

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091319\
 Data File : VN057963.D
 Acq On : 12 Sep 2019 12:20
 Operator : JC/SP
 Sample : K4644-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-D1-(4)

Quant Time: Sep 13 05:15:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

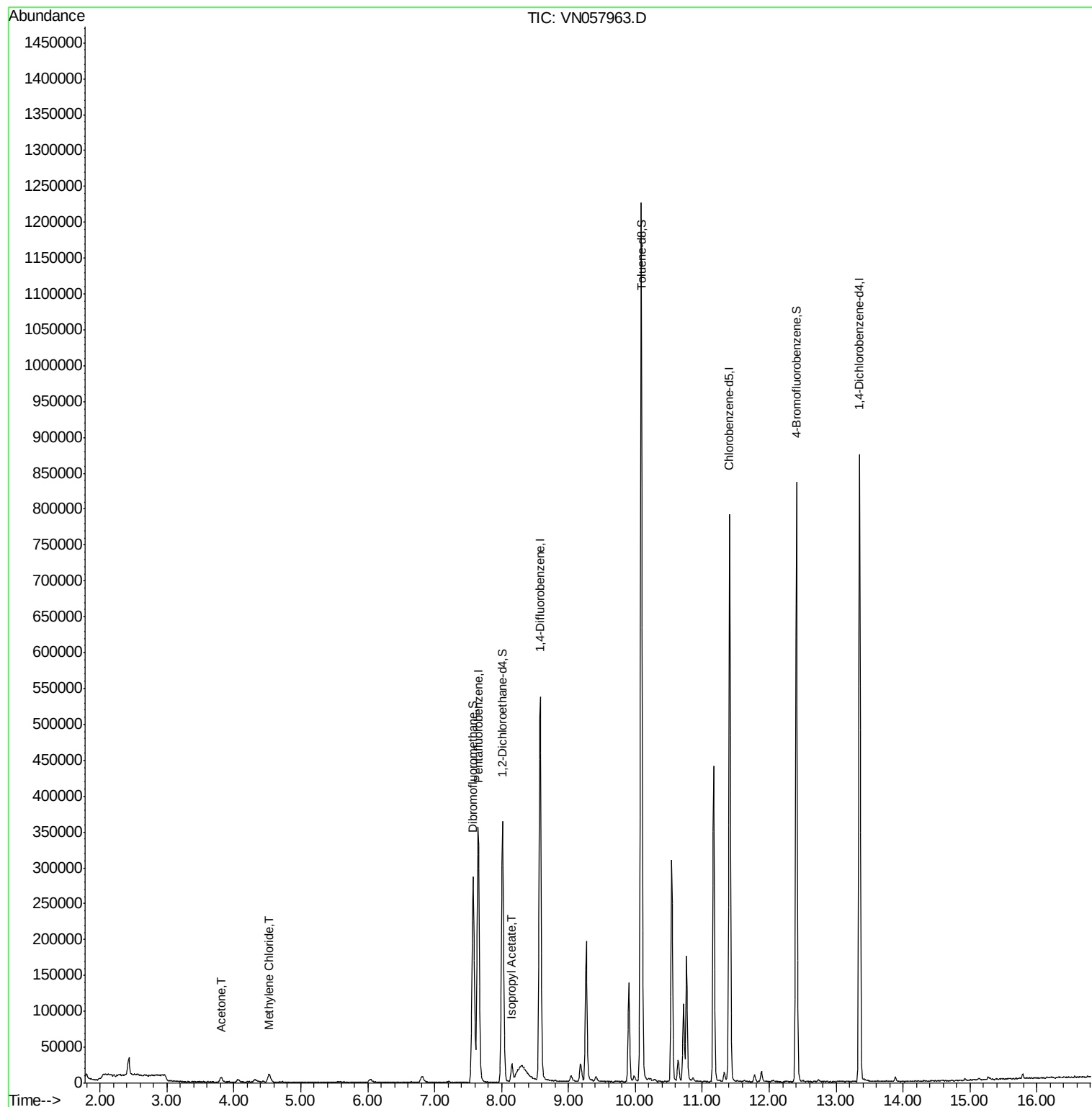
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	272206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	461395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	423900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	221409	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	312475	56.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.36%	
35) Dibromofluoromethane	7.57	113	217426	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
50) Toluene-d8	10.09	98	834285	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.41	95	277645	44.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.12%	
Target Compounds						
16) Acetone	3.81	43	12488	6.910	ug/l #	89
20) Methylene Chloride	4.53	84	8018	1.127	ug/l	89
43) Isopropyl Acetate	8.16	43	29744	3.199	ug/l #	87

