

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081319\
 Data File : VN057271.D
 Acq On : 14 Aug 2019 1:29
 Operator : JC/SP
 Sample : K4266-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C4-(4.3)

Manual Integrations
 APPROVED

MMDadoda
 8/14/2019 12:28:53 PM

Quant Time: Aug 14 07:52:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 06:25:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1497925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2082994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1792216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	475419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	705620	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
35) Dibromofluoromethane	7.58	113	639195	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
50) Toluene-d8	10.09	98	2460382	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.40	95	663239	39.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.74%	
Target Compounds						
16) Acetone	3.81	43	31175	6.018	ug/l	98
18) Methyl Acetate	4.32	43	49333	2.590	ug/l	96
20) Methylene Chloride	4.55	84	48852	3.228	ug/l	93
43) Isopropyl Acetate	8.16	43	291533m	12.094	ug/l	

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

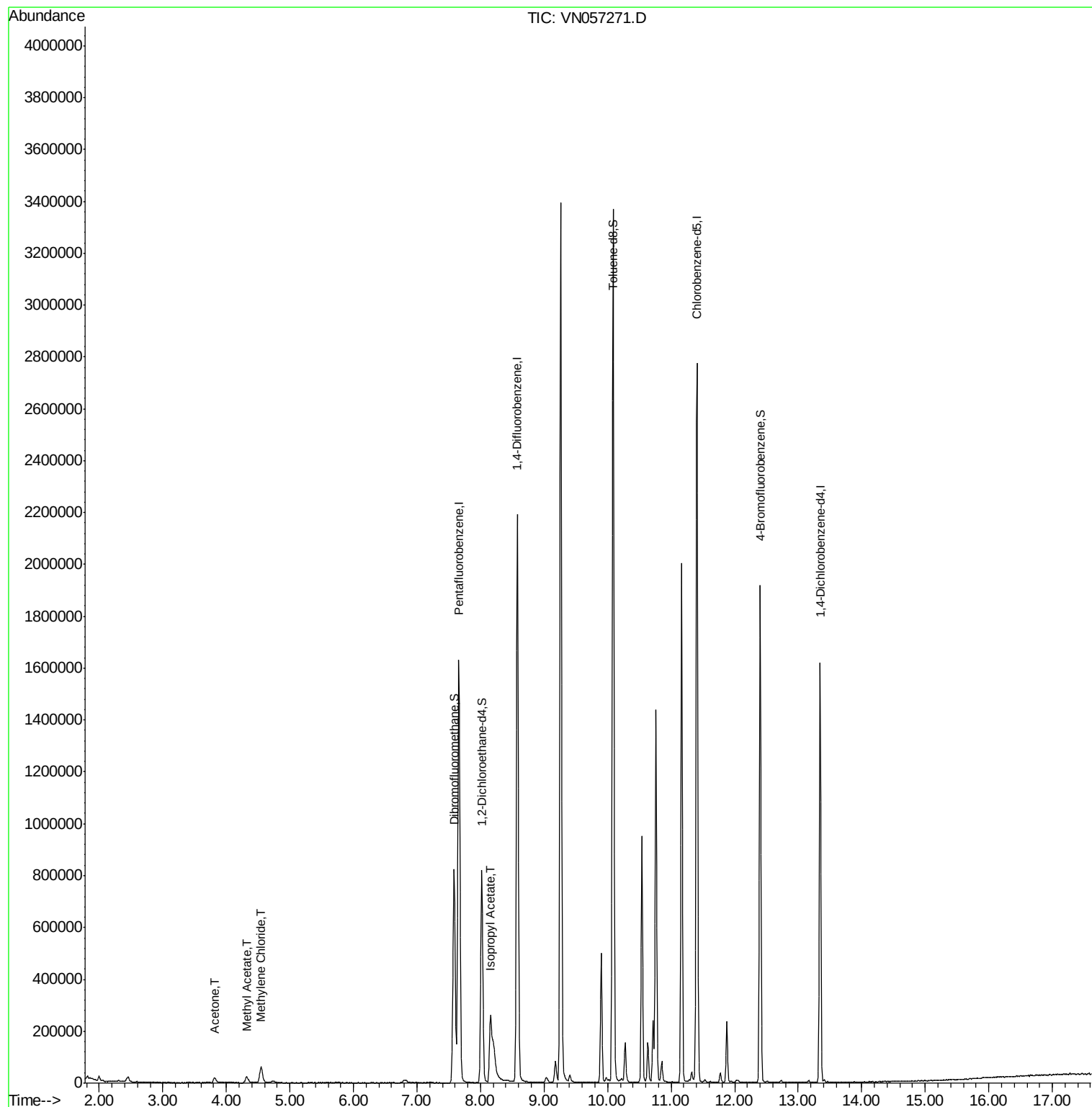
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081319\
Data File : VN057271.D
Acq On : 14 Aug 2019 1:29
Operator : JC/SP
Sample : K4266-20
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 37 Sample Multiplier: 1

