

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102519\
 Data File : VN058968.D
 Acq On : 24 Oct 2019 17:46
 Operator : JC/SP
 Sample : K5148-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-102319

Quant Time: Oct 25 03:08:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

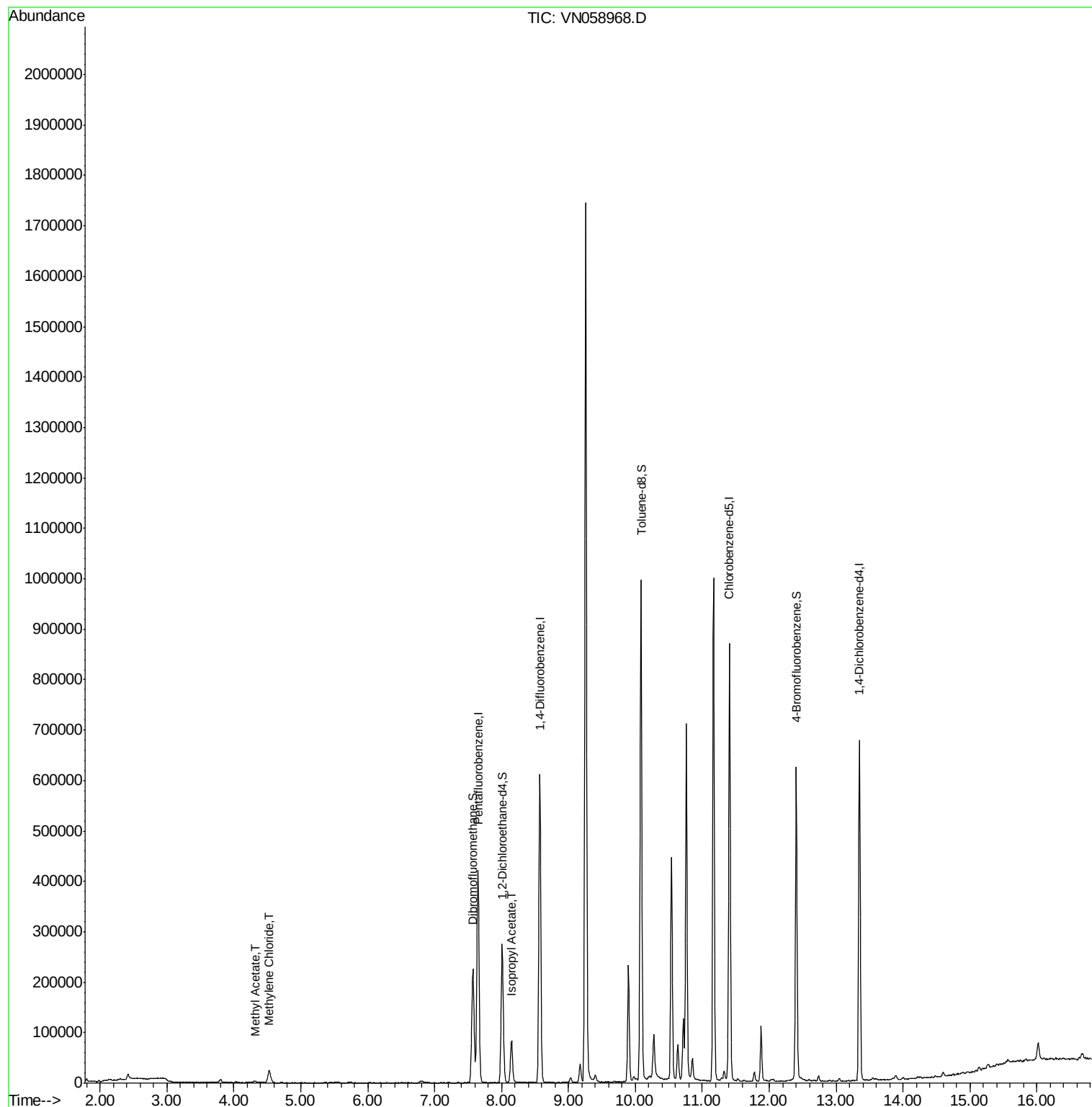
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	324654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	515802	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	482926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	176543	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	239527	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
35) Dibromofluoromethane	7.57	113	172772	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
50) Toluene-d8	10.08	98	672992	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.40	95	211200	43.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.38%	
Target Compounds						
18) Methyl Acetate	4.31	43	5887	1.101	ug/l #	88
20) Methylene Chloride	4.53	84	17485	4.352	ug/l	95
43) Isopropyl Acetate	8.15	43	98615	10.686	ug/l #	91

