

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081519\
 Data File : VN057301.D
 Acq On : 14 Aug 2019 21:30
 Operator : JC/SP
 Sample : K4324-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-F1-(0)

Quant Time: Aug 15 08:45:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 08:22:24 2019
 Response via : Initial Calibration

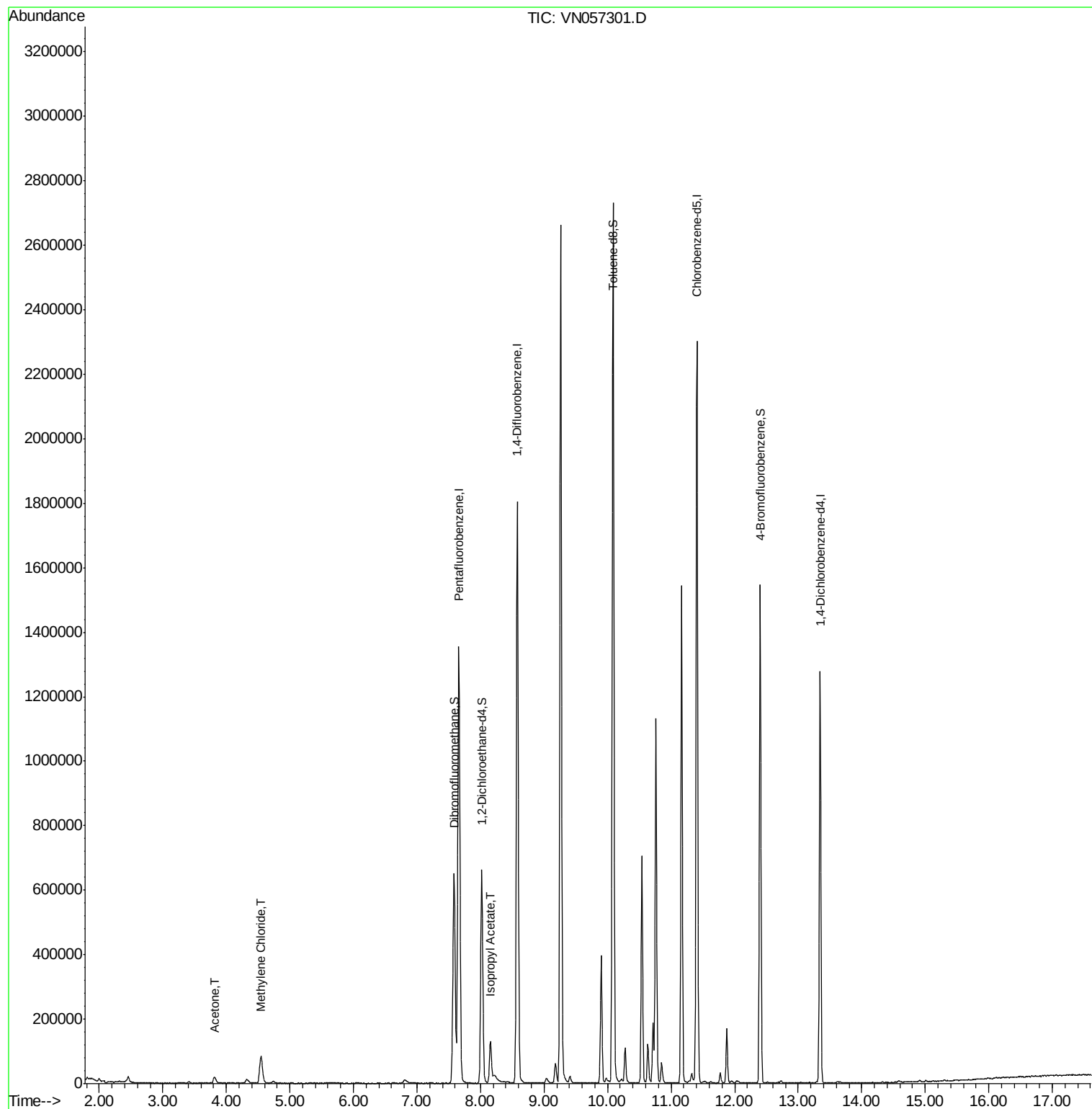
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1226562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1726529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1451612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	377992	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	563833	42.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.58%	
35) Dibromofluoromethane	7.58	113	504535	44.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.16%	
50) Toluene-d8	10.09	98	2019136	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	12.40	95	540316	36.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.88%	
Target Compounds						
16) Acetone	3.81	43	31146	6.733	ug/l	93
20) Methylene Chloride	4.55	84	71805	5.548	ug/l	96
43) Isopropyl Acetate	8.16	43	158751	5.386	ug/l #	92

