

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090719\
 Data File : VN057780.D
 Acq On : 8 Sep 2019 2:07
 Operator : JC/SP
 Sample : K4601-29
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-E4-(2.7)

Quant Time: Sep 08 07:29:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

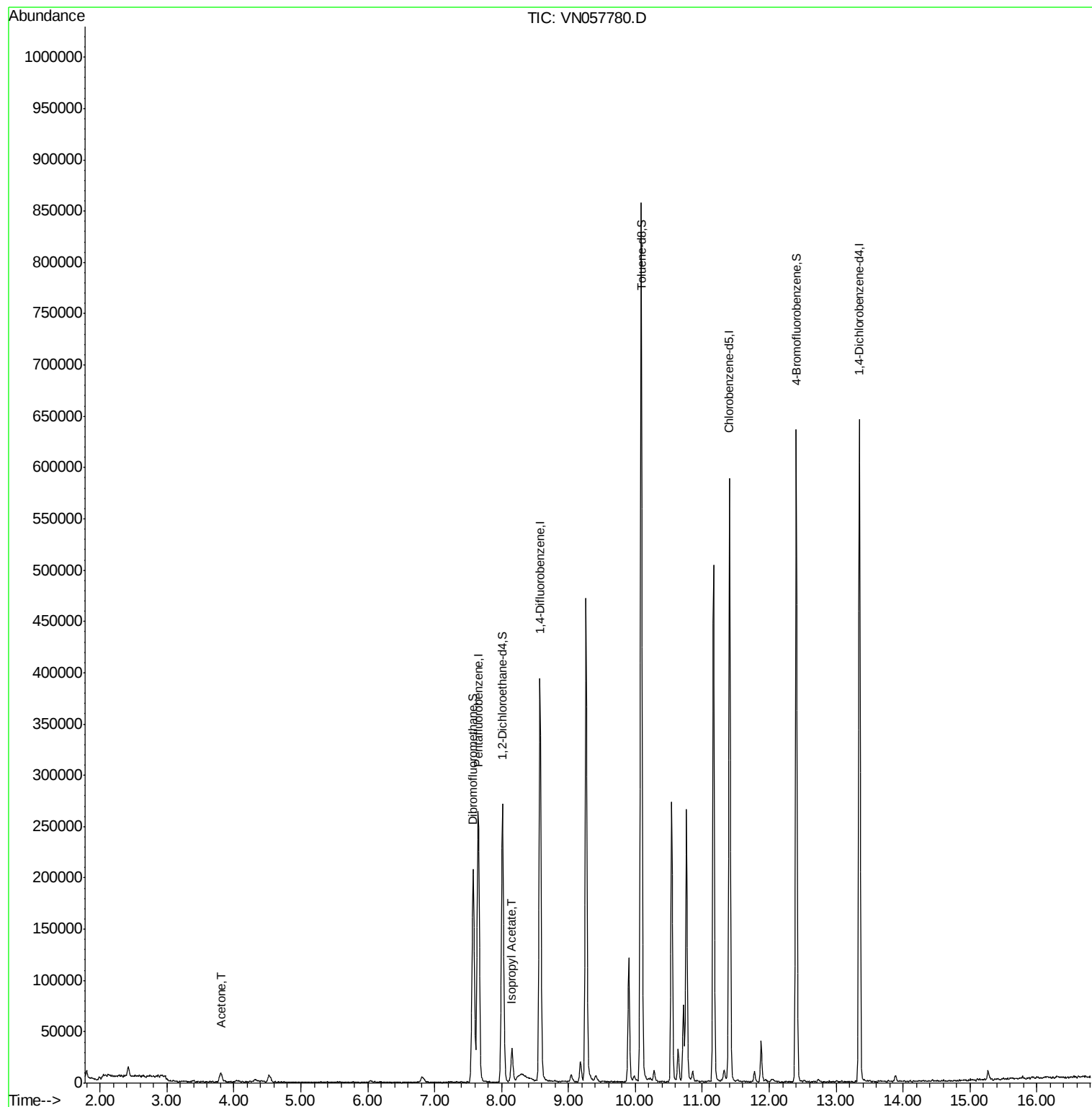
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	192232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	310946	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	288839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	147805	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	238695	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
35) Dibromofluoromethane	7.58	113	147814	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	
50) Toluene-d8	10.08	98	541367	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.40	95	202966	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
Target Compounds						
16) Acetone	3.80	43	15877	11.033	ug/l	97
43) Isopropyl Acetate	8.16	43	39490	5.010	ug/l	99