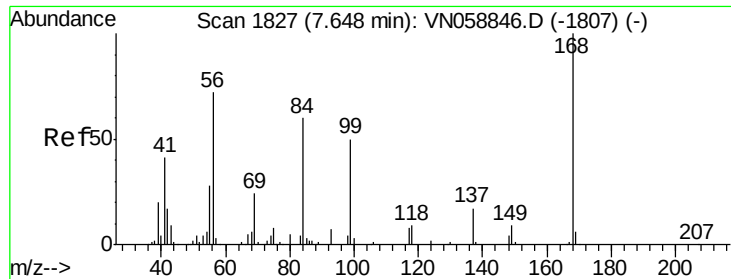
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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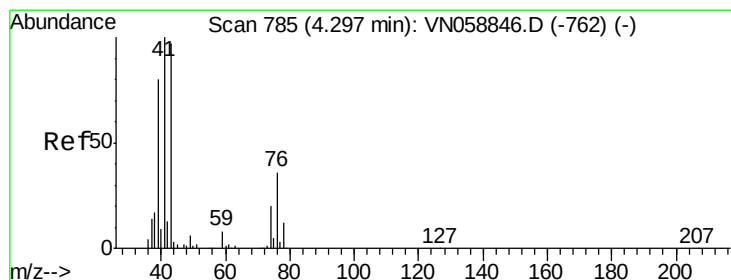
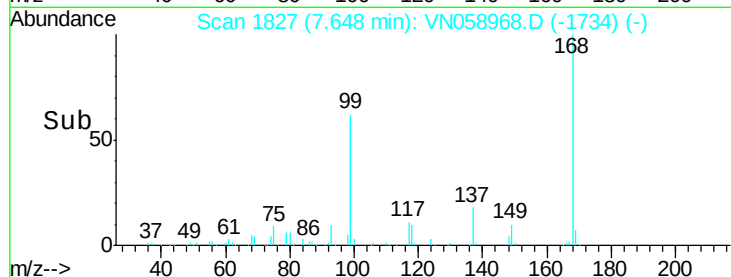
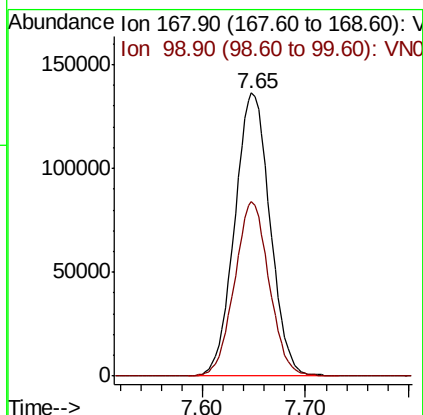
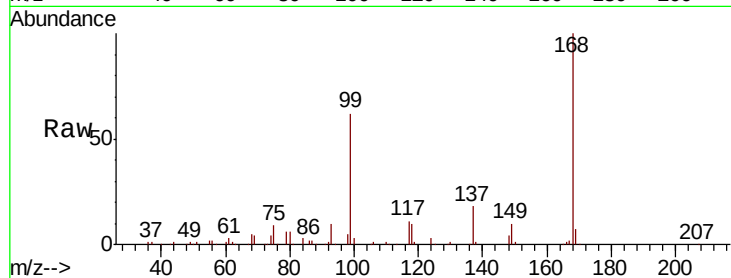




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN058968.D
Acq: 24 Oct 2019 17:46

