

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX061920\
 Data File : VX016885.D
 Acq On : 19 Jun 2020 17:23
 Operator : JC/SP
 Sample : L3066-07DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DL

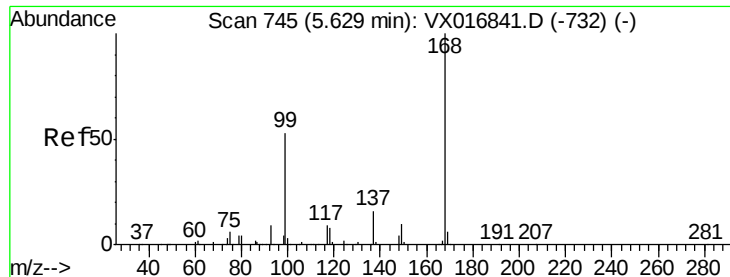
Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 12:23:10 PM

Quant Time: Jun 29 07:24:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	227279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	347631	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	365056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	127900	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	
35) Dibromofluoromethane	5.46	113	116659	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
50) Toluene-d8	8.70	98	433181	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.12	95	189825	55.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.38%	
Target Compounds						
67) Ethyl Benzene	10.24	91	19925	1.598	ug/l	99
68) m/p-Xylenes	10.35	106	15449	3.183	ug/l	100
73) Isopropylbenzene	11.00	105	298340	23.176	ug/l	99
78) n-propylbenzene	11.34	91	578547	40.271	ug/l	99
83) tert-Butylbenzene	11.76	119	33493	3.048	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	646252	56.486	ug/l	97
85) sec-Butylbenzene	11.93	105	140153	10.981	ug/l #	74
86) p-Isopropyltoluene	12.05	119	10372	0.887	ug/l	96
89) n-Butylbenzene	12.37	91	50915m	5.078	ug/l	
95) Naphthalene	13.82	128	31546	2.584	ug/l	96

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



#1

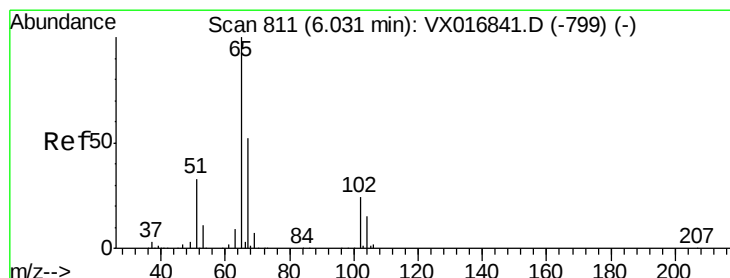
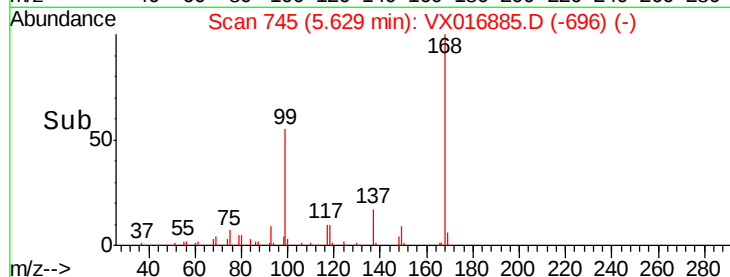
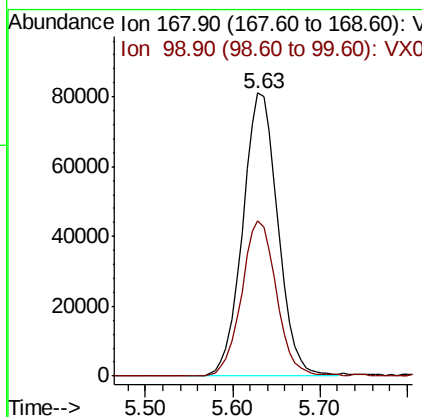
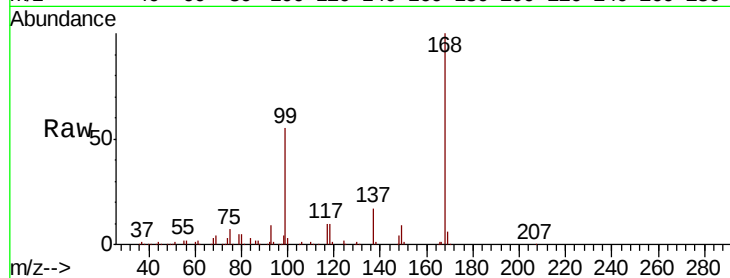
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: VX016885.D
 Acq: 19 Jun 2020 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DL

Tot Ion	Ratio	Lower	Upper
168	100		
99	55.0	42.2	63.2

Manual Integrations
 APPROVED

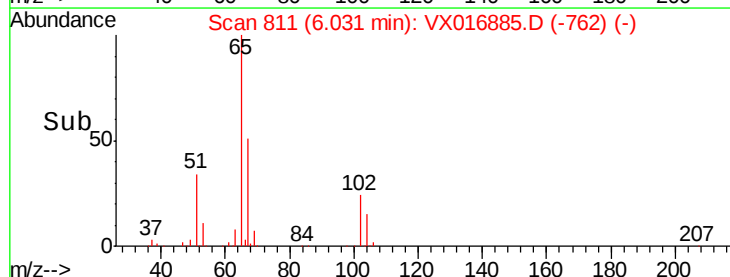
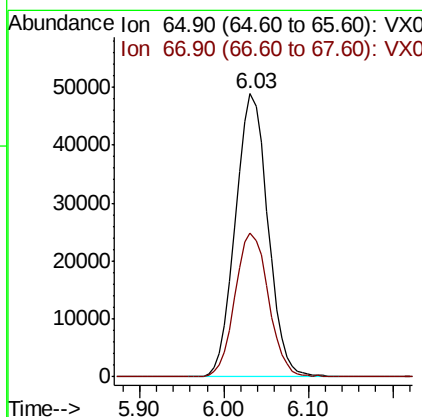
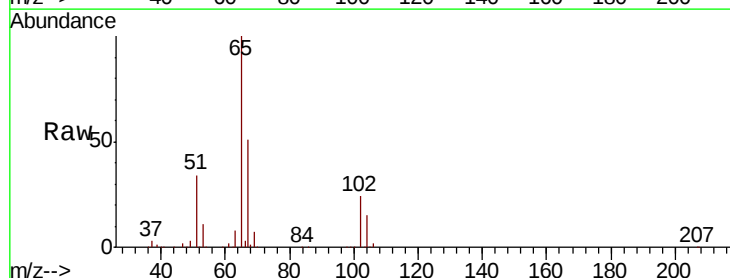
MMDadoda
 6/22/2020 12:23:10 PM

