

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064713.D
 Acq On : 18 Nov 2020 17:48
 Operator : JC/MD
 Sample : L4706-01ME 10X
 Misc : 1.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-30706-30707-40854ME

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 2:10:56 PM

Quant Time: Nov 18 18:11:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	212477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	419620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	437297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	200134	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	191403	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
35) Dibromofluoromethane	7.55	113	122786	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
50) Toluene-d8	10.06	98	536622	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	12.37	95	224712	55.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.78%	
Target Compounds						
					Qvalue	
16) Acetone	3.77	43	5576m	11.105	ug/l	
39) Methylcyclohexane	9.04	83	13491	3.527	ug/l #	87
52) Toluene	10.12	92	1402208	189.271	ug/l	99
67) Ethyl Benzene	11.48	91	86202	5.256	ug/l	99
68) m/p-Xylenes	11.59	106	162832	27.518	ug/l	100
69) o-Xylene	11.92	106	58943	10.301	ug/l	99
73) Isopropylbenzene	12.22	105	20869	1.469	ug/l	97
78) n-propylbenzene	12.56	91	91071	5.503	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	98042	8.306	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	245930	20.414	ug/l	99
85) sec-Butylbenzene	13.14	105	6195m	0.509	ug/l	
86) p-Isopropyltoluene	13.26	119	4324	0.386	ug/l	87
89) n-Butylbenzene	13.59	91	7396	0.708	ug/l #	81

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

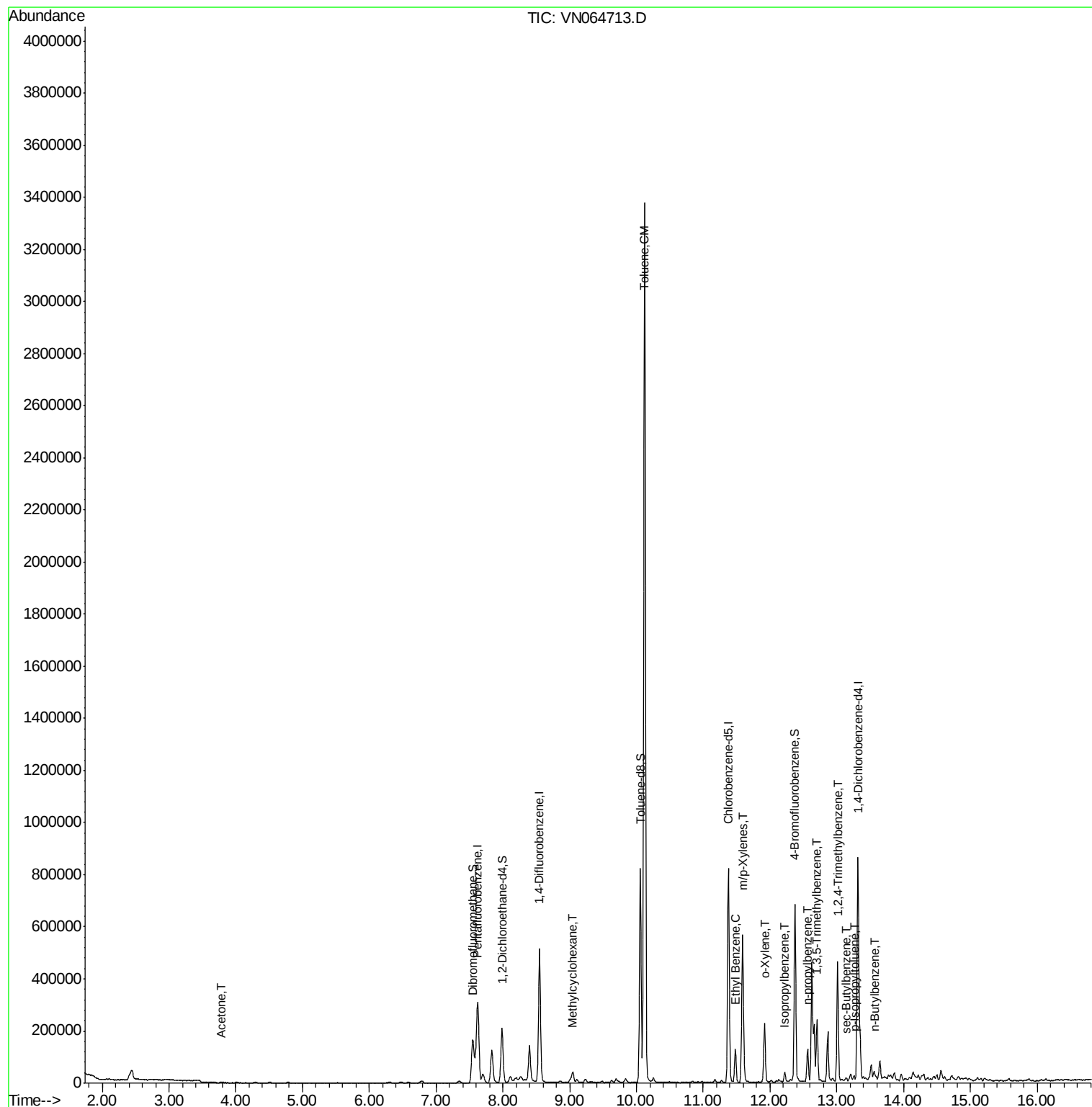
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111820\
Data File : VN064713.D
Acq On : 18 Nov 2020 17:48
Operator : JC/MD
Sample : L4706-01ME 10X
Misc : 1.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 16 Sample Multiplier: 1

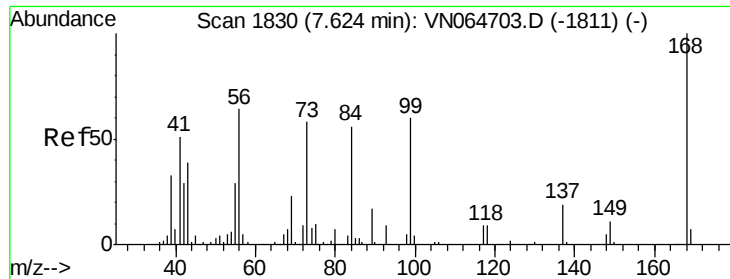
Instrument :
MSVOA_N
ClientSampleId :
COMP-30706-30707-40854ME

Manual Integrations
APPROVED

MMDadoda
11/19/2020 2:10:56 PM

Quant Time: Nov 18 18:11:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 18 15:29:54 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064713.D

Acq: 18 Nov 2020 17:48

Instrument :

MSVOA_N

ClientSampleId :

COMP-30706-30707-40854ME

Tot Ion:168 Resp: 212477

Ion Ratio Lower Upper

168 100

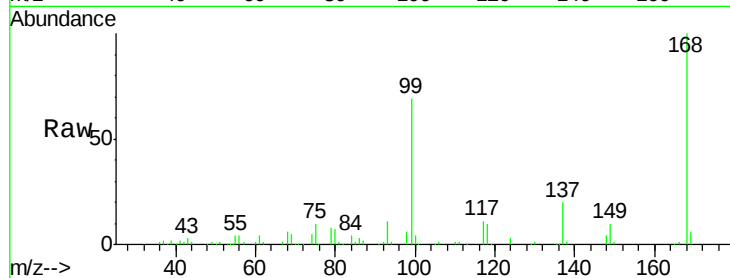
99 68.7 55.7 83.5

Manual Integrations

APPROVED

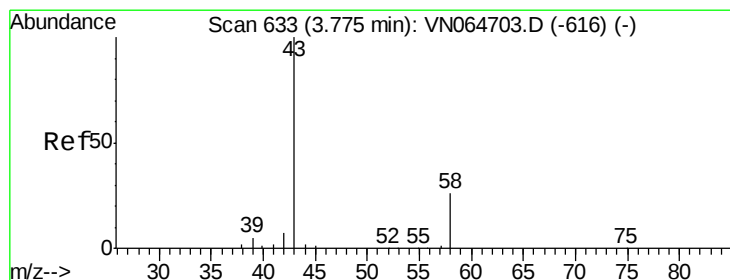
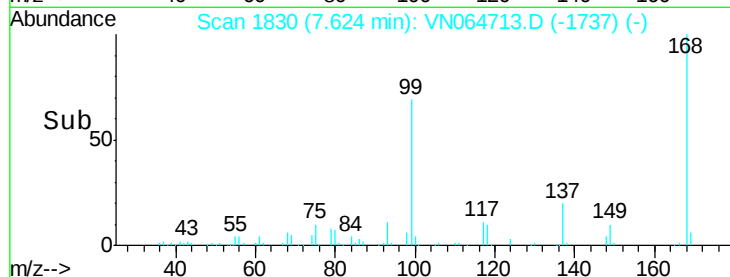
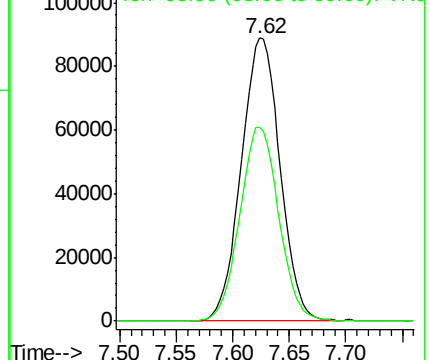
MMDadoda

