

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100819\
 Data File : VL034271.D
 Acq On : 9 Oct 2019 8:41
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 5:08:24 PM

Quant Time: Oct 10 01:34:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 18
 QLast Update : Wed Sep 18 12:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	927808	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.20	114	1780765	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.14	117	1742187	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.48	95	1497885	9.89	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.60	45	6880m	0.529	ppbv	
15) Acetone	3.85	43	56752	0.456	ppbv	90
19) Isopropyl Alcohol	3.97	45	56170m	0.735	ppbv	
20) Methylene Chloride	4.34	84	9538	0.266	ppbv #	83
52) Tetrachloroethene	11.28	164	12520m	0.193	ppbv	

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

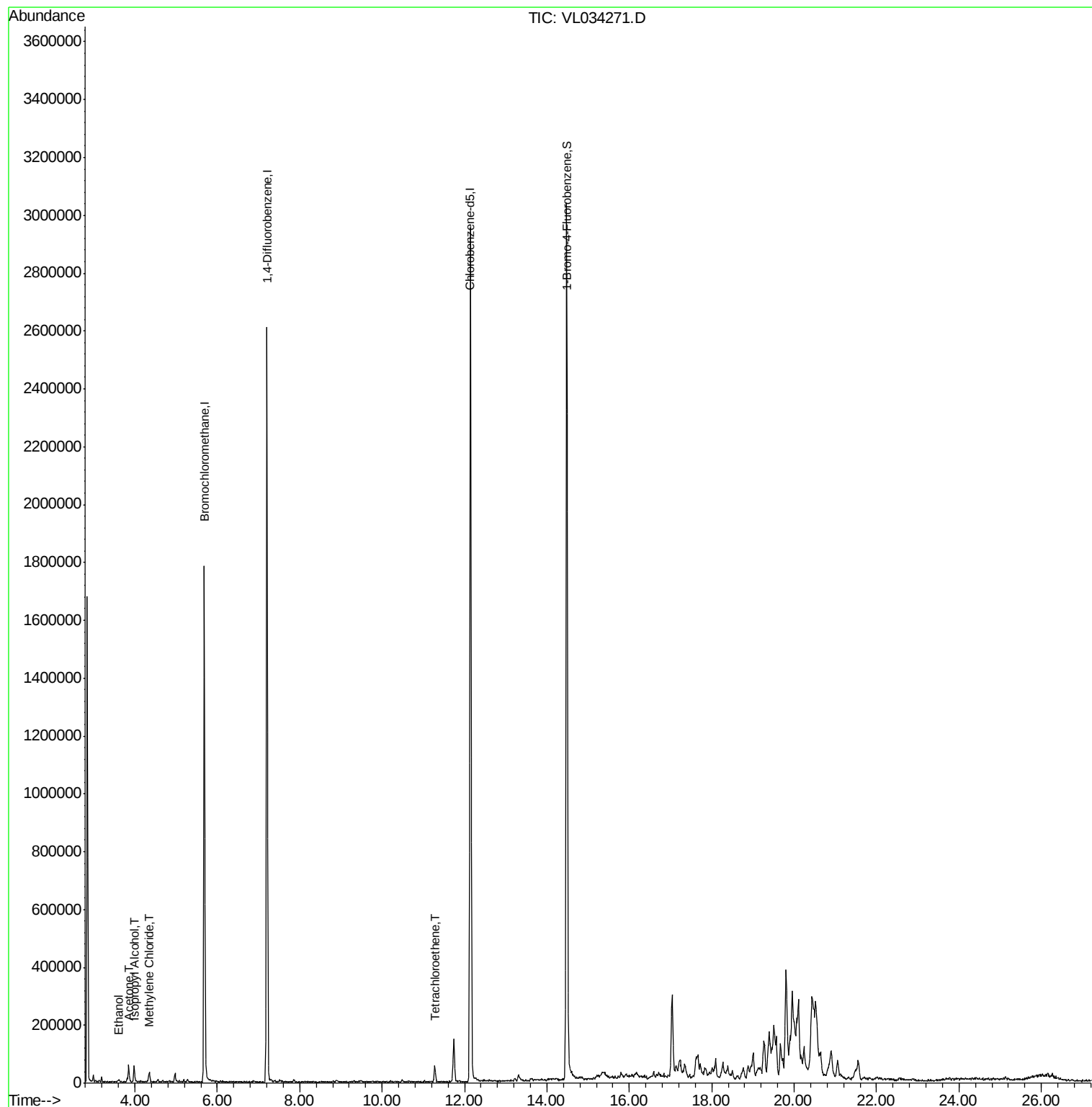
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100819\
Data File : VL034271.D
Acq On : 9 Oct 2019 8:41
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

