

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081519\
 Data File : VN057302.D
 Acq On : 14 Aug 2019 21:55
 Operator : JC/SP
 Sample : K4324-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-F1-(4)

Quant Time: Aug 15 08:47:05 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

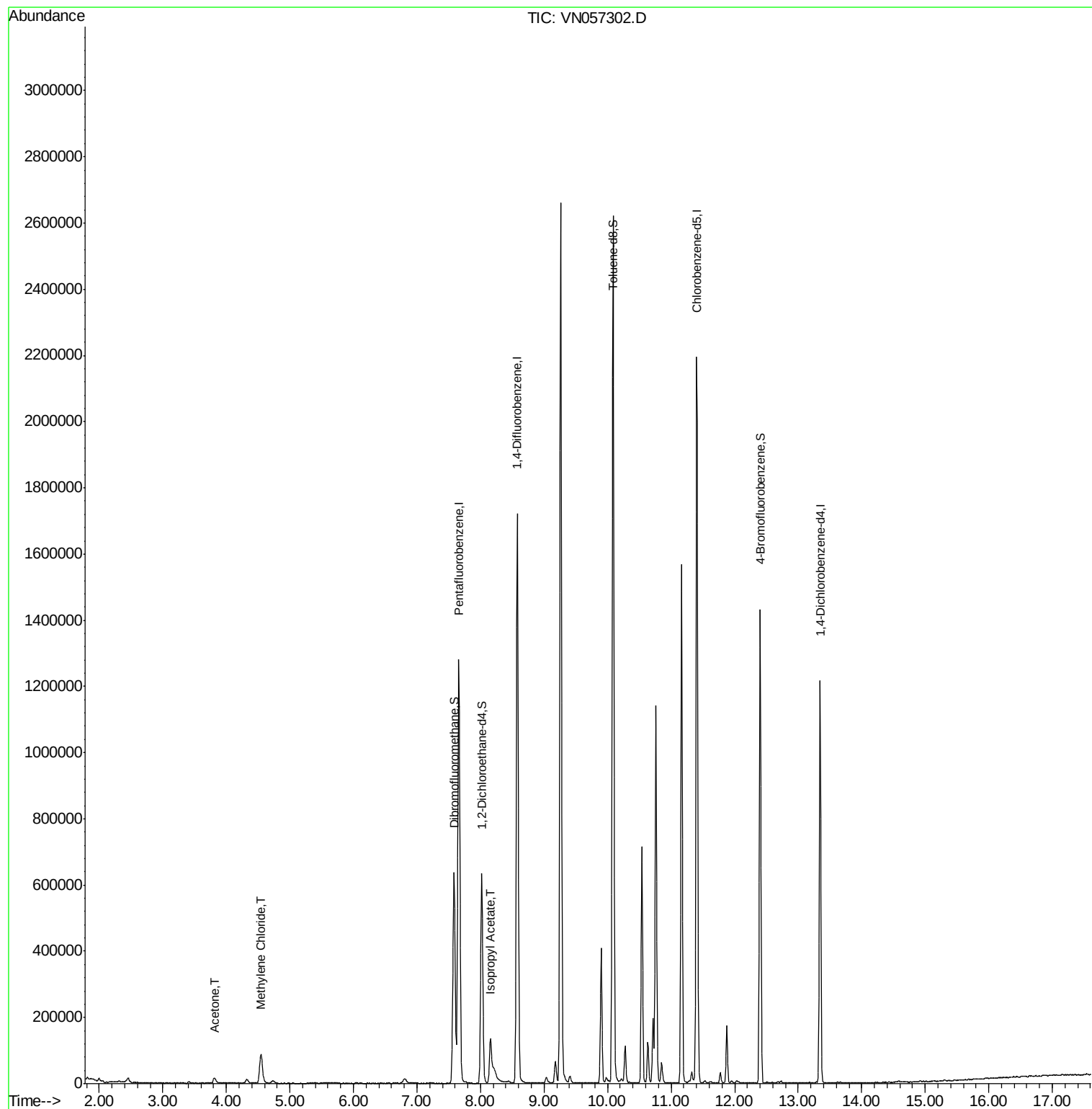
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1164650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1646847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1360169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	353478	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	549061	43.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.74%	
35) Dibromofluoromethane	7.58	113	494882	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.68%	
50) Toluene-d8	10.09	98	1909807	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
62) 4-Bromofluorobenzene	12.40	95	510070	36.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.10%	
Target Compounds						
16) Acetone	3.81	43	28803	6.558	ug/l	96
20) Methylene Chloride	4.55	84	70239	5.716	ug/l	97
43) Isopropyl Acetate	8.16	43	229574	9.077	ug/l #	82