11/19/2020 2:10:56 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 11.105 ug/l m

RT: 3.77 min Scan# 631

Delta R.T. -0.01 min

Lab File: VN064713.D

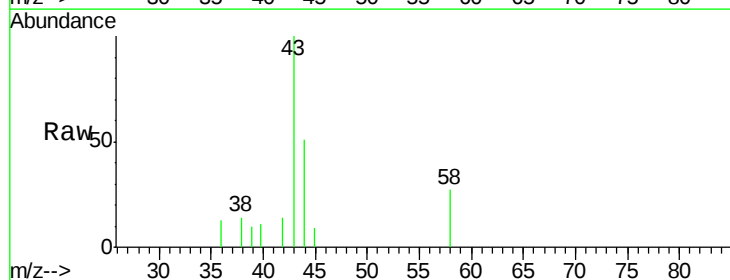
Acq: 18 Nov 2020 17:48

Tgt Ion: 43 Resp: 5576

Ion Ratio Lower Upper

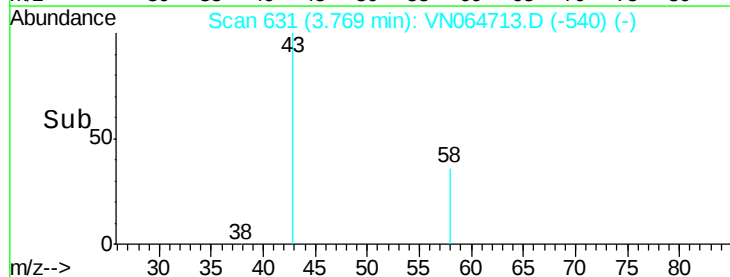
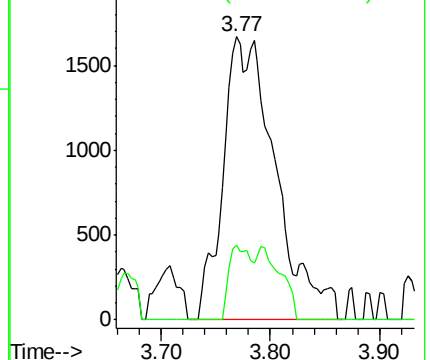
43 100

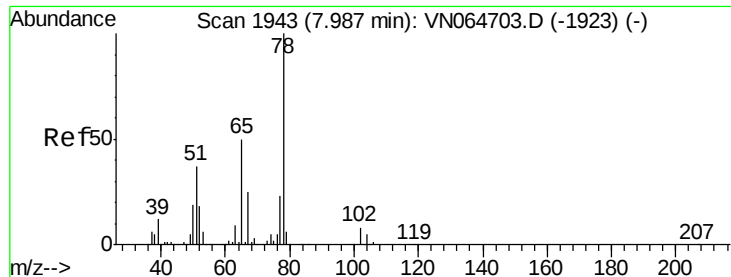
58 26.6 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





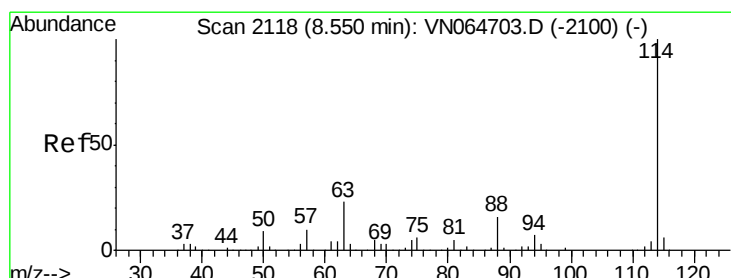
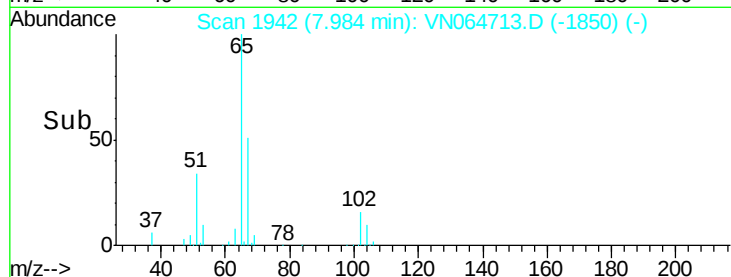
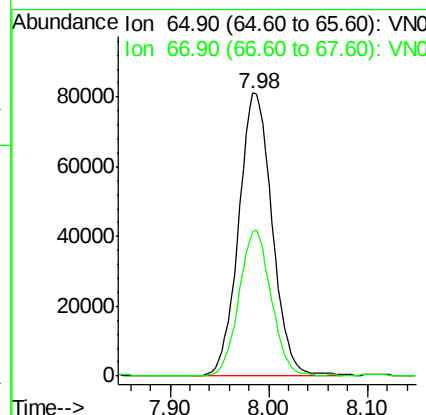
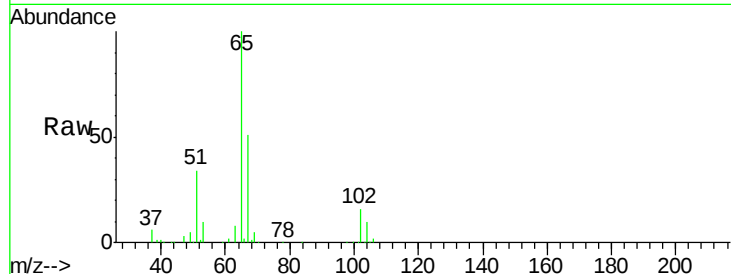
#33
 1,2-Dichloroethane-d4
 Concen: 51.207 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064713.D
 Acq: 18 Nov 2020 17:48

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-30706-30707-40854ME

Tot Ion	Ratio	Resp	Lower	Upper
65	100	191403		
67	49.5	0.0	99.8	

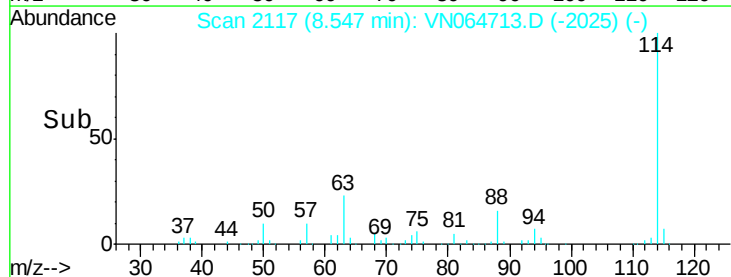
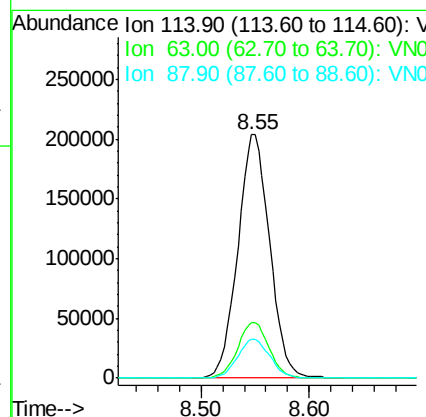
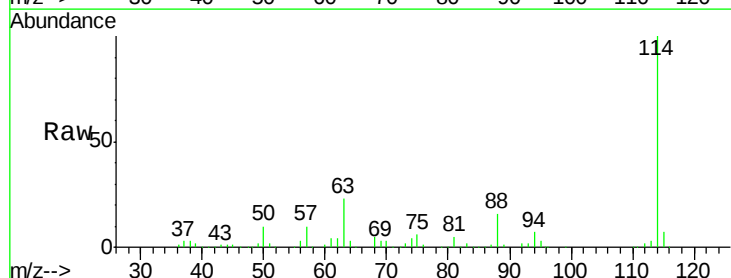
Manual Integrations
 APPROVED

