

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090719\
 Data File : VN057770.D
 Acq On : 7 Sep 2019 21:21
 Operator : JC/SP
 Sample : K4601-25
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-E4-(0)

Quant Time: Sep 08 07:23:09 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

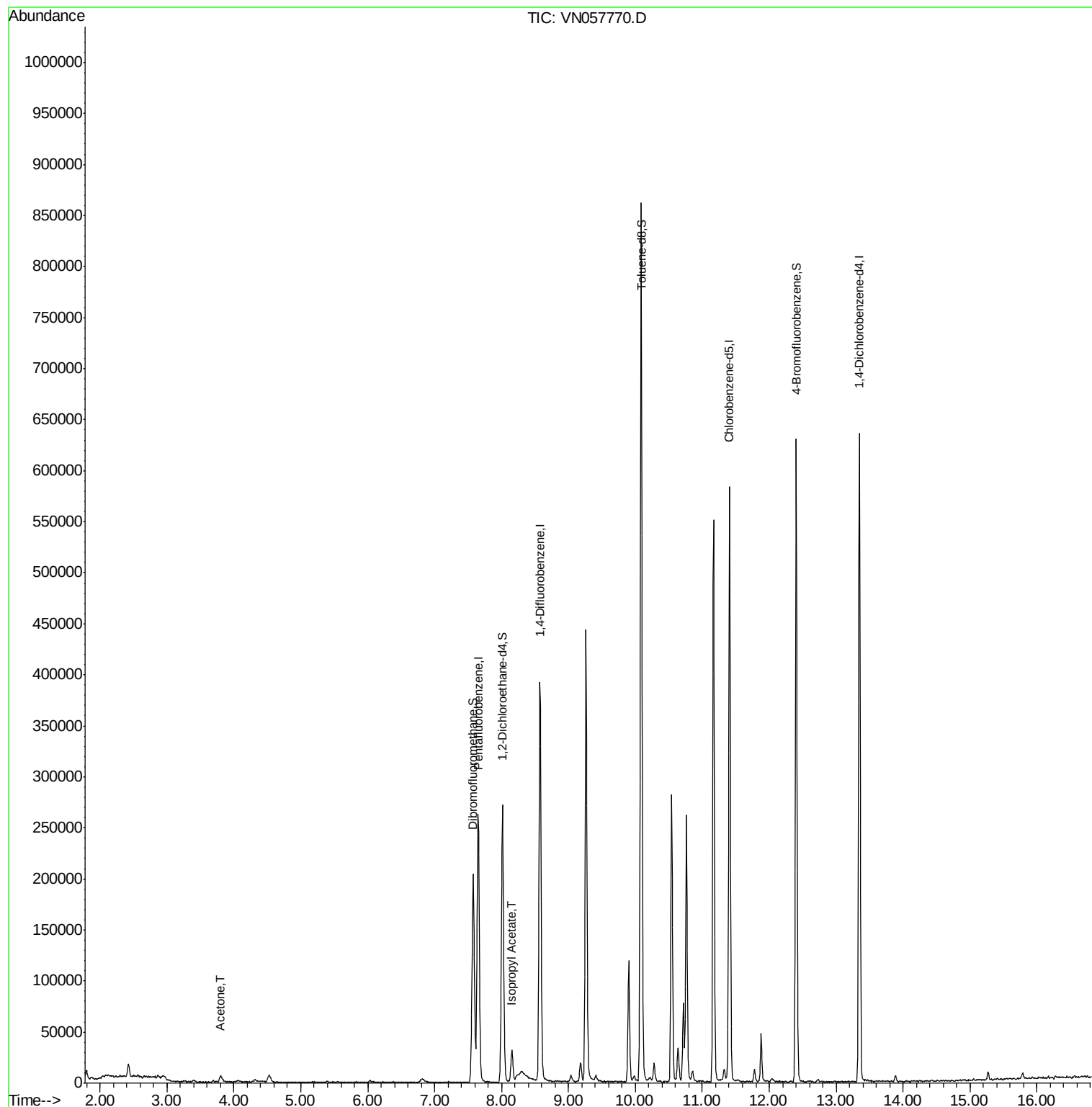
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	191110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	312615	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	286155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	147724	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	233607	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
35) Dibromofluoromethane	7.58	113	141810	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
50) Toluene-d8	10.08	98	540050	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.40	95	197147	45.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.12%	
Target Compounds						
16) Acetone	3.80	43	11002	7.690	ug/l	99
43) Isopropyl Acetate	8.16	43	36906	4.657	ug/l	99