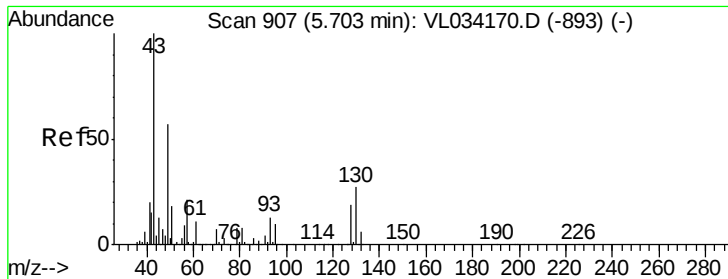
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations
APPROVED

MMDadoda
10/11/2019 5:08:24 PM

Quant Time: Oct 10 01:34:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.02 min

Lab File: VL034271.D

Acq: 9 Oct 2019 8:41

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tgt Ion: 49 Resp: 927808

Ion Ratio Lower Upper

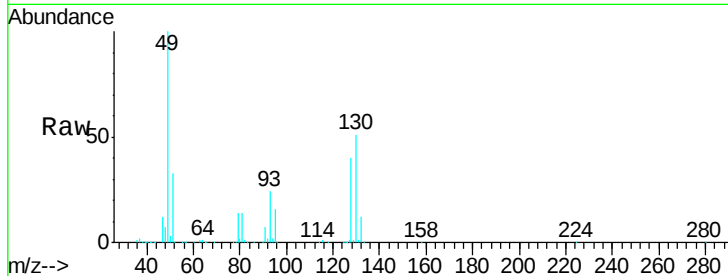
49 100

128 38.1 17.6 52.9

130 49.8 22.3 66.9

Manual Integrations
APPROVED

MMDadoda
10/11/2019 5:08:24 PM



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.68

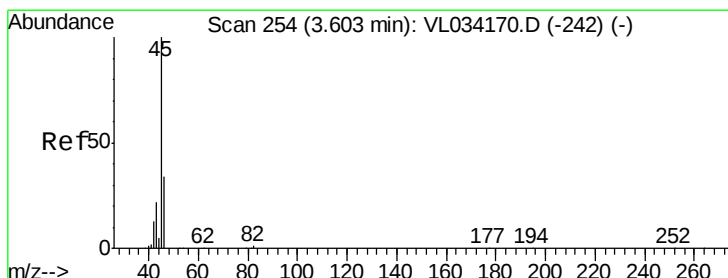
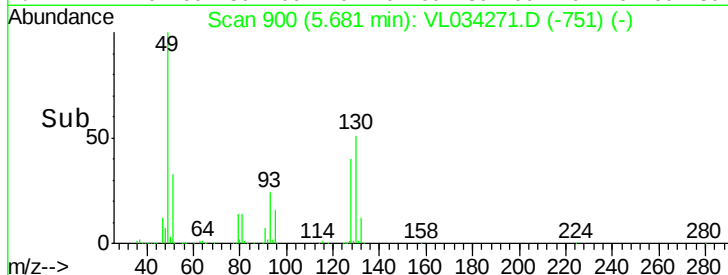
600000