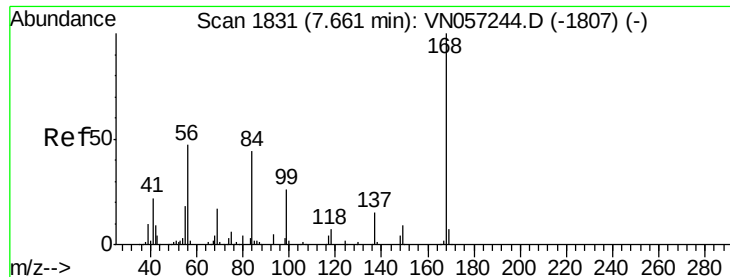
Instrument :
MSVOA_N
ClientSampleId :
R1-R2-C4-(4.3)

Manual Integrations
APPROVED

MMDadoda
8/14/2019 12:28:53 PM

Quant Time: Aug 14 07:52:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 14 06:25:03 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: VN057271.D

Acq: 14 Aug 2019 1:29

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C4-(4.3)

Tot Ion:168 Resp: 1497925

Ion Ratio Lower Upper

168 100

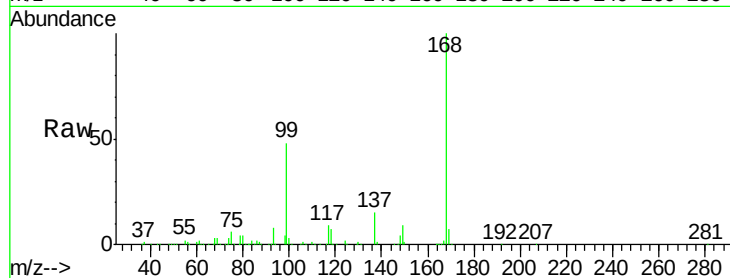
99 48.5 38.6 58.0

Manual Integrations

APPROVED

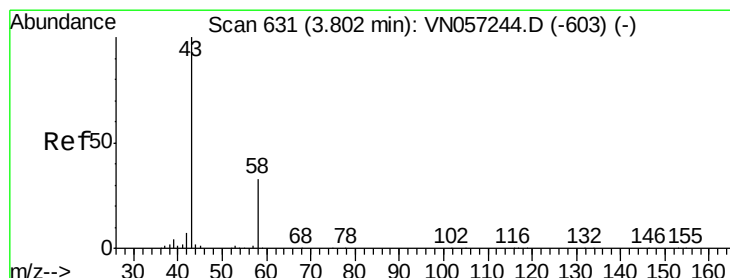
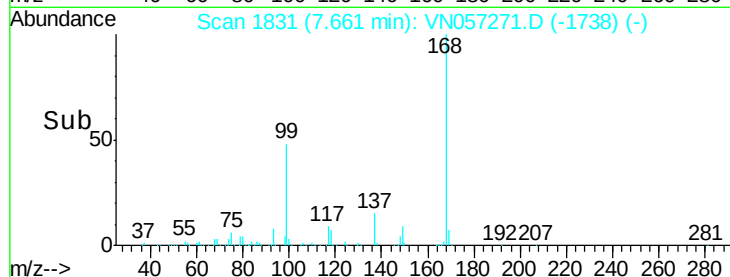
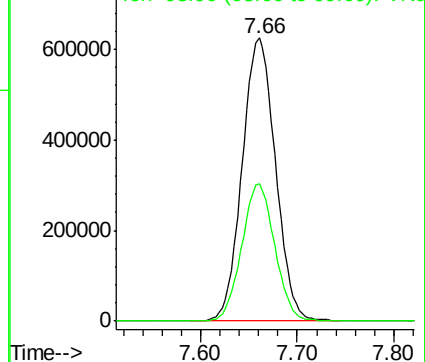
MMDadoda

8/14/2019 12:28:53 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 6.018 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057271.D