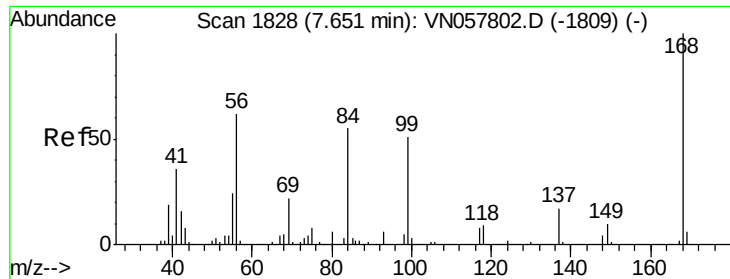
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 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: VN057963.D

Acq: 12 Sep 2019 12:20

Instrument :

MSVOA_N

ClientSampleId :

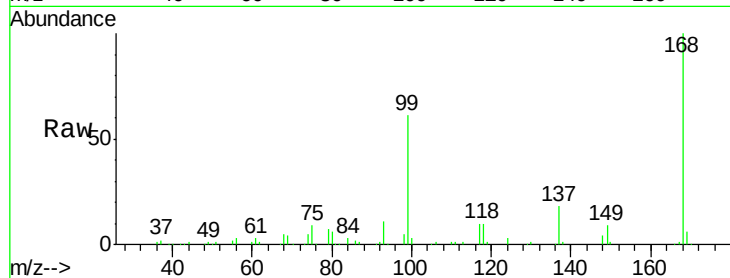
T11-D1-(4)

Tot Ion:168 Resp: 272206

Ion Ratio Lower Upper

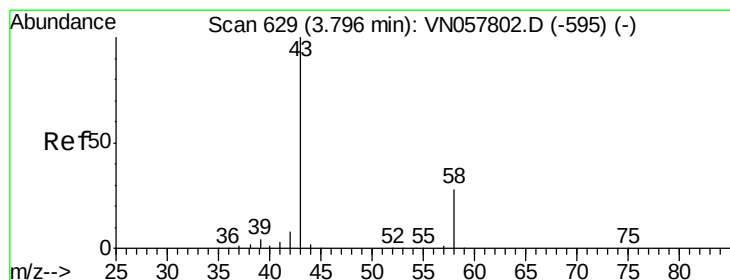
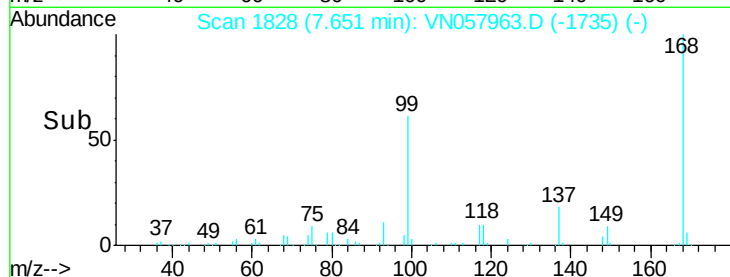
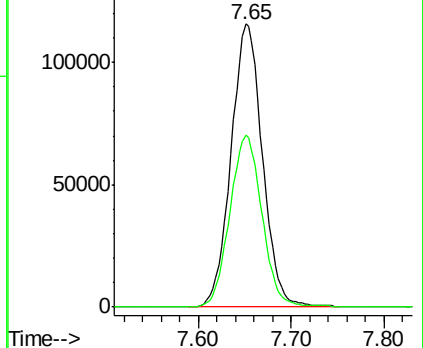
168 100

99 60.6 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 6.910 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.02 min

