

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100319\
 Data File : VN058506.D
 Acq On : 3 Oct 2019 13:53
 Operator : JC/SP
 Sample : K4660-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-GROUNDWATER

Quant Time: Oct 04 04:09:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

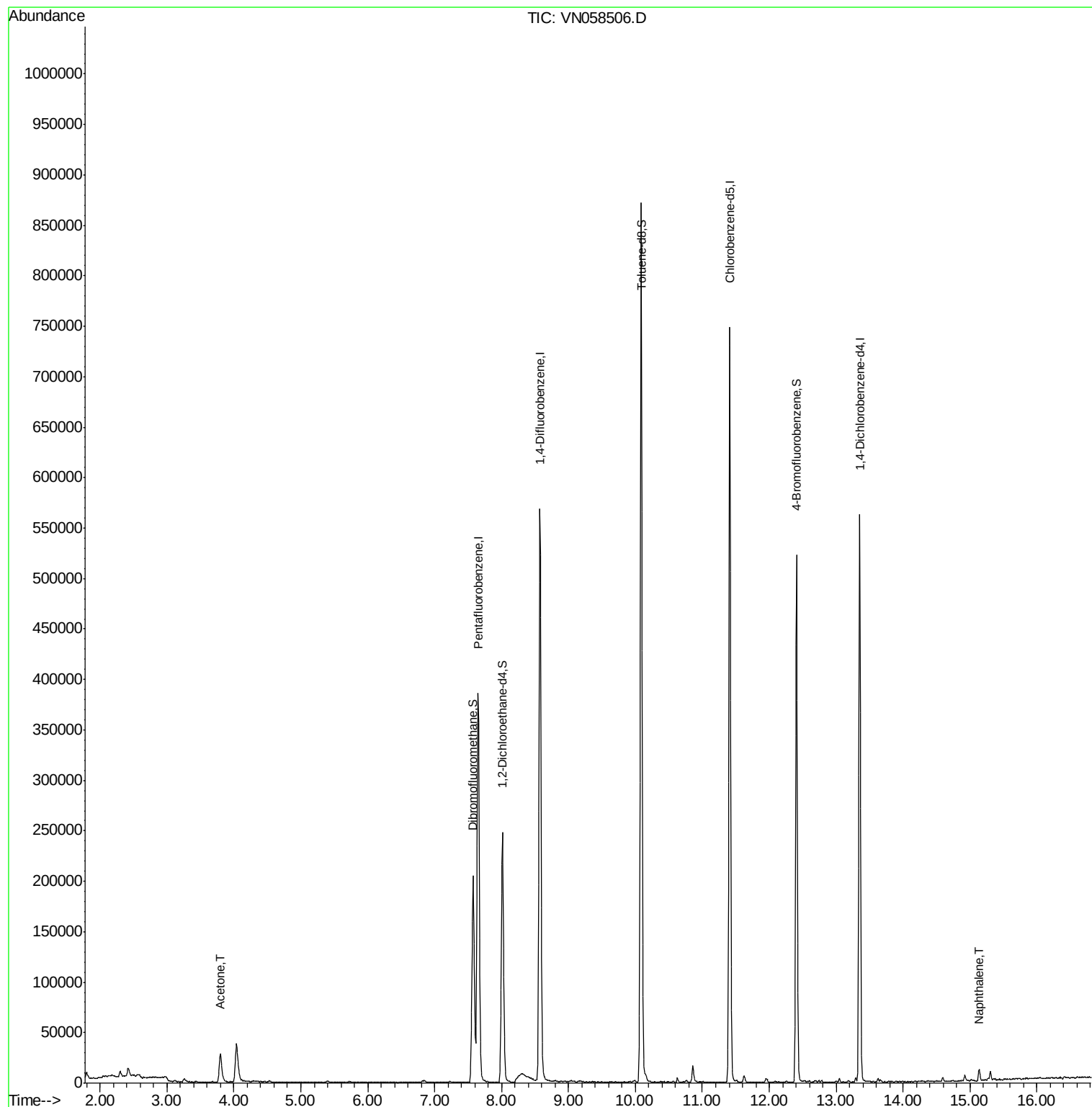
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	300966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	487019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	405980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	140060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	216632	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
35) Dibromofluoromethane	7.57	113	153235	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
50) Toluene-d8	10.08	98	602378	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.41	95	175481	41.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.00%	
Target Compounds						
16) Acetone	3.80	43	49396	32.946	ug/l	99
95) Naphthalene	15.14	128	9731	1.394	ug/l	99