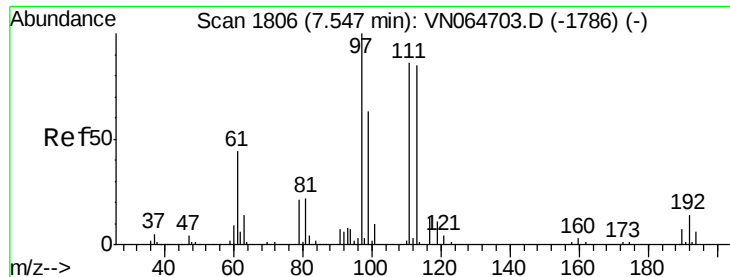
MMDadoda
 11/19/2020 2:10:56 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064713.D
 Acq: 18 Nov 2020 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	419620		
63	23.0	0.0	46.0	
88	16.0	0.0	31.2	





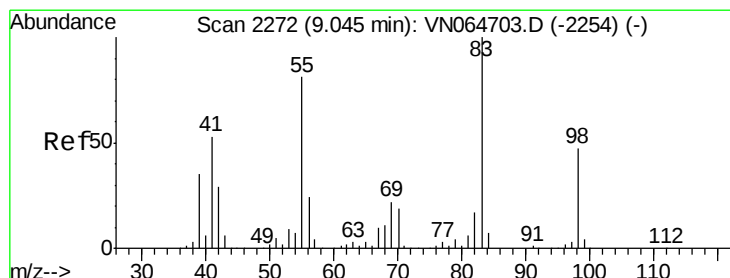
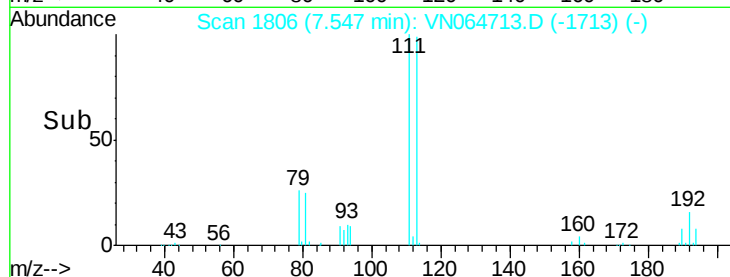
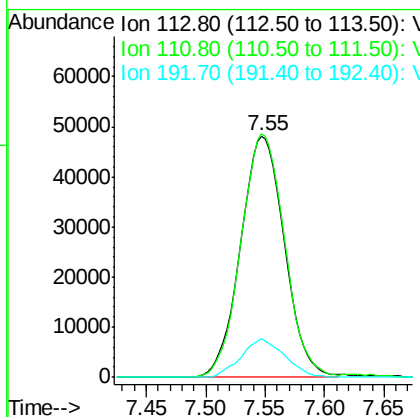
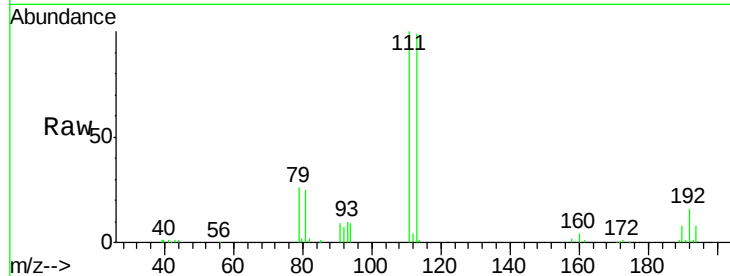
#35
Dibromofluoromethane
Concen: 51.410 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN064713.D
Acq: 18 Nov 2020 17:48

Instrument :
MSVOA_N
ClientSampleId :
COMP-30706-30707-40854ME

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	100.5	82.2	123.4	
192	15.8	12.7	19.1	

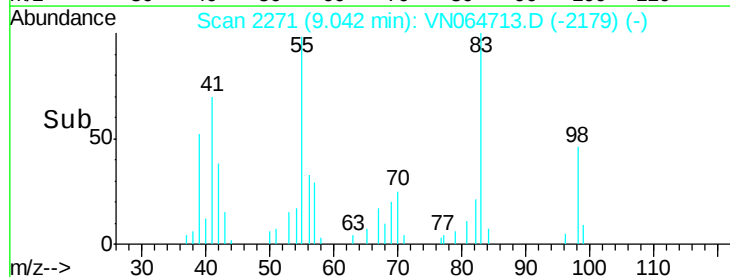
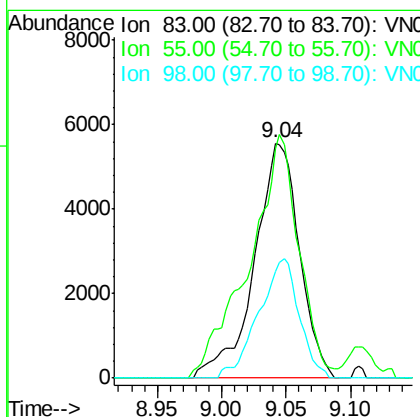
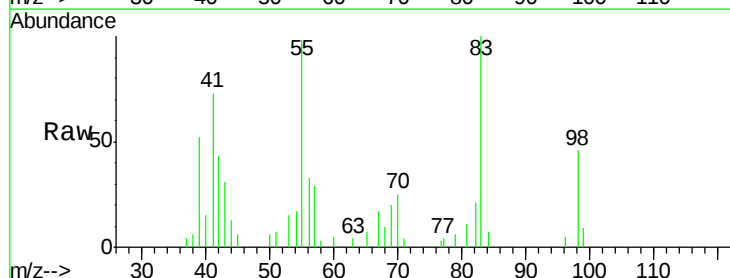
Manual Integrations
APPROVED

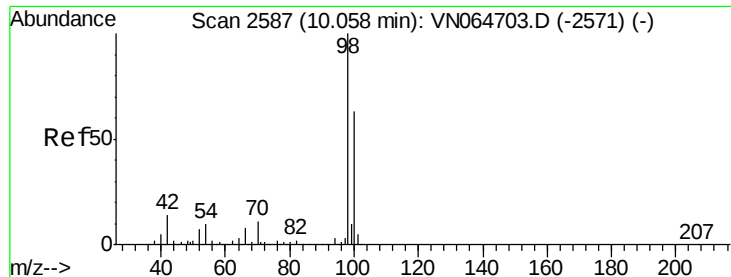
MMDadoda
11/19/2020 2:10:56 PM



#39
Methylcyclohexane
Concen: 3.527 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN064713.D
Acq: 18 Nov 2020 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
55	97.8	64.6	97.0#	
98	45.5	37.7	56.5	