Lab File: VN057963.D

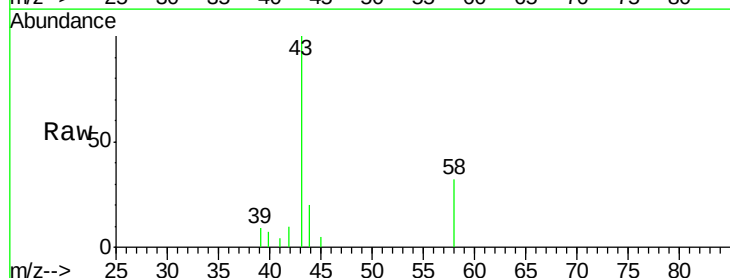
Acq: 12 Sep 2019 12:20

Tgt Ion: 43 Resp: 12488

Ion Ratio Lower Upper

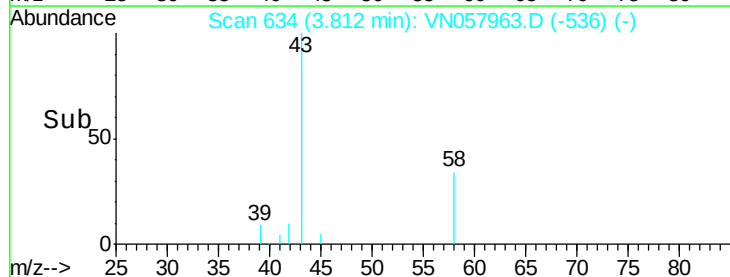
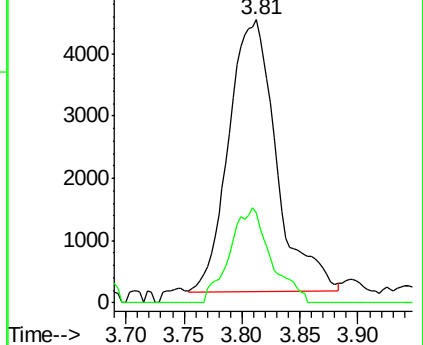
43 100

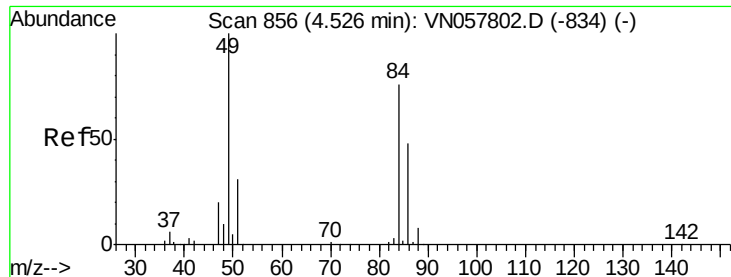
58 33.4 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

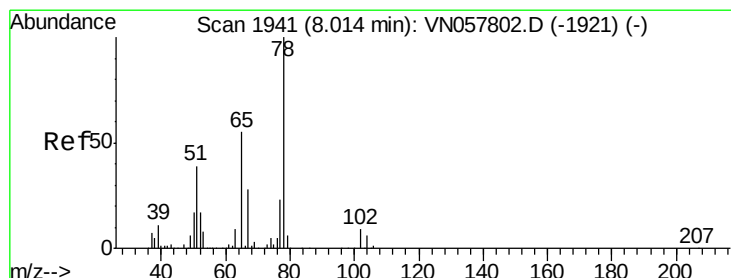
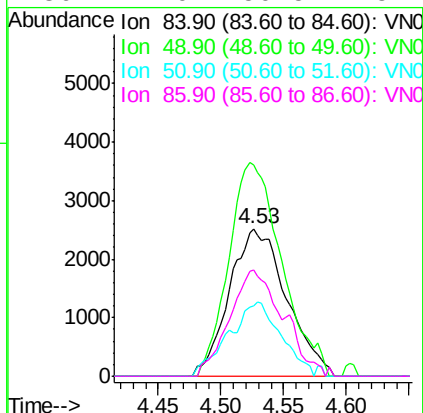
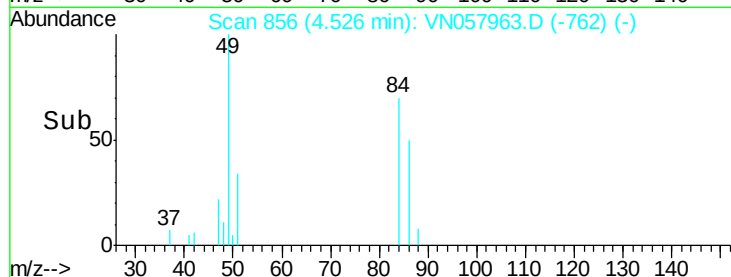
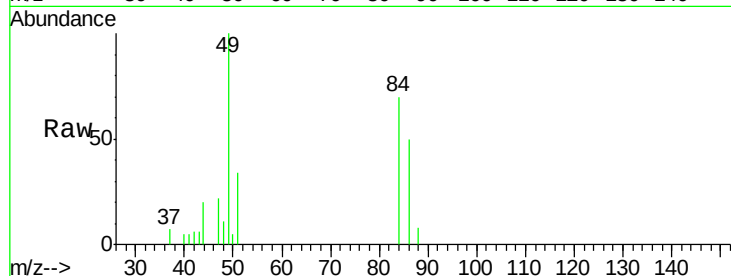