400000

200000

0

Time-->



#13

Ethanol

Concen: 0.529 ppbv m

RT: 3.60 min Scan# 254

Delta R.T. 0.00 min

Lab File: VL034271.D

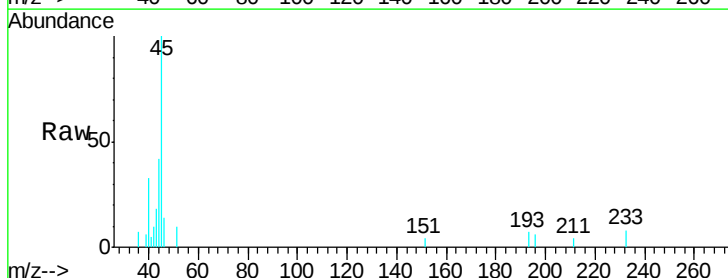
Acq: 9 Oct 2019 8:41

Tgt Ion: 45 Resp: 6880

Ion Ratio Lower Upper

45 100

46 0.0 15.5 61.9#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

5000

4000

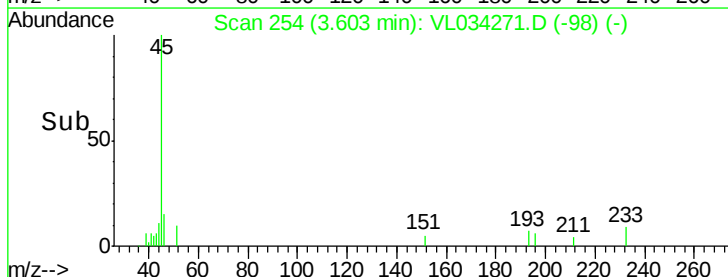
3000

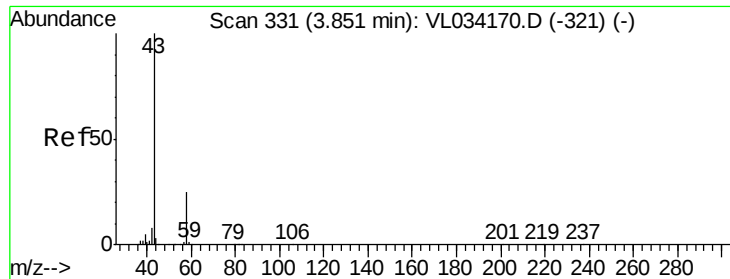
2000

1000

0

Time-->





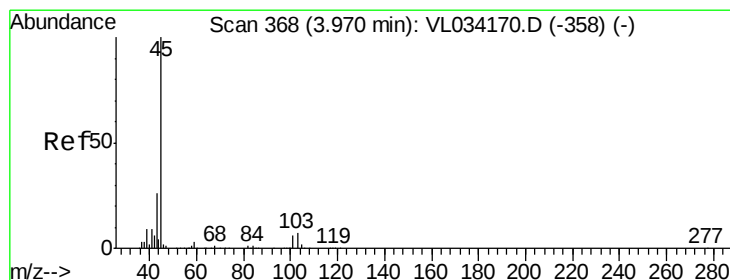
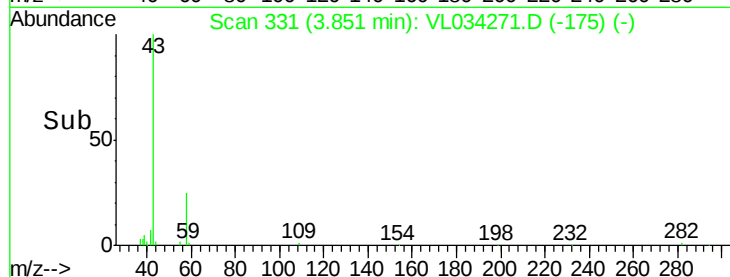
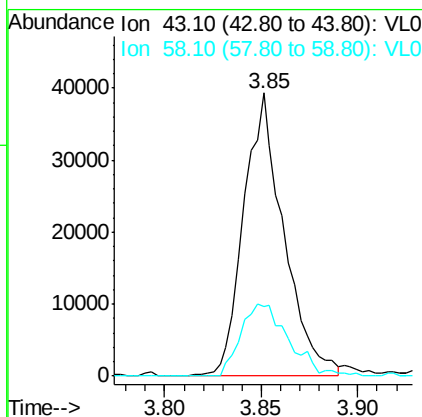
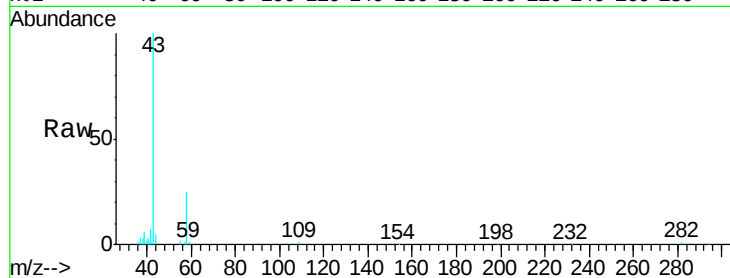
#15
Acetone
Concen: 0.456 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.00 min
Lab File: VL034271.D
Acq: 9 Oct 2019 8:41