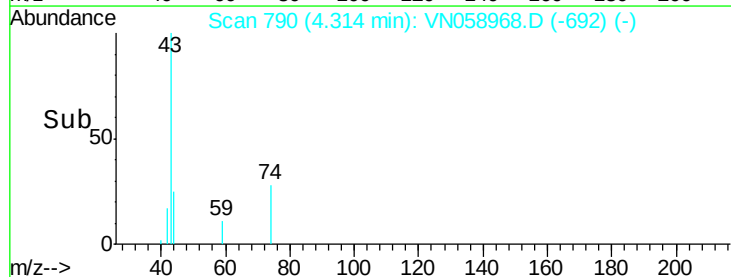
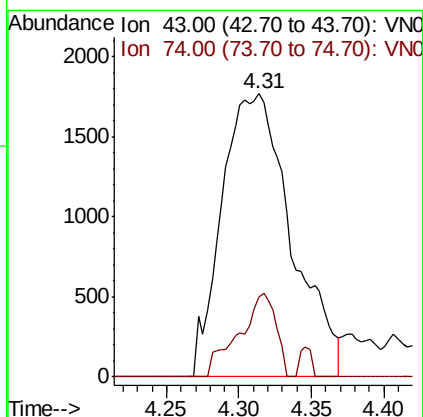
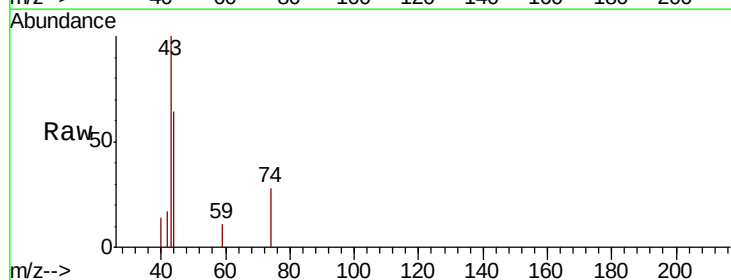
Instrument :
MSVOA_N
ClientSampleId :
OR-02-102319

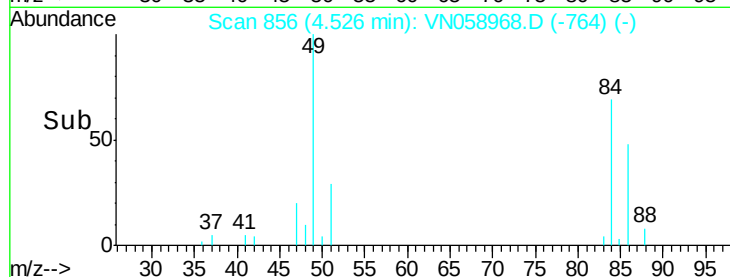
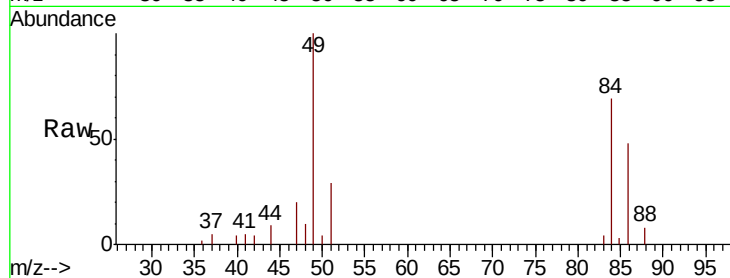
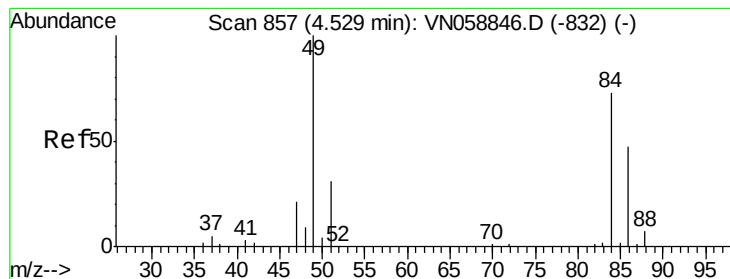
Tot Ion:168 Resp: 324654
Ion Ratio Lower Upper
168 100
99 61.8 48.1 72.1



#18
Methyl Acetate
Concen: 1.101 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.02 min
Lab File: VN058968.D
Acq: 24 Oct 2019 17:46