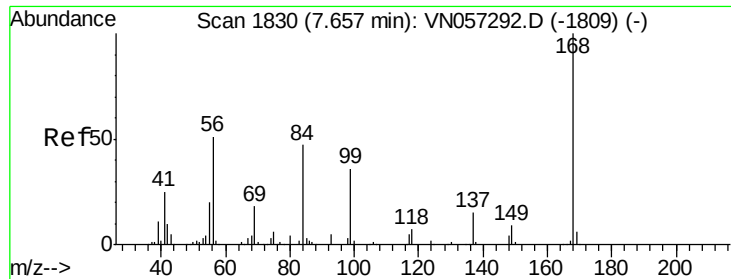
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081519\
Data File : VN057302.D
Acq On : 14 Aug 2019 21:55
Operator : JC/SP
Sample : K4324-12
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T8-F1-(4)

Quant Time: Aug 15 08:47:05 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# 1830

Delta R.T. 0.00 min

Lab File: VN057302.D

Acq: 14 Aug 2019 21:55

Instrument :

MSVOA_N

ClientSampled :

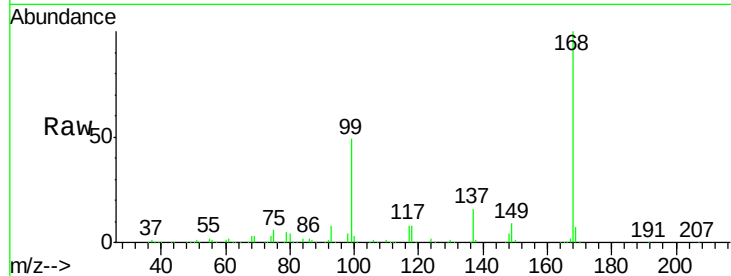
T8-F1-(4)

Tot Ion:168 Resp: 1164650

Ion Ratio Lower Upper

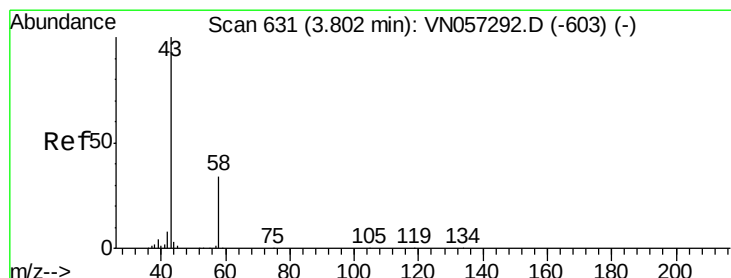
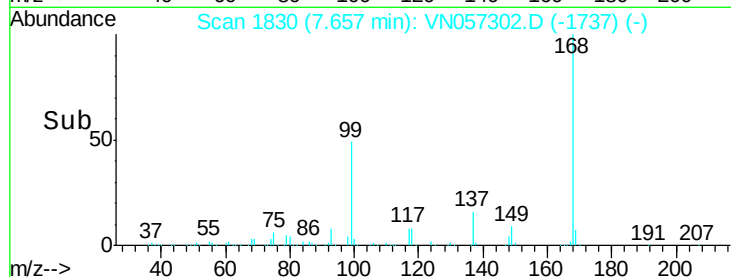
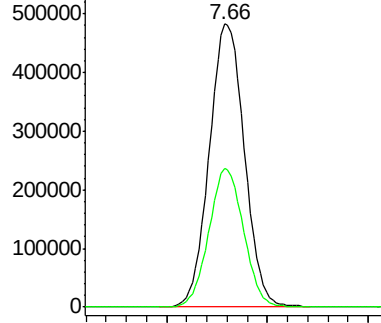
168 100

99 49.1 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 6.558 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN057302.D