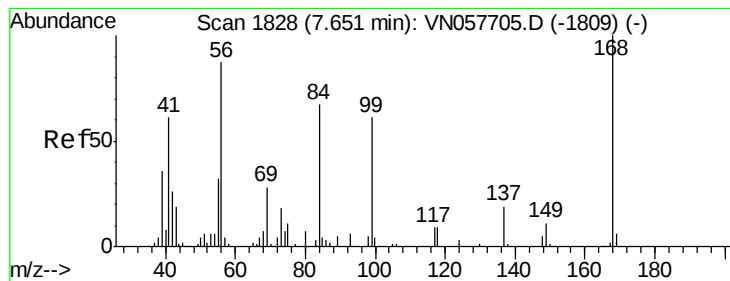
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057780.D

Acq: 8 Sep 2019 2:07

Instrument :

MSVOA_N

ClientSampleId :

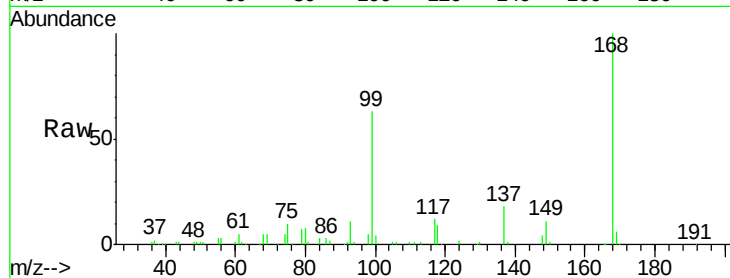
T12-E4-(2.7)

Tot Ion:168 Resp: 192232

Ion Ratio Lower Upper

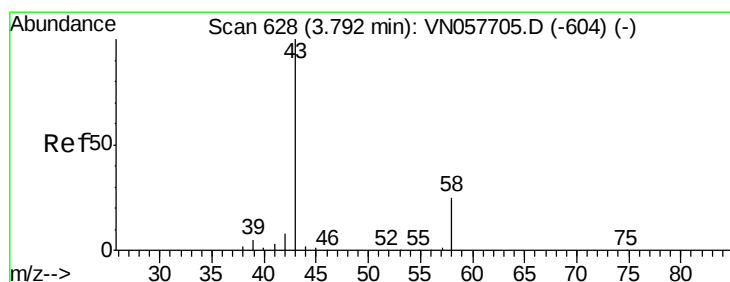
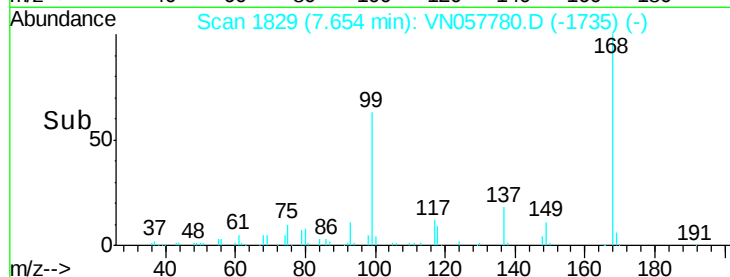
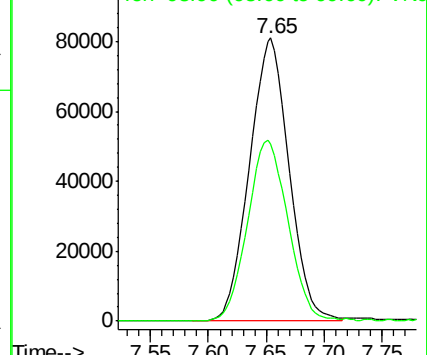
168 100