Tgt Ion: 43 Resp: 5887
Ion Ratio Lower Upper
43 100
74 15.8 17.1 25.7#





#20

Methylene Chloride

Concen: 4.352 ug/l

RT: 4.53 min Scan# 856

Delta R.T. -0.00 min

Lab File: VN058968.D

Acq: 24 Oct 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

OR-02-102319

Tot Ion: 84 Resp: 17485

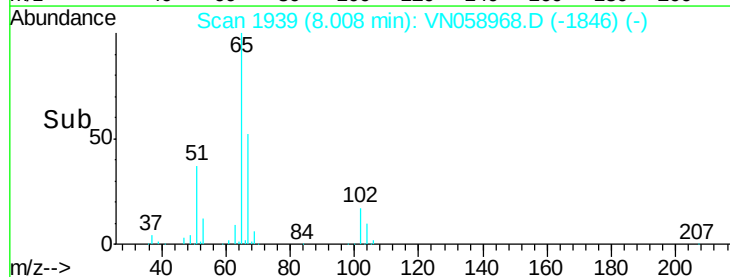
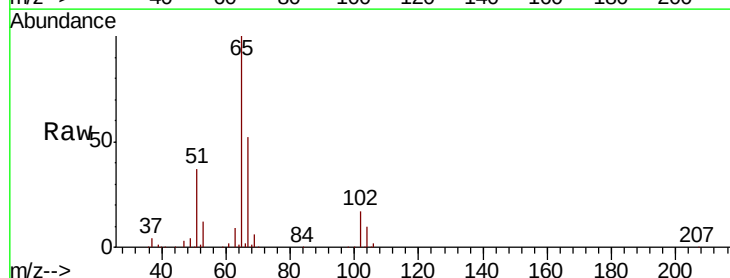
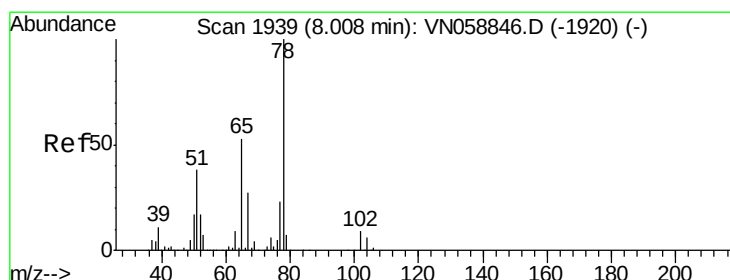
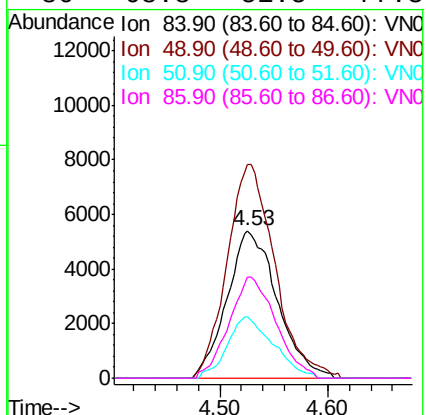
Ion Ratio Lower Upper