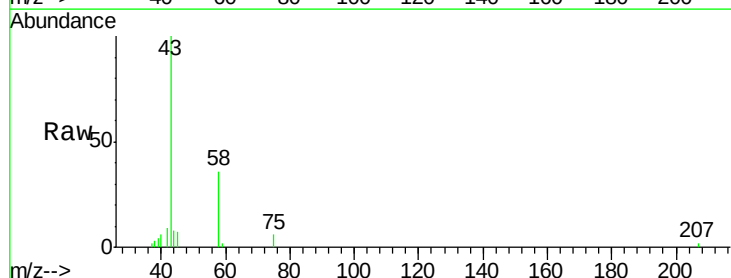
Acq: 14 Aug 2019 21:55

Tgt Ion: 43 Resp: 28803

Ion Ratio Lower Upper

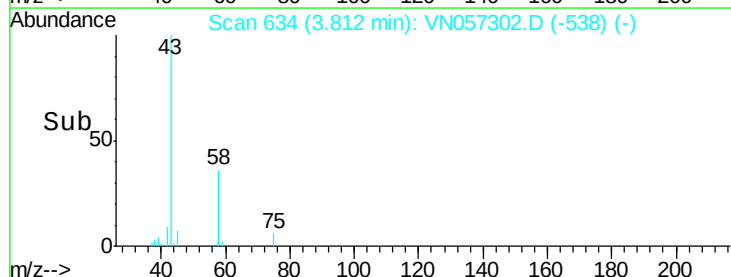
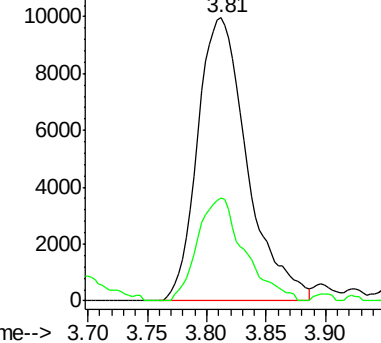
43 100

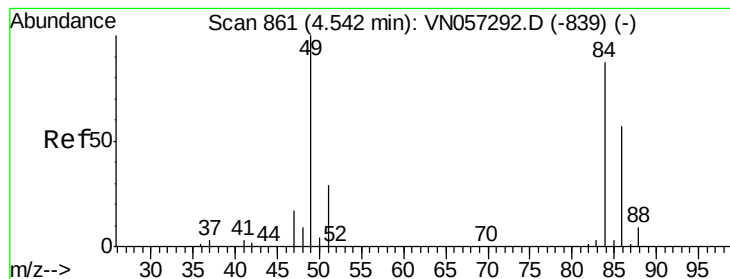
58 36.2 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 5.716 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.01 min

Lab File: VN057302.D

Acq: 14 Aug 2019 21:55

Instrument :

MSVOA_N

ClientSampleId :

T8-F1-(4)

Tot Ion: 84 Resp: 70239

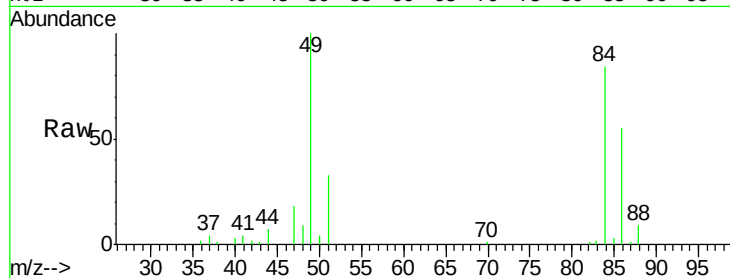
Ion Ratio Lower Upper

84 100

49 118.6 92.0 138.0

51 39.2 27.1 40.7

86 65.3 52.2 78.2

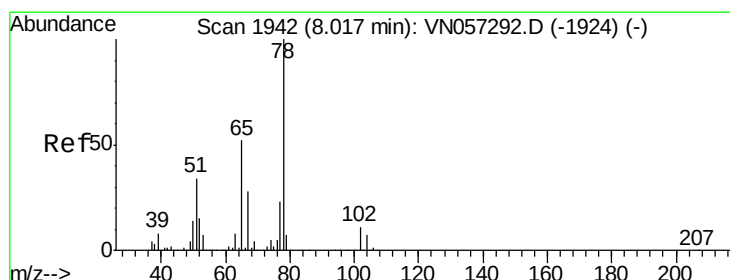
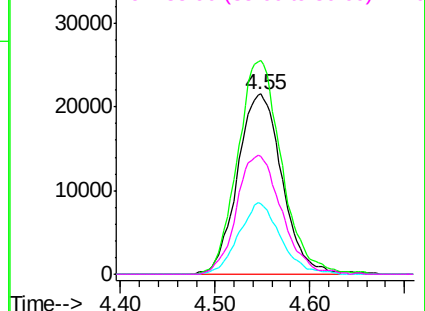
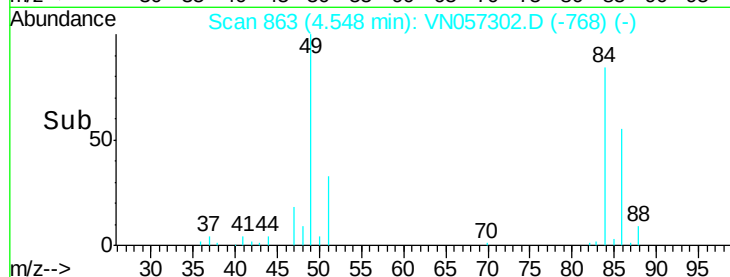