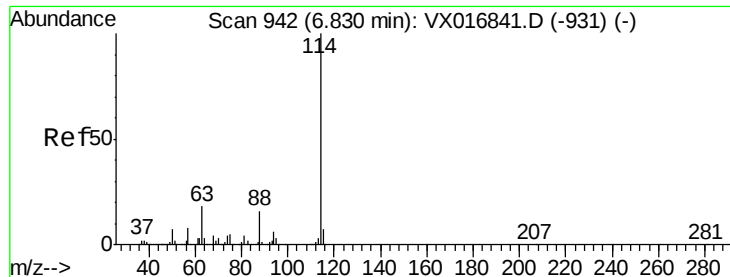


#33

1,2-Dichloroethane-d4
 Concen: 46.791 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016885.D
 Acq: 19 Jun 2020 17:23

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016885.D

Acq: 19 Jun 2020 17:23

Instrument :

MSVOA_X

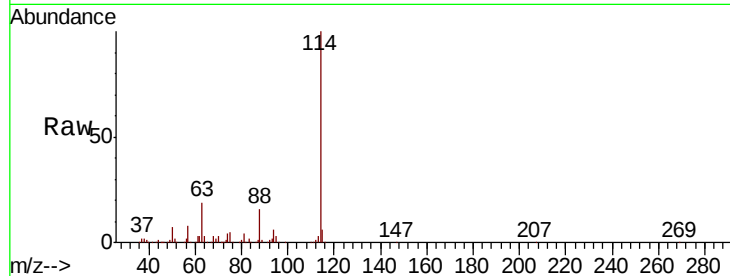
ClientSampleId :

MW-1DL

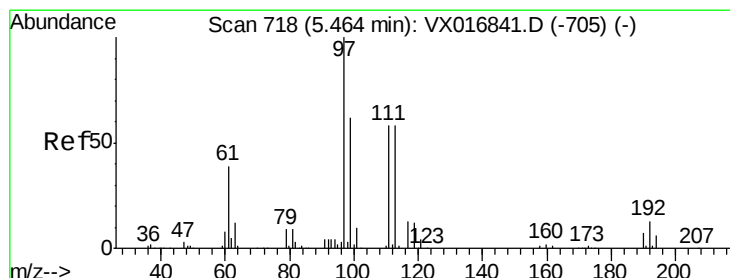
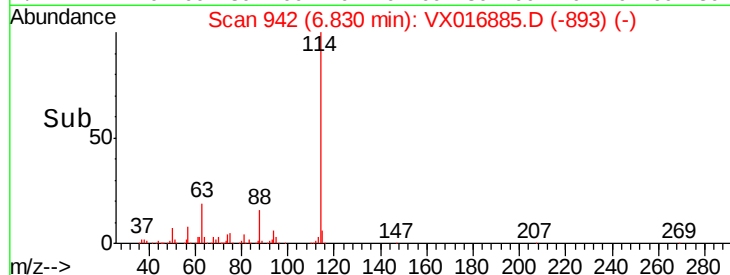
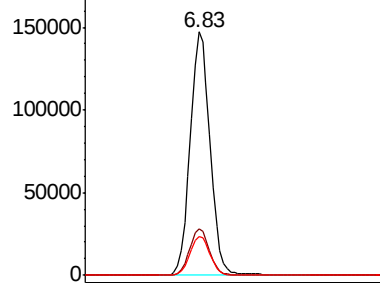
Tot Ion:	114	Resp:	347631
Ion Ratio	Lower	Upper	
114	100		
63	19.1	0.0	37.0
88	15.7	0.0	32.0

Manual Integrations
APPROVED

MMDadoda
6/22/2020 12:23:10 PM



Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 52.459 ug/l

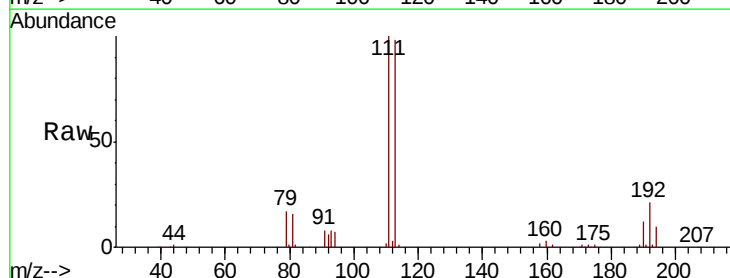
RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

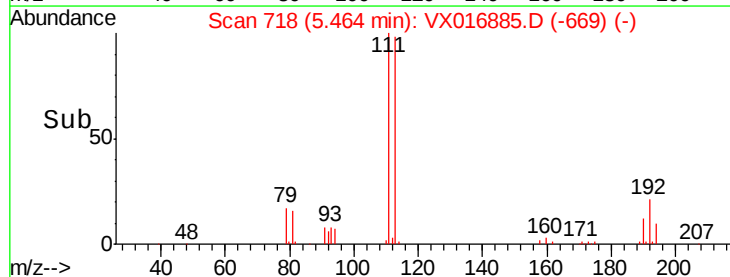
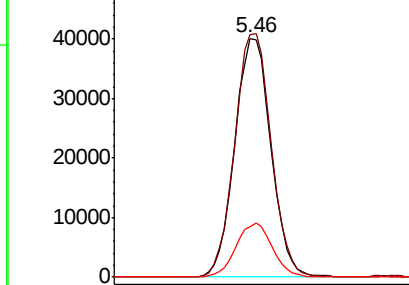
Lab File: VX016885.D