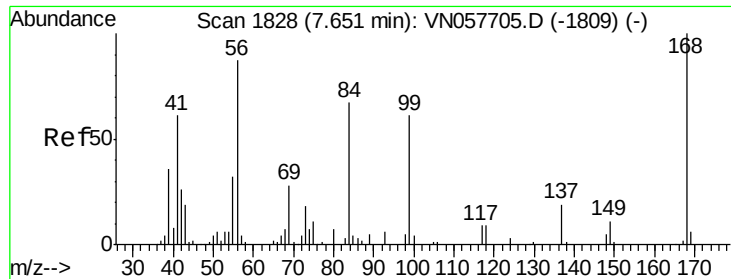
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057770.D

Acq: 7 Sep 2019 21:21

Instrument :

MSVOA_N

ClientSampleId :

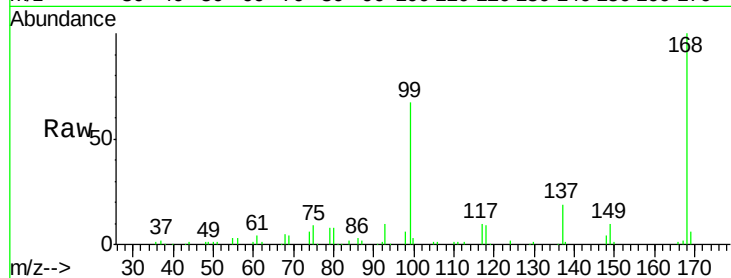
T12-E4-(0)

Tot Ion:168 Resp: 191110

Ion Ratio Lower Upper

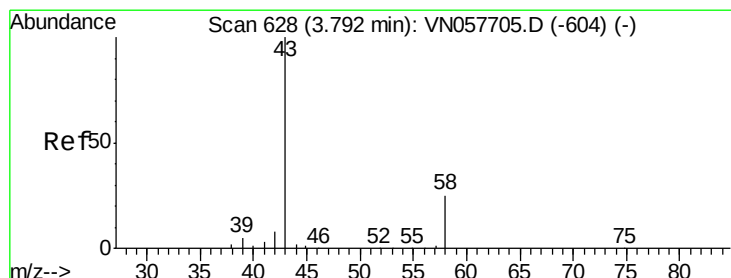
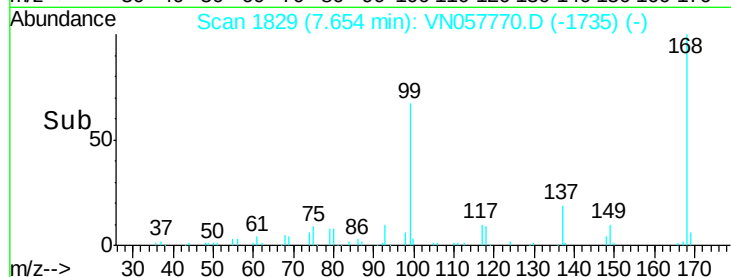
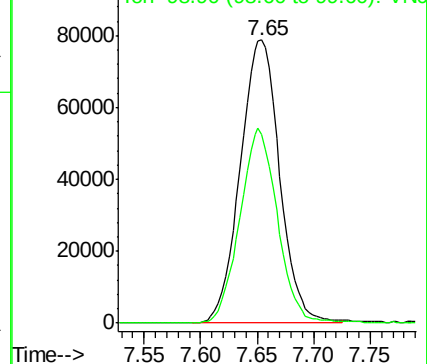
168 100