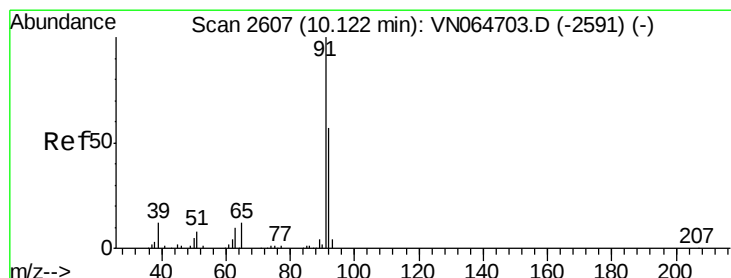
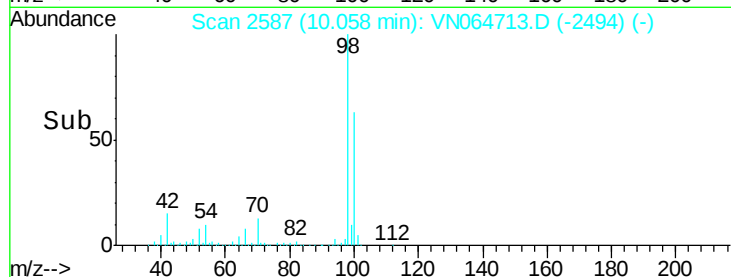
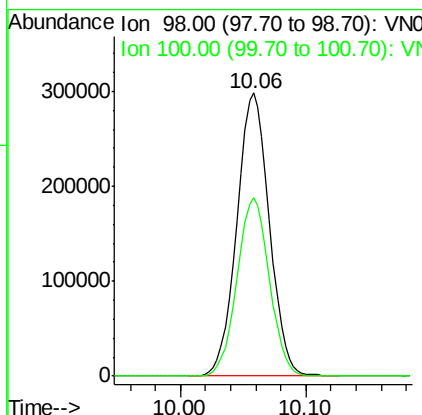
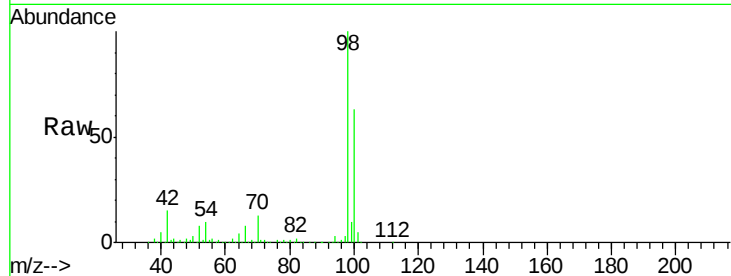
#50
Toluene-d8
Concen: 49.437 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064713.D
Acq: 18 Nov 2020 17:48

Instrument :
MSVOA_N
ClientSampleId :
COMP-30706-30707-40854ME

Tot Ion: 98 Resp: 536622
Ion Ratio Lower Upper
98 100
100 62.7 50.4 75.6

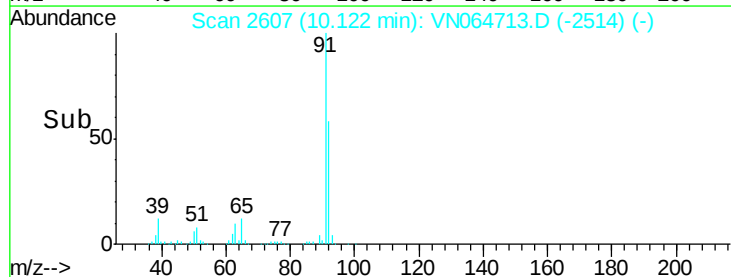
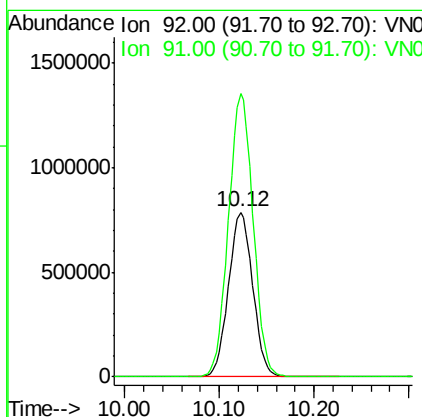
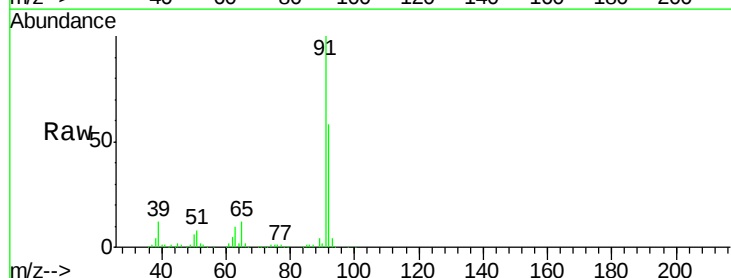
Manual Integrations
APPROVED

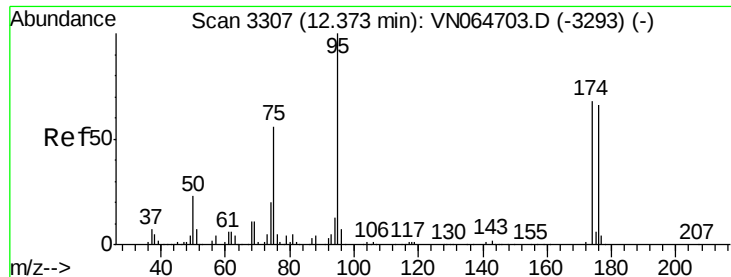
MMDadoda
11/19/2020 2:10:56 PM



#52
Toluene
Concen: 189.271 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN064713.D
Acq: 18 Nov 2020 17:48

Tgt Ion: 92 Resp: 1402208
Ion Ratio Lower Upper
92 100
91 174.8 141.2 211.8





#62

4-Bromofluorobenzene

Concen: 55.385 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064713.D

Acq: 18 Nov 2020 17:48

Instrument :

MSVOA_N

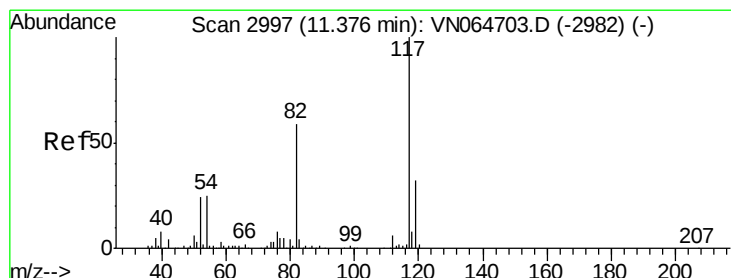
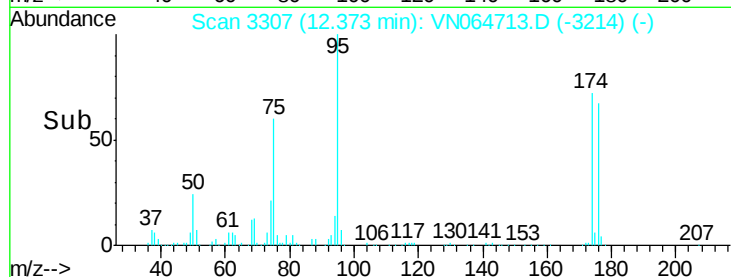
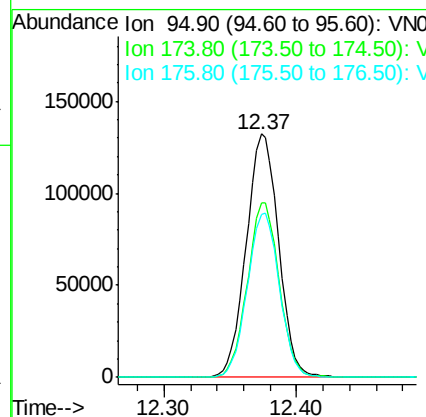
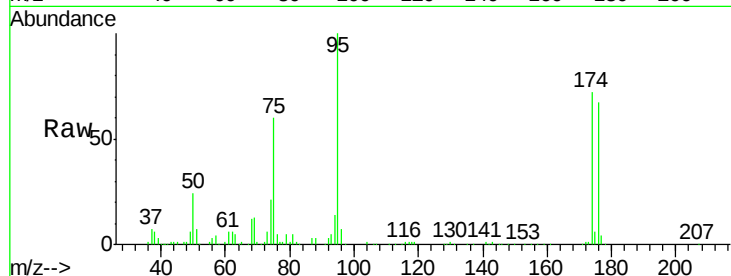
ClientSampleId :

COMP-30706-30707-40854ME

Tot Ion:	95	Resp:	224712
Ion Ratio	Lower	Upper	
95	100		
174	70.3	0.0	136.8
176	66.7	0.0	134.2

Manual Integrations
APPROVED

MMDadoda
11/19/2020 2:10:56 PM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