99 62.8 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 11.033 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057780.D

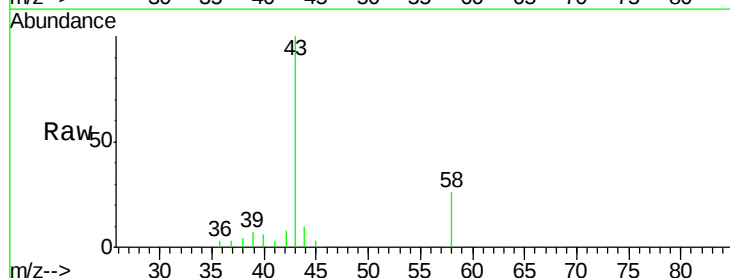
Acq: 8 Sep 2019 2:07

Tgt Ion: 43 Resp: 15877

Ion Ratio Lower Upper

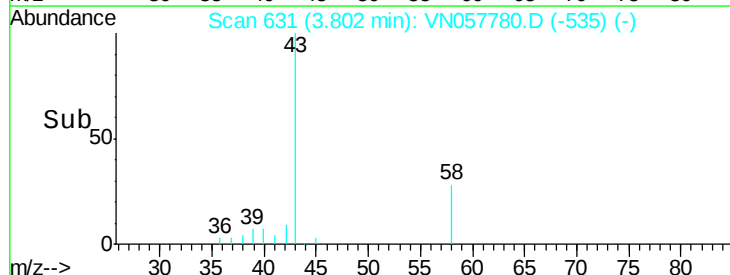
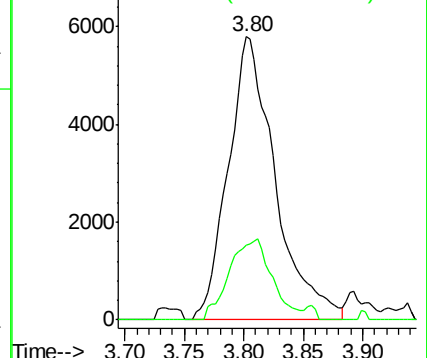
43 100

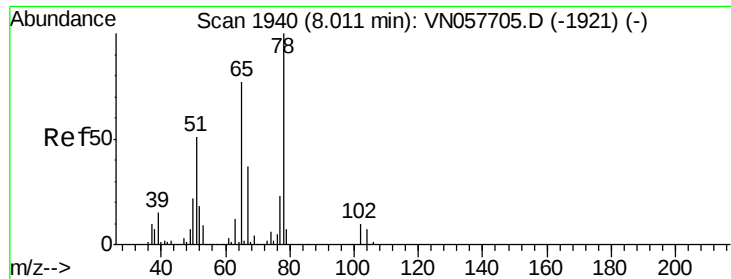
58 26.5 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