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.6	20.5	30.7

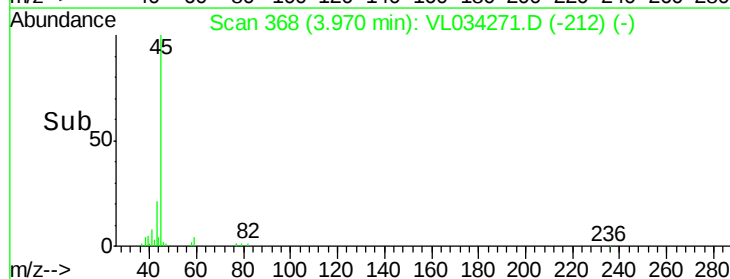
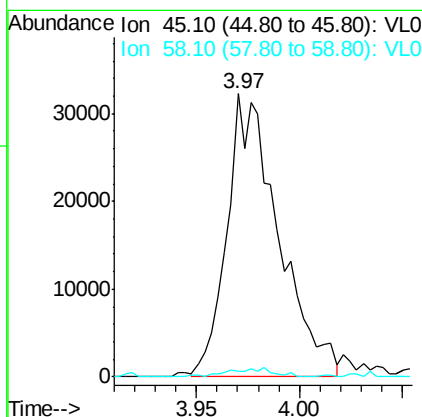
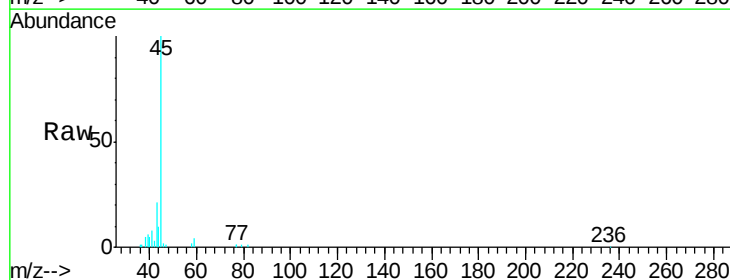
Manual Integrations
APPROVED

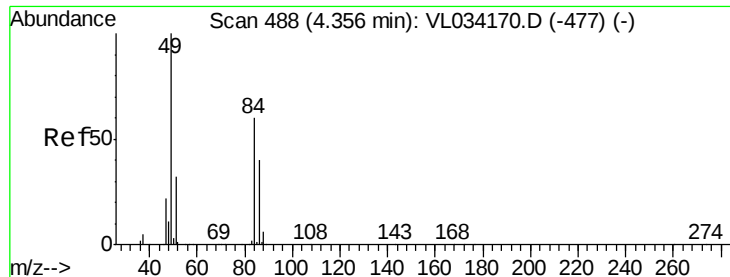
MMDadoda
10/11/2019 5:08:24 PM



#19
Isopropyl Alcohol
Concen: 0.735 ppbv m
RT: 3.97 min Scan# 368
Delta R.T. 0.00 min
Lab File: VL034271.D
Acq: 9 Oct 2019 8:41