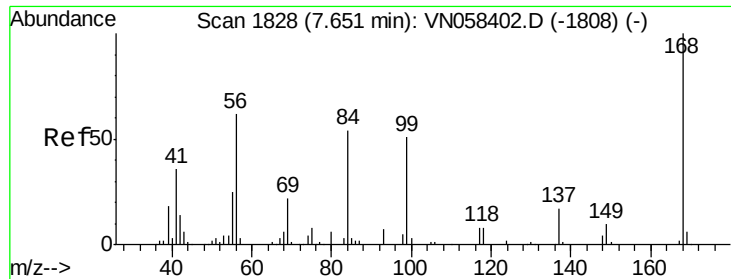
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058506.D

Acq: 3 Oct 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

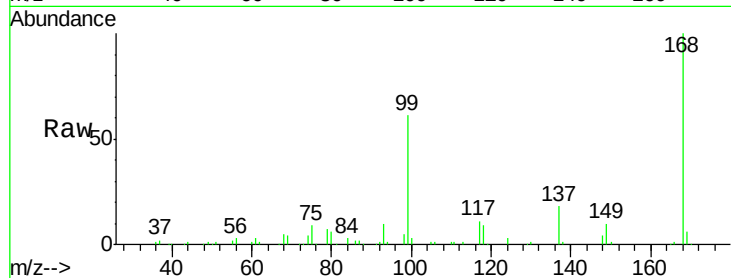
TP-1-GROUNDWATER

Tot Ion:168 Resp: 300966

Ion Ratio Lower Upper

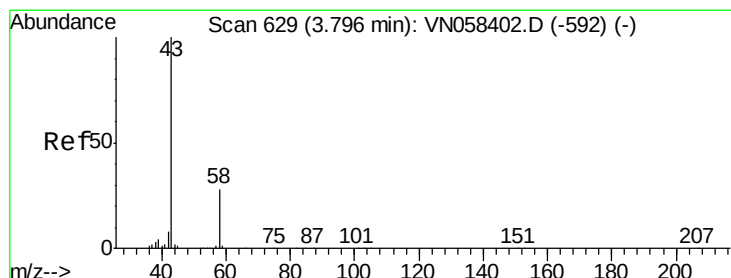
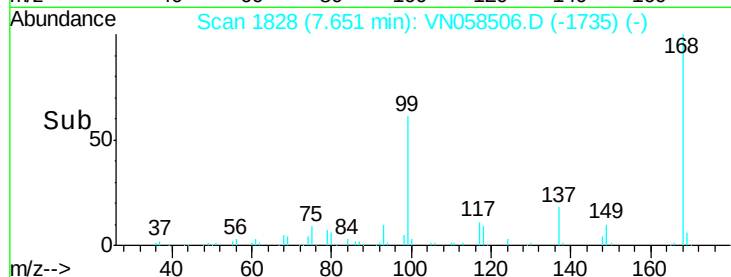
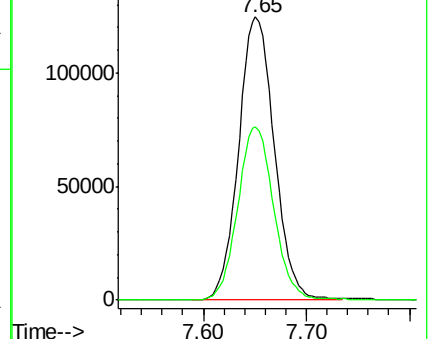
168 100