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 43.366 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN057302.D

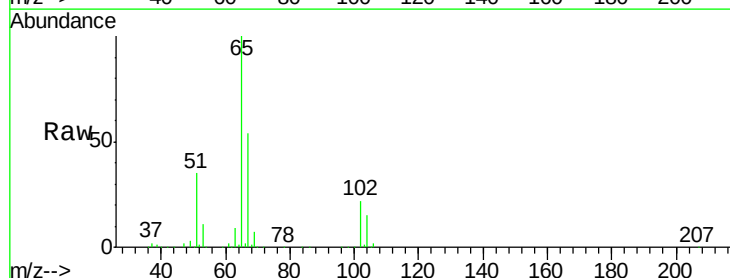
Acq: 14 Aug 2019 21:55

Tgt Ion: 65 Resp: 549061

Ion Ratio Lower Upper

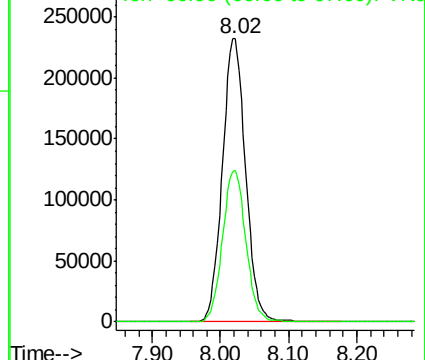
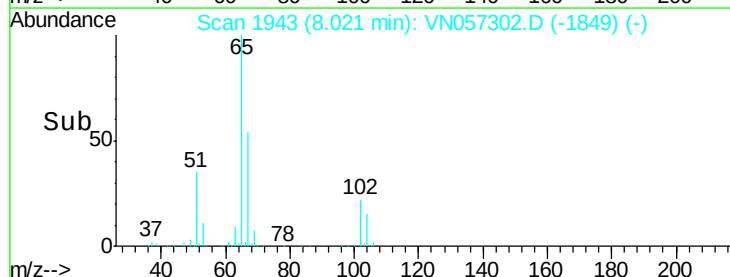
65 100

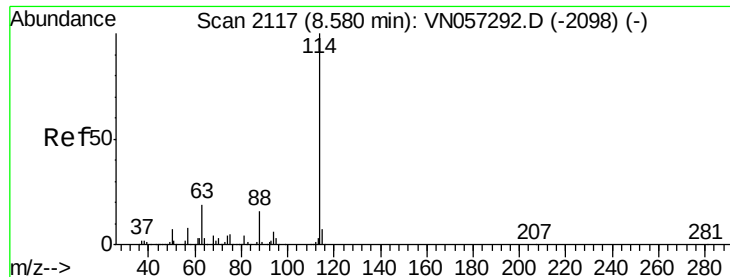
67 53.7 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