#20
Methvlene Chloride
Concen: 1.127 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN057963.D
Acq: 12 Sep 2019 12:20

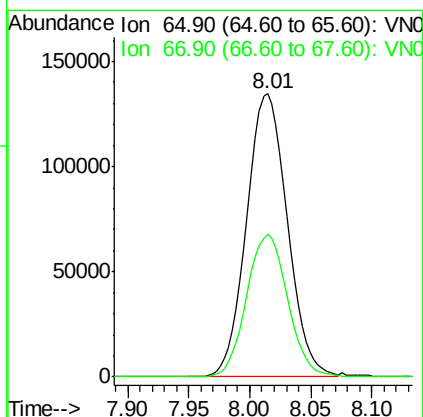
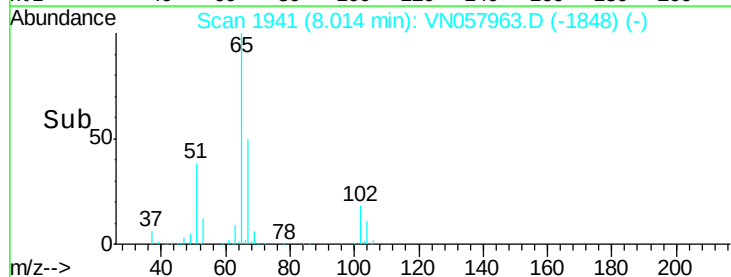
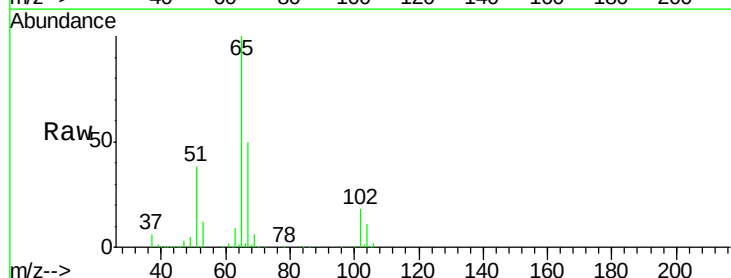
Instrument :
MSVOA_N
ClientSampled :
T11-D1-(4)

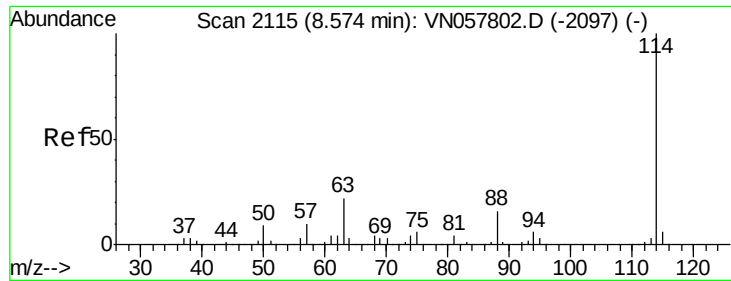
Tot Ion:	84	Resp:	8018
Ion	Ratio	Lower	Upper
84	100		
49	143.1	104.8	157.2
51	48.1	33.0	49.4
86	72.0	50.5	75.7



#33
1,2-Dichloroethane-d4
Concen: 56.676 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057963.D
Acq: 12 Sep 2019 12:20

Tgt Ion:	65	Resp:	312475
Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	104.0