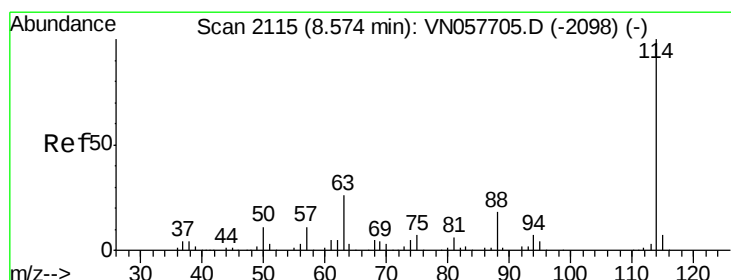
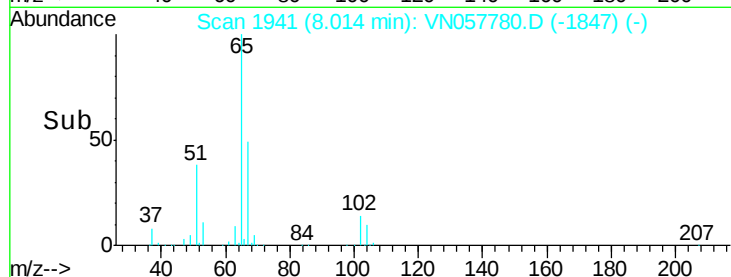
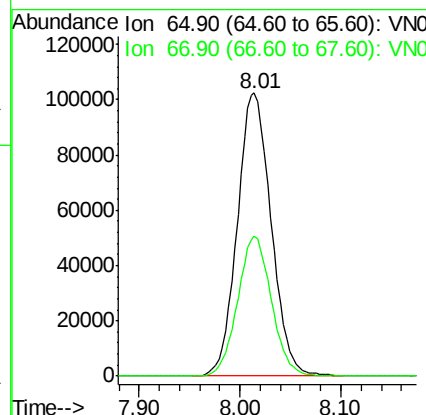
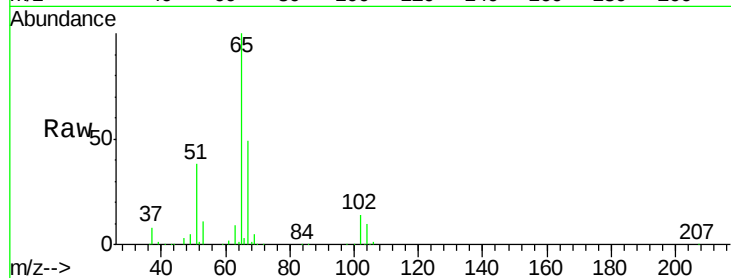




#33
 1,2-Dichloroethane-d4
 Concen: 51.042 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057780.D
 Acq: 8 Sep 2019 2:07

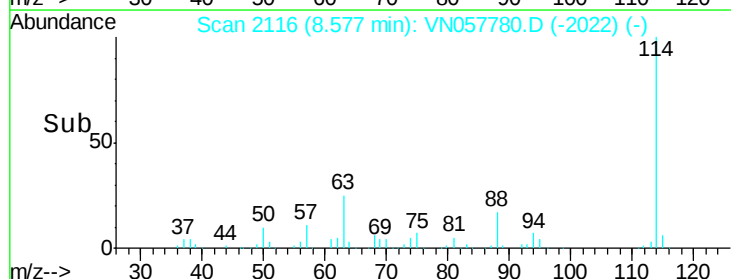
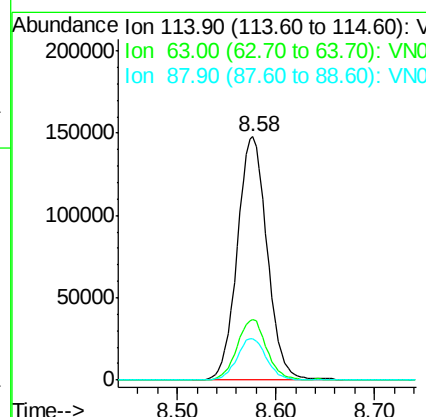
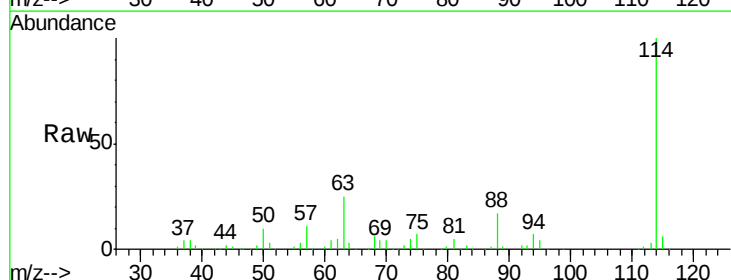
Instrument :
 MSVOA_N
 ClientSampleId :
 T12-E4-(2.7)