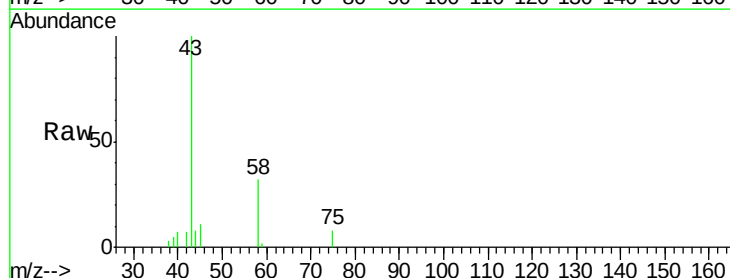
Acq: 14 Aug 2019 1:29

Tgt Ion: 43 Resp: 31175

Ion Ratio Lower Upper

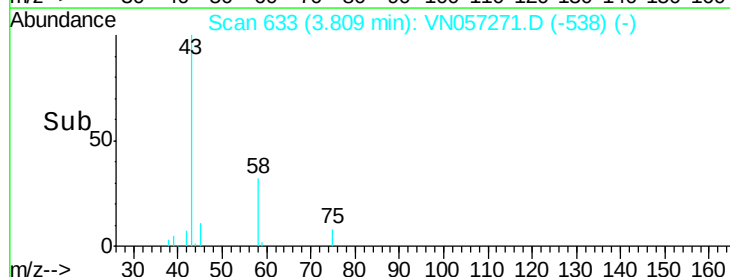
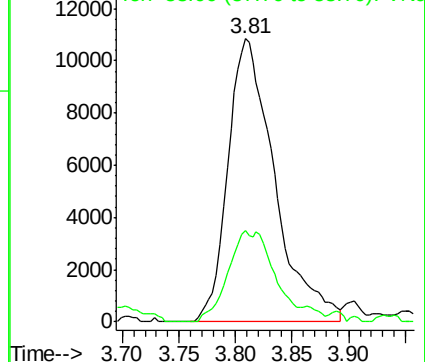
43 100

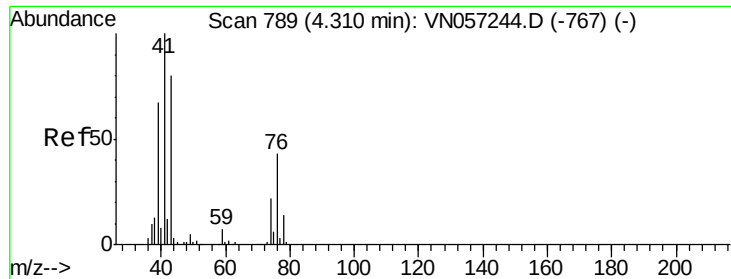
58 32.2 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





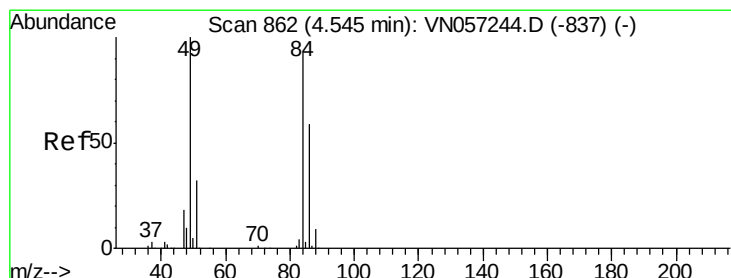
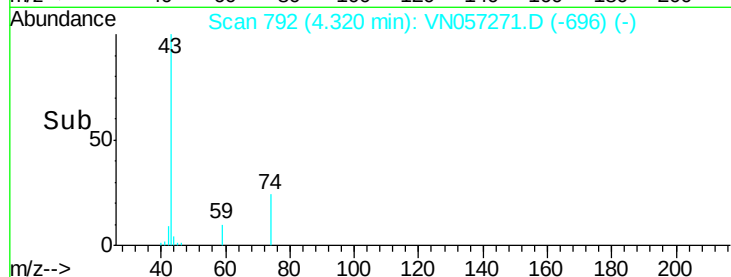
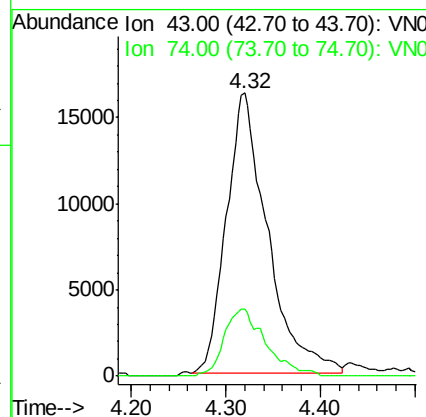
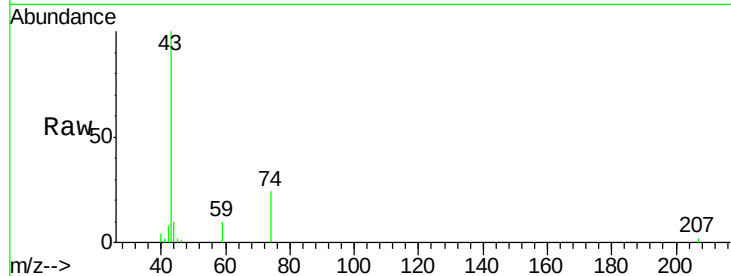
#18
Methvl Acetate
Concen: 2.590 ug/l
RT: 4.32 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN057271.D
Acq: 14 Aug 2019 1:29

Instrument :
MSVOA_N
ClientSampleId :
R1-R2-C4-(4.3)