Tgt Ion	Ratio	Lower	Upper
45	100		
58	2.7	1.4	2.0#





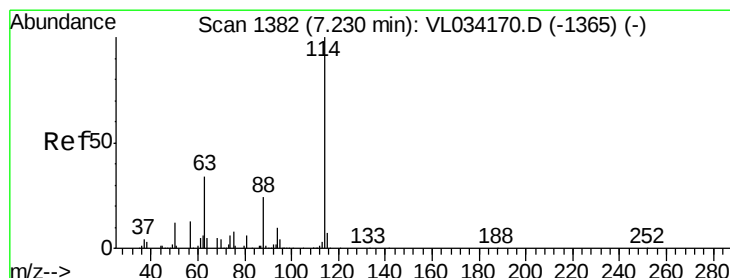
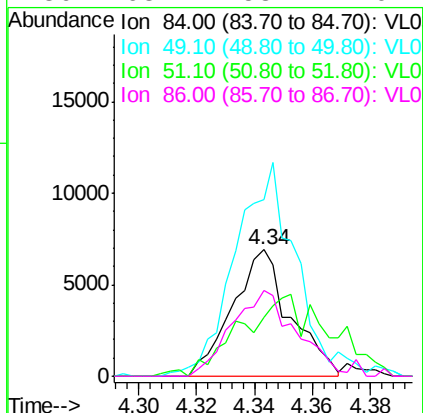
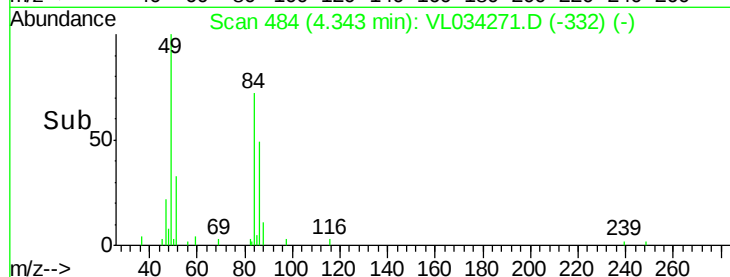
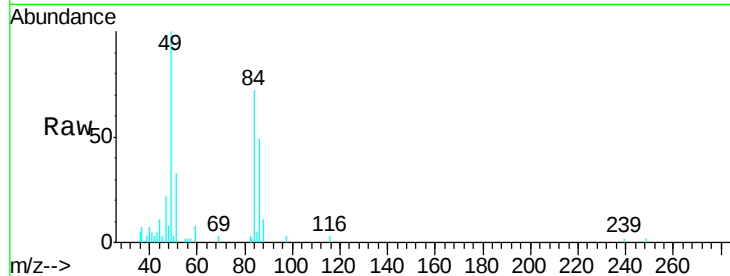
#20
Methylene Chloride
Concen: 0.266 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.01 min
Lab File: VL034271.D
Acq: 9 Oct 2019 8:41

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tgt Ion:	84	Resp:	9538
Ion	Ratio	Lower	Upper
84	100		
49	132.9	133.8	200.8#
51	46.3	43.6	65.4
86	68.2	53.1	79.7

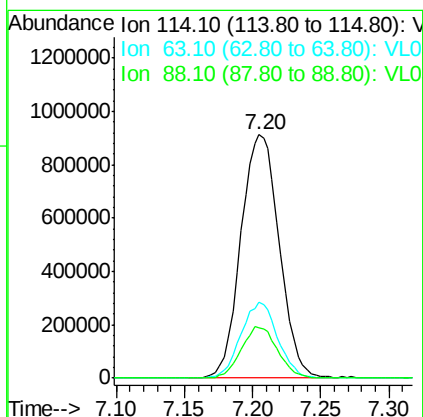
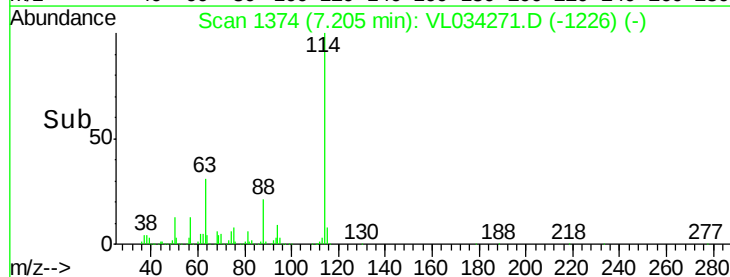
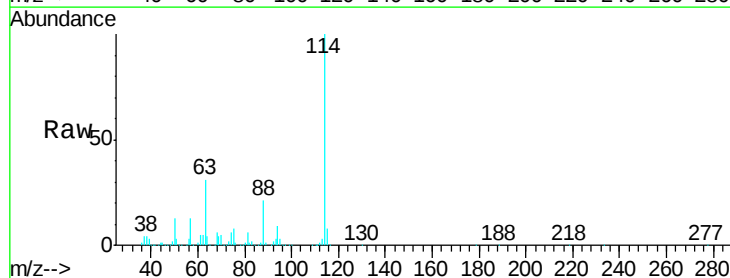
Manual Integrations
APPROVED