99 61.3 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 32.946 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058506.D

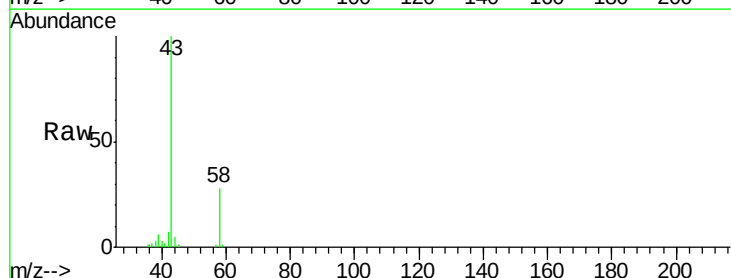
Acq: 3 Oct 2019 13:53

Tgt Ion: 43 Resp: 49396

Ion Ratio Lower Upper

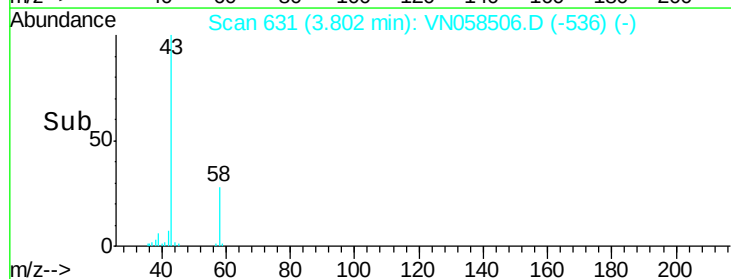
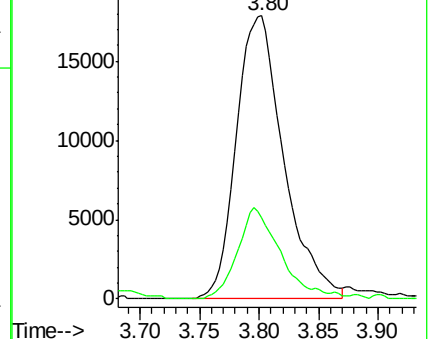
43 100

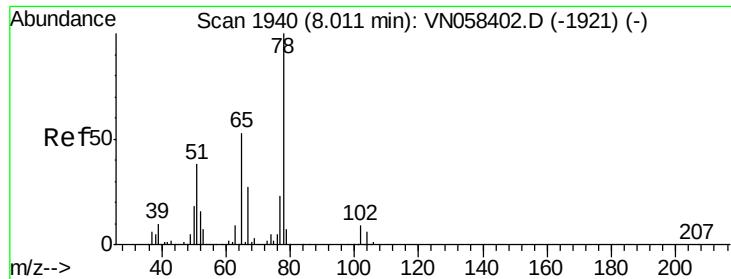
58 28.4 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