Tot Ion: 43 Resp: 49333
Ion Ratio Lower Upper
43 100
74 23.6 20.6 31.0

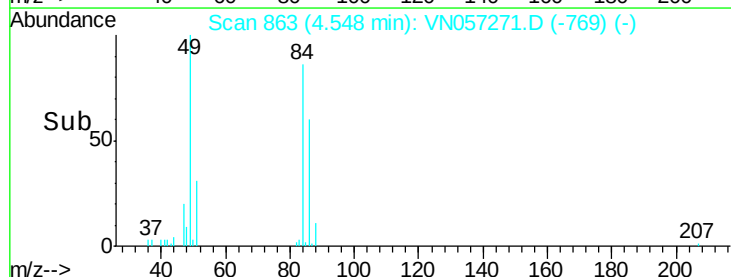
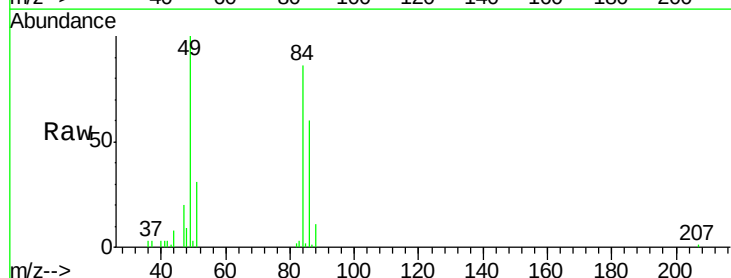
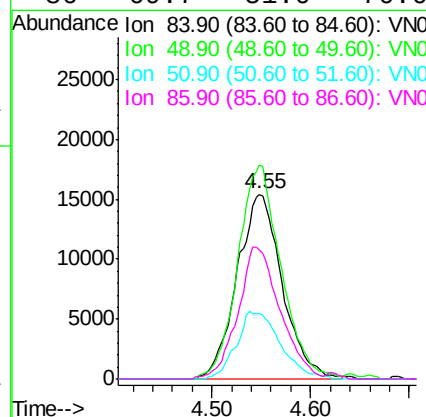
Manual Integrations
APPROVED

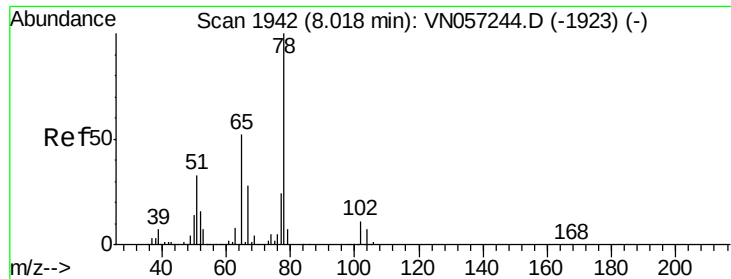
MMDadoda
8/14/2019 12:28:53 PM



#20
Methylene Chloride
Concen: 3.228 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN057271.D
Acq: 14 Aug 2019 1:29

Tgt Ion: 84 Resp: 48852
Ion Ratio Lower Upper
84 100
49 115.6 85.9 128.9
51 35.6 27.1 40.7
86 69.7 51.0 76.6





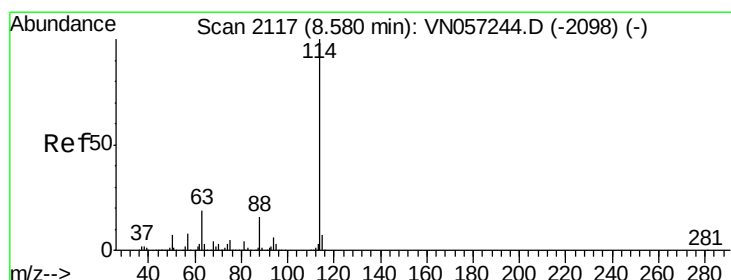
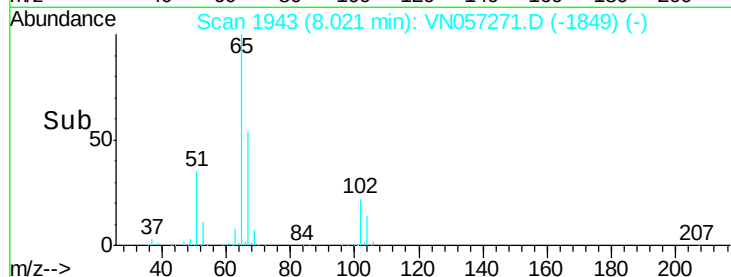
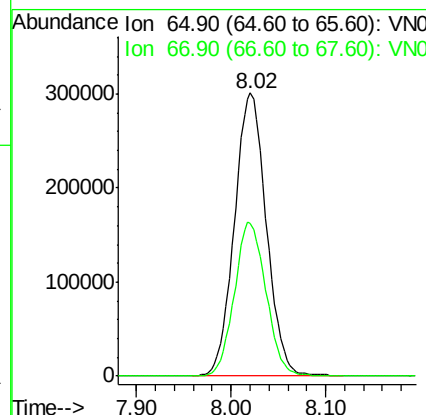
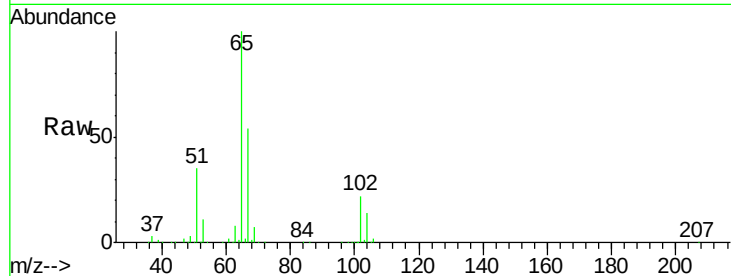
#33
 1,2-Dichloroethane-d4
 Concen: 46.697 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN057271.D
 Acq: 14 Aug 2019 1:29