99 66.6 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: 7.690 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN057770.D

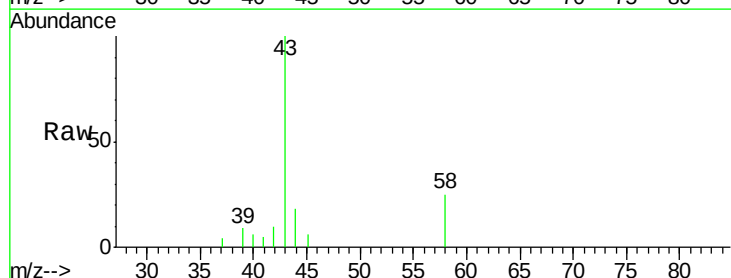
Acq: 7 Sep 2019 21:21

Tgt Ion: 43 Resp: 11002

Ion Ratio Lower Upper

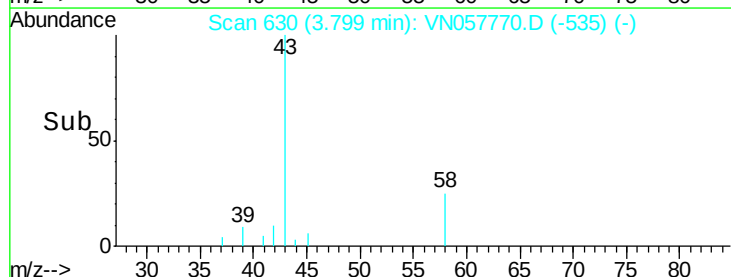
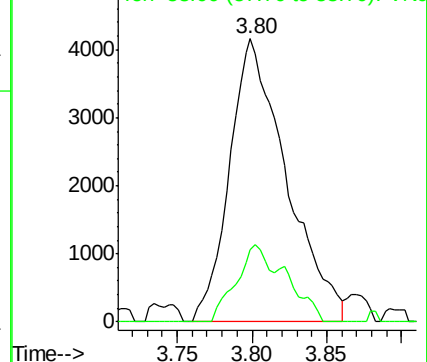
43 100

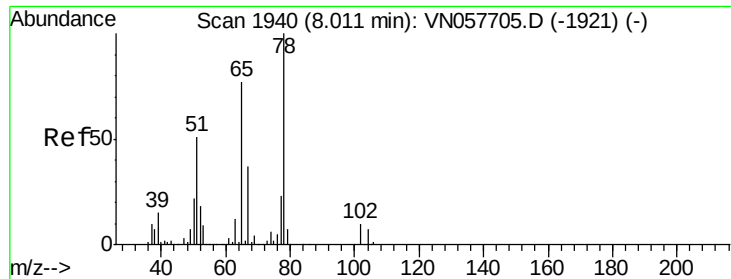
58 25.3 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