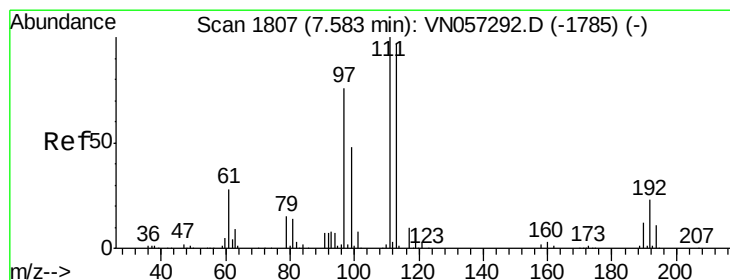
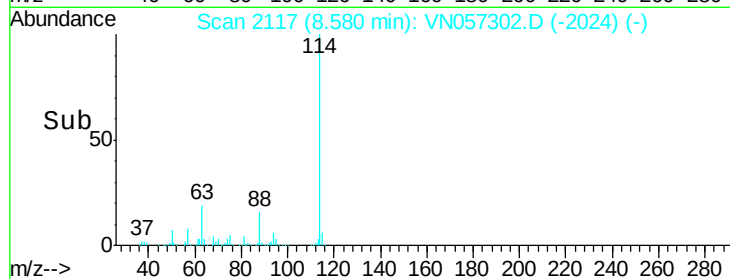
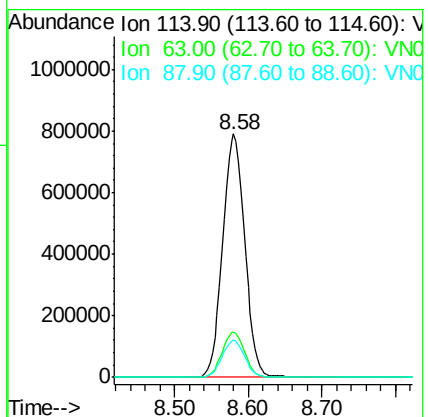
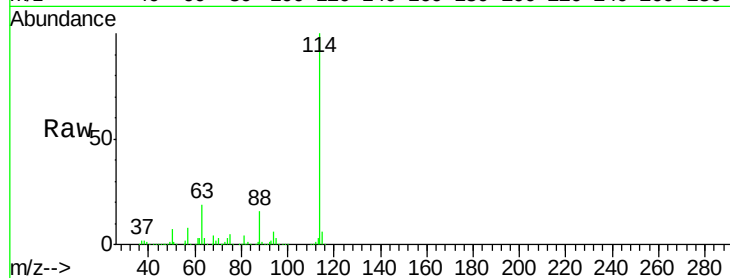


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057302.D
 Acq: 14 Aug 2019 21:55

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-F1-(4)

Tot Ion:114 Resp: 1646847

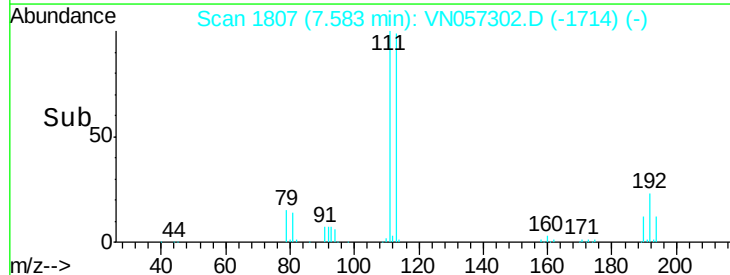
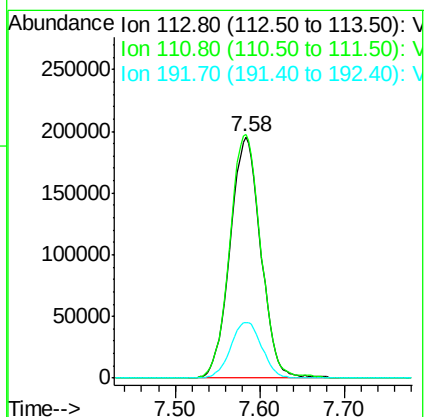
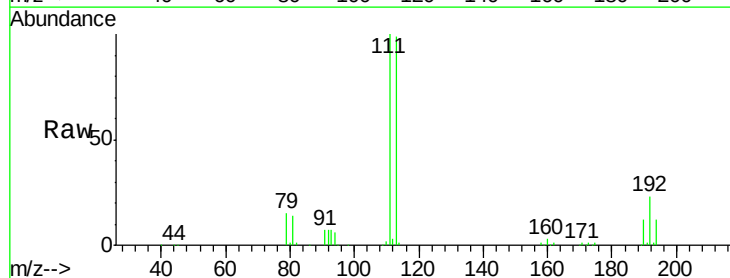
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	38.8
88	15.5	0.0	31.4

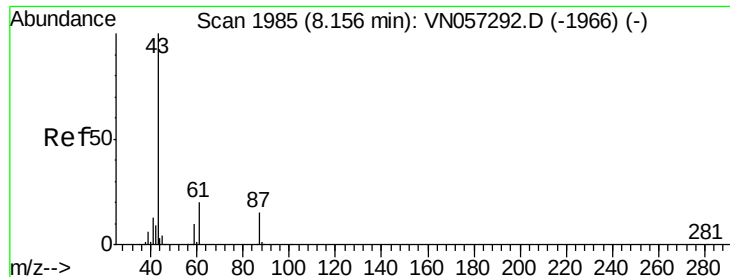


#35
 Dibromofluoromethane
 Concen: 45.842 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057302.D
 Acq: 14 Aug 2019 21:55