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C4-(4.3)

Tot Ion	Ratio	Resp	Lower	Upper
65	100	705620		
67	53.9	0.0	107.0	

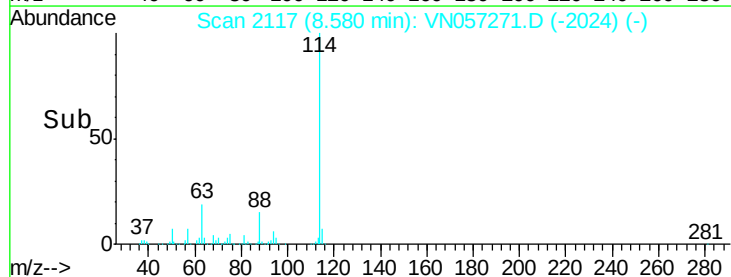
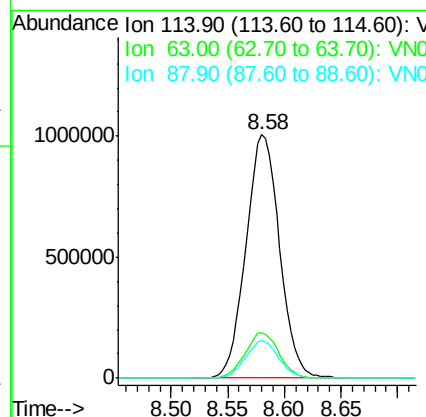
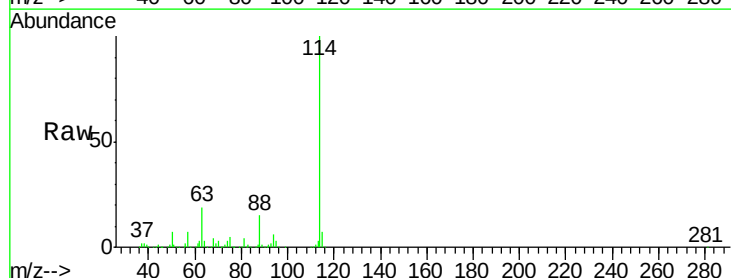
Manual Integrations
 APPROVED

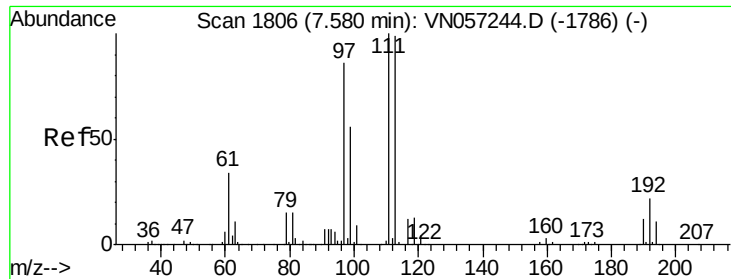
MMDadoda
 8/14/2019 12:28:53 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN057271.D
 Acq: 14 Aug 2019 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	2082994		
63	18.8	0.0	37.0	
88	15.4	0.0	31.0	





