

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051419\
 Data File : VL033693.D
 Acq On : 14 May 2019 16:16
 Operator : SY/AP
 Sample : K2730-01DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS01DL

Manual Integrations
 APPROVED

MMDadoda
 5/16/2019 5:41:10 AM

Quant Time: May 15 22:23:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon May 0
 QLast Update : Mon May 06 15:19:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	971145	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2448841	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2523803	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1990535	9.62	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.20%

Target Compounds					Ovalue
9) Propene	3.04	41	33059m	0.618	ppbv
13) Ethanol	3.66	45	35457	2.209	ppbv 99
15) Acetone	3.90	43	868015	6.008	ppbv 99
19) Isopropyl Alcohol	4.04	45	33954	0.383	ppbv # 93

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

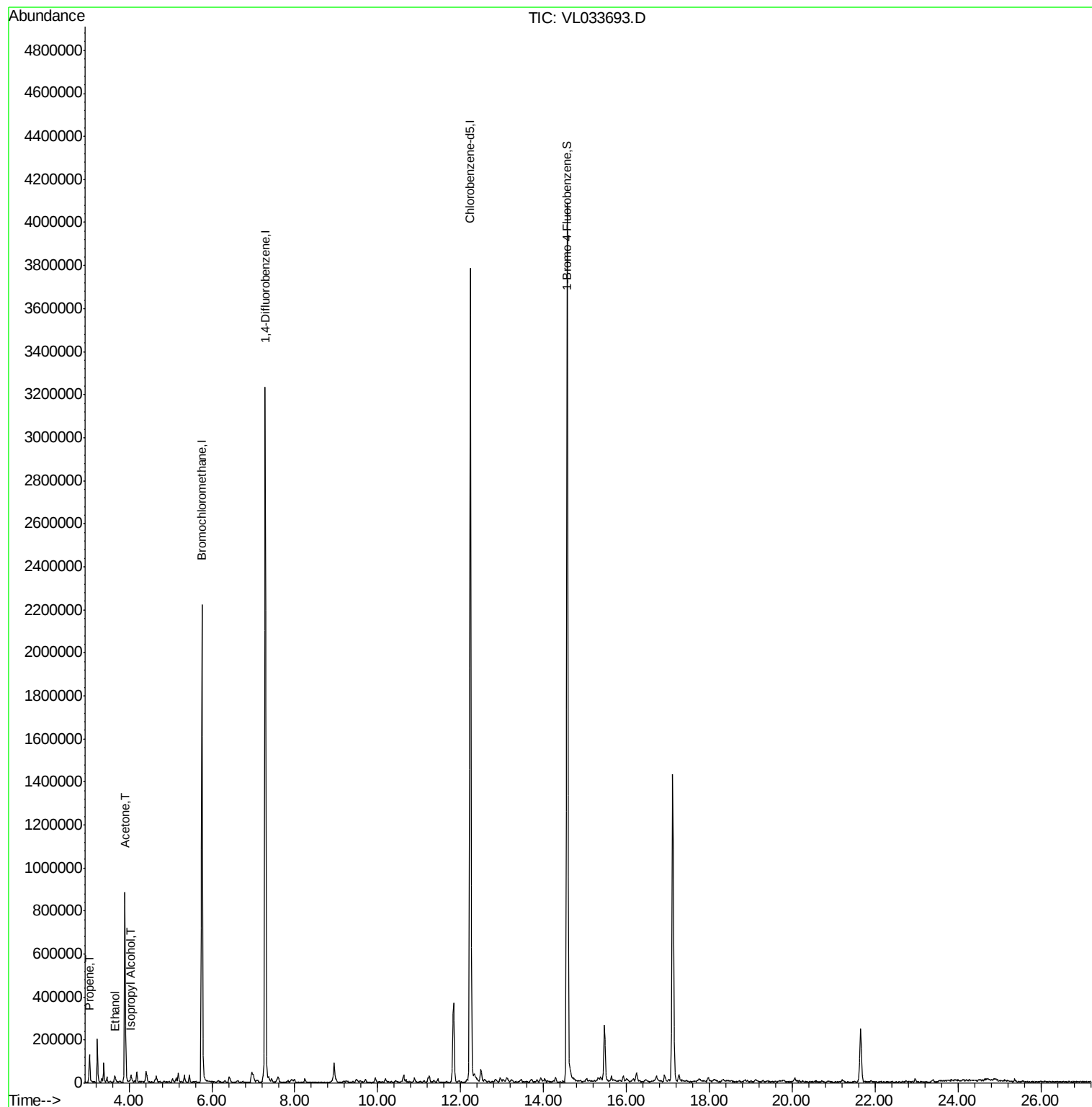
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL051419\
Data File : VL033693.D
Acq On : 14 May 2019 16:16
Operator : SY/AP
Sample : K2730-01DL 40X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

