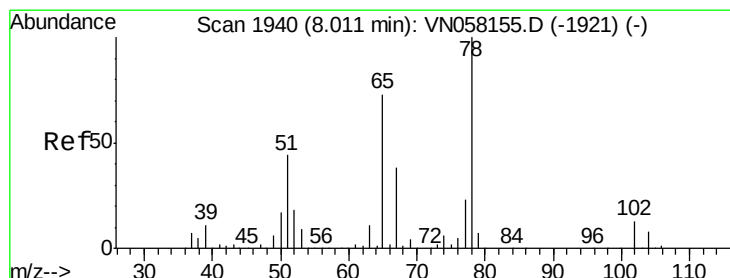
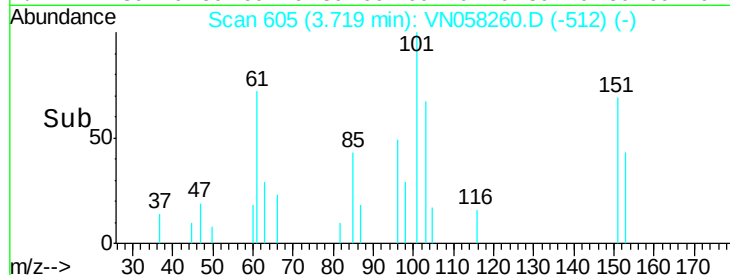
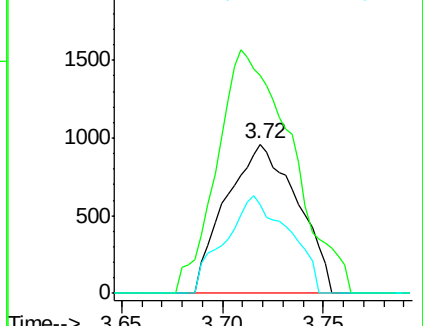
98 59.5 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.790 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058260.D

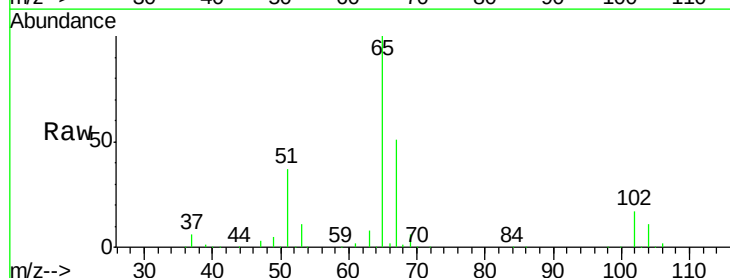
Acq: 20 Sep 2019 18:55

Tgt Ion: 65 Resp: 353950

Ion Ratio Lower Upper

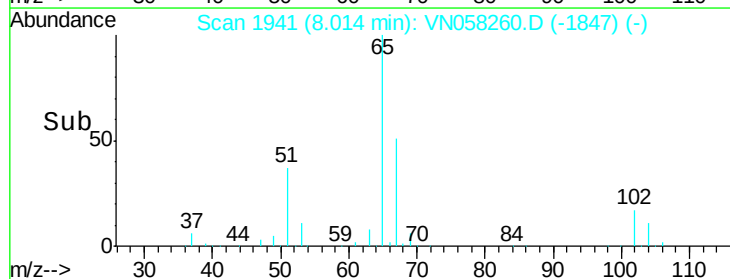
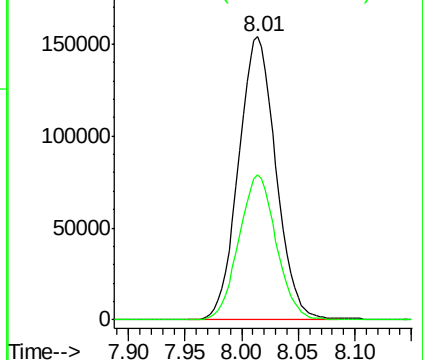
65 100

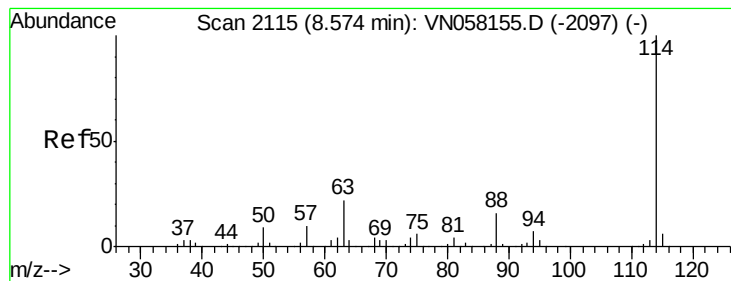
67 51.3 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058260.D