84 100

49 144.7 109.6 164.4

51 41.5 33.8 50.6

86 68.8 51.5 77.3



#33

1,2-Dichloroethane-d4

Concen: 50.304 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN058968.D

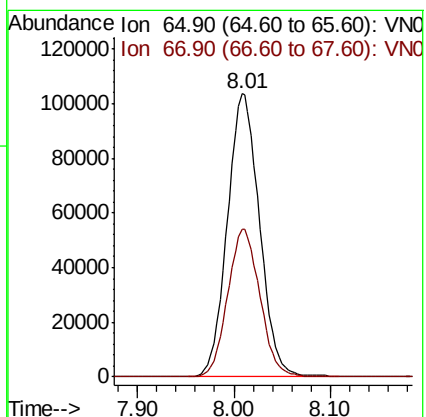
Acq: 24 Oct 2019 17:46

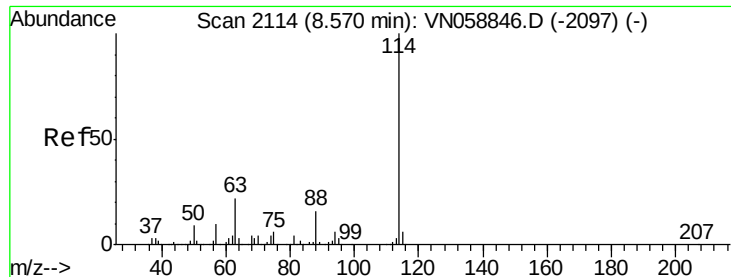
Tgt Ion: 65 Resp: 239527

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058968.D

Acq: 24 Oct 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

OR-02-102319

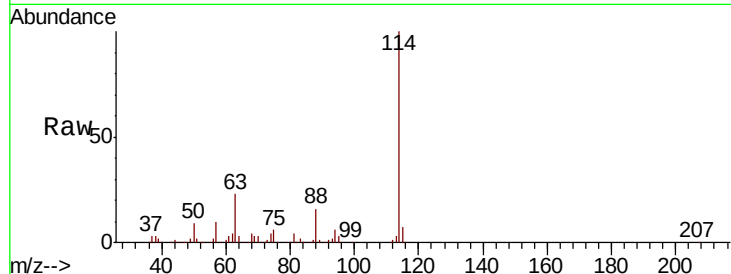
Tot Ion:114 Resp: 515802

Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.4

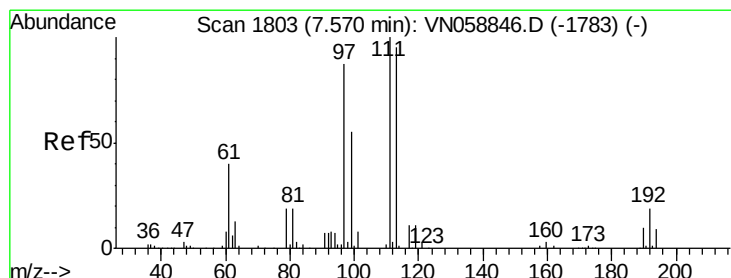
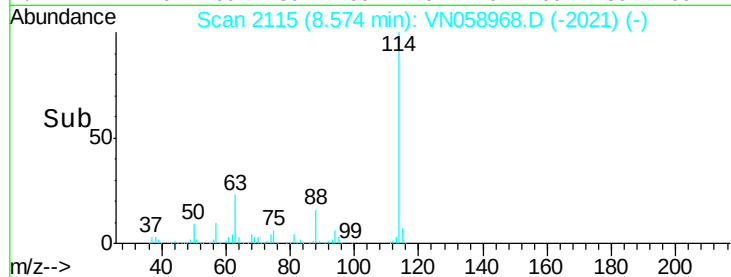
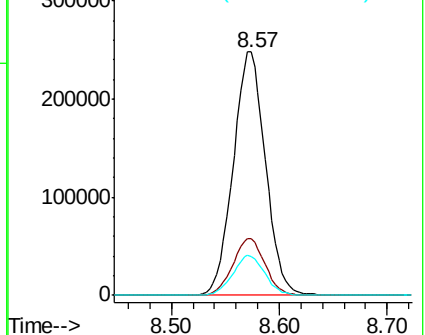
88 16.1 0.0 31.4



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: 50.946 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN058968.D

Acq: 24 Oct 2019 17:46

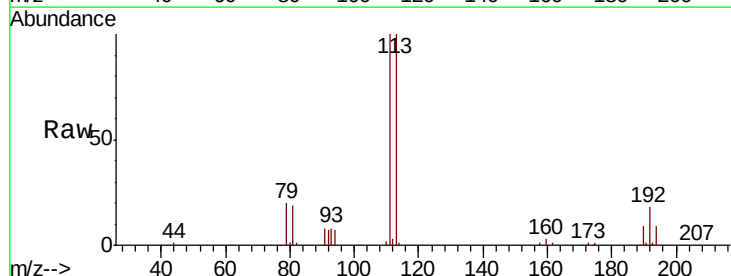
Tgt Ion:113 Resp: 172772

Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

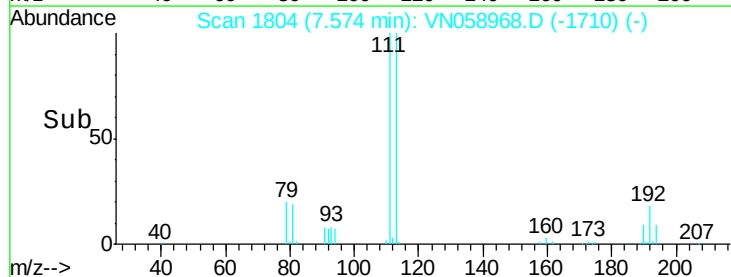
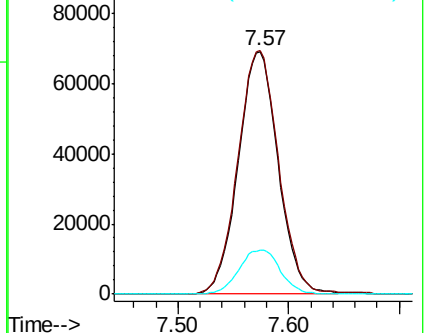
192 18.9 15.0 22.6