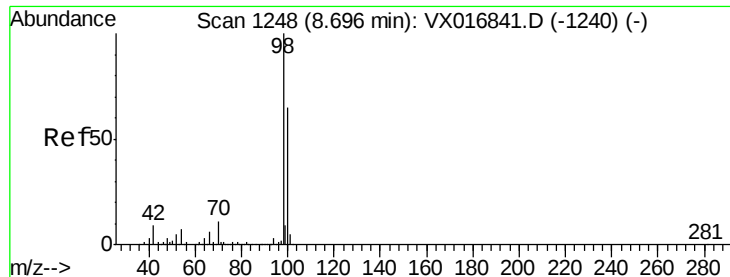
Acq: 19 Jun 2020 17:23

Tgt Ion:	113	Resp:	116659
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.0	121.4
192	22.6	18.5	27.7



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





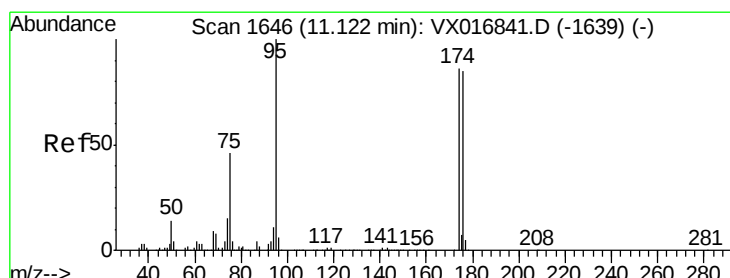
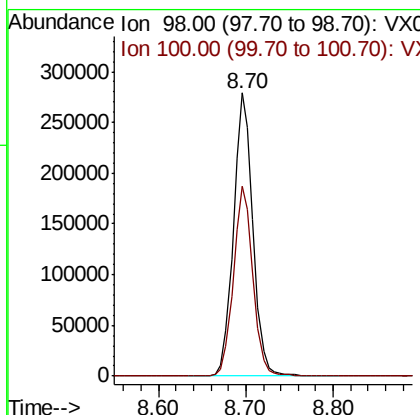
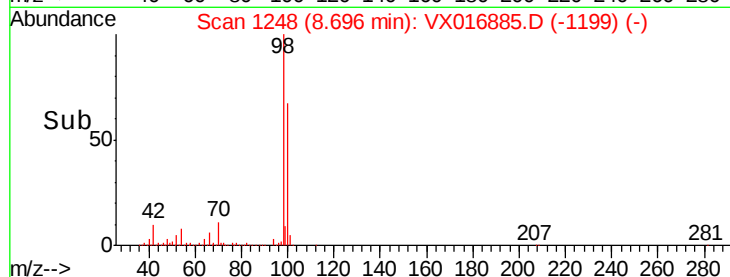
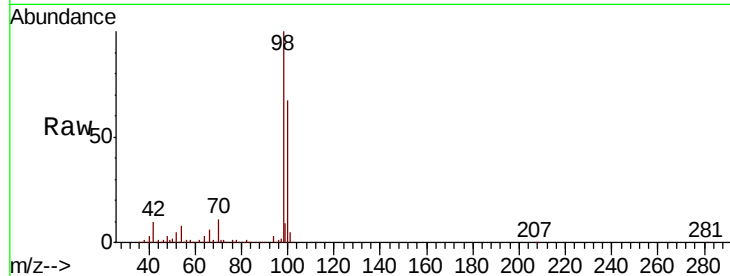
#50
Toluene-d8
Concen: 48.688 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016885.D
Acq: 19 Jun 2020 17:23

Instrument :
MSVOA_X
ClientSampleId :
MW-1DL

Tot Ion	Ion	Ratio	Lower	Upper
98	100			
100	67.3	54.0	81.0	

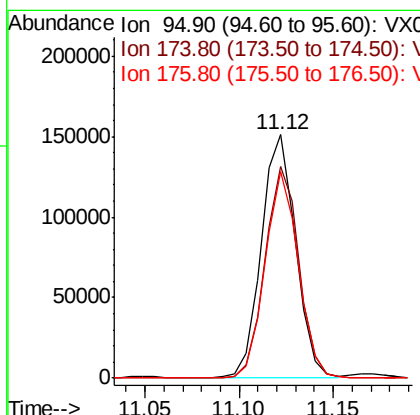
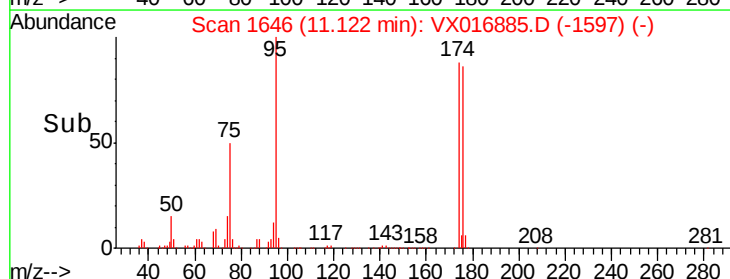
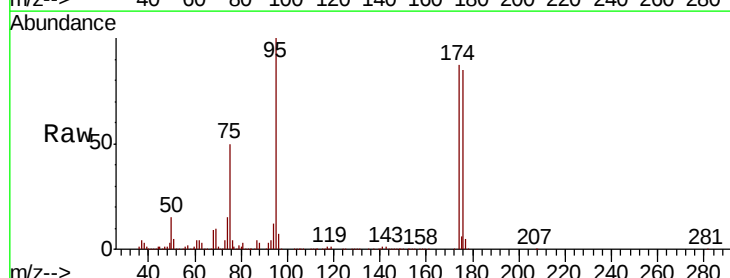
Manual Integrations
APPROVED

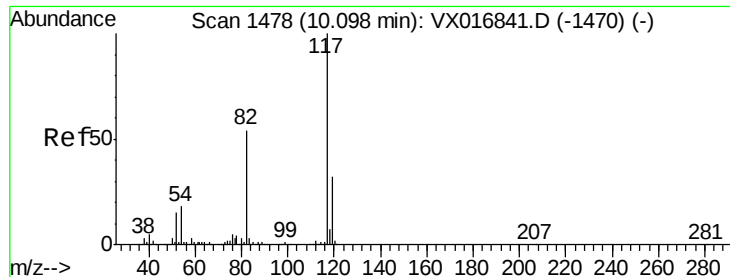
MMDadoda
6/22/2020 12:23:10 PM



#62
4-Bromofluorobenzene
Concen: 55.686 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016885.D
Acq: 19 Jun 2020 17:23