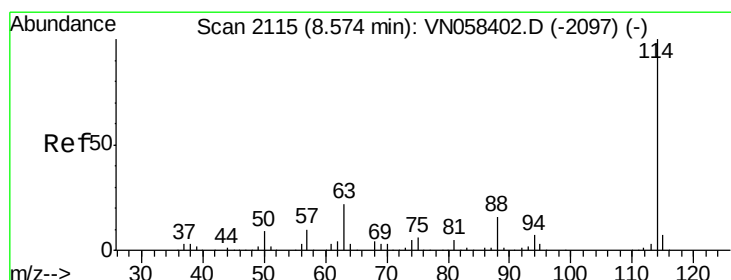
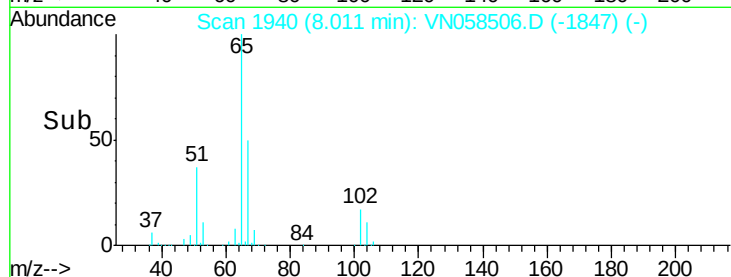
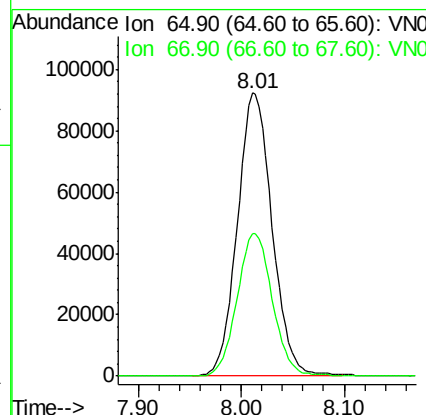
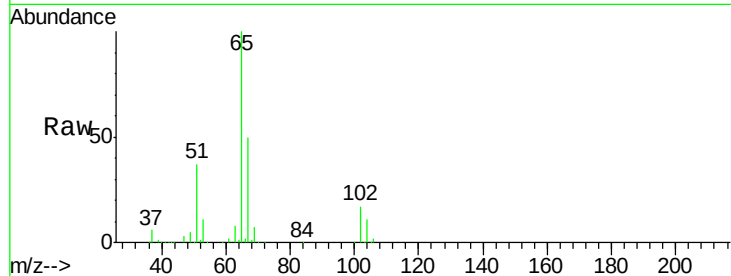




#33
 1,2-Dichloroethane-d4
 Concen: 49.255 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058506.D
 Acq: 3 Oct 2019 13:53

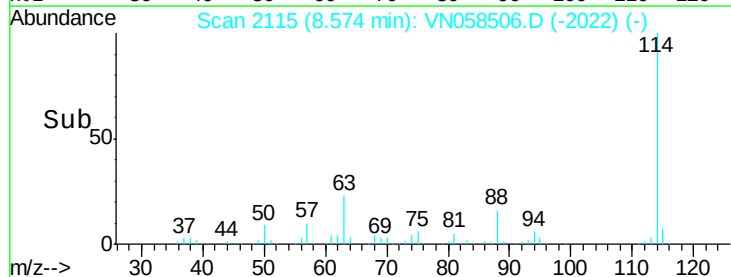
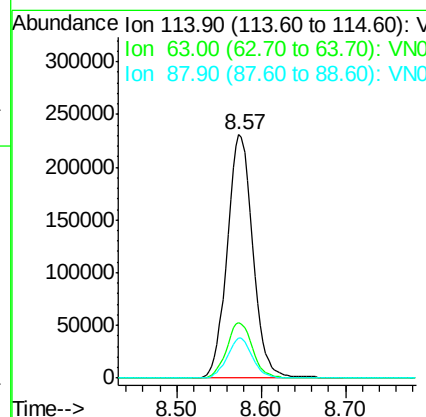
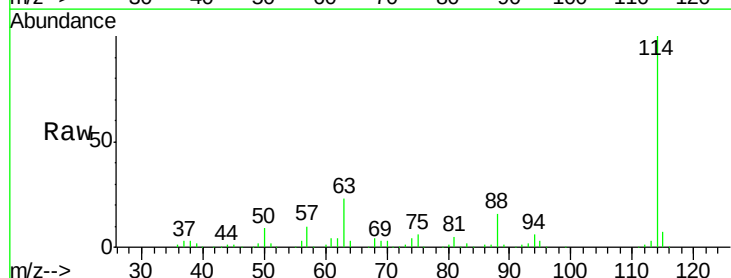
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-GROUNDWATER