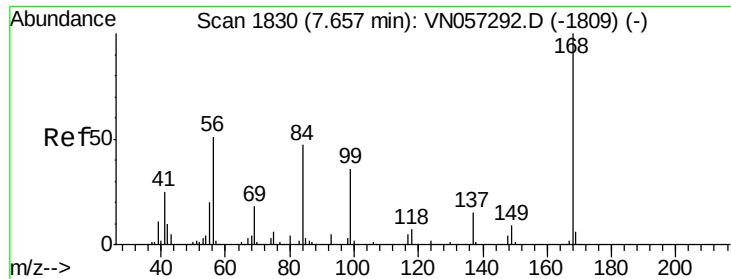
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081519\
Data File : VN057301.D
Acq On : 14 Aug 2019 21:30
Operator : JC/SP
Sample : K4324-11
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T8-F1-(0)

Quant Time: Aug 15 08:45:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 15 08:22:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN057301.D

Acq: 14 Aug 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

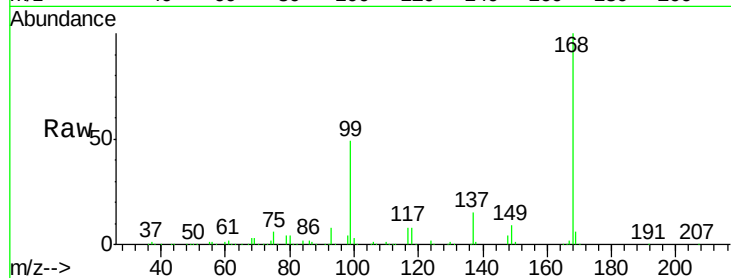
T8-F1-(0)

Tot Ion:168 Resp: 1226562

Ion Ratio Lower Upper

168 100

99 49.0 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

600000

500000

400000

300000

200000

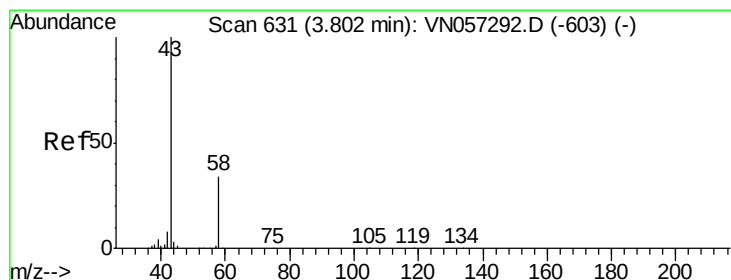
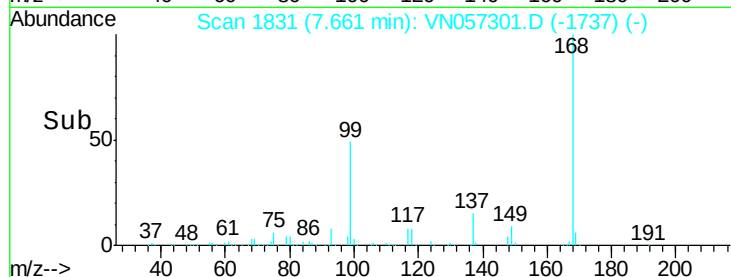
100000

0

7.66

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 6.733 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057301.D