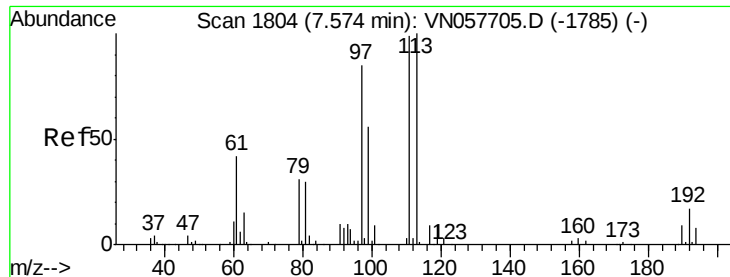
Tot Ion: 65 Resp: 238695
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057780.D
 Acq: 8 Sep 2019 2:07

Tgt Ion: 114 Resp: 310946
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 52.4
 88 16.9 0.0 35.4

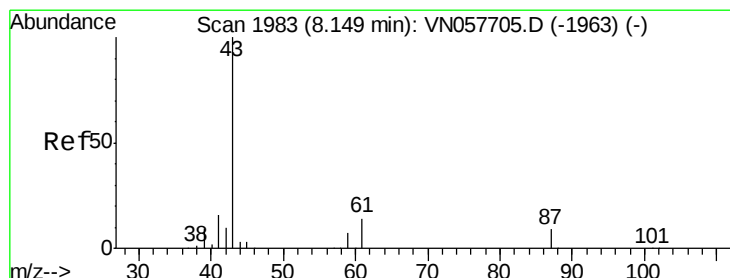
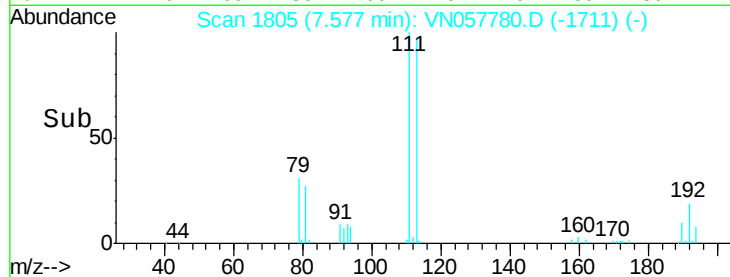
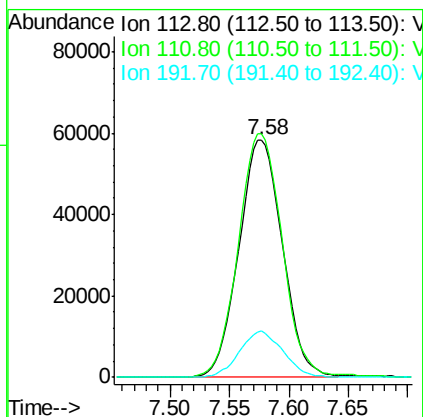
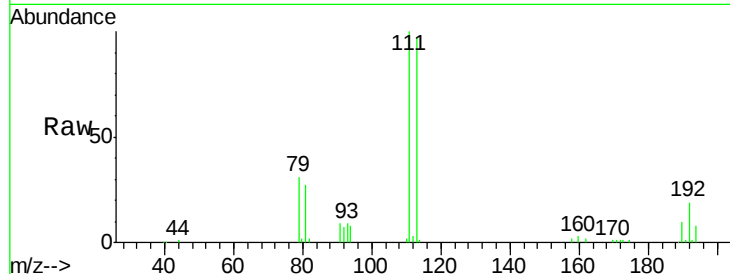




#35
 Dibromofluoromethane
 Concen: 52.190 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057780.D
 Acq: 8 Sep 2019 2:07