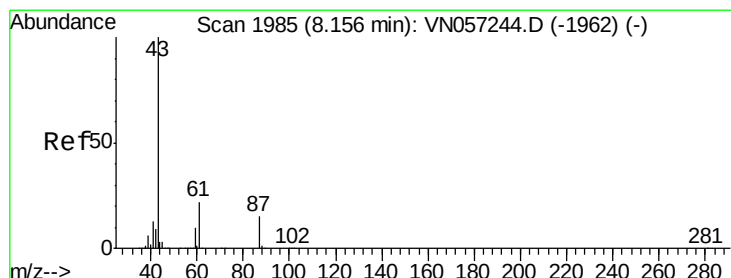
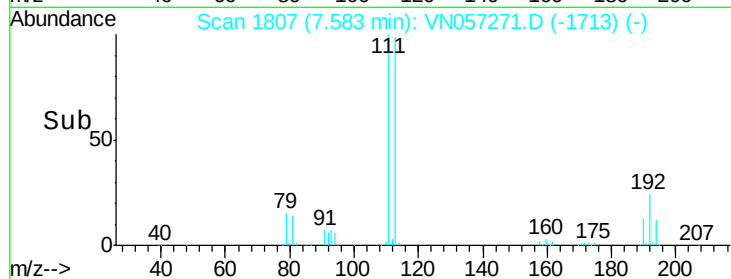
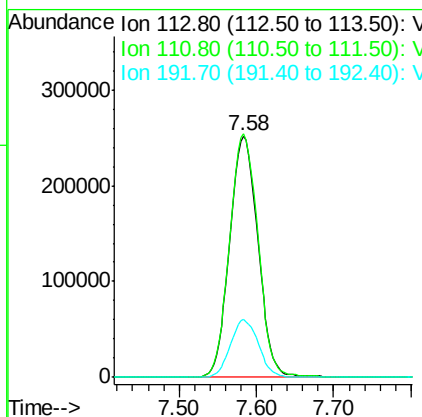
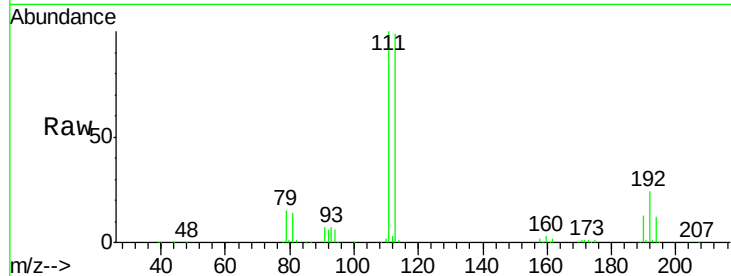
#35
 Dibromofluoromethane
 Concen: 48.059 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057271.D
 Acq: 14 Aug 2019 1:29

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C4-(4.3)

Tot Ion	Ratio	Resp	Lower	Upper
113	100	639195		
111	101.3	81.4	122.2	
192	23.6	18.8	28.2	

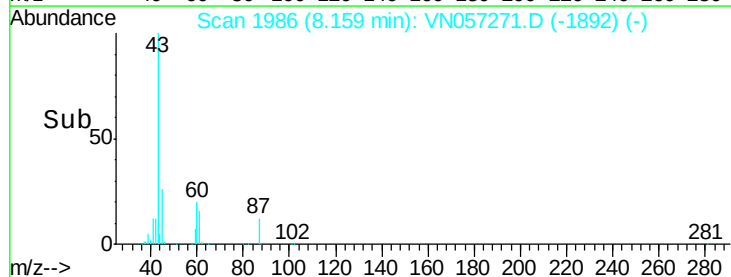
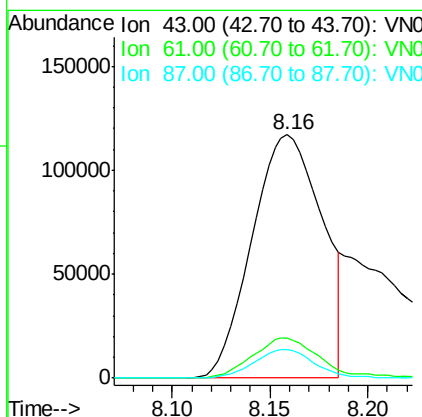
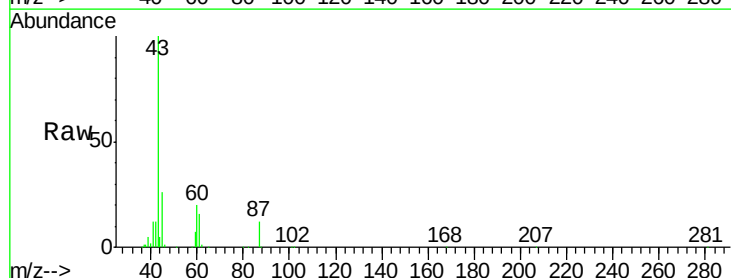
Manual Integrations
 APPROVED