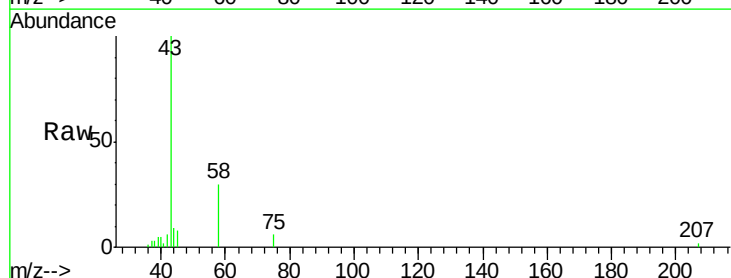
Acq: 14 Aug 2019 21:30

Tgt Ion: 43 Resp: 31146

Ion Ratio Lower Upper

43 100

58 30.0 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

12000

10000

8000

6000

4000

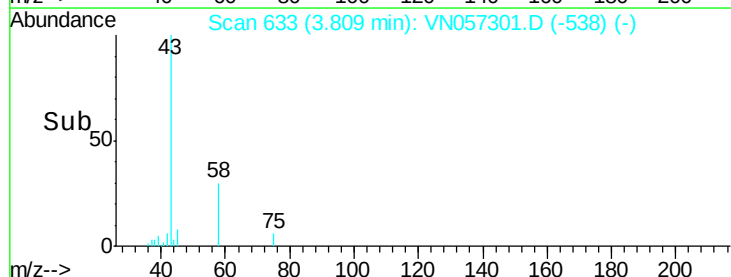
2000

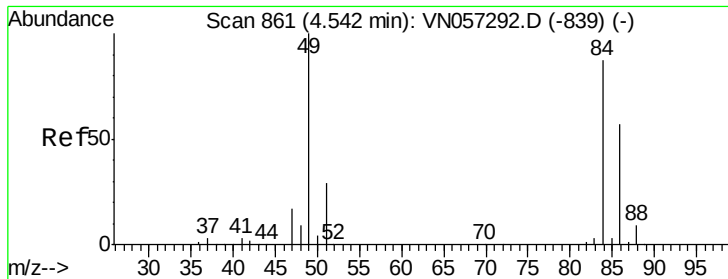
0

3.81

3.70 3.75 3.80 3.85 3.90

Time-->

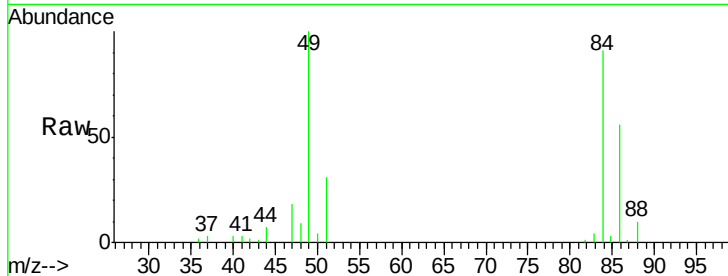




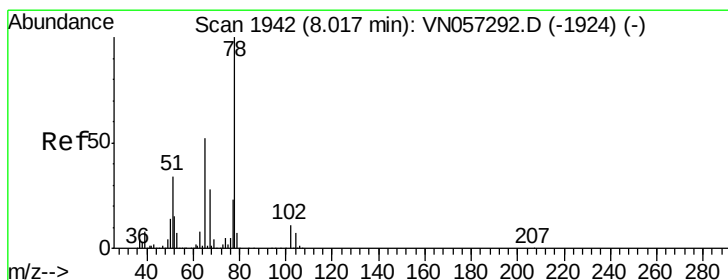
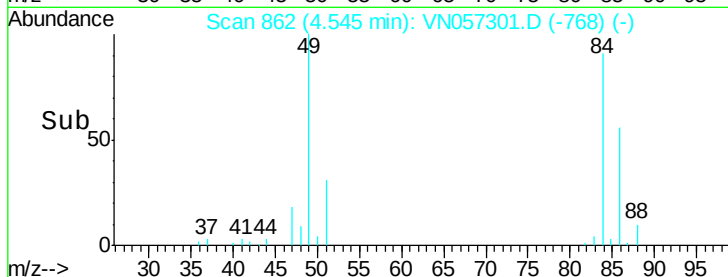
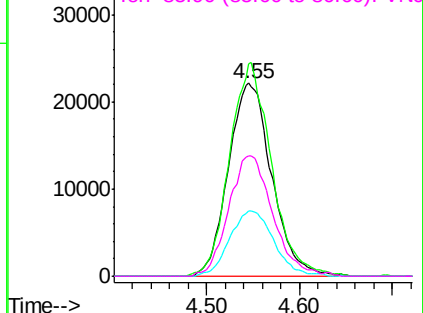
#20
Methylene Chloride
Concen: 5.548 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN057301.D
Acq: 14 Aug 2019 21:30