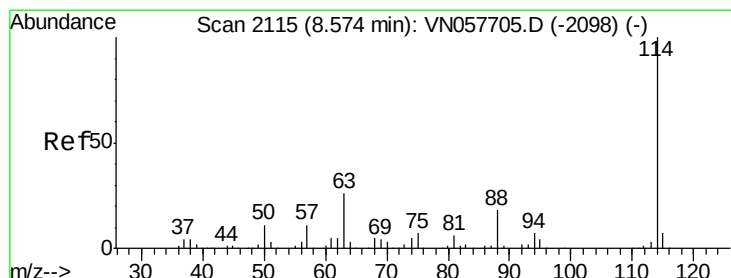
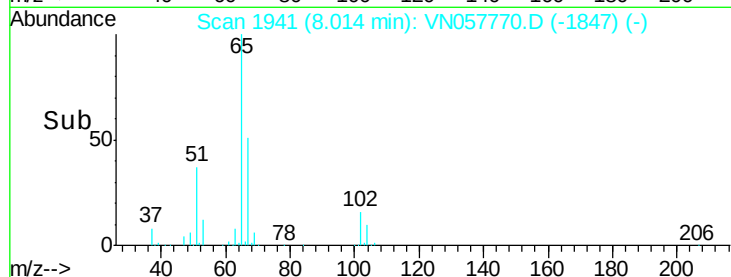
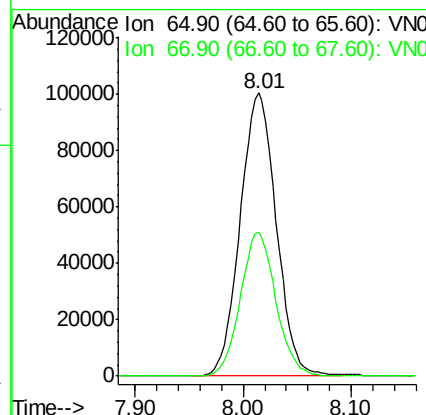
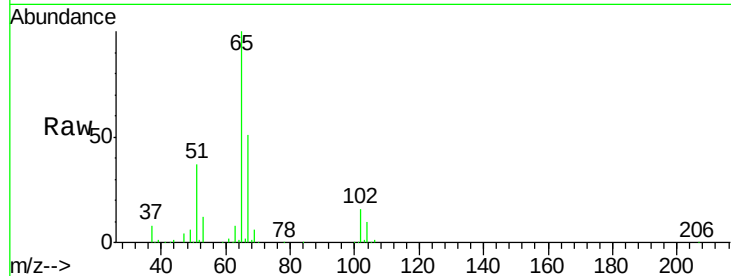




#33
 1,2-Dichloroethane-d4
 Concen: 50.248 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057770.D
 Acq: 7 Sep 2019 21:21

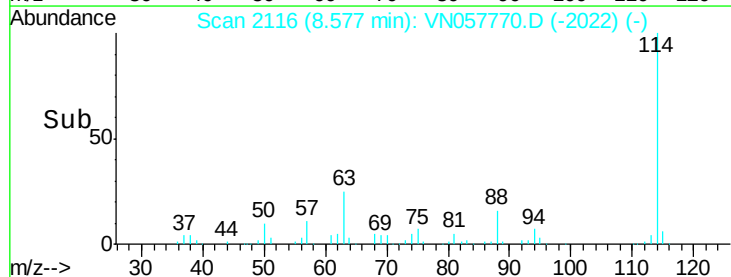
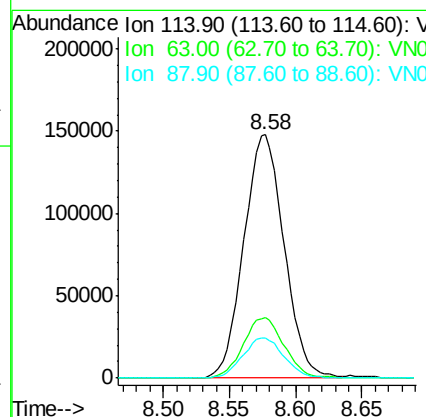
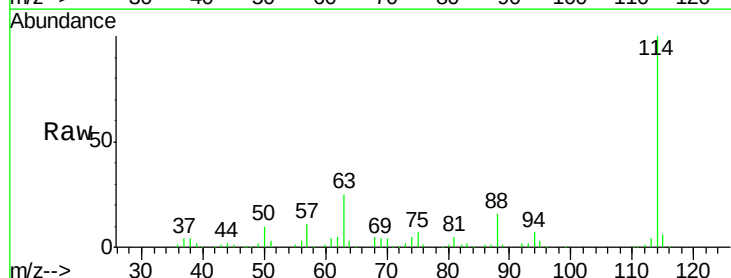
Instrument :
 MSVOA_N
 ClientSampleId :
 T12-E4-(0)