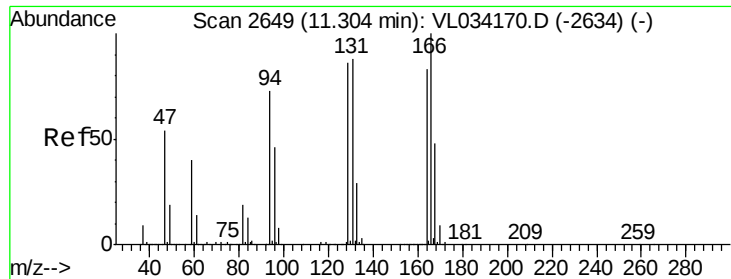
MMDadoda
10/11/2019 5:08:24 PM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1374
Delta R.T. -0.03 min
Lab File: VL034271.D
Acq: 9 Oct 2019 8:41

Tgt Ion:	114	Resp:	1780765
Ion	Ratio	Lower	Upper
114	100		
63	30.0	27.8	41.6
88	20.1	17.1	25.7





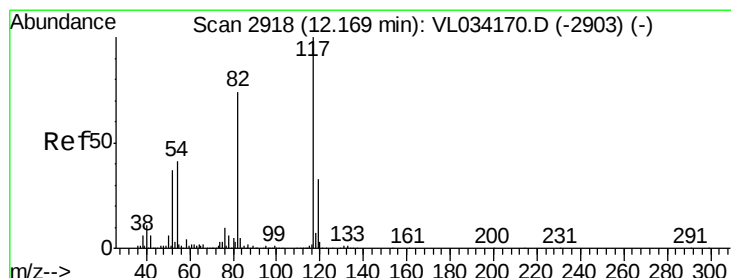
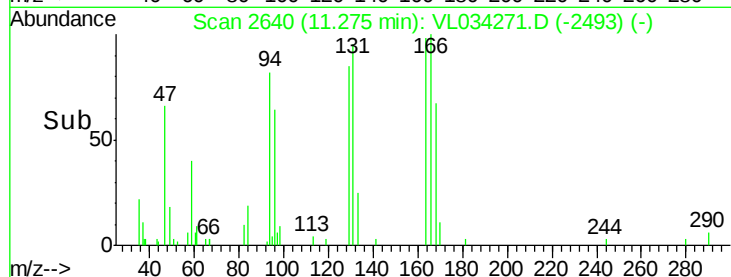
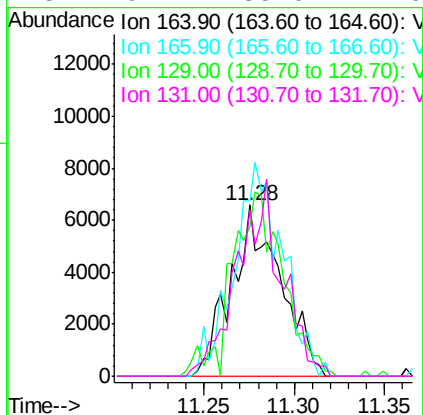
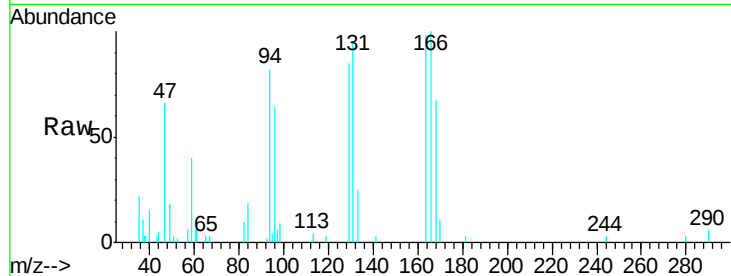
#52
Tetrachloroethene
Concen: 0.193 ppbv m
RT: 11.28 min Scan# 2640
Delta R.T. -0.03 min
Lab File: VL034271.D
Acq: 9 Oct 2019 8:41