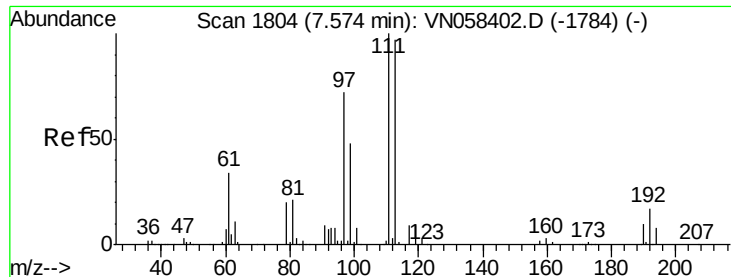
Tot Ion: 65 Resp: 216632
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058506.D
 Acq: 3 Oct 2019 13:53

Tgt Ion: 114 Resp: 487019
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.0
 88 16.4 0.0 32.2

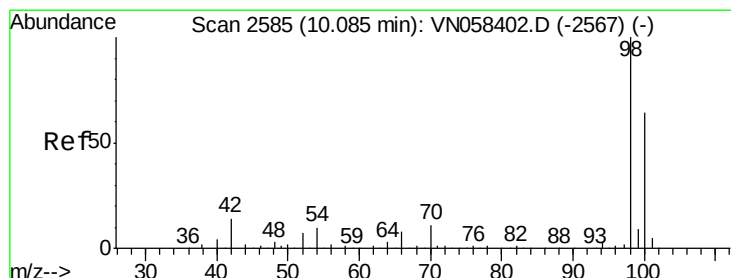
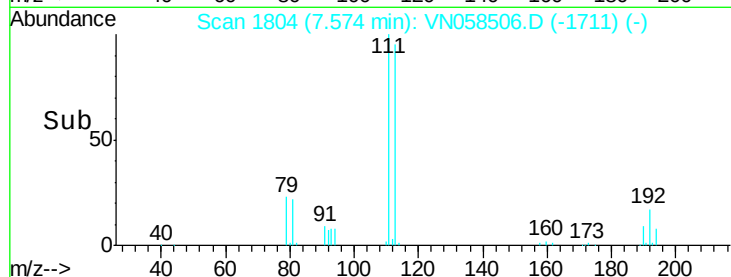
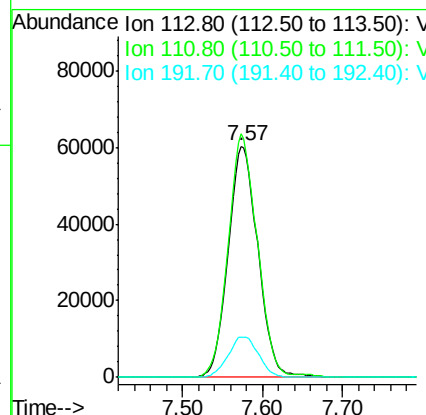
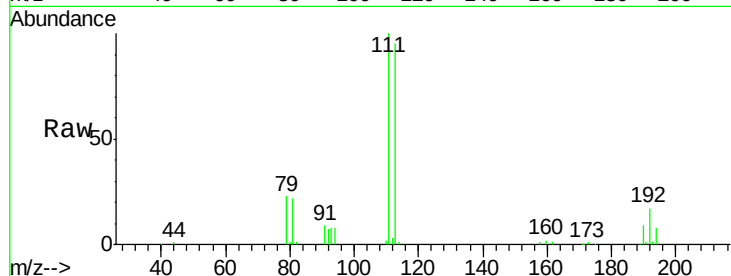




#35
 Dibromofluoromethane
 Concen: 51.337 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058506.D
 Acq: 3 Oct 2019 13:53