Tgt Ion:113 Resp: 494882

Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.1	123.1
192	23.6	19.3	28.9





#43

Isopropyl Acetate

Concen: 9.077 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057302.D

Acq: 14 Aug 2019 21:55

Instrument :

MSVOA_N

ClientSampleId :

T8-F1-(4)

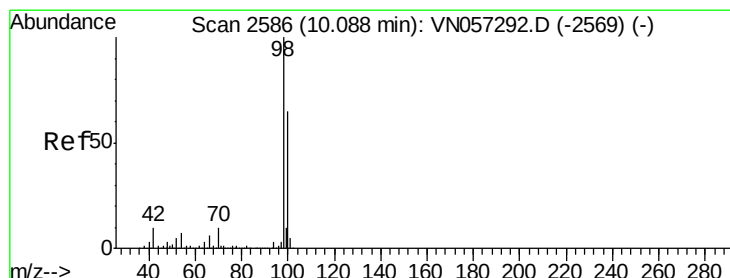
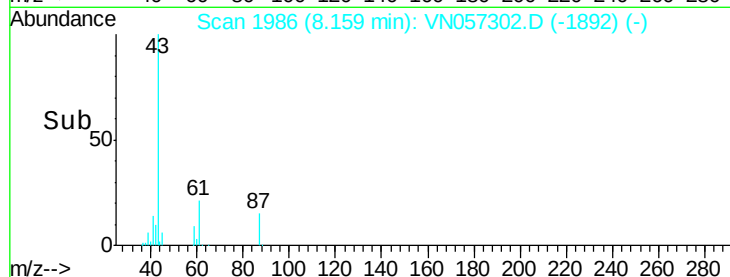
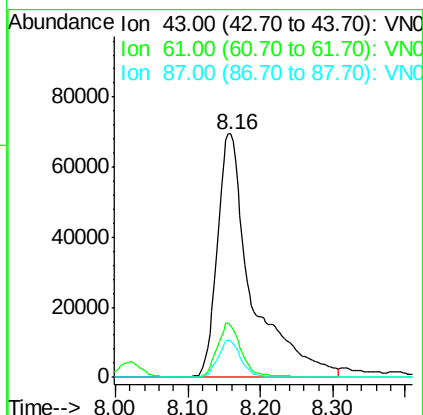
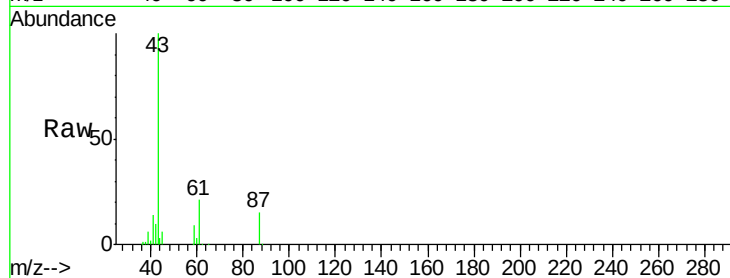
Tot Ion: 43 Resp: 229574