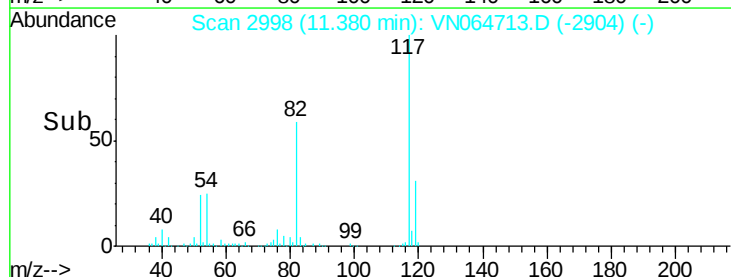
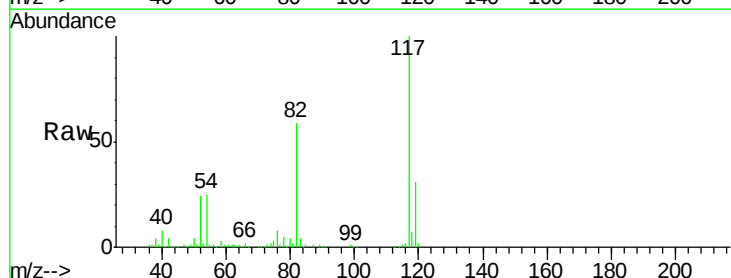
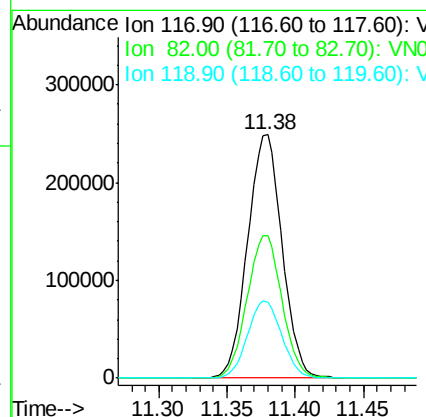
RT: 11.38 min Scan# 2998

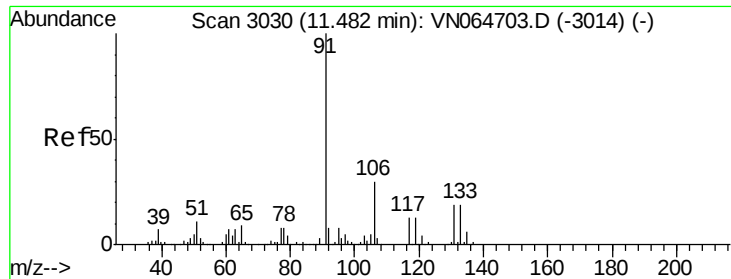
Delta R.T. 0.00 min

Lab File: VN064713.D

Acq: 18 Nov 2020 17:48

Tgt Ion:	117	Resp:	437297
Ion Ratio	Lower	Upper	
117	100		
82	58.6	47.0	70.6
119	31.3	25.4	38.2





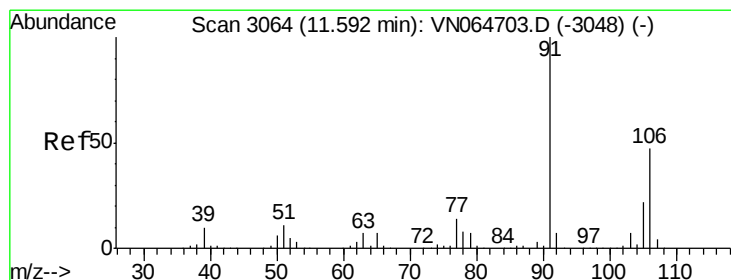
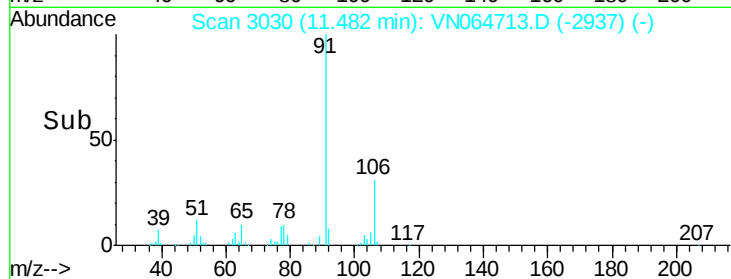
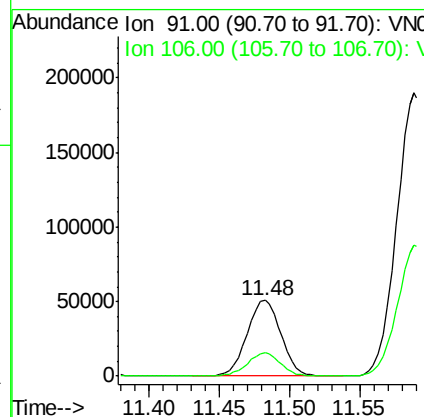
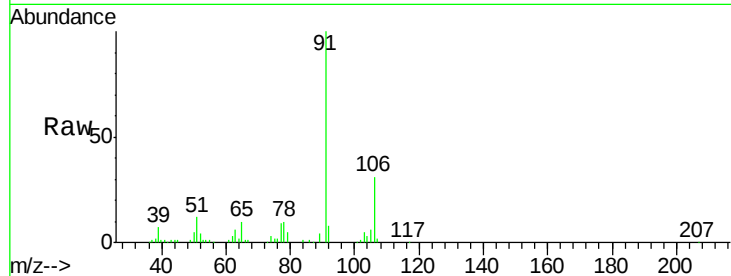
#67
Ethyl Benzene
Concen: 5.256 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064713.D
Acq: 18 Nov 2020 17:48

Instrument :
MSVOA_N
ClientSampleId :
COMP-30706-30707-40854ME

Tot Ion: 91 Resp: 86202
Ion Ratio Lower Upper
91 100
106 30.6 23.9 35.9

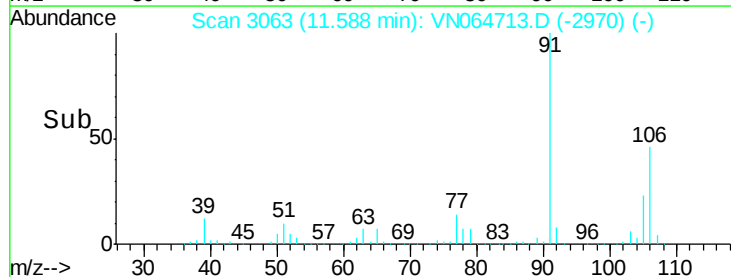
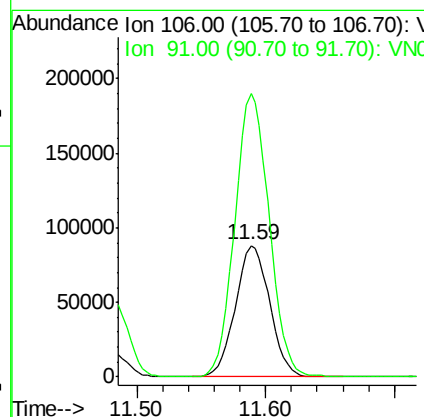
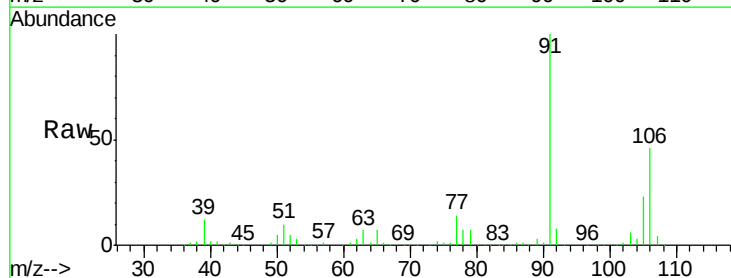
Manual Integrations
APPROVED