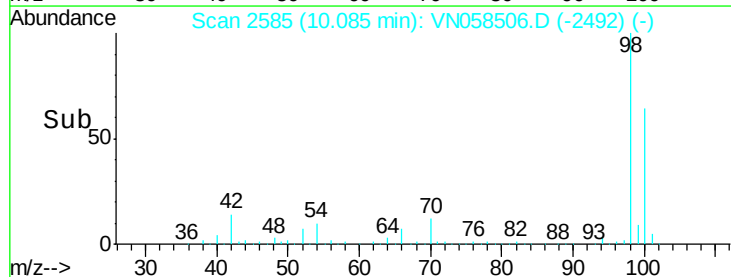
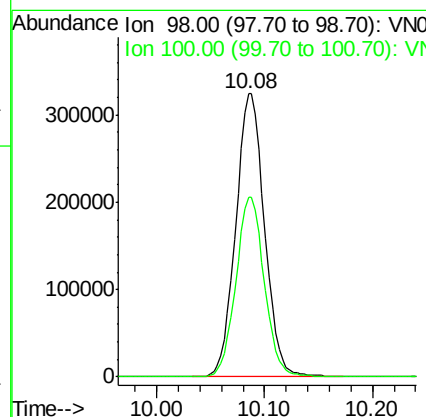
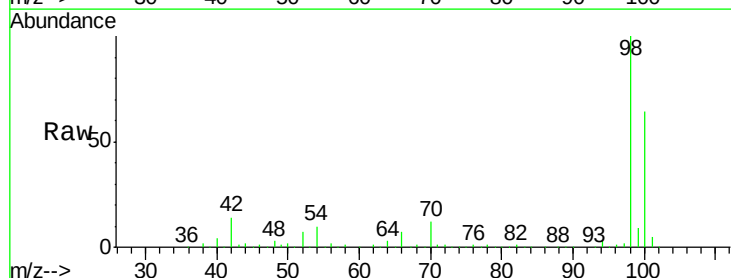
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-GROUNDWATER

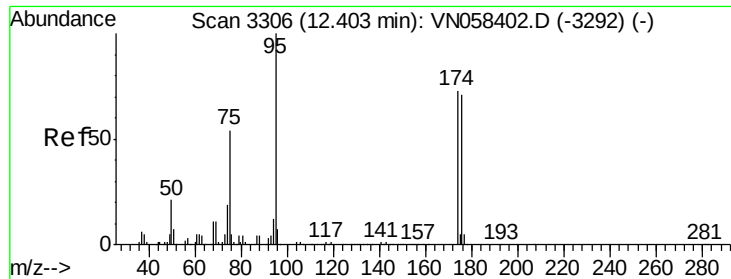
Tot Ion:113 Resp: 153235
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.4 125.2
 192 17.8 14.9 22.3



#50
 Toluene-d8
 Concen: 51.516 ug/l
 RT: 10.08 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: VN058506.D
 Acq: 3 Oct 2019 13:53