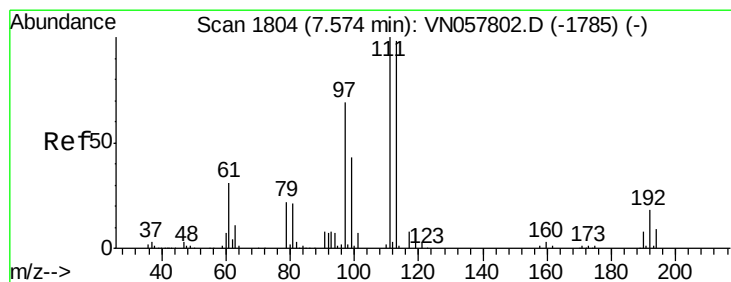
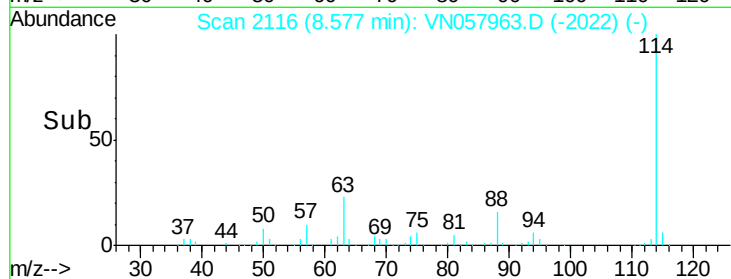
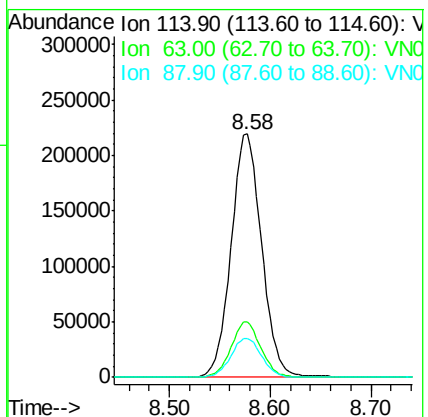
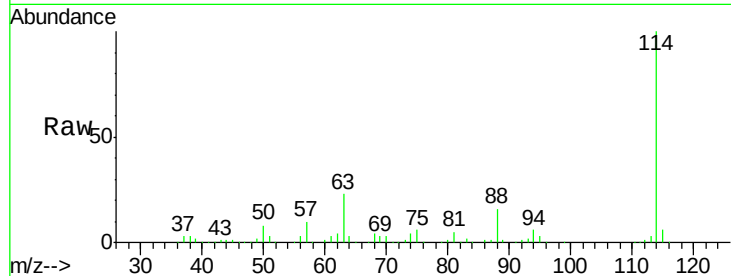




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057963.D
 Acq: 12 Sep 2019 12:20

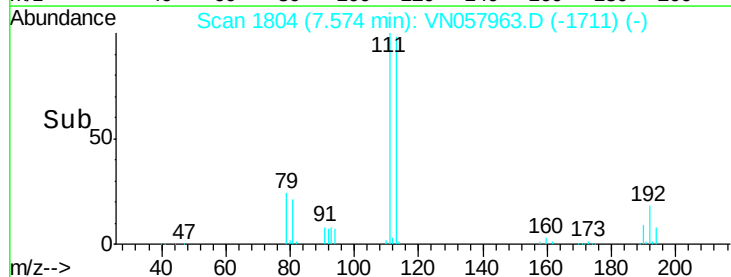
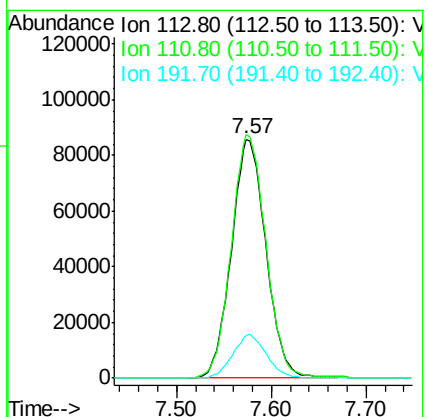
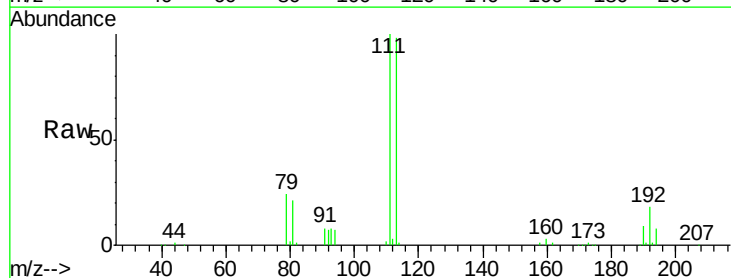
Instrument :
 MSVOA_N
 ClientSampleId :
 T11-D1-(4)