Tgt Ion	Ion	Ratio	Lower	Upper
95	100			
174	86.4	0.0	174.2	
176	82.7	0.0	170.0	





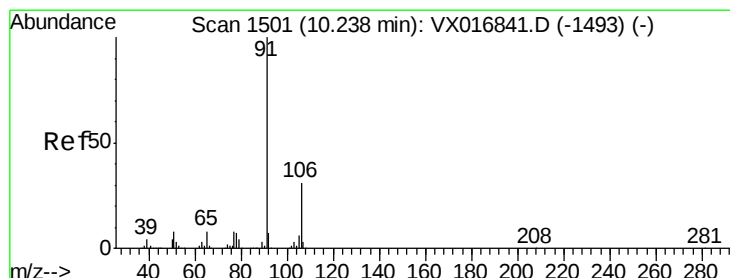
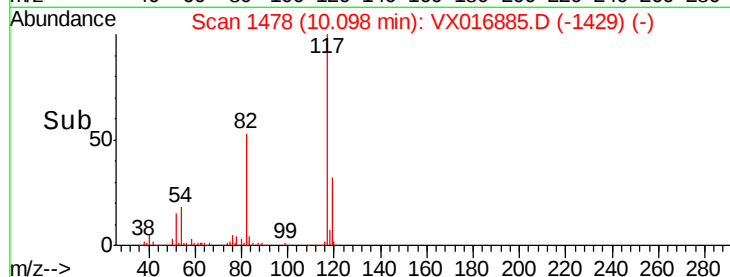
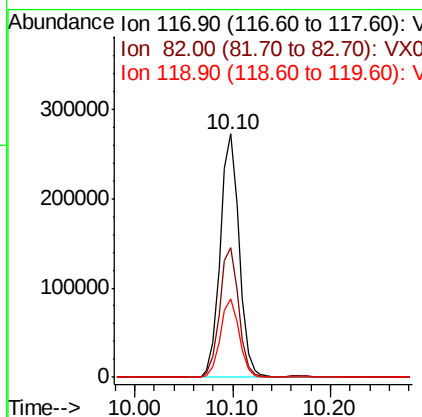
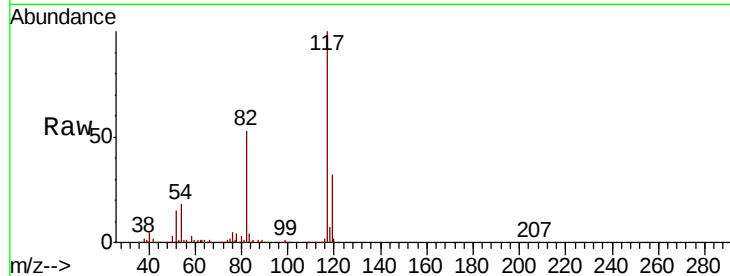
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016885.D
Acq: 19 Jun 2020 17:23

Instrument :
MSVOA_X
ClientSampled :
MW-1DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.4	65.0
119	32.2	25.7	38.5

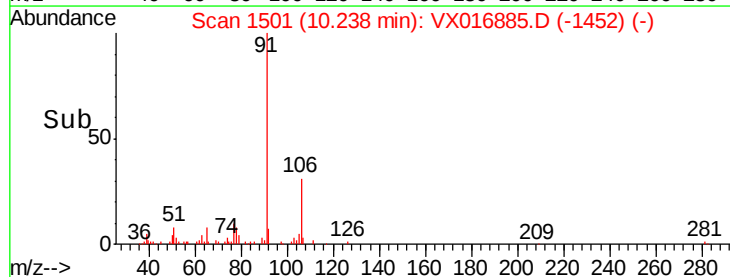
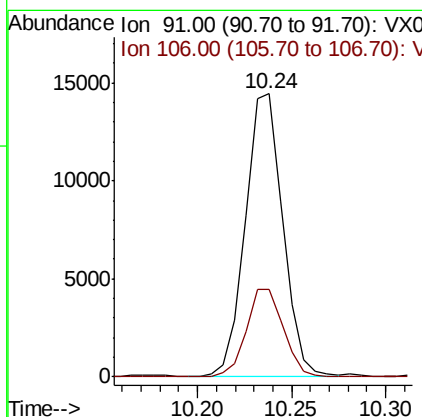
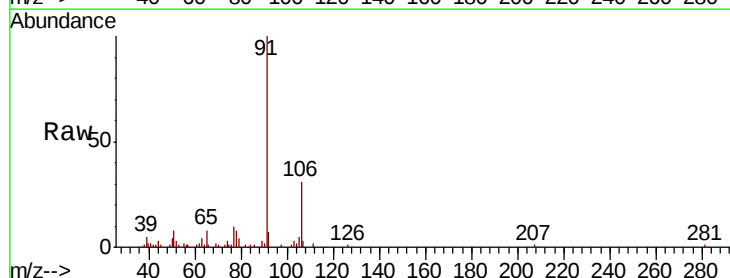
Manual Integrations
APPROVED

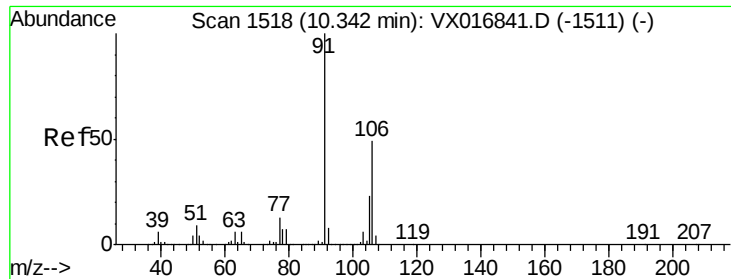
MMDadoda
6/22/2020 12:23:10 PM



#67
Ethyl Benzene
Concen: 1.598 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016885.D
Acq: 19 Jun 2020 17:23