Acq: 20 Sep 2019 18:55

Instrument :

MSVOA_N

ClientSampleId :

TT101D2-20190917DL

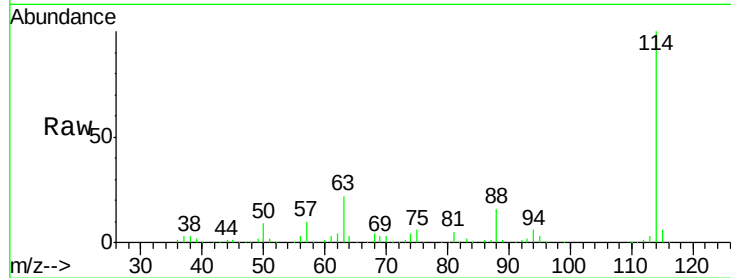
Tot Ion:114 Resp: 796730

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.2

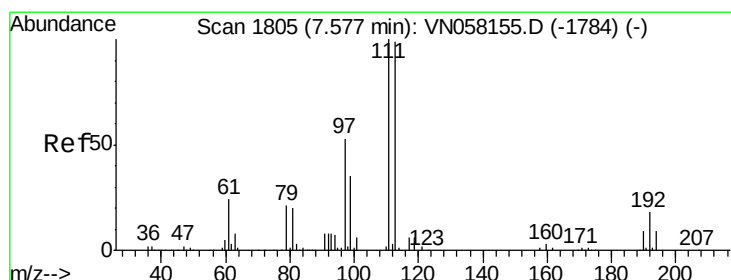
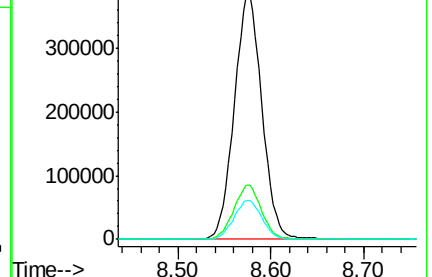
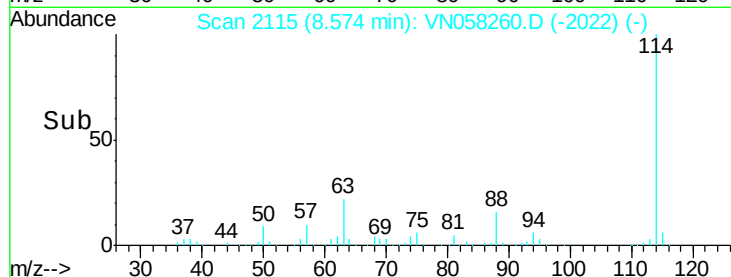
88 16.1 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.669 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058260.D

Acq: 20 Sep 2019 18:55

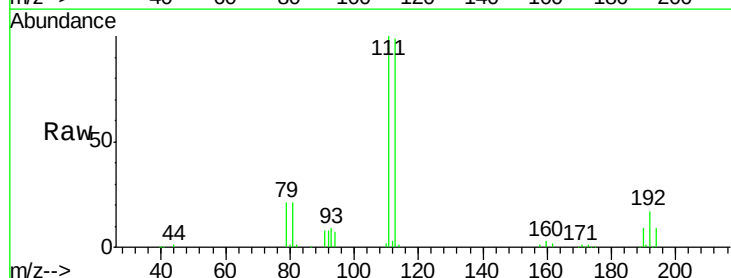
Tgt Ion:113 Resp: 245413

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.6

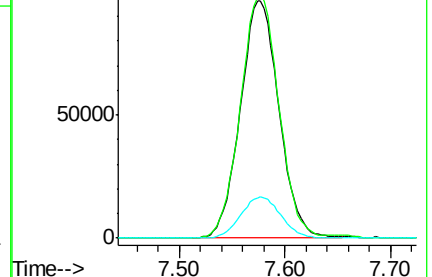
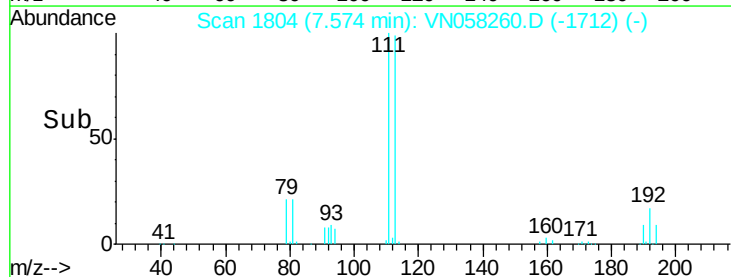
192 17.9 14.5 21.7