Instrument :
MSVOA_N
ClientSampleId :
T8-F1-(0)

Tot Ion:	84	Resp:	71805
Ion	Ratio	Lower	Upper
84	100		
49	109.3	92.0	138.0
51	33.9	27.1	40.7
86	62.1	52.2	78.2

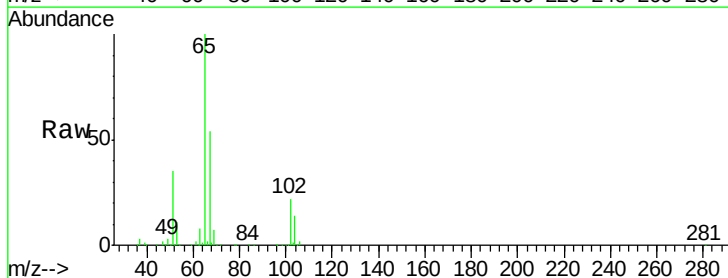


Abundance Ion 83.90 (83.60 to 84.60): VN057301.D (-839) (-)

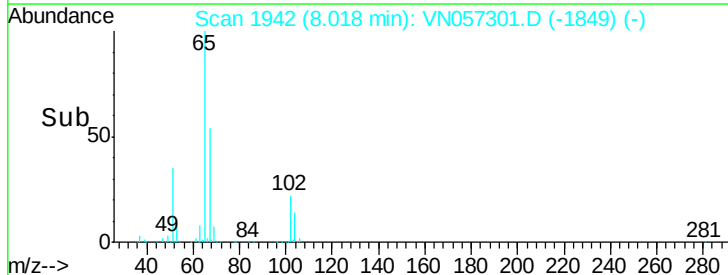
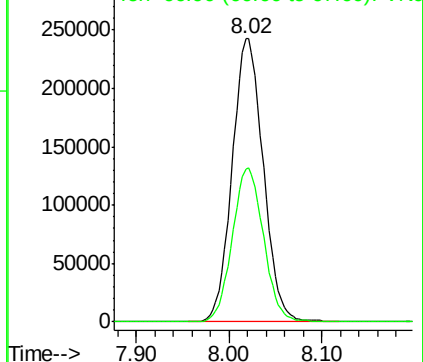


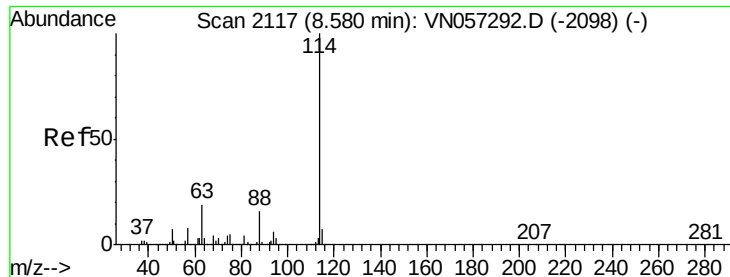
#33
1,2-Dichloroethane-d4
Concen: 42.285 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN057301.D
Acq: 14 Aug 2019 21:30

Tgt Ion:	65	Resp:	563833
Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	107.4



Abundance Ion 64.90 (64.60 to 65.60): VN057301.D (-1849) (-)