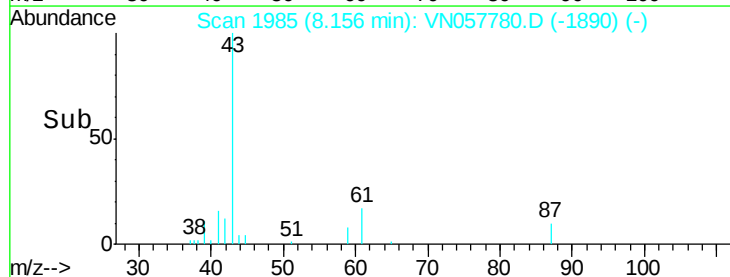
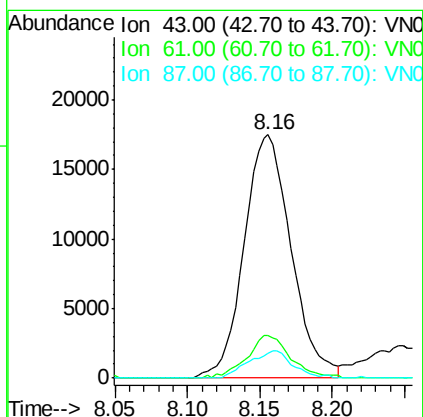
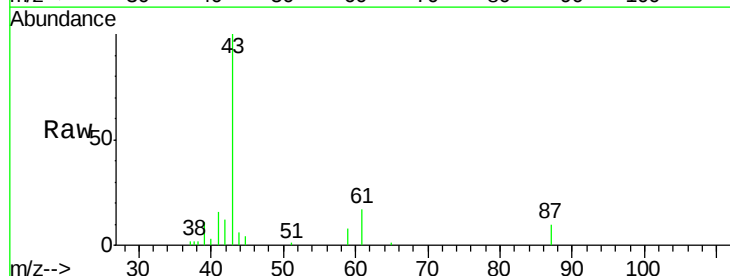
Instrument :
 MSVOA_N
 ClientSampleId :
 T12-E4-(2.7)

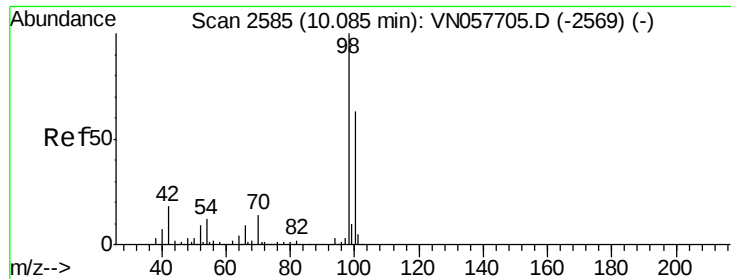
Tot Ion:113 Resp: 147814
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.7 124.1
 192 19.5 13.8 20.6



#43
 Isopropyl Acetate
 Concen: 5.010 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.01 min
 Lab File: VN057780.D
 Acq: 8 Sep 2019 2:07

Tgt Ion: 43 Resp: 39490
 Ion Ratio Lower Upper
 43 100
 61 16.4 12.8 19.2
 87 10.5 7.8 11.8





#50

Toluene-d8

Concen: 51.671 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057780.D

Acq: 8 Sep 2019 2:07

Instrument :

MSVOA_N

ClientSampleId :

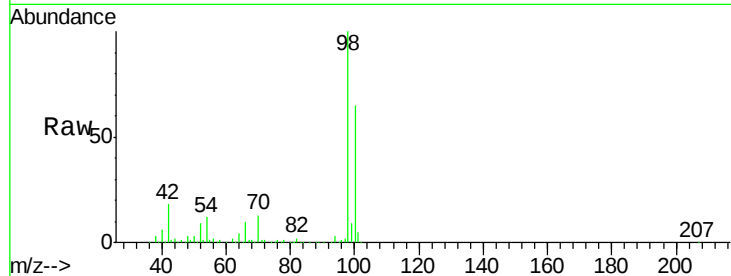
T12-E4-(2.7)