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.8	25.1	37.7





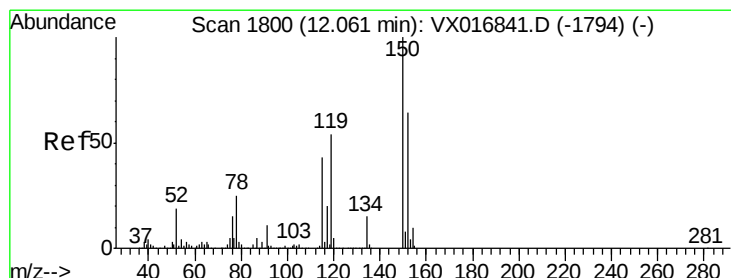
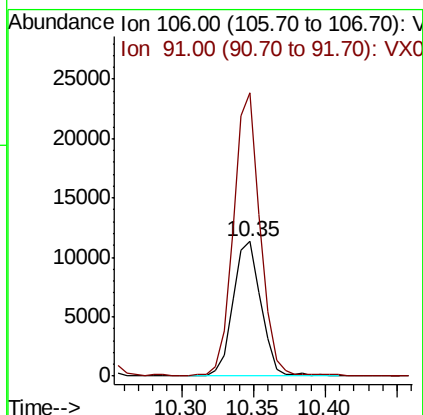
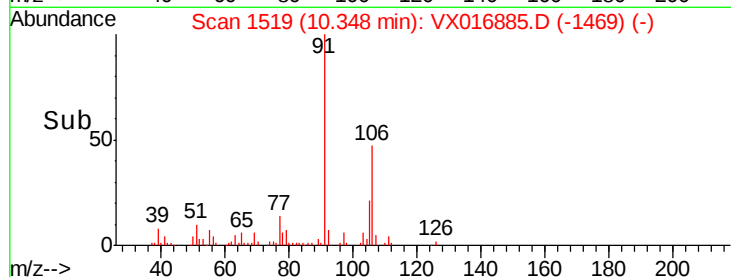
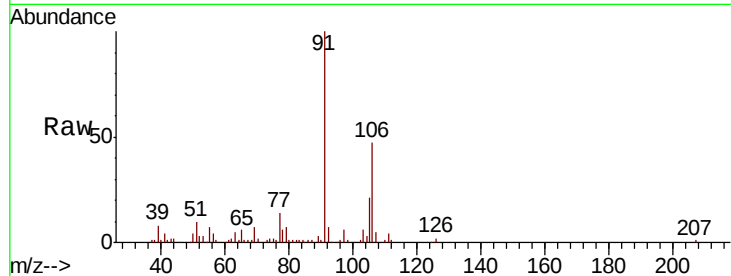
#68
m/p-Xvlenes
Concen: 3.183 ug/l
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX016885.D
Acq: 19 Jun 2020 17:23

Instrument :
MSVOA_X
ClientSampled :
MW-1DL

Tot Ion:106 Resp: 15449
Ion Ratio Lower Upper
106 100
91 201.8 161.5 242.3

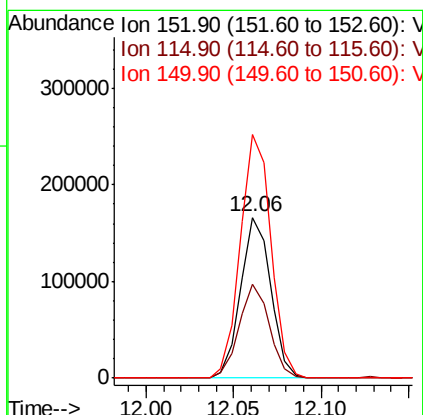
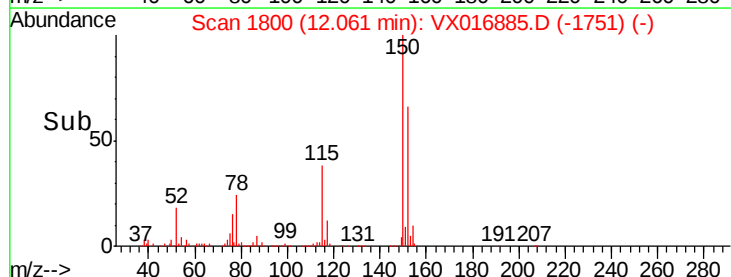
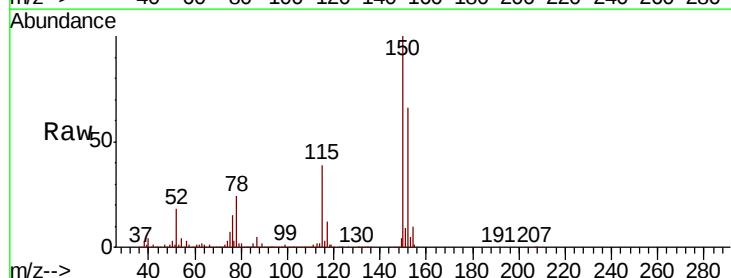
Manual Integrations
APPROVED

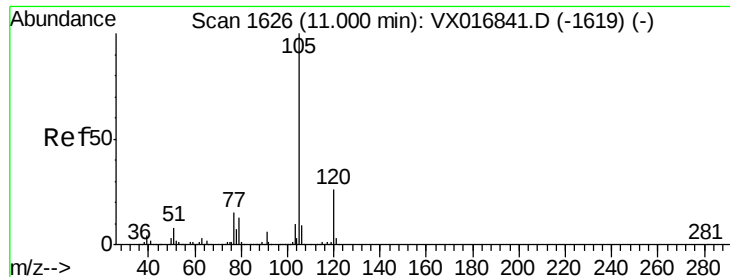
MMDadoda
6/22/2020 12:23:10 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016885.D
Acq: 19 Jun 2020 17:23

Tgt Ion:152 Resp: 199933
Ion Ratio Lower Upper
152 100
115 58.1 40.9 122.8
150 154.0 0.0 344.2





#73

Isopropylbenzene

Concen: 23.176 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016885.D

Acq: 19 Jun 2020 17:23

Instrument :

MSVOA_X

ClientSampled :