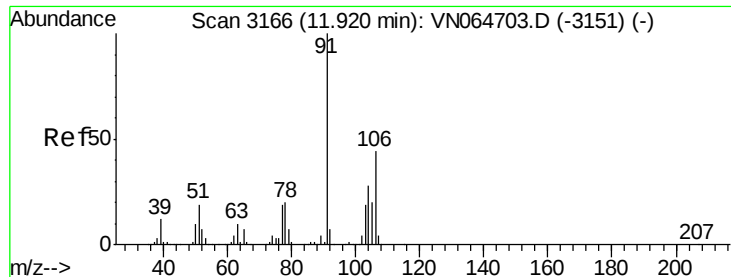
MMDadoda
11/19/2020 2:10:56 PM



#68
m/p-Xylenes
Concen: 27.518 ug/l
RT: 11.59 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN064713.D
Acq: 18 Nov 2020 17:48

Tgt Ion: 106 Resp: 162832
Ion Ratio Lower Upper
106 100
91 215.1 171.9 257.9





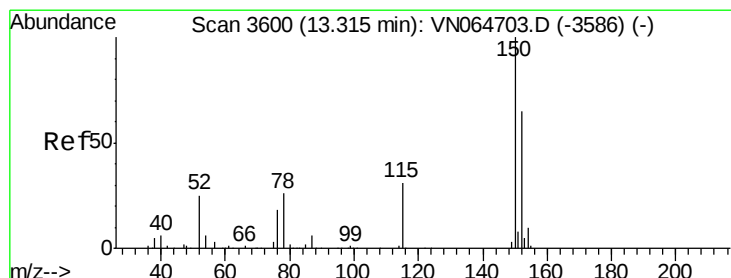
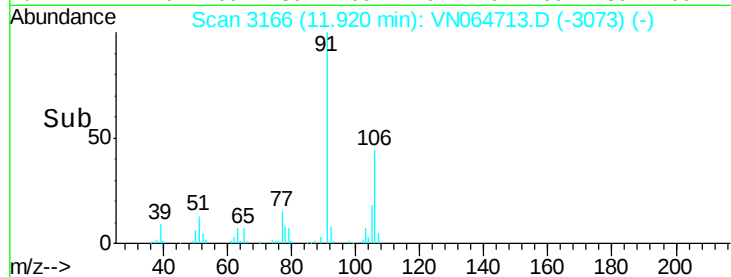
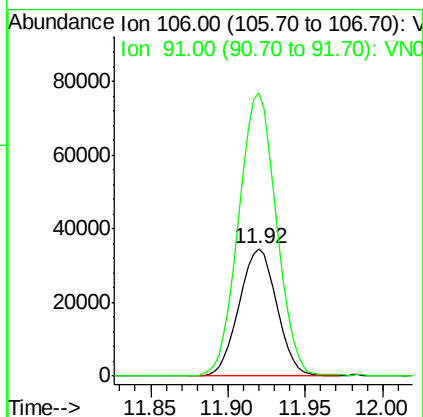
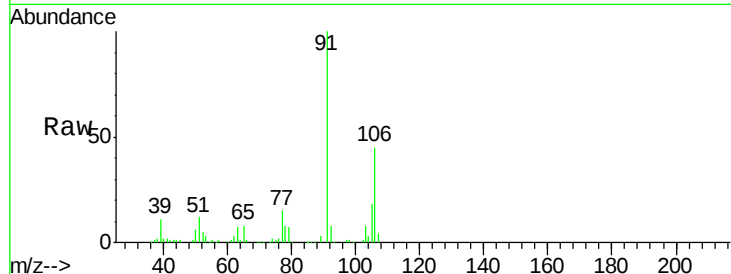
#69
o-Xylene
Concen: 10.301 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064713.D
Acq: 18 Nov 2020 17:48

Instrument :
MSVOA_N
ClientSampleId :
COMP-30706-30707-40854ME

Tot Ion:106 Resp: 58943
Ion Ratio Lower Upper
106 100
91 222.0 112.1 336.3

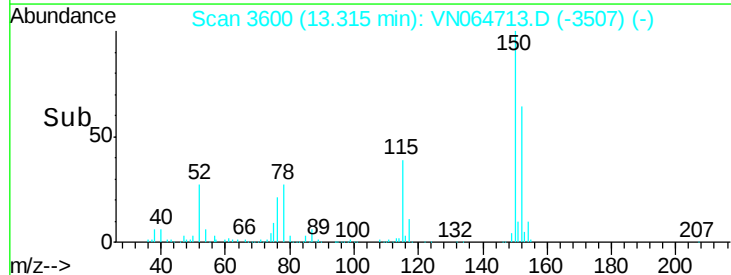
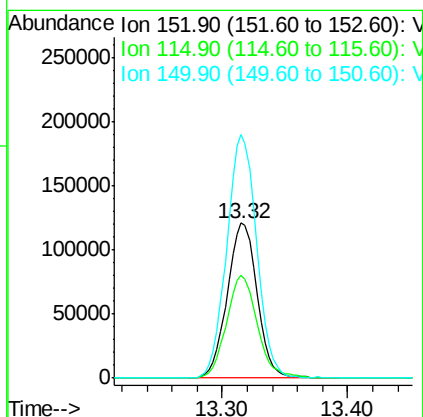
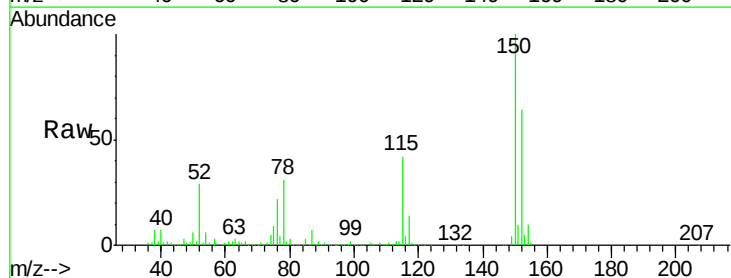
Manual Integrations
APPROVED

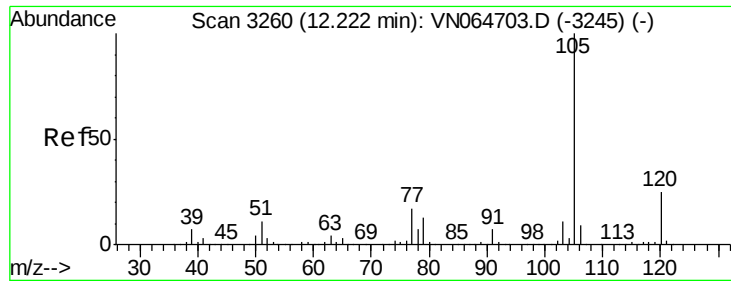
MMDadoda
11/19/2020 2:10:56 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064713.D
Acq: 18 Nov 2020 17:48

Tgt Ion:152 Resp: 200134
Ion Ratio Lower Upper
152 100
115 68.0 32.1 96.3
150 156.9 0.0 344.8





#73

Isopropylbenzene

Concen: 1.469 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064713.D

Acq: 18 Nov 2020 17:48

Instrument :

MSVOA_N

ClientSampleId :