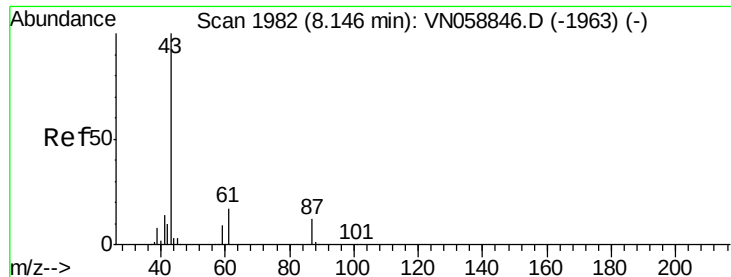


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.686 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN058968.D

Acq: 24 Oct 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

OR-02-102319

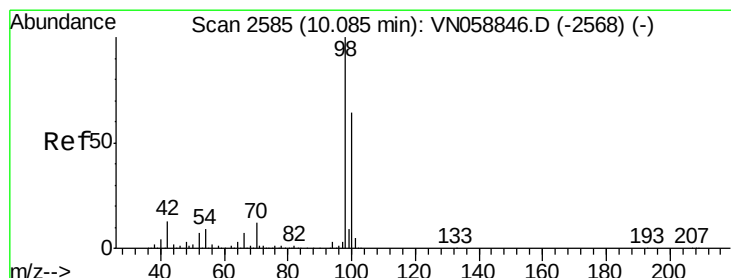
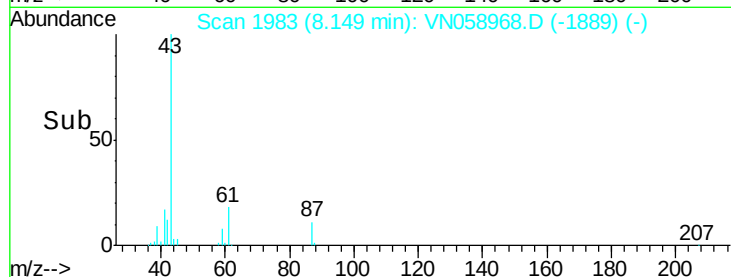
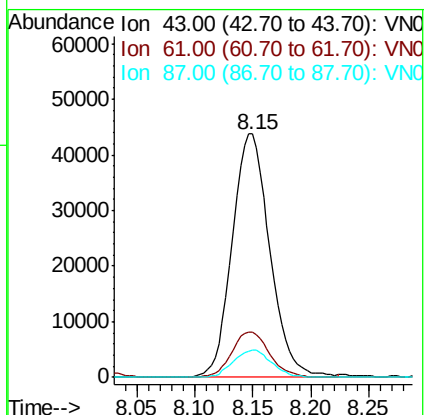
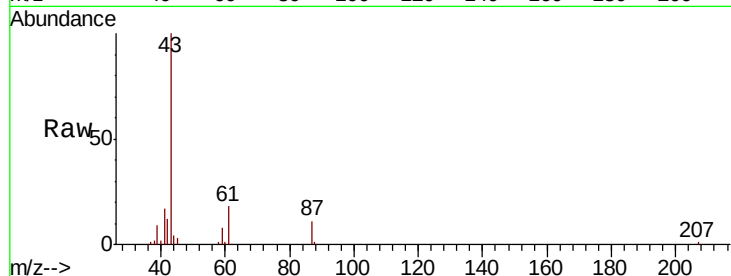
Tot Ion: 43 Resp: 98615