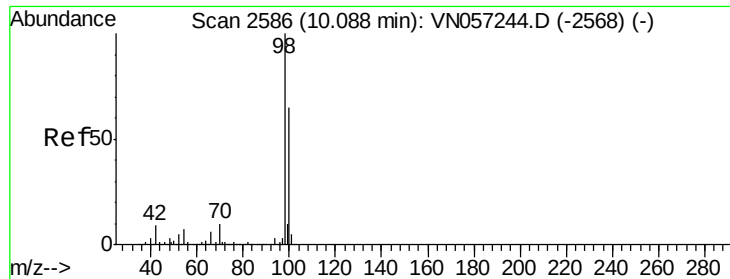
MMDadoda
 8/14/2019 12:28:53 PM



#43
 Isopropyl Acetate
 Concen: 12.094 ug/l m
 RT: 8.16 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN057271.D
 Acq: 14 Aug 2019 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	291533		
61	16.3	23.5	35.3#	
87	10.2	12.1	18.1#	





#50

Toluene-d8

Concen: 50.718 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN057271.D

Acq: 14 Aug 2019 1:29

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C4-(4.3)

Tot Ion: 98 Resp: 2460382

Ion Ratio Lower Upper

98 100

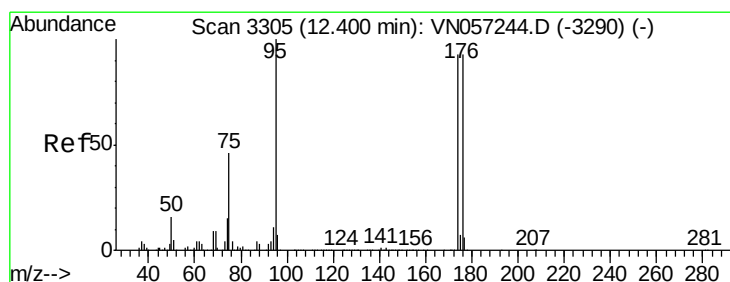
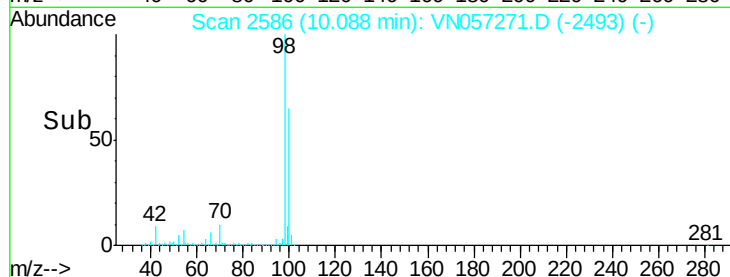
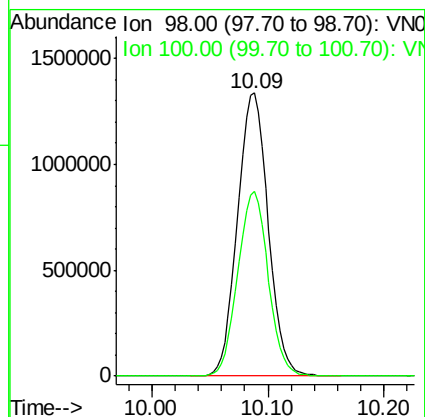
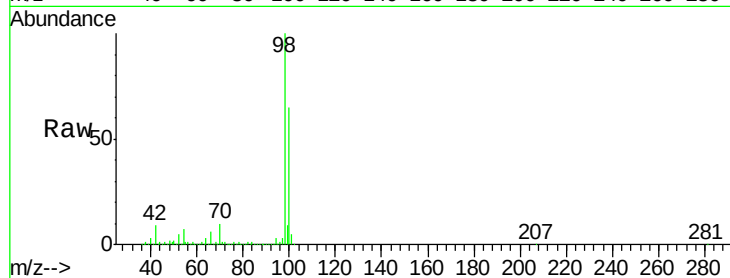
100 64.7 51.8 77.6

Manual Integrations

APPROVED

MMDadoda

8/14/2019 12:28:53 PM



#62

4-Bromofluorobenzene

Concen: 39.866 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057271.D

Acq: 14 Aug 2019 1:29

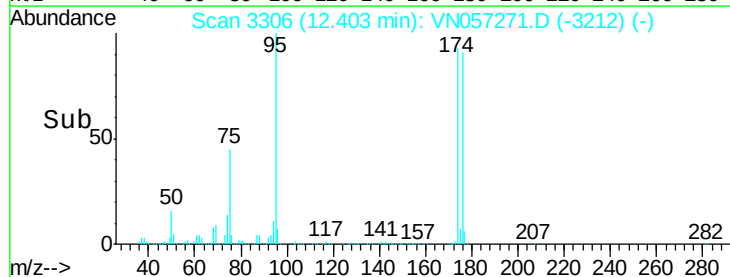
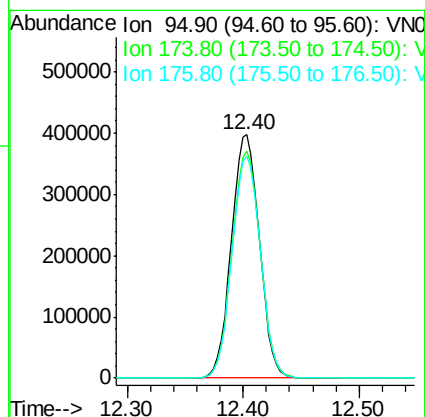
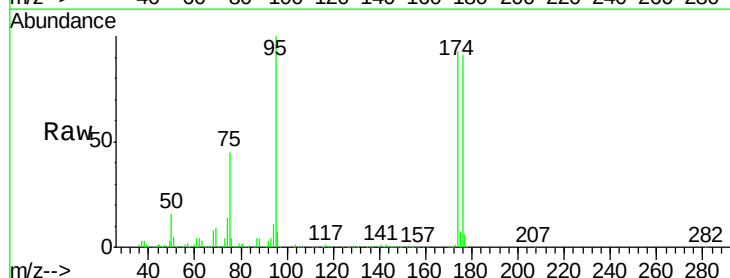
Tgt Ion: 95 Resp: 663239