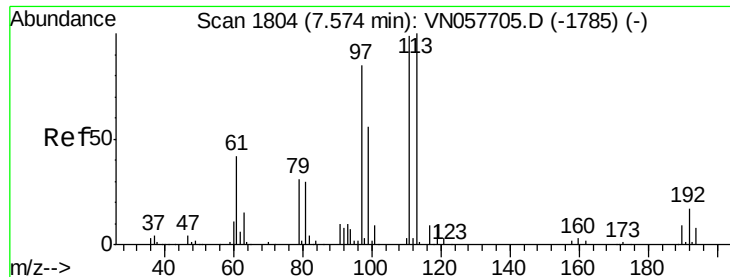
Tot Ion: 65 Resp: 233607
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057770.D
 Acq: 7 Sep 2019 21:21

Tgt Ion: 114 Resp: 312615
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 52.4
 88 16.3 0.0 35.4





#35

Dibromofluoromethane

Concen: 49.802 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057770.D

Acq: 7 Sep 2019 21:21

Instrument :

MSVOA_N

ClientSampleId :

T12-E4-(0)

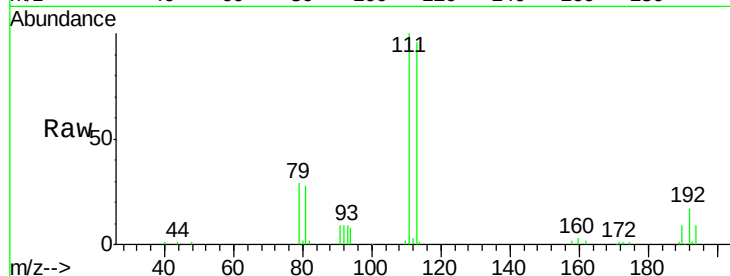
Tot Ion:113 Resp: 141810

Ion Ratio Lower Upper

113 100

111 105.7 82.7 124.1

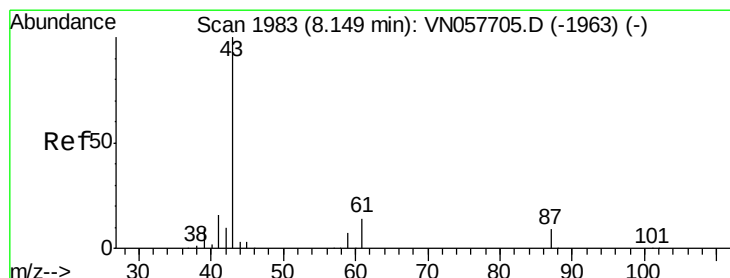
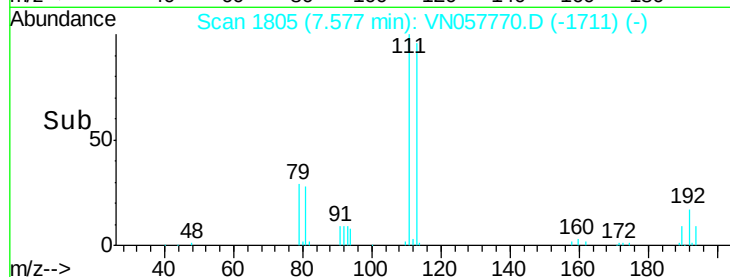
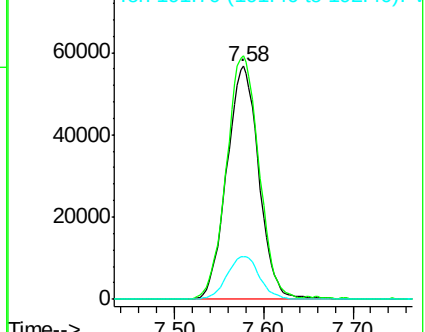
192 18.6 13.8 20.6