COMP-30706-30707-40854ME

Tot Ion: 105 Resp: 20869

Ion Ratio Lower Upper

105 100

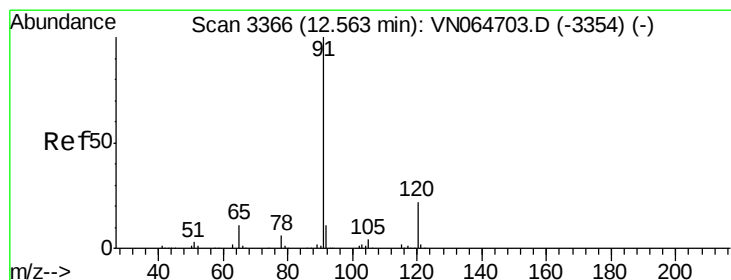
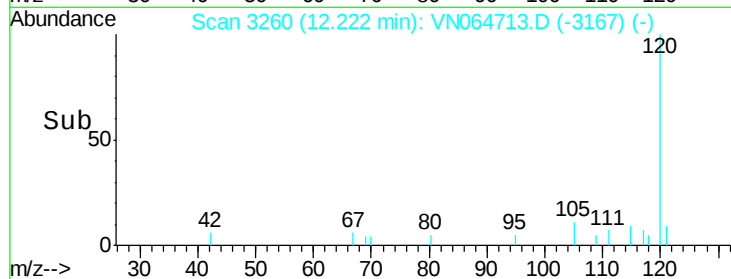
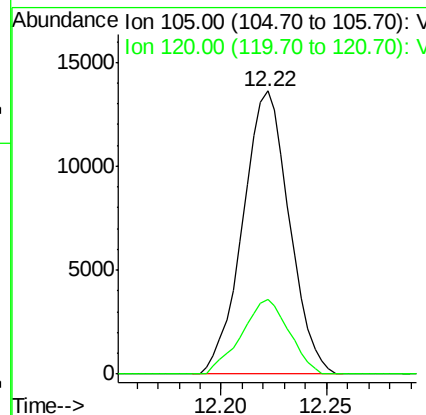
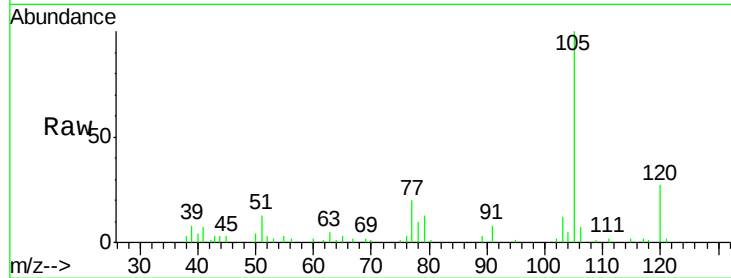
120 26.9 12.8 38.3

Manual Integrations

APPROVED

MMDadoda

11/19/2020 2:10:56 PM



#78

n-propylbenzene

Concen: 5.503 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064713.D

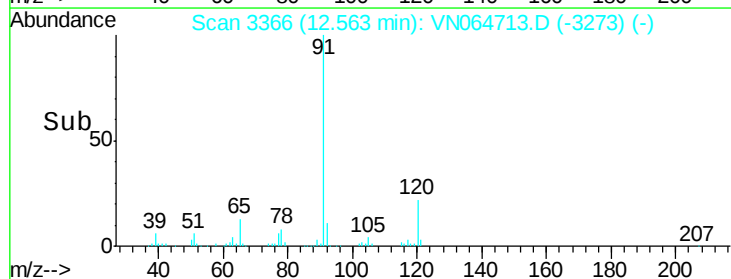
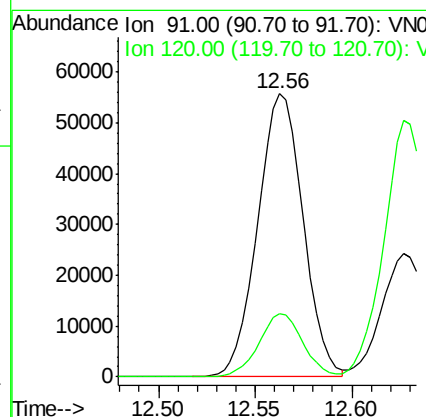
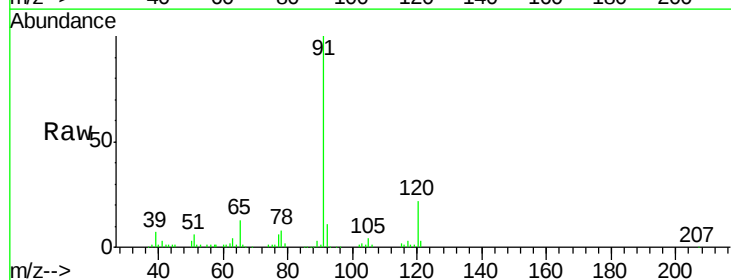
Acq: 18 Nov 2020 17:48

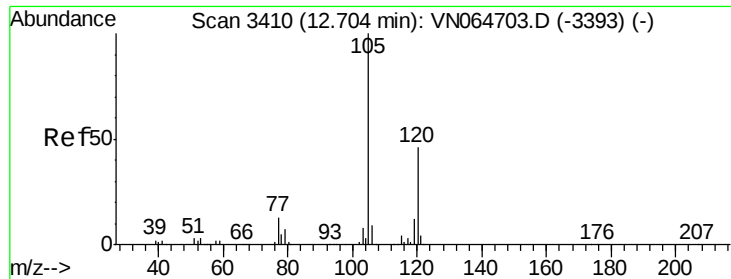
Tgt Ion: 91 Resp: 91071

Ion Ratio Lower Upper

91 100

120 21.6 10.9 32.9





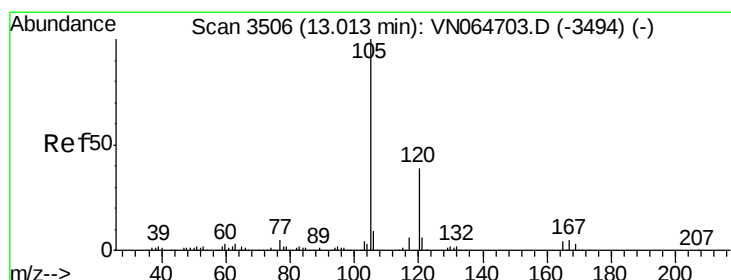
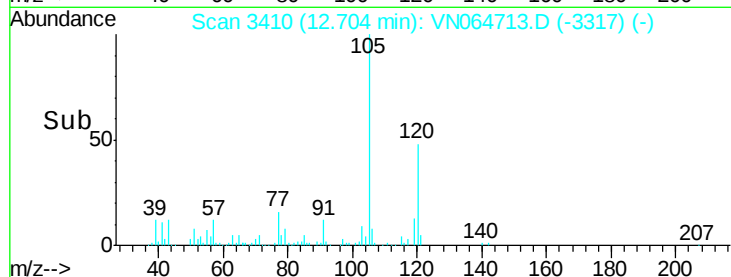
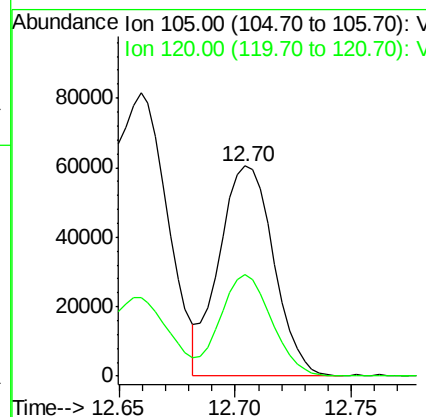
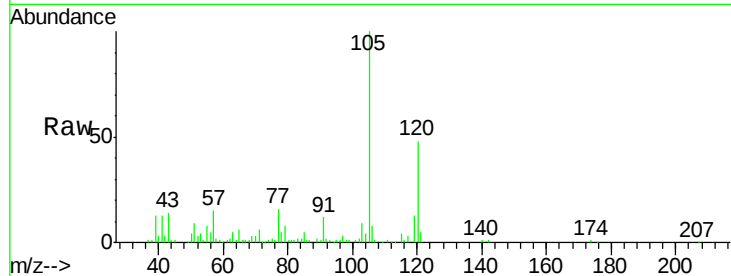
#80
 1,3,5-Trimethylbenzene
 Concen: 8.306 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN064713.D
 Acq: 18 Nov 2020 17:48

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-30706-30707-40854ME

Tot Ion:105 Resp: 98042
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.8

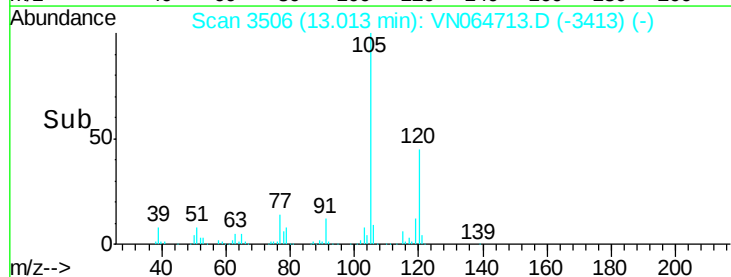
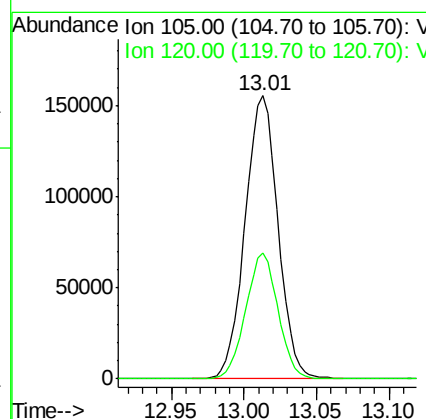
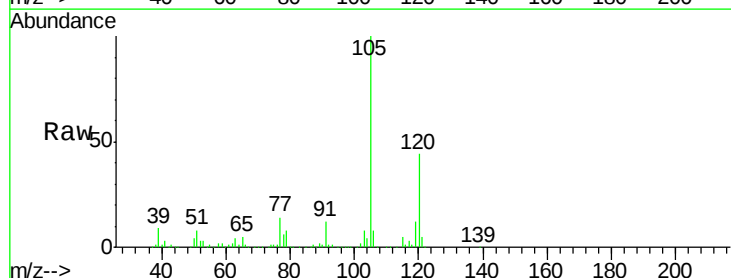
Manual Integrations
 APPROVED