Tot Ion: 98 Resp: 541367

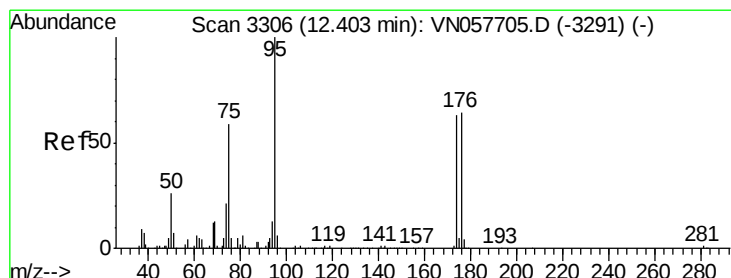
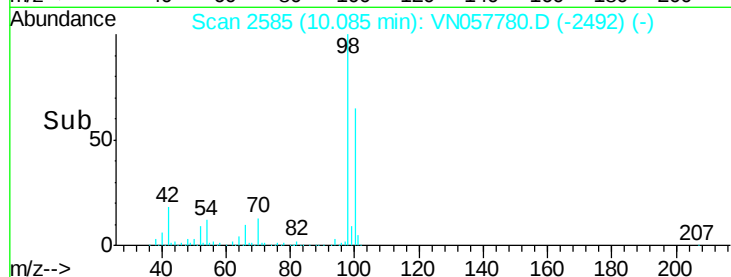
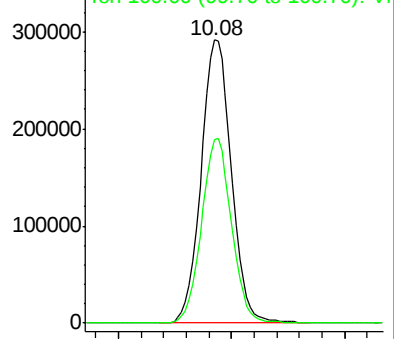
Ion Ratio Lower Upper

98 100

100 64.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN057780.D (-2492) (-)



#62

4-Bromofluorobenzene

Concen: 46.640 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN057780.D

Acq: 8 Sep 2019 2:07

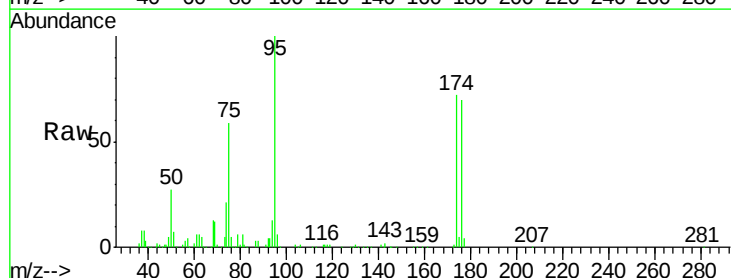
Tgt Ion: 95 Resp: 202966

Ion Ratio Lower Upper

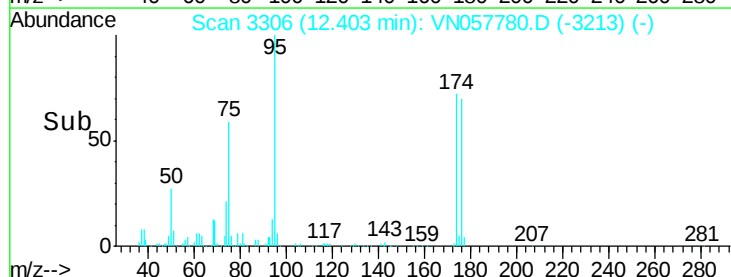
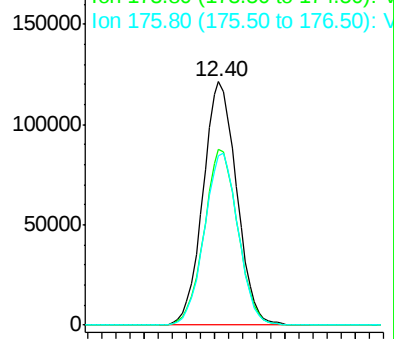
95 100