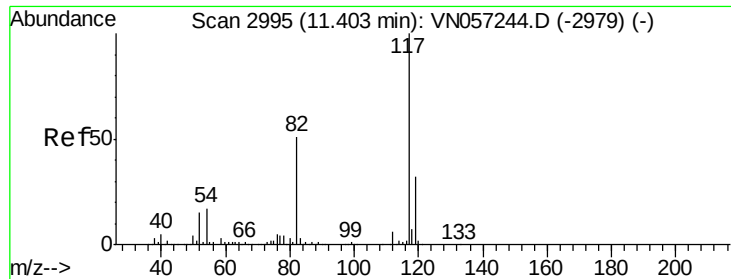
Ion Ratio Lower Upper

95 100

174 94.4 0.0 187.6

176 92.5 0.0 185.8





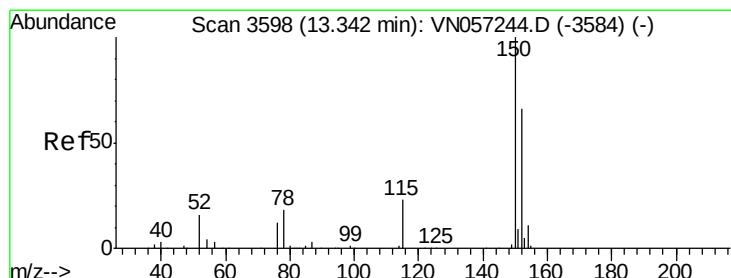
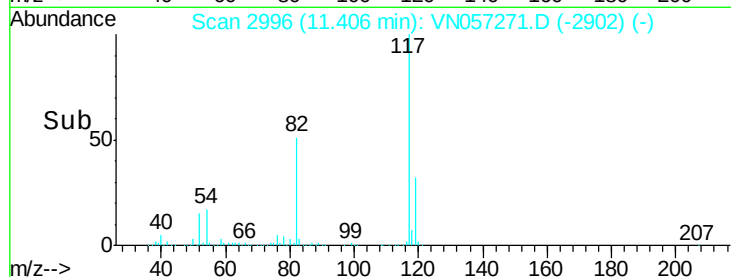
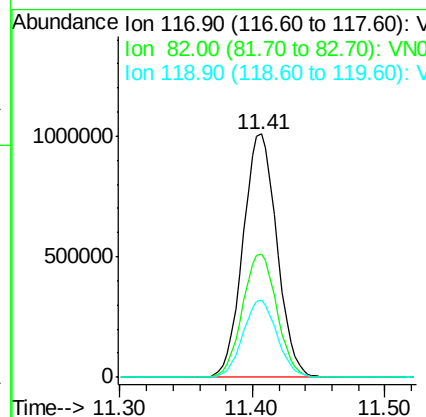
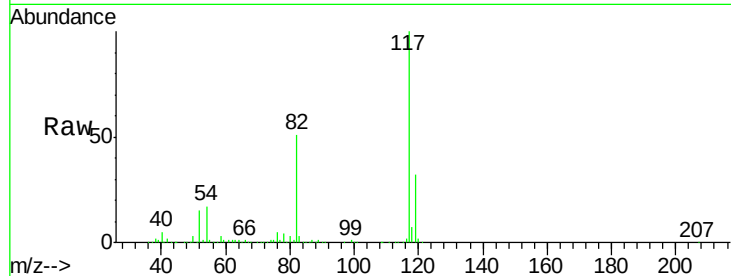
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057271.D
Acq: 14 Aug 2019 1:29

Instrument :
MSVOA_N
ClientSampleId :
R1-R2-C4-(4.3)

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.7	40.9	61.3
119	31.6	25.4	38.2

Manual Integrations
APPROVED

MMDadoda
8/14/2019 12:28:53 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057271.D
Acq: 14 Aug 2019 1:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.6	82.8
150	157.7	0.0	348.4