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	12520		
166	102.4	96.7	145.1	
129	87.5	82.8	124.2	
131	97.2	85.0	127.6	

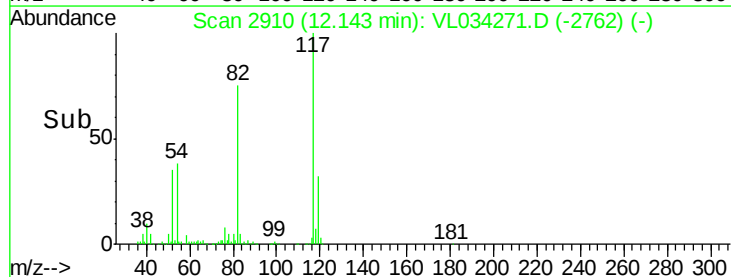
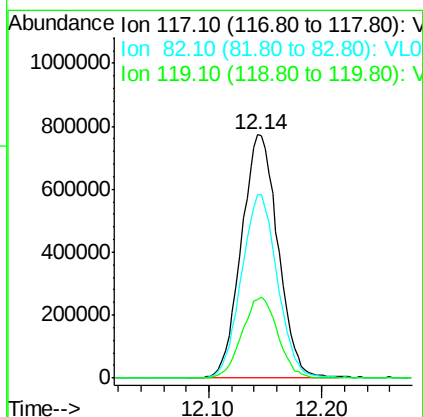
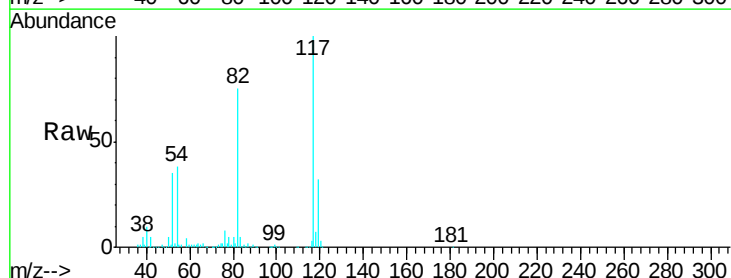
Manual Integrations
APPROVED

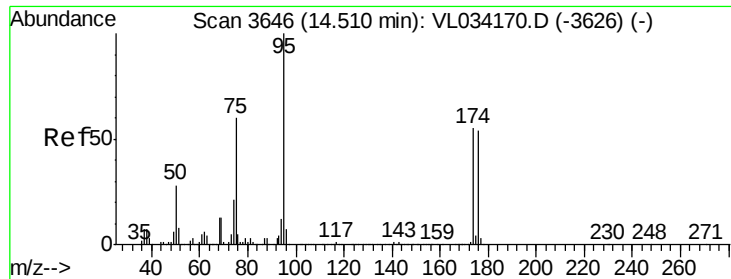
MMDadoda
10/11/2019 5:08:24 PM



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2910
Delta R.T. -0.03 min
Lab File: VL034271.D
Acq: 9 Oct 2019 8:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1742187		
82	74.5	58.2	87.4	
119	32.7	23.7	35.5	





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.895 ppbv
 RT: 14.48 min Scan# 3637
 Delta R.T. -0.03 min
 Lab File: VL034271.D
 Acq: 9 Oct 2019 8:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion: 95 Resp: 1497885
 Ion Ratio Lower Upper
 95 100
 174 60.1 45.1 67.7
 175 4.3 3.3 4.9

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 5:08:24 PM