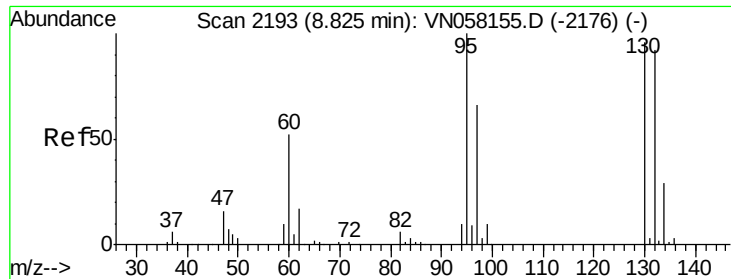


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 123.529 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058260.D

Acq: 20 Sep 2019 18:55

Instrument :

MSVOA_N

ClientSampleId :

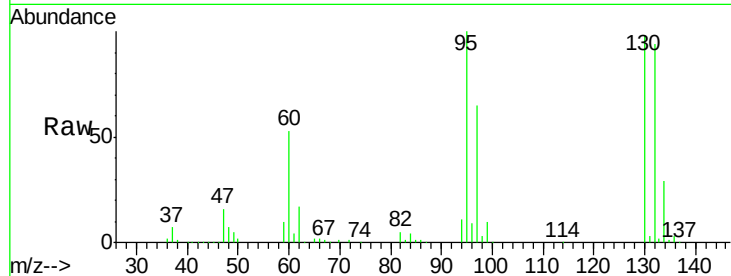
TT101D2-20190917DL

Tot Ion:130 Resp: 530492

Ion Ratio Lower Upper

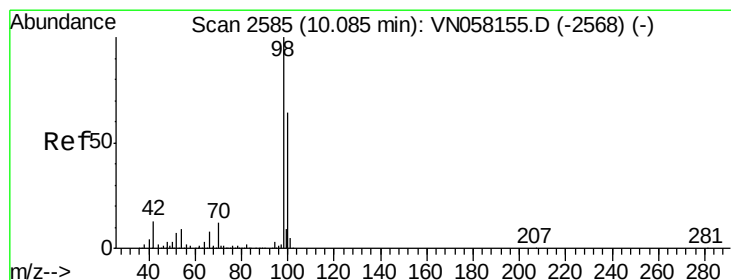
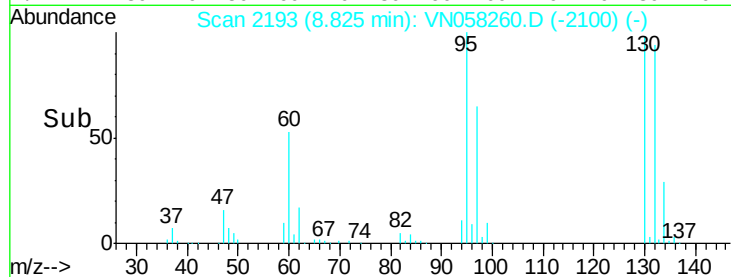
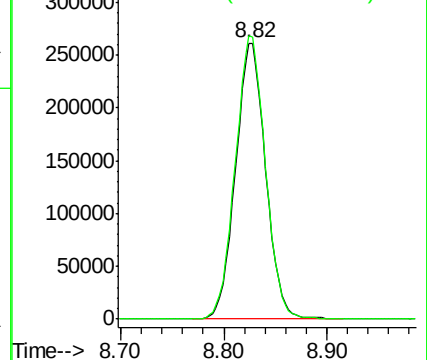
130 100

95 102.5 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): VN058260.D (-2100) (-)

Ion 94.90 (94.60 to 95.60): VN058260.D (-2100) (-)