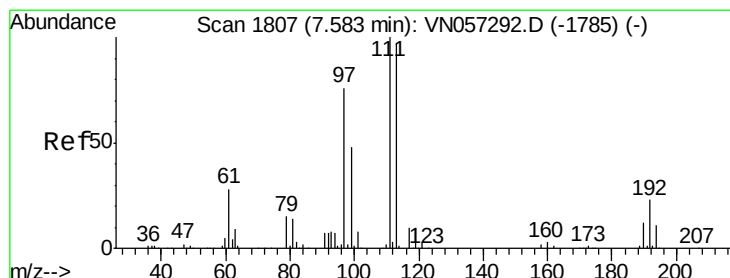
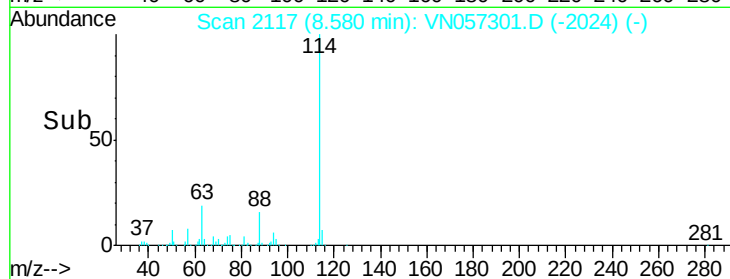
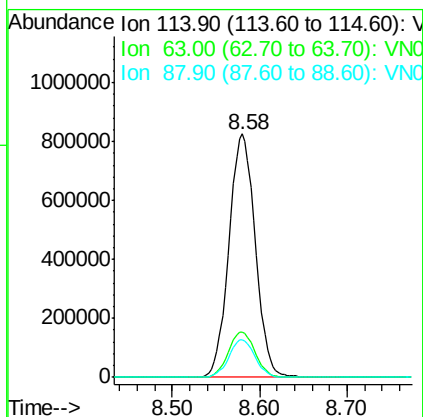
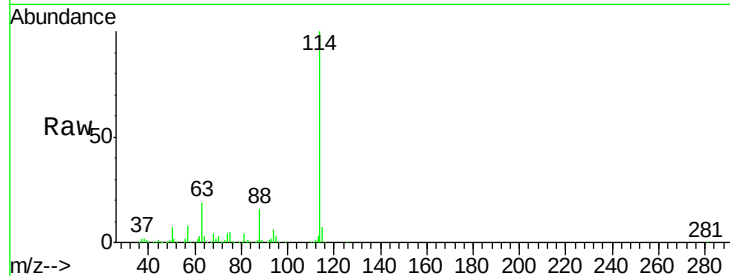




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057301.D
 Acq: 14 Aug 2019 21:30

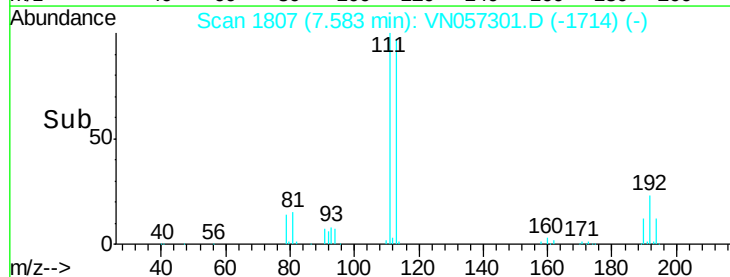
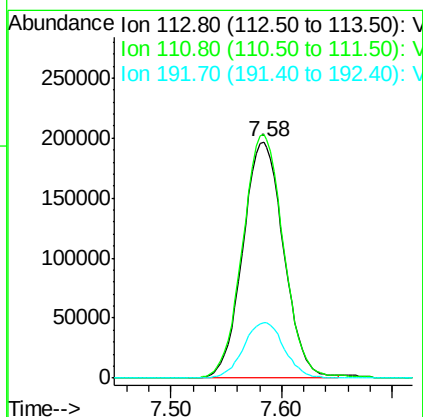
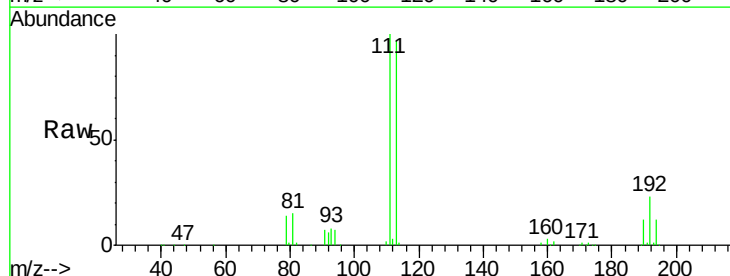
Instrument :
 MSVOA_N
 ClientSampleId :
 T8-F1-(0)

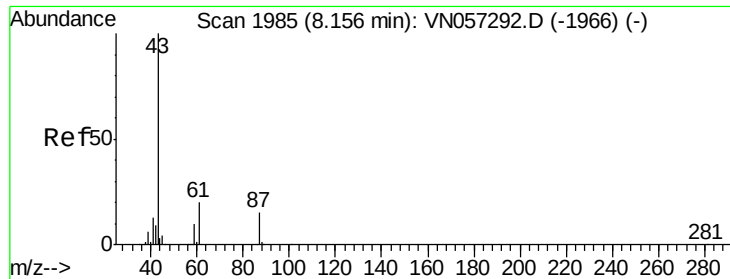
Tot Ion:114 Resp: 1726529
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.8
 88 15.6 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 44.579 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057301.D
 Acq: 14 Aug 2019 21:30