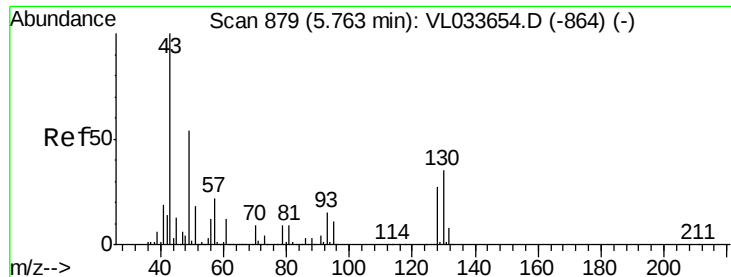
Instrument :
MSVOA_L
ClientSampleId :
SS01DL

Manual Integrations
APPROVED

MMDadoda
5/16/2019 5:41:10 AM

Quant Time: May 15 22:23:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon May
QLast Update : Mon May 06 15:19:01 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

Lab File: VL033693.D

Acq: 14 May 2019 16:16

Instrument :

MSVOA_L

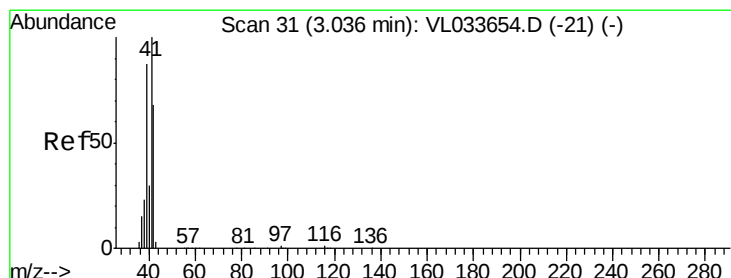
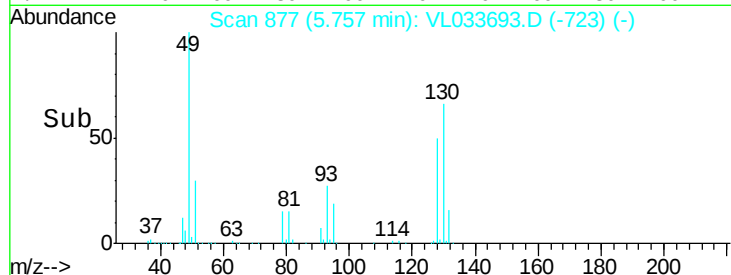
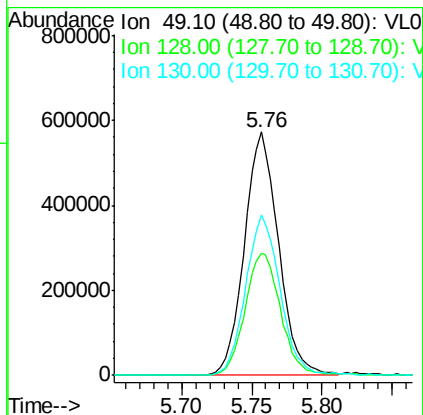
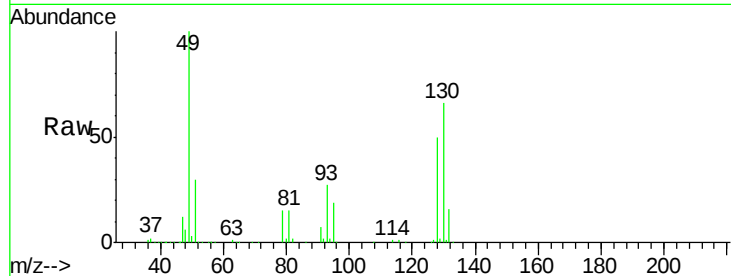
ClientSampleId :

SS01DL

Tot Ion:	49	Resp:	971145
Ion Ratio	Lower	Upper	
49	100		
128	52.7	24.8	74.3
130	67.3	32.1	96.5