Ion Ratio Lower Upper

43 100

61 15.4 21.6 32.4#

87 10.1 11.4 17.0#



#50

Toluene-d8

Concen: 48.368 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057302.D

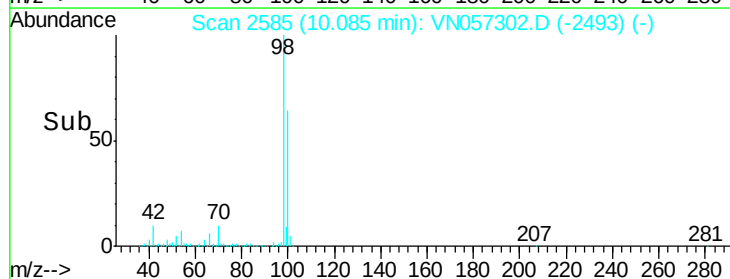
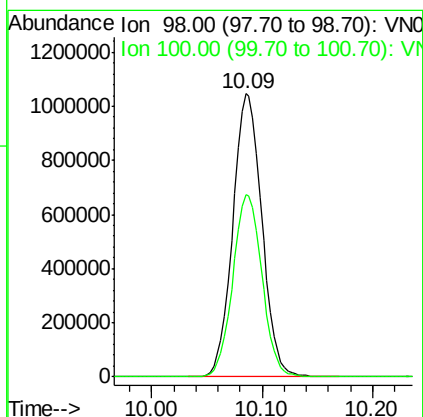
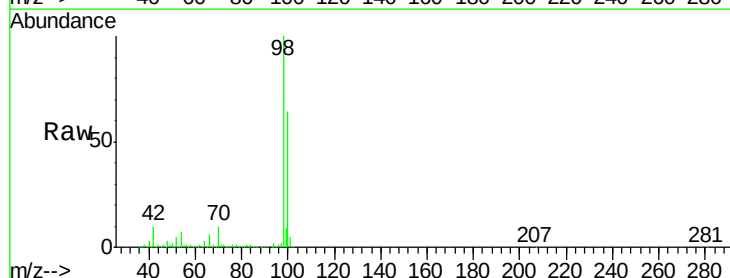
Acq: 14 Aug 2019 21:55

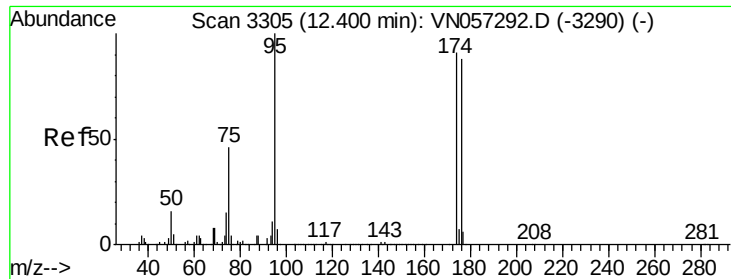
Tgt Ion: 98 Resp: 1909807

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9

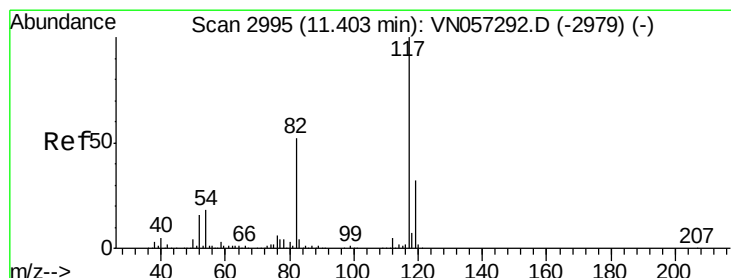
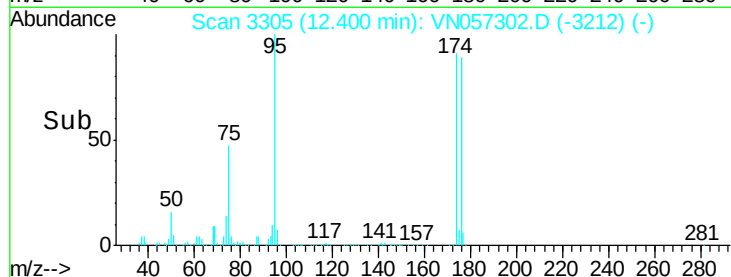
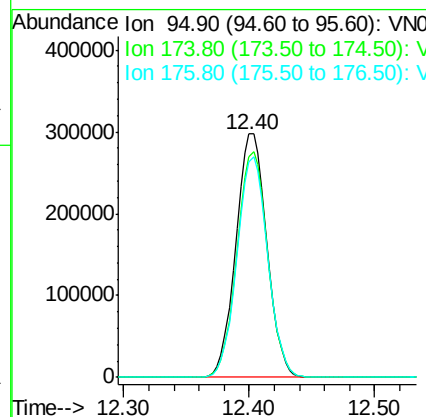
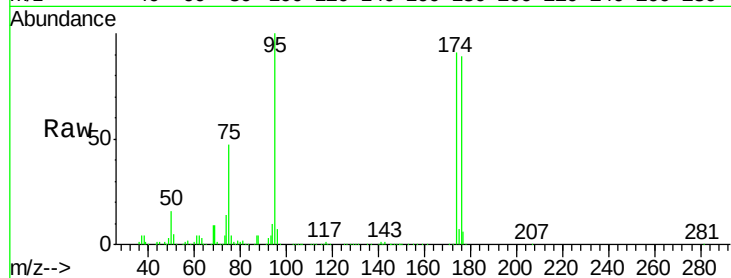