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



#43

Isopropyl Acetate

Concen: 4.657 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN057770.D

Acq: 7 Sep 2019 21:21

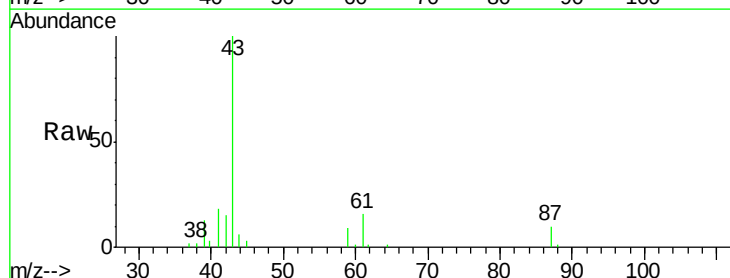
Tgt Ion: 43 Resp: 36906

Ion Ratio Lower Upper

43 100

61 16.6 12.8 19.2

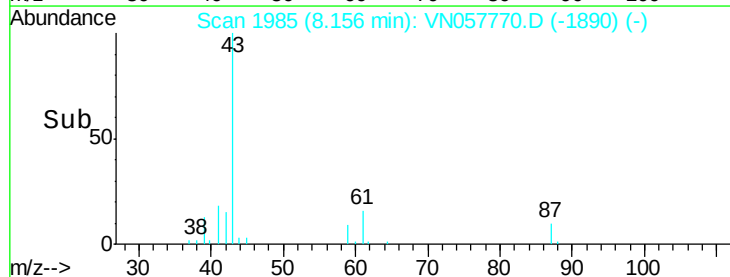
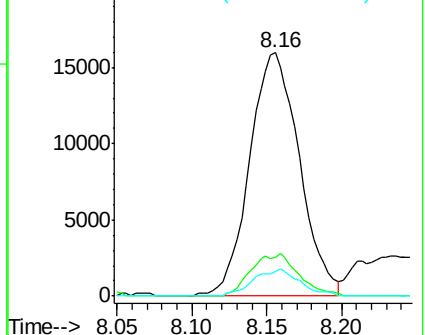
87 10.4 7.8 11.8