#50

Toluene-d8

Concen: 53.056 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058260.D

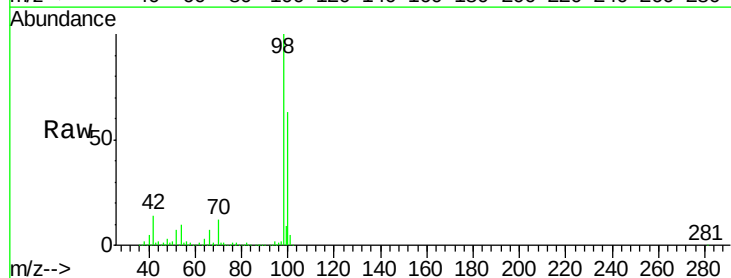
Acq: 20 Sep 2019 18:55

Tgt Ion: 98 Resp: 1001218

Ion Ratio Lower Upper

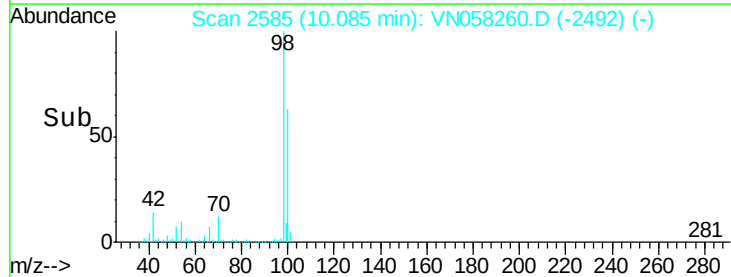
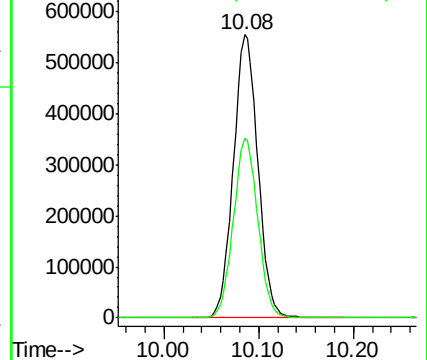
98 100

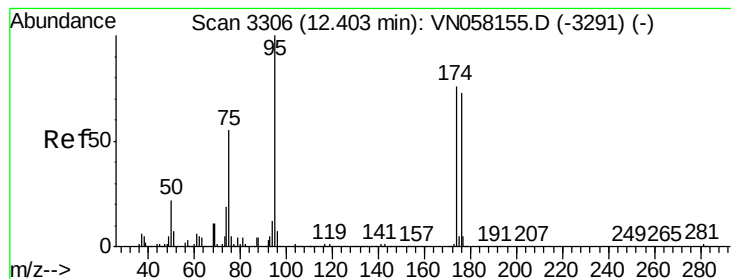
100 63.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN058260.D (-2492) (-)

Ion 100.00 (99.70 to 100.70): VN058260.D (-2492) (-)





#62

4-Bromofluorobenzene

Concen: 44.693 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058260.D

Acq: 20 Sep 2019 18:55

Instrument :

MSVOA_N

ClientSampleId :

TT101D2-20190917DL

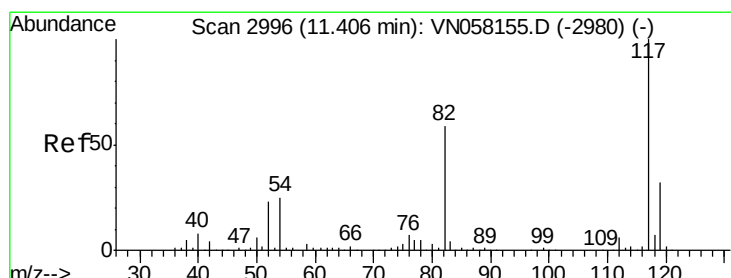
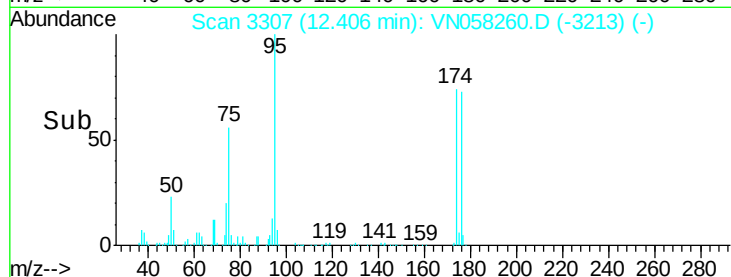
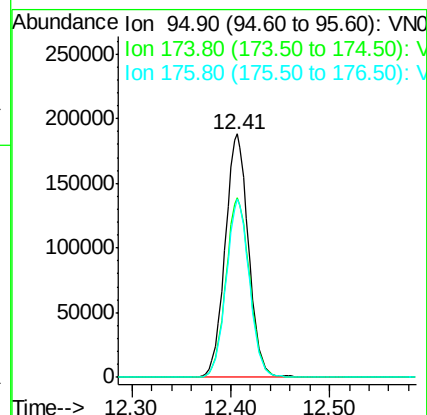
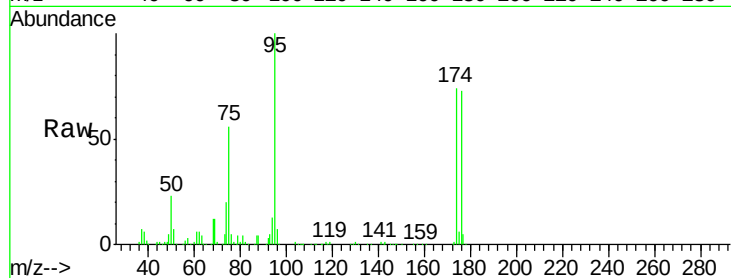
Tot Ion: 95 Resp: 313296