Tgt Ion: 98 Resp: 602378
 Ion Ratio Lower Upper
 98 100
 100 62.9 51.0 76.6





#62

4-Bromofluorobenzene

Concen: 41.505 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058506.D

Acq: 3 Oct 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

TP-1-GROUNDWATER

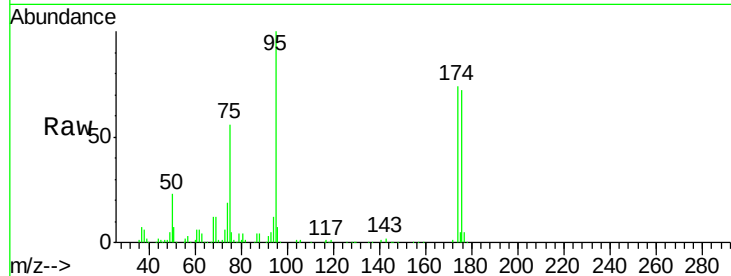
Tot Ion: 95 Resp: 175481

Ion Ratio Lower Upper

95 100

174 76.2 0.0 150.6

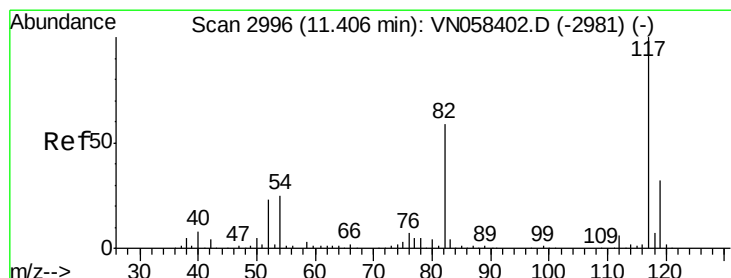
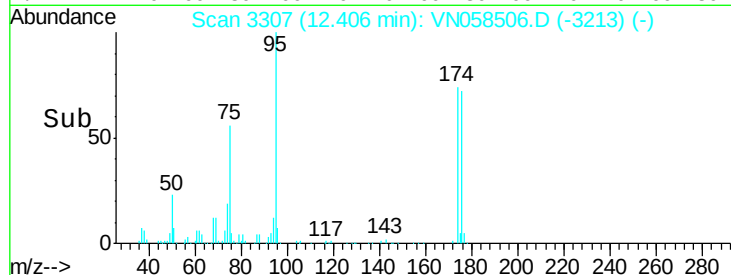
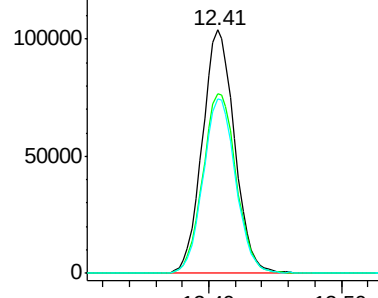
176 72.7 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058506.D

Acq: 3 Oct 2019 13:53

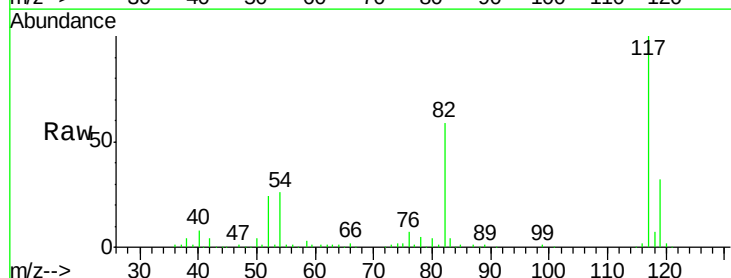
Tgt Ion: 117 Resp: 405980

Ion Ratio Lower Upper

117 100

82 59.3 47.4 71.0

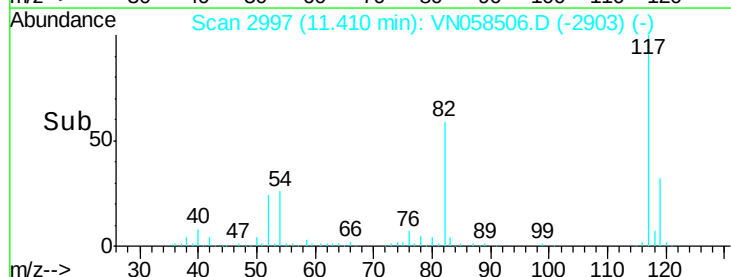
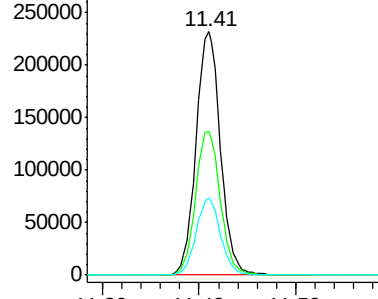
119 31.6 25.5 38.3