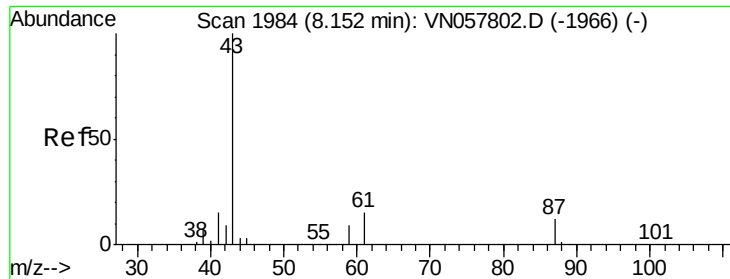
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	44.0
88	15.8	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 51.057 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057963.D
 Acq: 12 Sep 2019 12:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.3	121.9
192	17.7	14.6	22.0





#43

Isopropyl Acetate

Concen: 3.199 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057963.D

Acq: 12 Sep 2019 12:20

Instrument :

MSVOA_N

ClientSampleId :

T11-D1-(4)

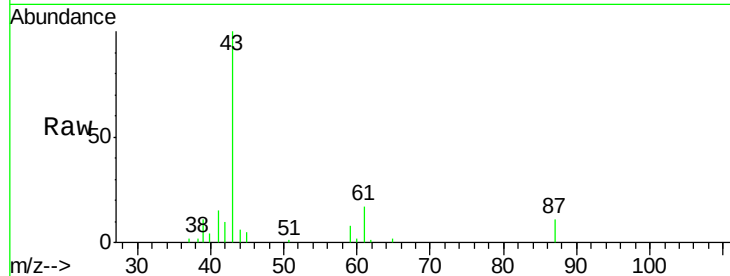
Tot Ion: 43 Resp: 29744

Ion Ratio Lower Upper

43 100

61 18.5 20.1 30.1#

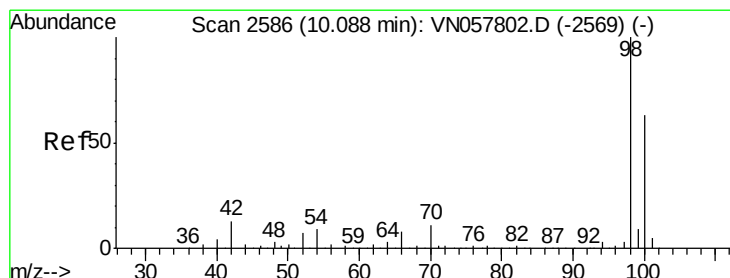
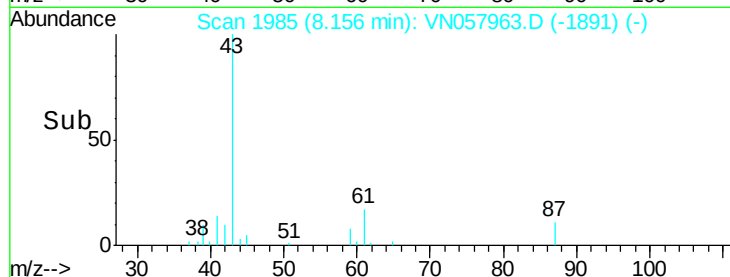
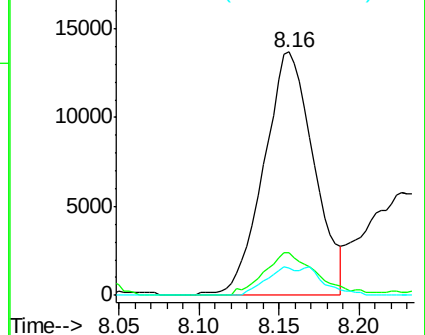
87 7.4 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 50.459 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057963.D