MW-1DL

Tot Ion:105 Resp: 298340

Ion Ratio Lower Upper

105 100

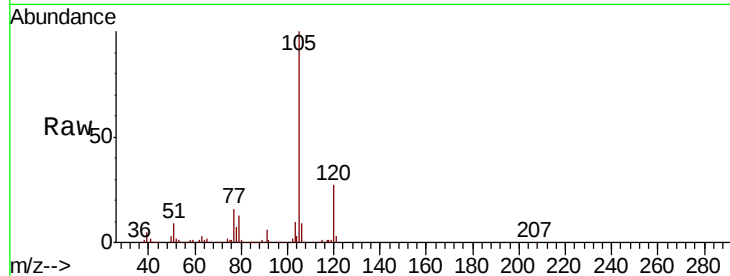
120 26.7 13.2 39.6

Manual Integrations

APPROVED

MMDadoda

6/22/2020 12:23:10 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

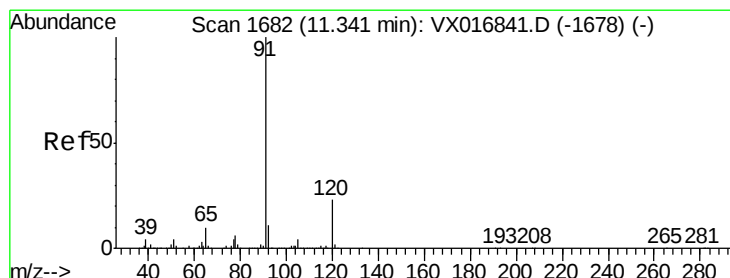
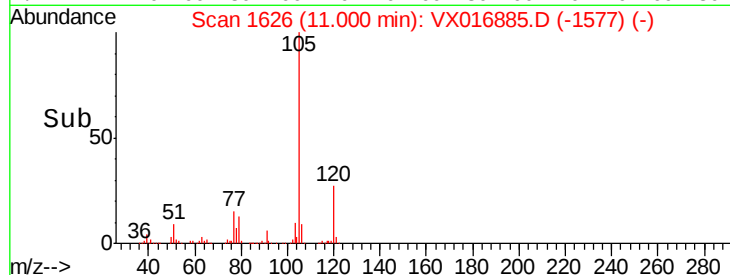
50000

0

11.00

11.10

Time-->



#78

n-propylbenzene

Concen: 40.271 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016885.D

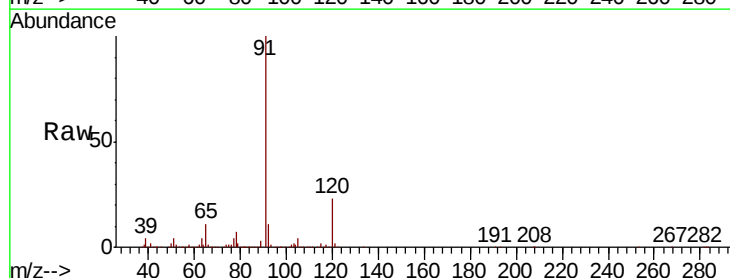
Acq: 19 Jun 2020 17:23

Tgt Ion: 91 Resp: 578547

Ion Ratio Lower Upper

91 100

120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

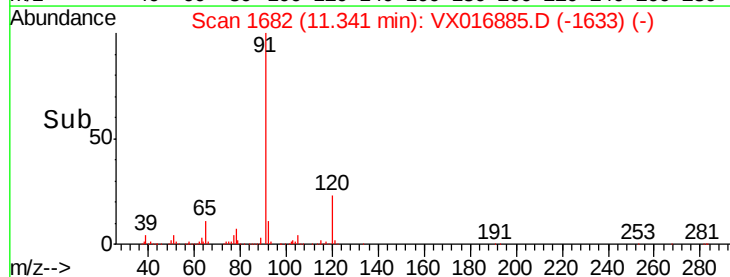
100000

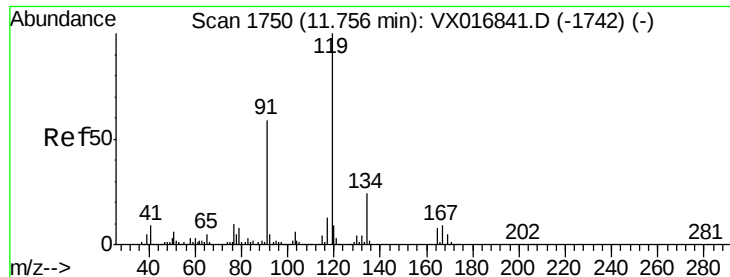
0

11.34

11.40

Time-->





#83

tert-Butylbenzene

Concen: 3.048 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016885.D

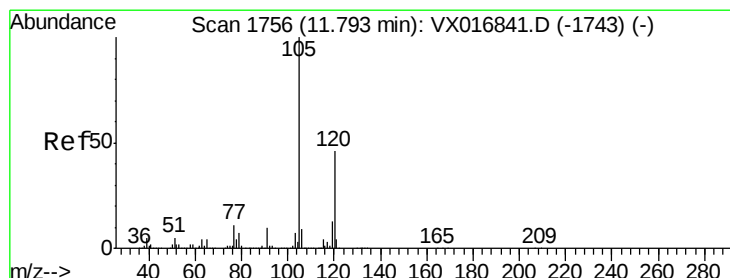
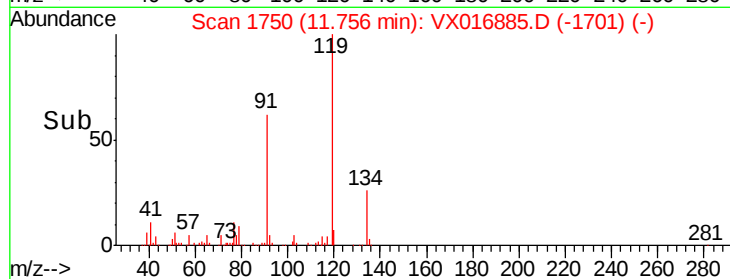
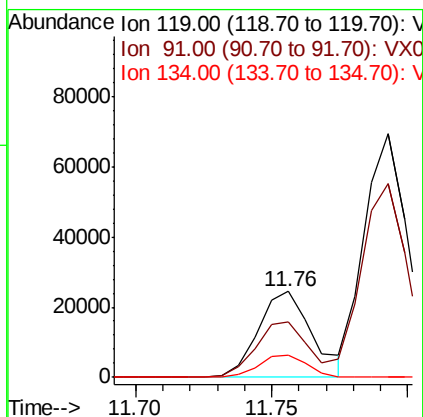
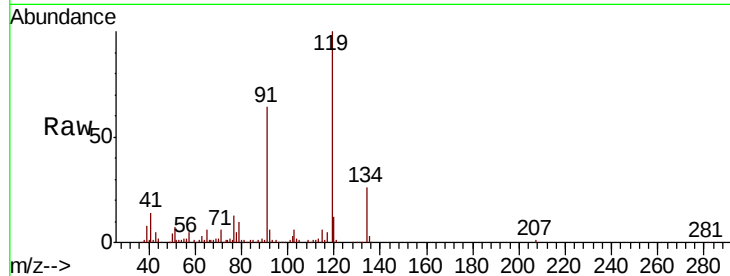
Acq: 19 Jun 2020 17:23