#62
4-Bromofluorobenzene
Concen: 36.555 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN057302.D
Acq: 14 Aug 2019 21:55

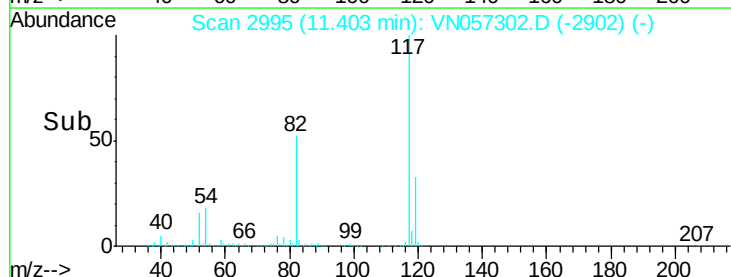
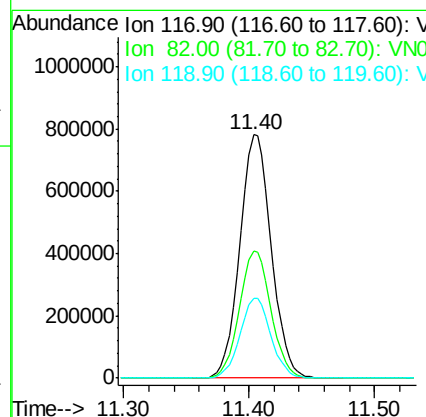
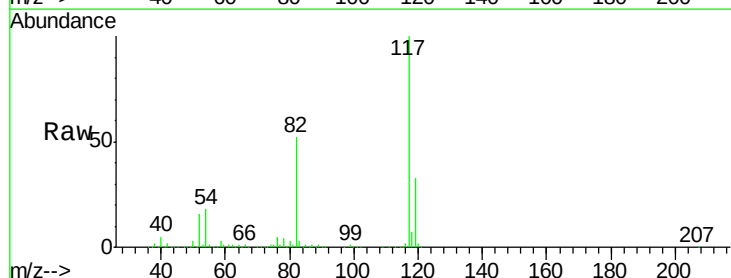
Instrument :
MSVOA_N
ClientSampleId :
T8-F1-(4)

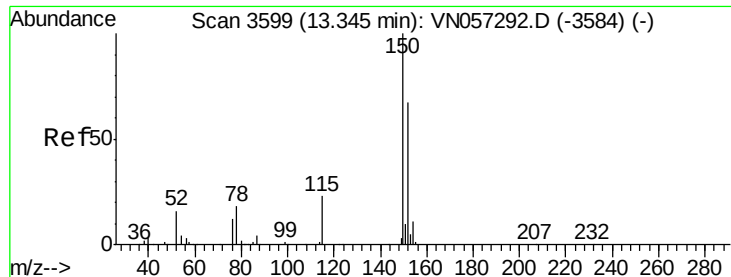
Tot Ion: 95 Resp: 510070
Ion Ratio Lower Upper
95 100
174 91.9 0.0 185.0
176 89.8 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057302.D
Acq: 14 Aug 2019 21:55

Tgt Ion: 117 Resp: 1360169
Ion Ratio Lower Upper
117 100
82 52.1 41.2 61.8
119 32.7 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: VN057302.D

Acq: 14 Aug 2019 21:55

Instrument :

MSVOA_N

ClientSampleId :

T8-F1-(4)

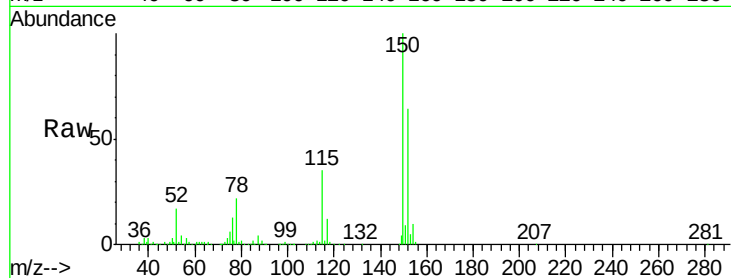
Tot Ion:152 Resp: 353478

Ion Ratio Lower Upper

152 100

115 55.5 27.3 81.9

150 158.0 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