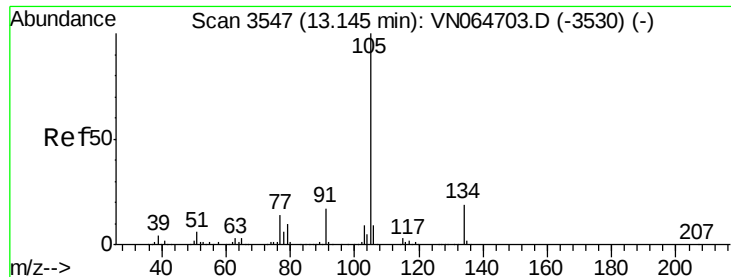
MMDadoda
 11/19/2020 2:10:56 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.414 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064713.D
 Acq: 18 Nov 2020 17:48

Tgt Ion:105 Resp: 245930
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.0 66.0





#85

sec-Butylbenzene

Concen: 0.509 ug/l m

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064713.D

Acq: 18 Nov 2020 17:48

Instrument :

MSVOA_N

ClientSampleId :

COMP-30706-30707-40854ME

Tot Ion:105 Resp: 6195

Ion Ratio Lower Upper

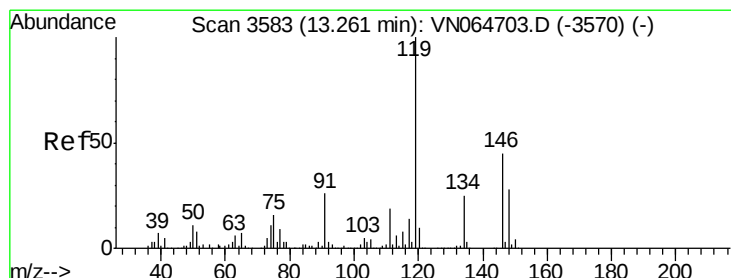
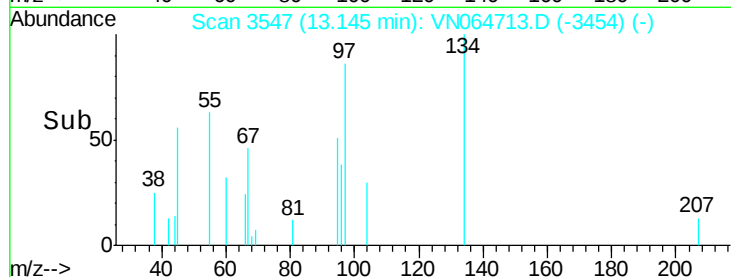
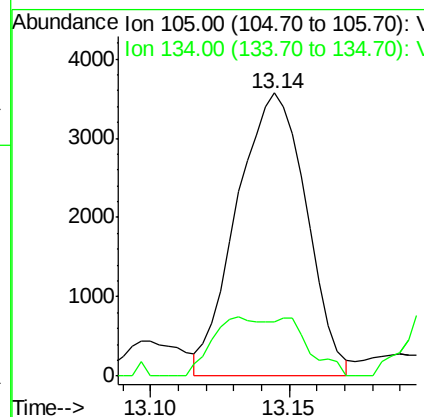
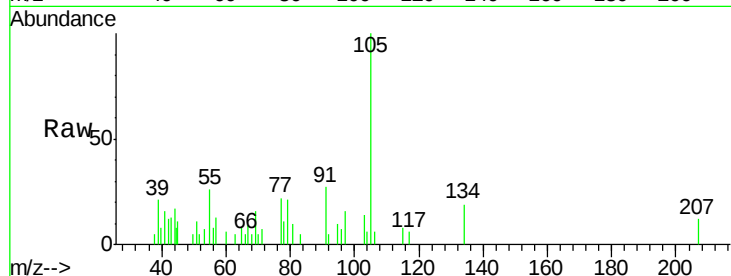
105 100

134 0.0 9.5 28.5#

Manual Integrations
APPROVED

MMDadoda

11/19/2020 2:10:56 PM



#86

p-Isopropyltoluene

Concen: 0.386 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN064713.D

Acq: 18 Nov 2020 17:48

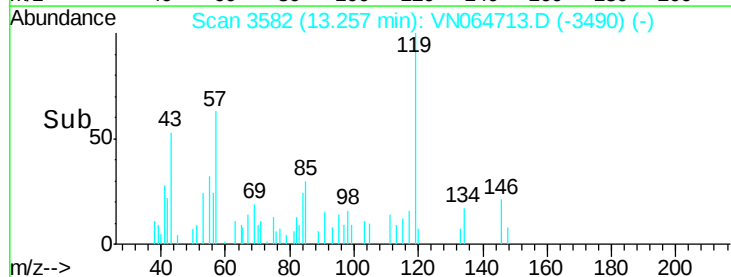
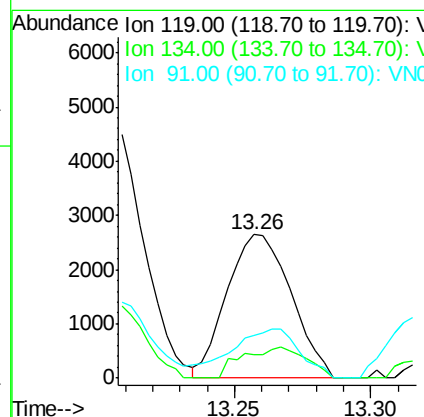
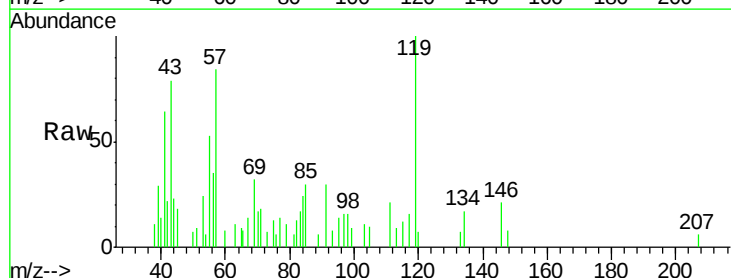
Tgt Ion:119 Resp: 4324

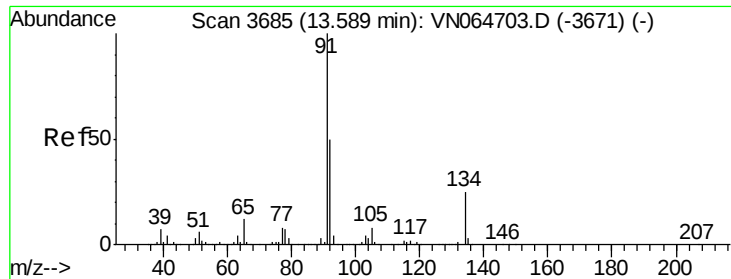
Ion Ratio Lower Upper

119 100

134 21.7 12.7 38.0

91 36.3 13.3 39.8





#89
 n-Butylbenzene
 Concen: 0.708 ug/l
 RT: 13.59 min Scan# 3684
 Delta R.T. -0.00 min
 Lab File: VN064713.D
 Acq: 18 Nov 2020 17:48

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-30706-30707-40854ME

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	24.9	74.8
134	0.0	12.0	36.0

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 2:10:56 PM