Instrument :
MSVOA_X
ClientSampleId :
MW-1DL

Tot Ion	Ratio	Resp	Lower	Upper
119	100	33493		
91	62.0	28.5	85.5	
134	23.7	11.7	35.1	

Manual Integrations
APPROVED

MMDadoda
6/22/2020 12:23:10 PM



#84

1,2,4-Trimethylbenzene

Concen: 56.486 ug/l

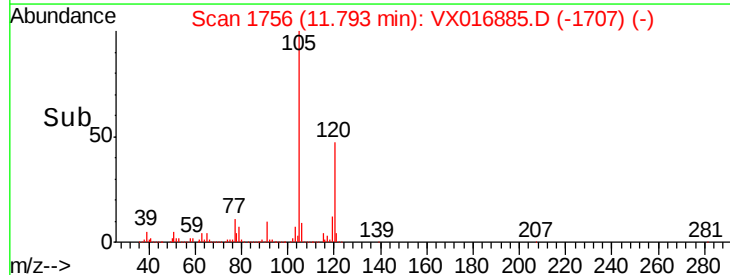
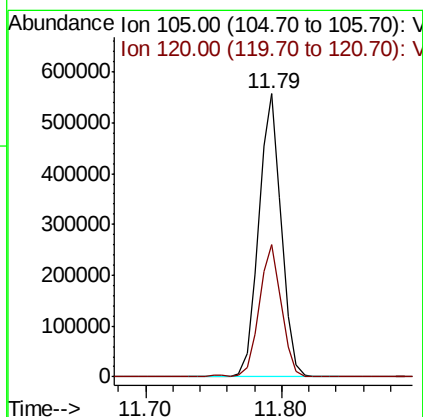
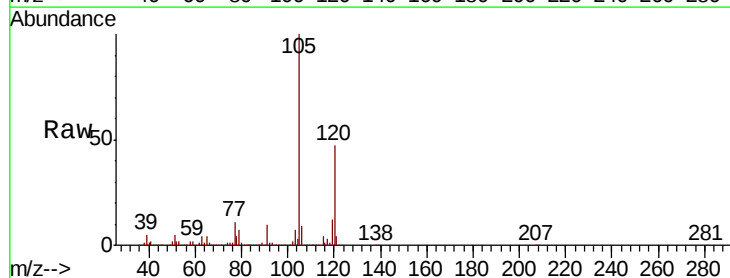
RT: 11.79 min Scan# 1756

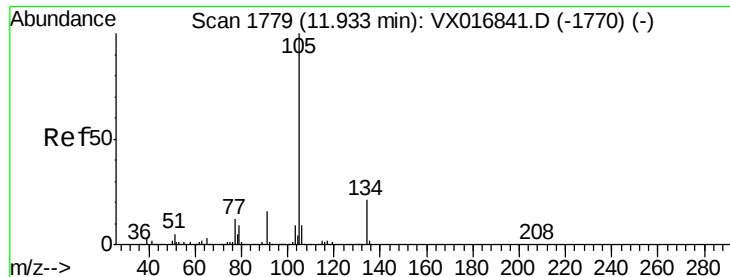
Delta R.T. 0.00 min

Lab File: VX016885.D

Acq: 19 Jun 2020 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	646252		
120	46.5	22.3	66.9	





#85

sec-Butylbenzene

Concen: 10.981 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX016885.D

Acq: 19 Jun 2020 17:23

Instrument :

MSVOA_X

ClientSampleId :

MW-1DL

Tot Ion:105 Resp: 140153

Ion Ratio Lower Upper

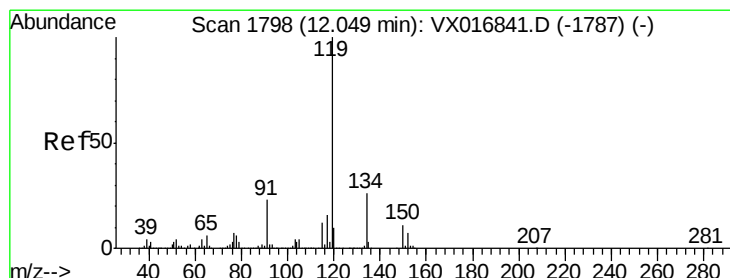
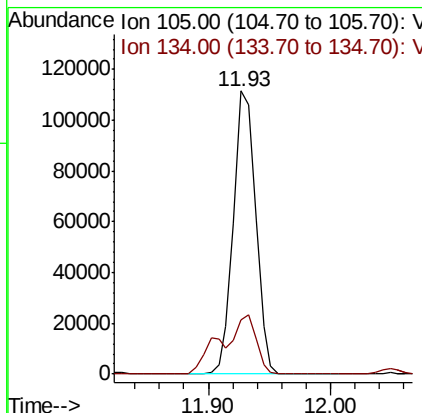
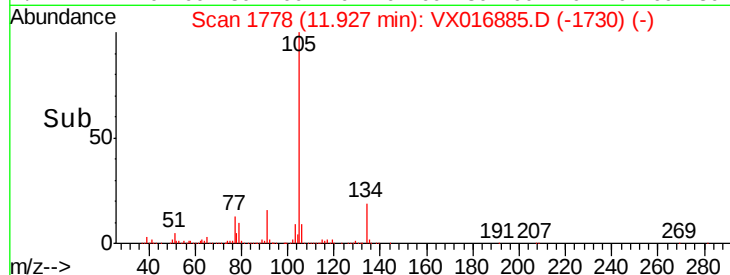
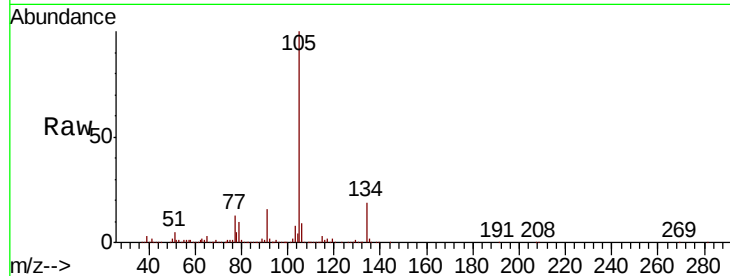
105 100