Tgt Ion:113 Resp: 504535
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.1 123.1
 192 23.4 19.3 28.9





#43

Isopropyl Acetate

Concen: 5.386 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057301.D

Acq: 14 Aug 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

T8-F1-(0)

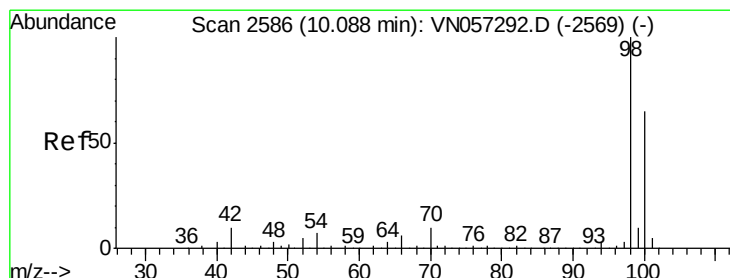
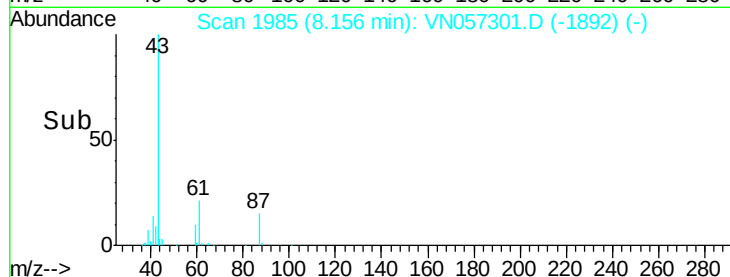
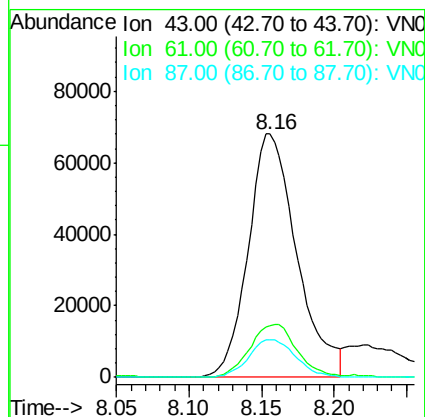
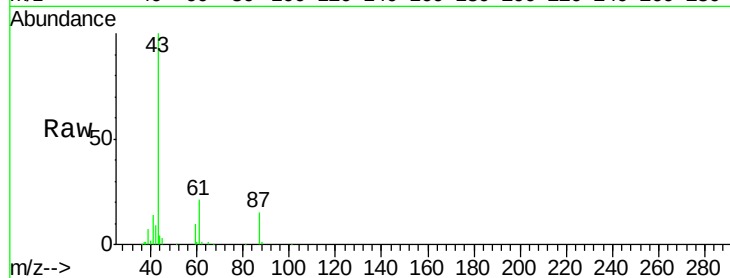
Tot Ion: 43 Resp: 158751