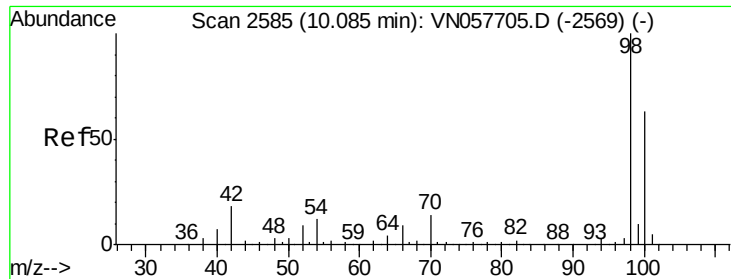


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

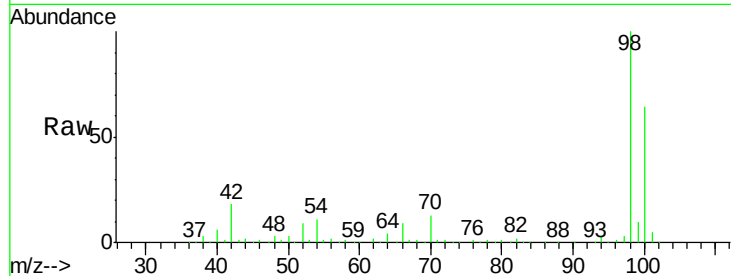




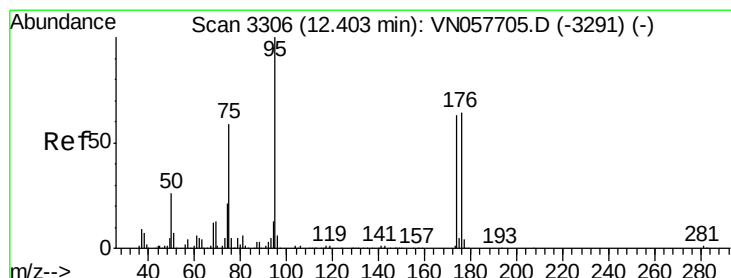
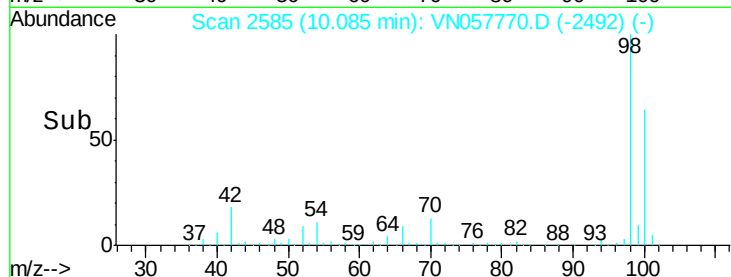
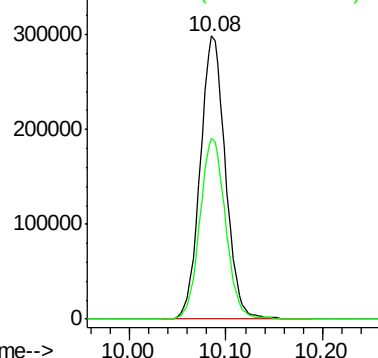
#50
Toluene-d8
Concen: 51.270 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057770.D
Acq: 7 Sep 2019 21:21

Instrument :
MSVOA_N
ClientSampleId :
T12-E4-(0)

Tot Ion: 98 Resp: 540050
Ion Ratio Lower Upper
98 100
100 64.8 50.7 76.1

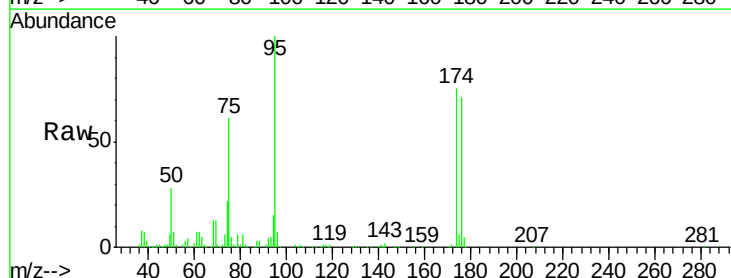


Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN

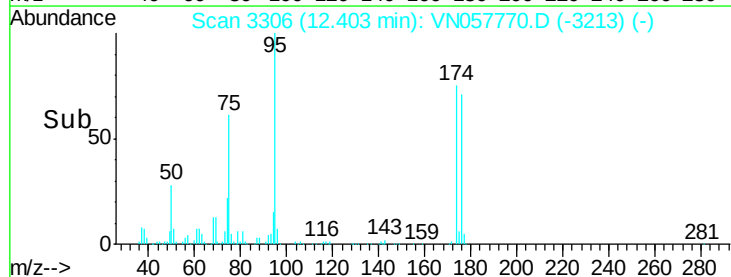
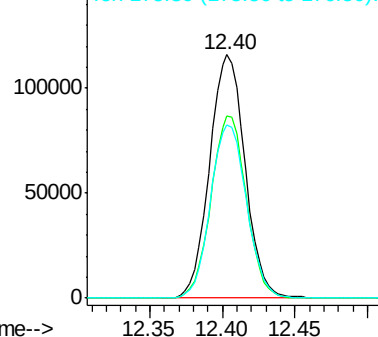


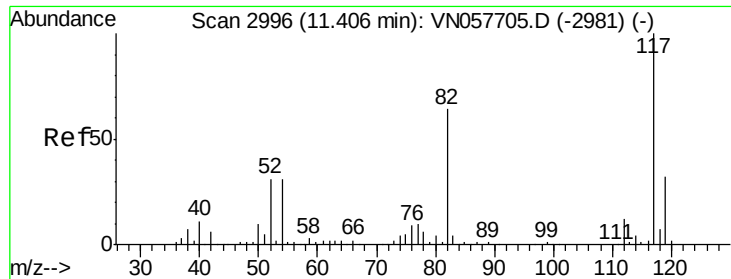
#62
4-Bromofluorobenzene
Concen: 45.061 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057770.D
Acq: 7 Sep 2019 21:21