134 33.1 10.4 31.2#

Manual Integrations
APPROVED

MMDadoda

6/22/2020 12:23:10 PM



#86

p-Isopropyltoluene

Concen: 0.887 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016885.D

Acq: 19 Jun 2020 17:23

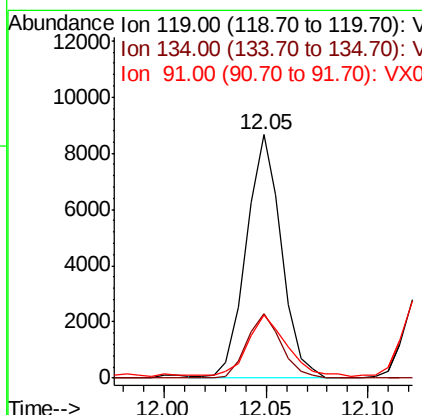
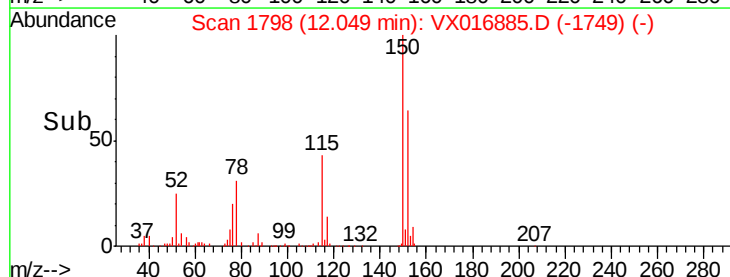
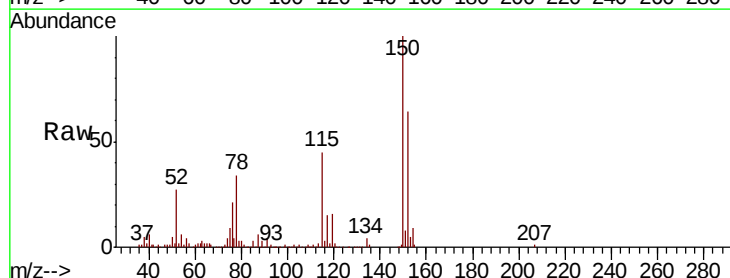
Tgt Ion:119 Resp: 10372

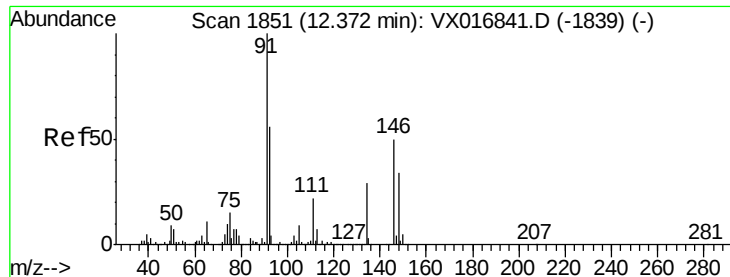
Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

91 27.7 11.6 34.8





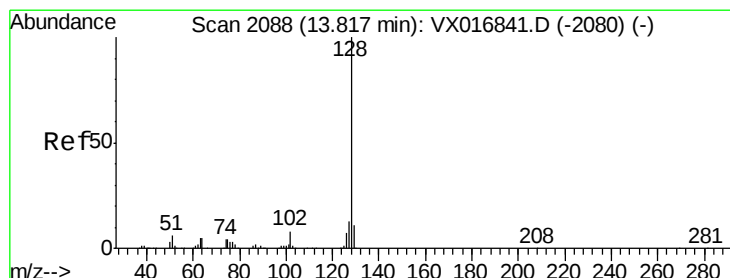
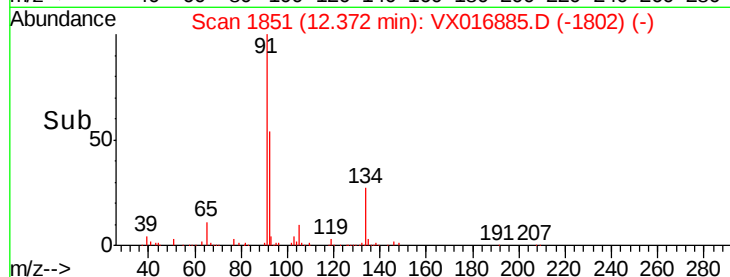
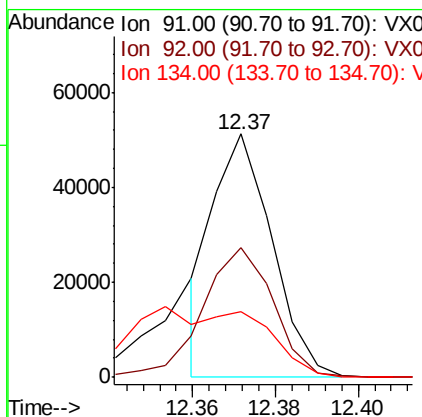
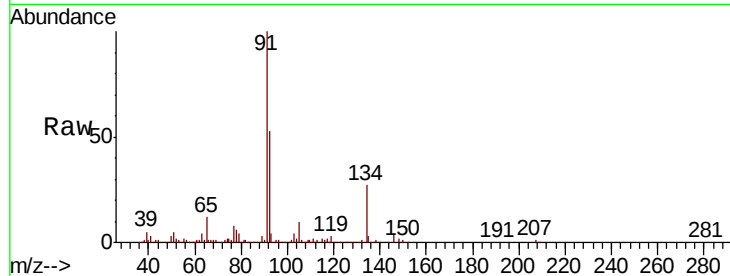
#89
n-Butylbenzene
Concen: 5.078 ug/l m
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016885.D
Acq: 19 Jun 2020 17:23

Instrument :
MSVOA_X
ClientSampled :
MW-1DL

Tot Ion	Ratio	Resp	Lower	Upper
91	100	50915		
92	64.2		27.4	82.2
134	63.8		13.9	41.6#

Manual Integrations
APPROVED

MMDadoda
6/22/2020 12:23:10 PM



#95
Naphthalene
Concen: 2.584 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016885.D
Acq: 19 Jun 2020 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	31546		
127	14.5		10.4	15.6
129	12.1		8.6	13.0