Ion Ratio Lower Upper

43 100

61 21.3 21.6 32.4#

87 15.1 11.4 17.0



#50

Toluene-d8

Concen: 48.777 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057301.D

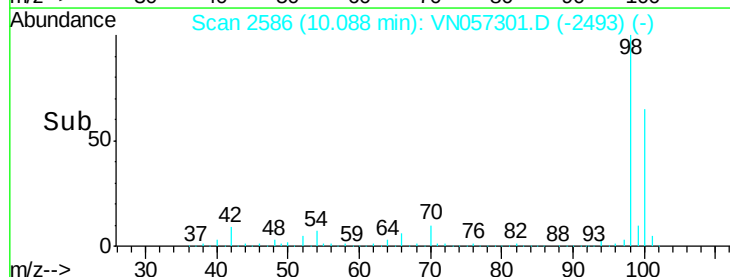
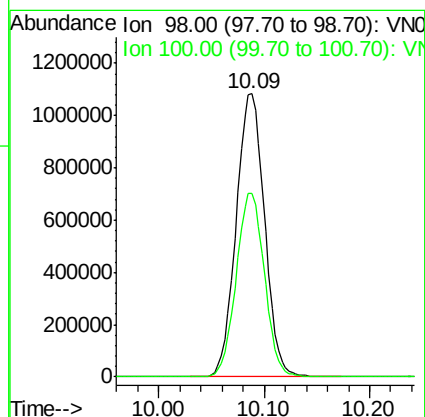
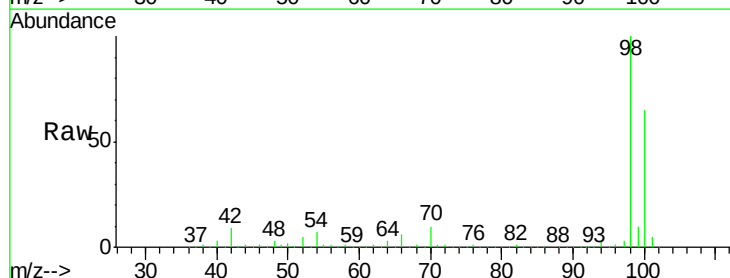
Acq: 14 Aug 2019 21:30

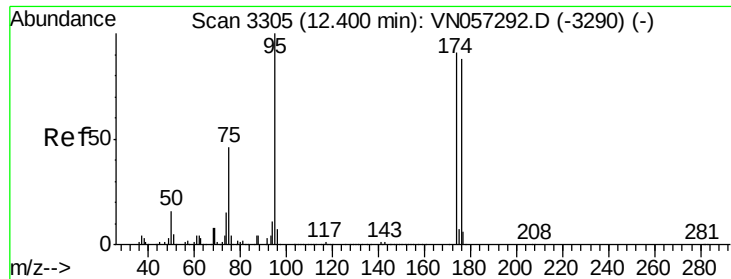
Tgt Ion: 98 Resp: 2019136

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 36.935 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057301.D

Acq: 14 Aug 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

T8-F1-(0)

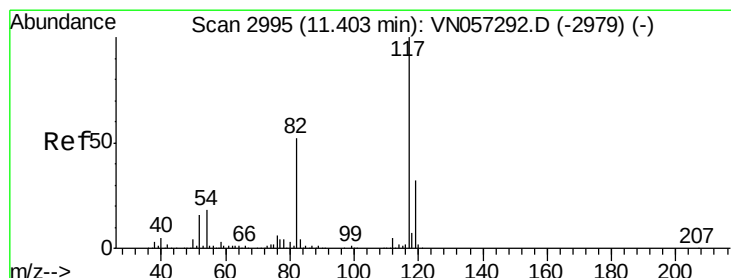
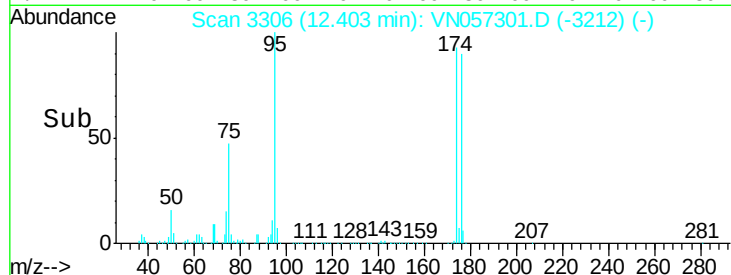
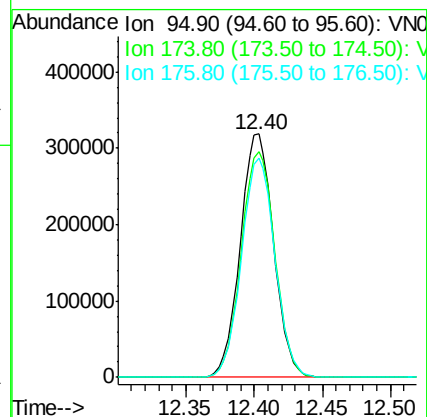
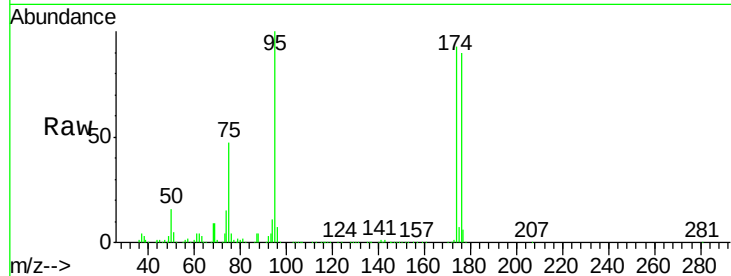
Tot Ion: 95 Resp: 540316