Ion Ratio Lower Upper

43 100

61 18.7 20.2 30.2#

87 11.3 9.5 14.3



#50

Toluene-d8

Concen: 51.122 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN058968.D

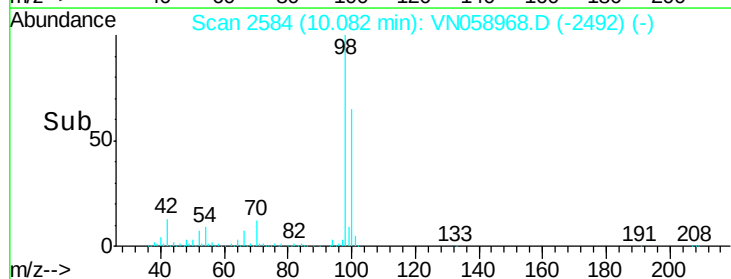
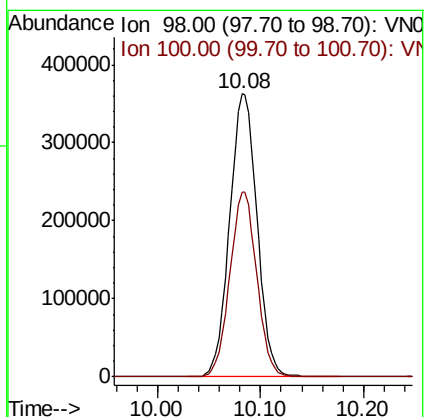
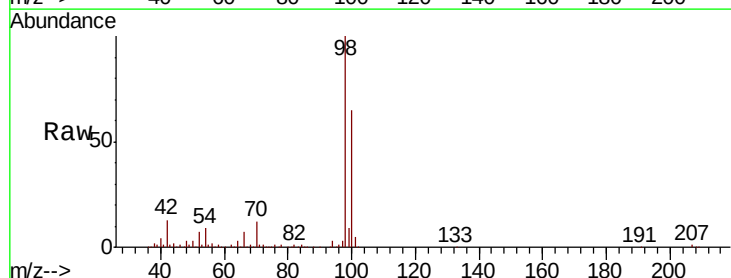
Acq: 24 Oct 2019 17:46

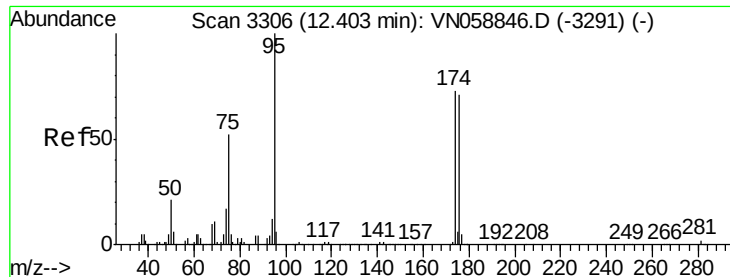
Tgt Ion: 98 Resp: 672992

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.2





#62

4-Bromofluorobenzene

Concen: 43.688 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058968.D

Acq: 24 Oct 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

OR-02-102319

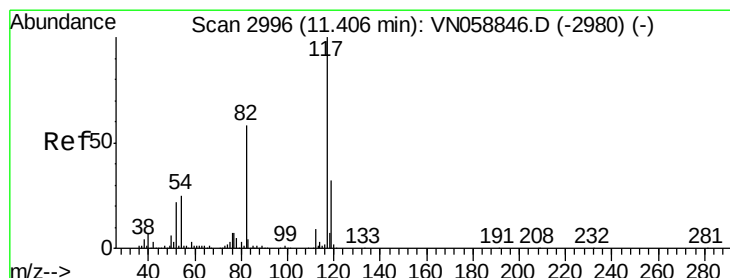
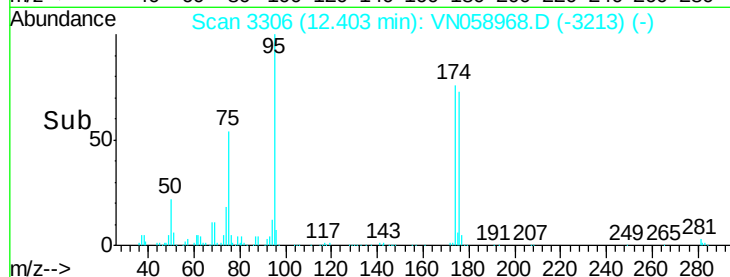
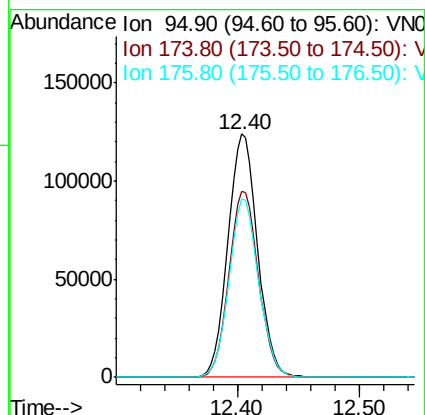
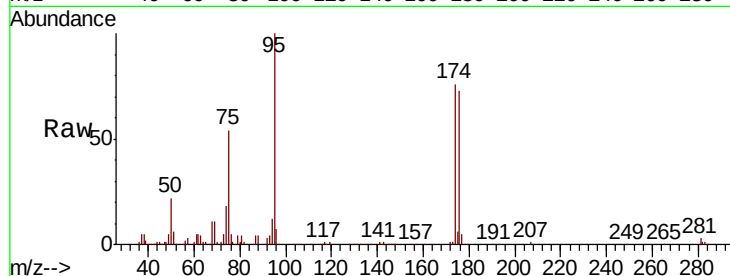
Tot Ion: 95 Resp: 211200