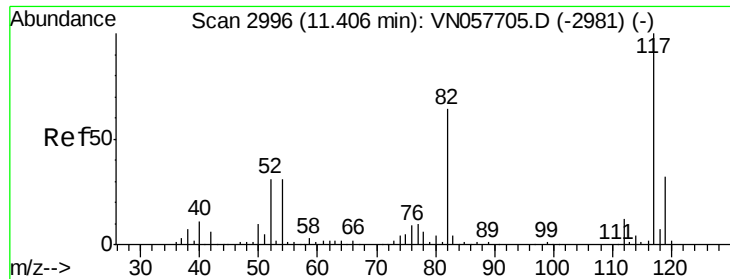
174 72.4 0.0 128.0

176 70.8 0.0 128.0



Abundance Ion 94.90 (94.60 to 95.60): VN057780.D (-3213) (-)

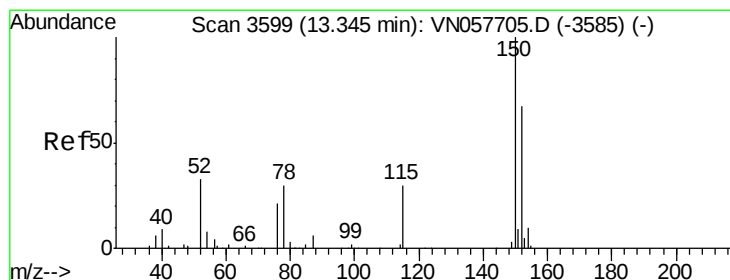
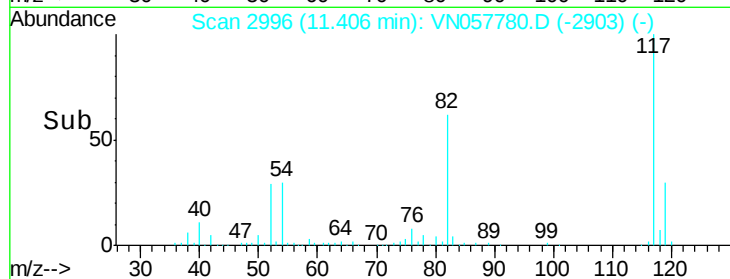
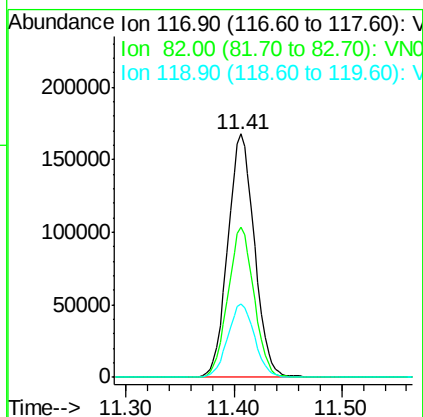
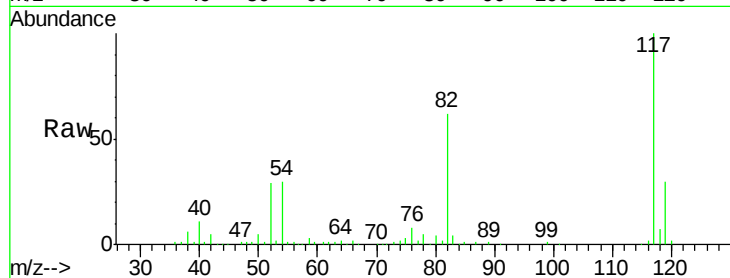




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN057780.D
Acq: 8 Sep 2019 2:07

Instrument :
MSVOA_N
ClientSampled :
T12-E4-(2.7)

Tot Ion:117 Resp: 288839
Ion Ratio Lower Upper
117 100
82 61.9 51.4 77.0
119 30.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057780.D
Acq: 8 Sep 2019 2:07

Tgt Ion:152 Resp: 147805
Ion Ratio Lower Upper
152 100
115 62.2 33.8 101.3
150 156.0 0.0 345.4