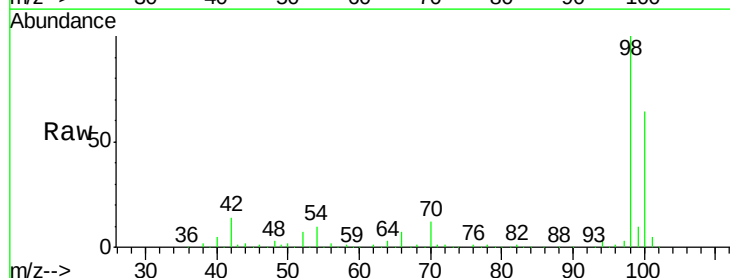
Acq: 12 Sep 2019 12:20

Tgt Ion: 98 Resp: 834285

Ion Ratio Lower Upper

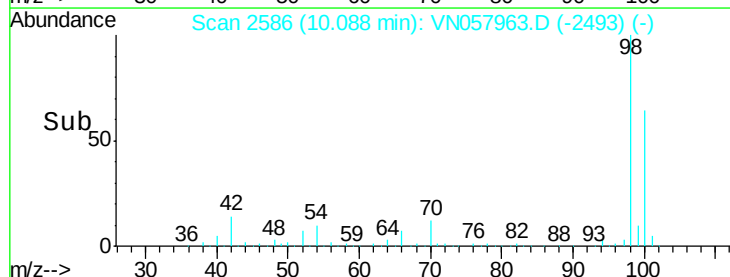
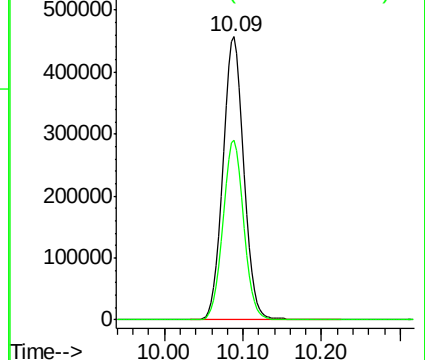
98 100

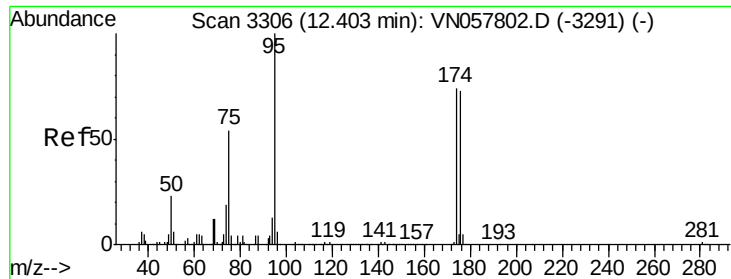
100 63.1 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

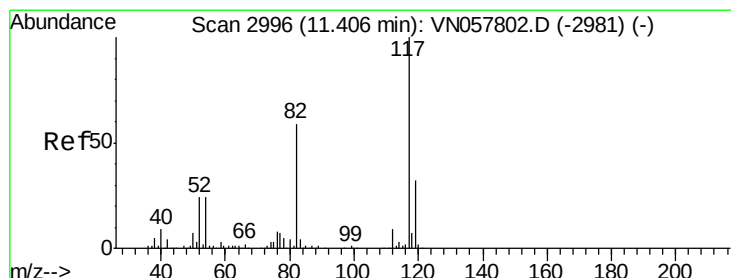
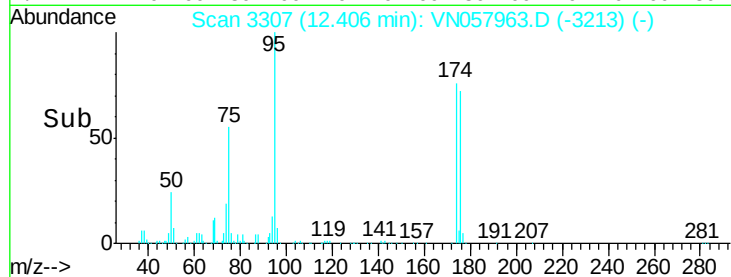
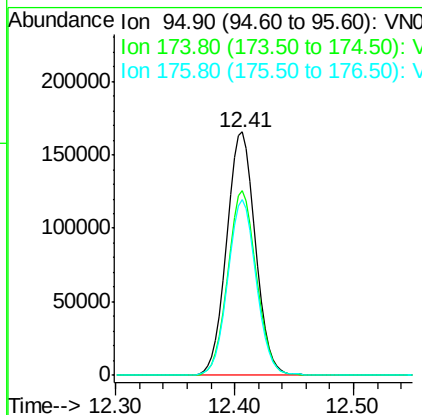
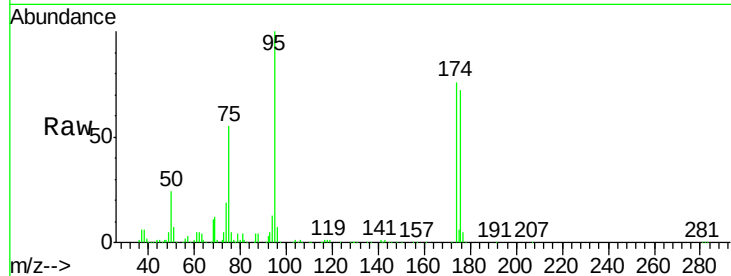