Ion Ratio Lower Upper

95 100

174 75.0 0.0 152.2

176 72.5 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: VN058260.D

Acq: 20 Sep 2019 18:55

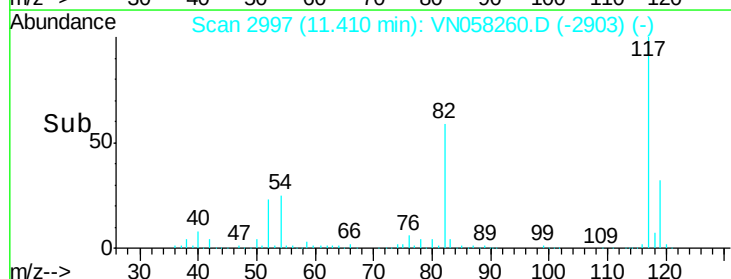
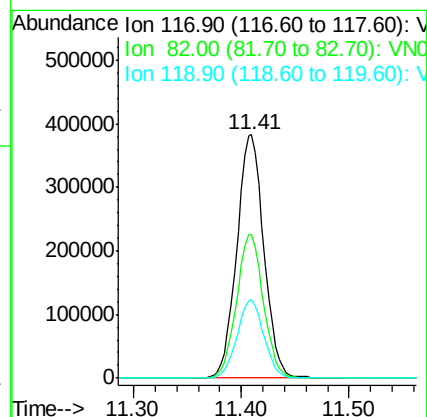
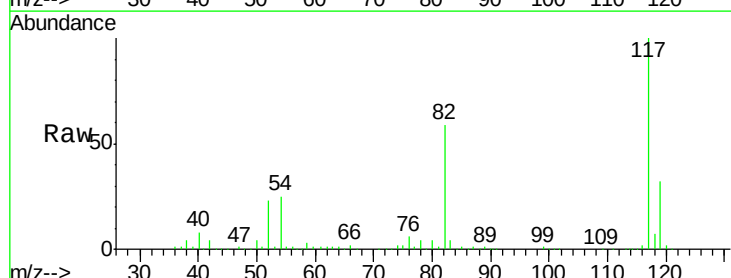
Tgt Ion: 117 Resp: 669808

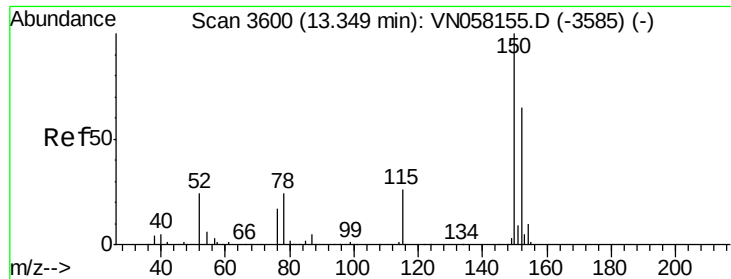
Ion Ratio Lower Upper

117 100

82 58.9 46.9 70.3

119 32.3 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058260.D

Acq: 20 Sep 2019 18:55

Instrument :

MSVOA_N

ClientSampleId :

TT101D2-20190917DL

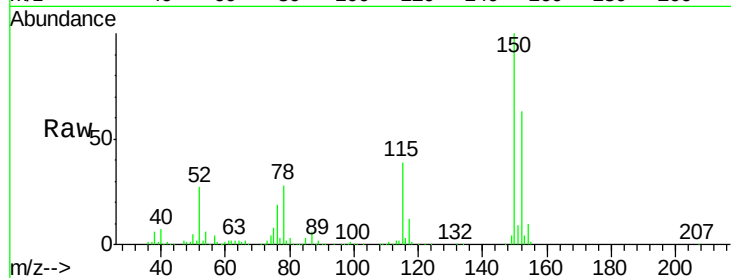
Tot Ion:152 Resp: 265762

Ion Ratio Lower Upper

152 100

115 60.9 30.1 90.3

150 159.2 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