Ion Ratio Lower Upper

95 100

174 93.8 0.0 185.0

176 90.4 0.0 181.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057301.D

Acq: 14 Aug 2019 21:30

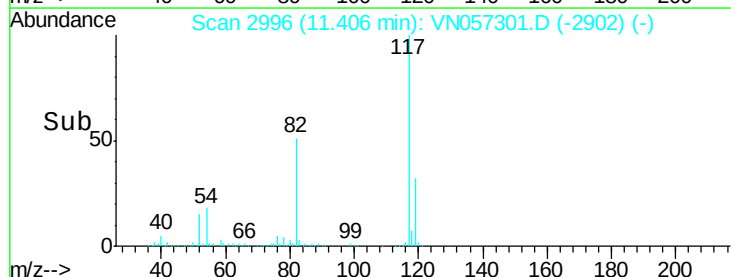
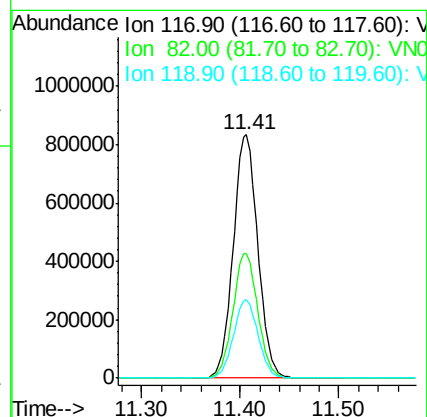
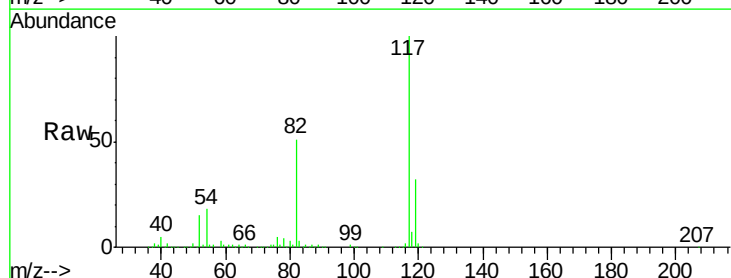
Tgt Ion: 117 Resp: 1451612

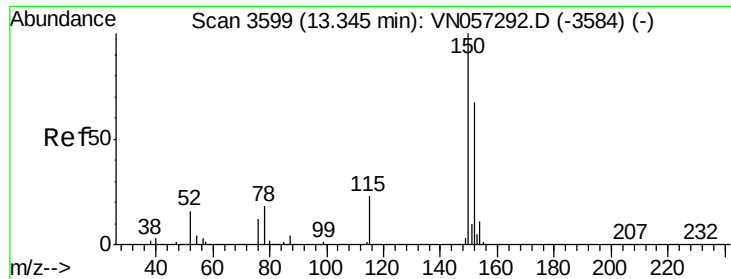
Ion Ratio Lower Upper

117 100

82 51.0 41.2 61.8

119 32.0 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057301.D

Acq: 14 Aug 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

T8-F1-(0)

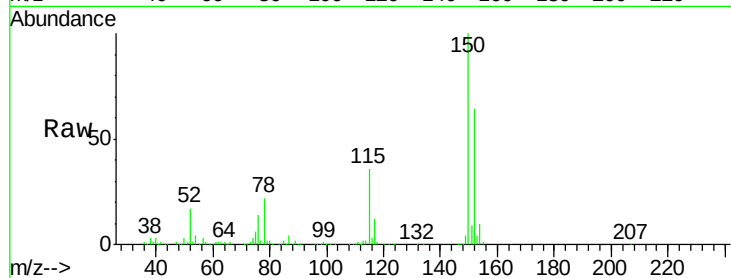
Tot Ion:152 Resp: 377992

Ion Ratio Lower Upper

152 100

115 55.3 27.3 81.9

150 157.0 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