Ion Ratio Lower Upper

95 100

174 76.3 0.0 147.6

176 73.2 0.0 143.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058968.D

Acq: 24 Oct 2019 17:46

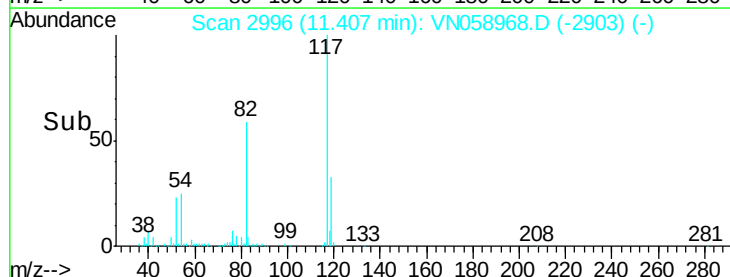
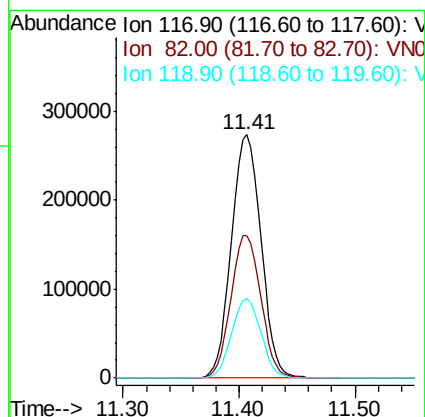
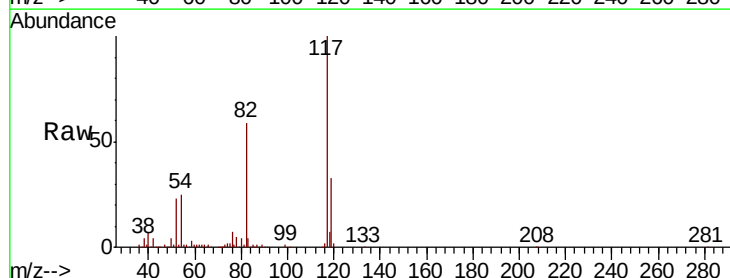
Tgt Ion: 117 Resp: 482926

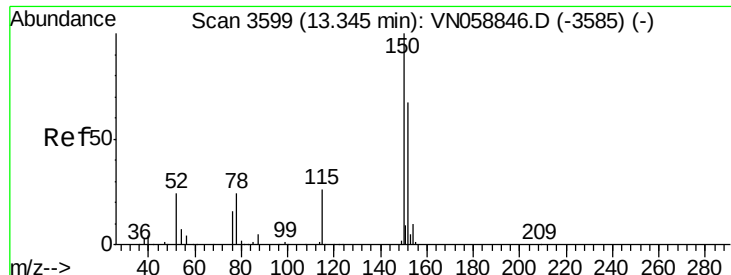
Ion Ratio Lower Upper

117 100

82 58.7 46.6 69.8

119 32.9 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058968.D

Acq: 24 Oct 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

OR-02-102319

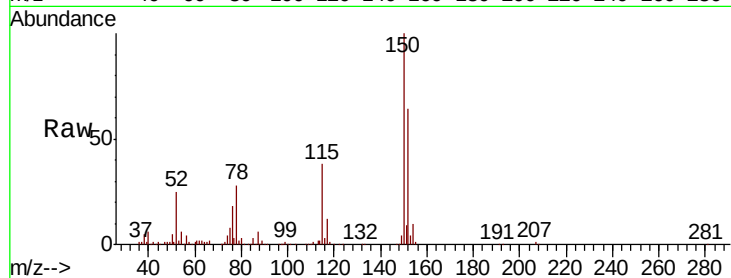
Tot Ion:152 Resp: 176543

Ion Ratio Lower Upper

152 100

115 60.7 30.5 91.5

150 157.4 0.0 344.4



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