#62
4-Bromofluorobenzene
Concen: 44.065 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN057963.D
Acq: 12 Sep 2019 12:20

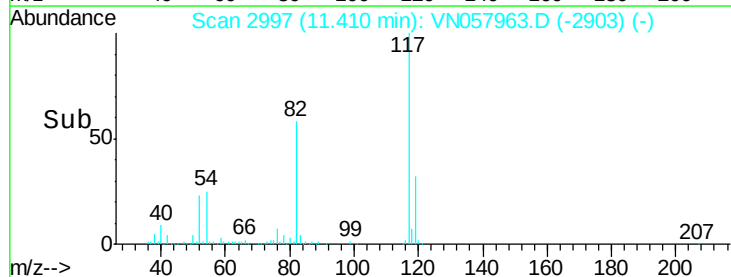
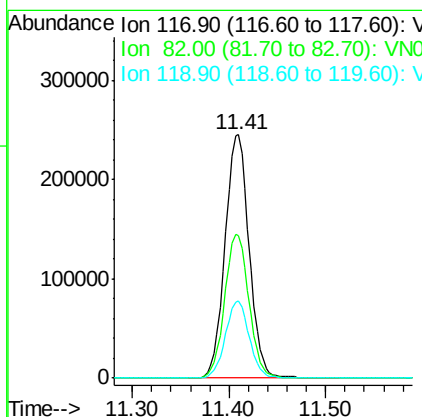
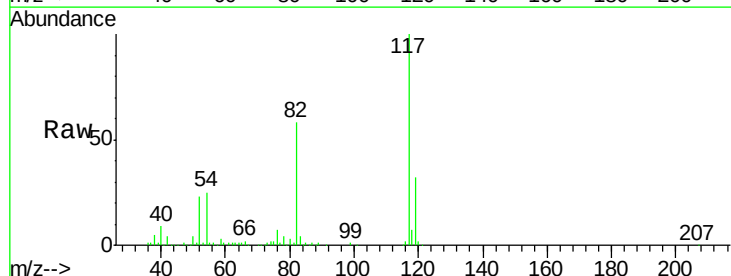
Instrument :
MSVOA_N
ClientSampleId :
T11-D1-(4)

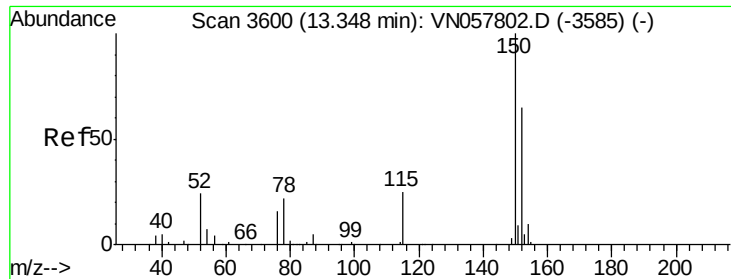
Tot Ion: 95 Resp: 277645
Ion Ratio Lower Upper
95 100
174 75.7 0.0 150.2
176 71.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN057963.D
Acq: 12 Sep 2019 12:20

Tgt Ion: 117 Resp: 423900
Ion Ratio Lower Upper
117 100
82 58.3 47.2 70.8
119 31.7 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: VN057963.D

Acq: 12 Sep 2019 12:20

Instrument :

MSVOA_N

ClientSampleId :

T11-D1-(4)

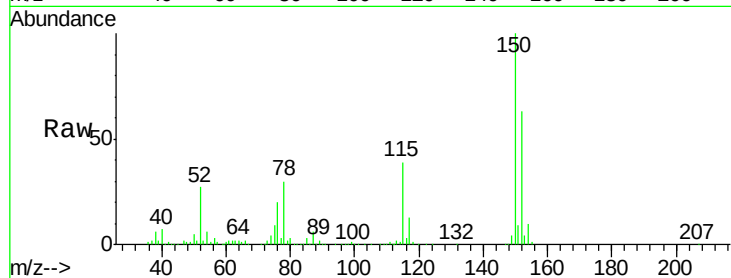
Tot Ion:152 Resp: 221409

Ion Ratio Lower Upper

152 100

115 60.5 30.3 91.0

150 155.6 0.0 352.4



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