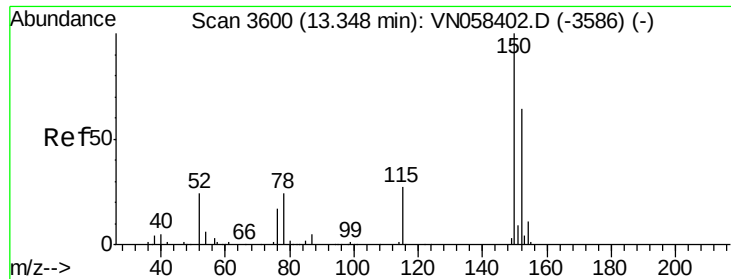


Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058402.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058402.D (-2981) (-)



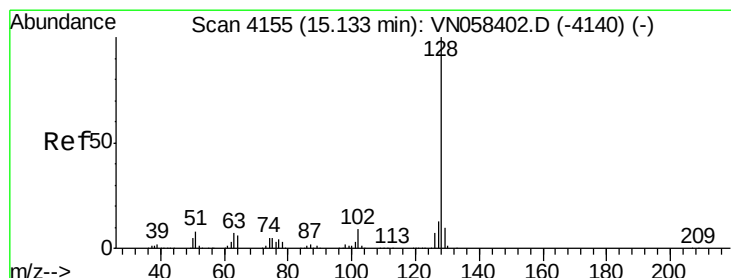
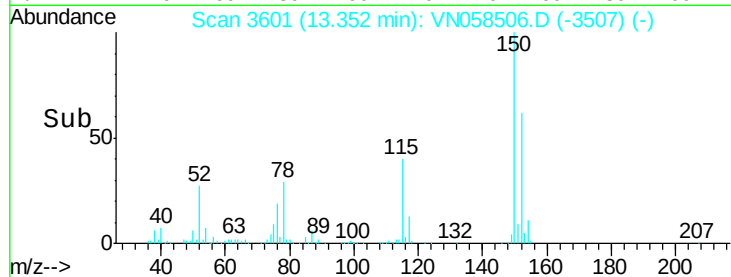
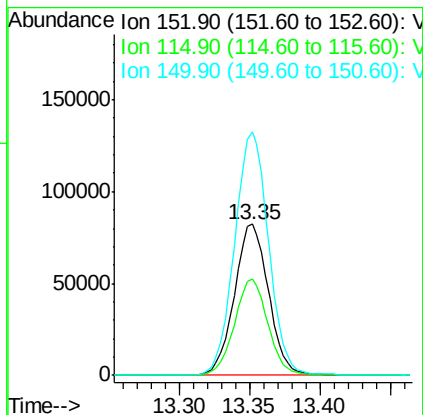
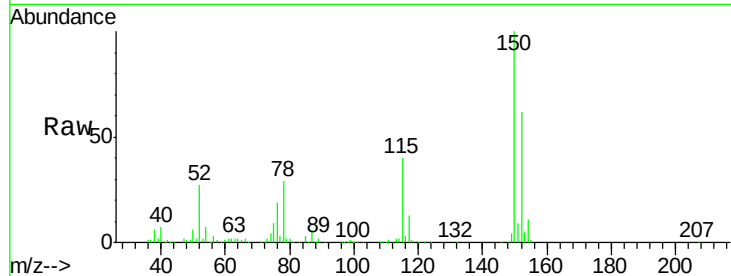


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058506.D
Acq: 3 Oct 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :
TP-1-GROUNDWATER

Tot Ion:152 Resp: 140060
Ion Ratio Lower Upper
152 100
115 62.0 30.0 90.0
150 159.7 0.0 348.2



#95

Naphthalene
Concen: 1.394 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN058506.D
Acq: 3 Oct 2019 13:53

Tgt Ion:128 Resp: 9731
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.3 12.5