Tgt Ion: 95 Resp: 197147
Ion Ratio Lower Upper
95 100
174 74.2 0.0 128.0
176 72.4 0.0 128.0



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

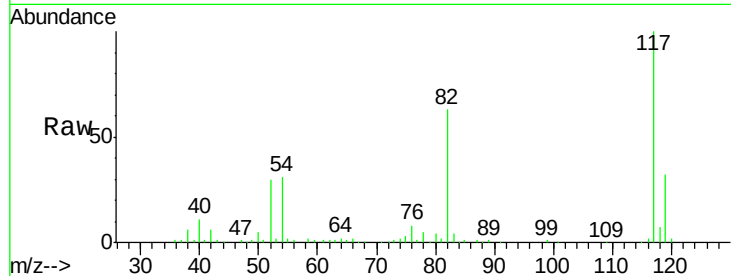




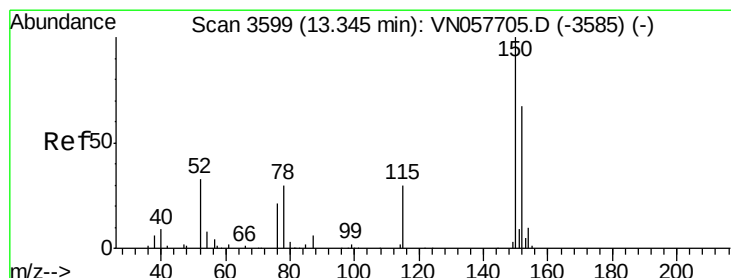
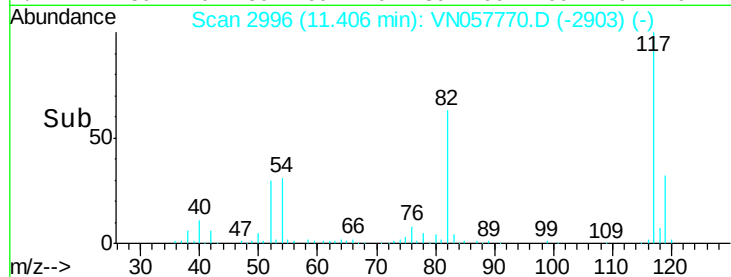
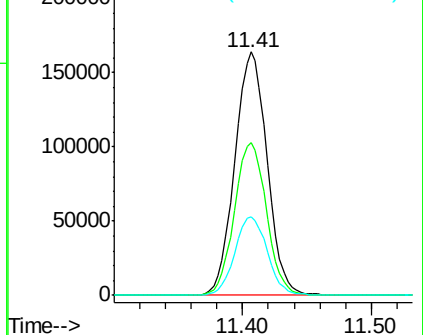
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057770.D
Acq: 7 Sep 2019 21:21

Instrument :
MSVOA_N
ClientSampleId :
T12-E4-(0)

Tot Ion:117 Resp: 286155
Ion Ratio Lower Upper
117 100
82 62.6 51.4 77.0
119 32.2 25.4 38.2

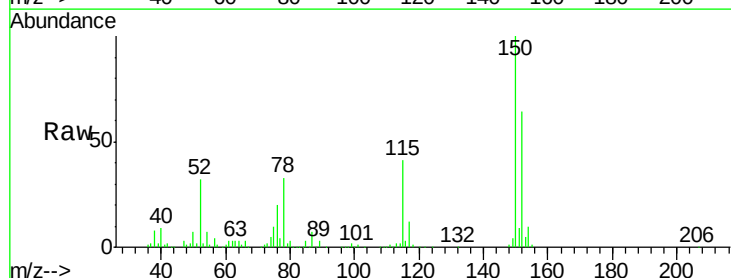


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057770.D
Acq: 7 Sep 2019 21:21

Tgt Ion:152 Resp: 147724
Ion Ratio Lower Upper
152 100
115 64.8 33.8 101.3
150 156.2 0.0 345.4



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