Manual Integrations
APPROVED

MMDadoda
5/16/2019 5:41:10 AM



#9

Propene

Concen: 0.618 ppbv m

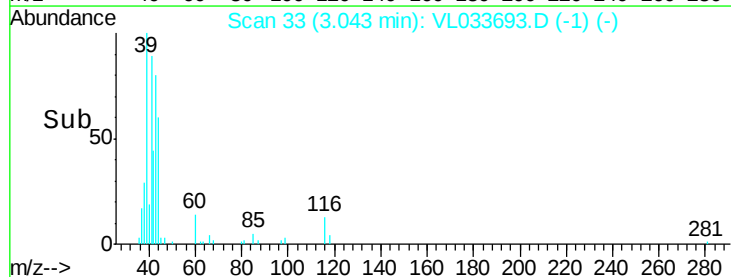
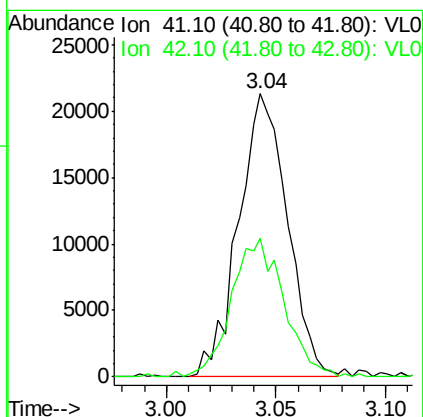
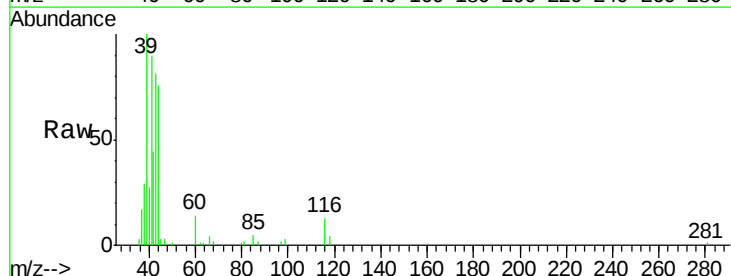
RT: 3.04 min Scan# 33

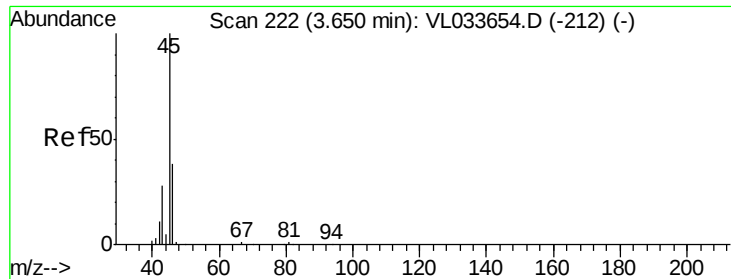
Delta R.T. 0.01 min

Lab File: VL033693.D

Acq: 14 May 2019 16:16

Tgt Ion:	41	Resp:	33059
Ion Ratio	Lower	Upper	
41	100		
42	100.9	55.6	83.4#





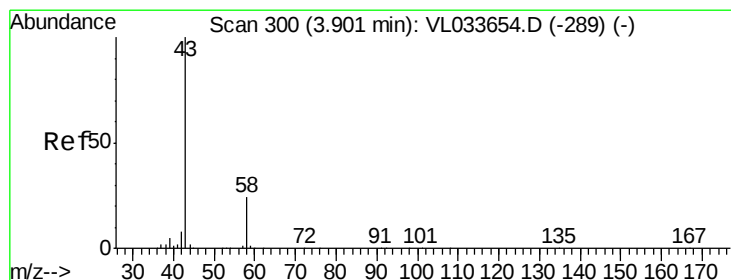
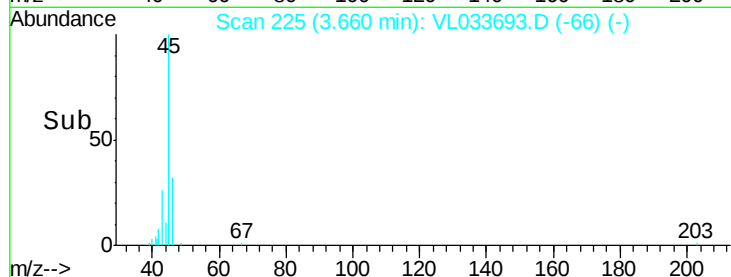
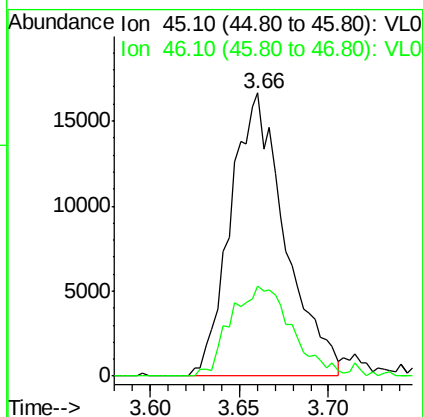
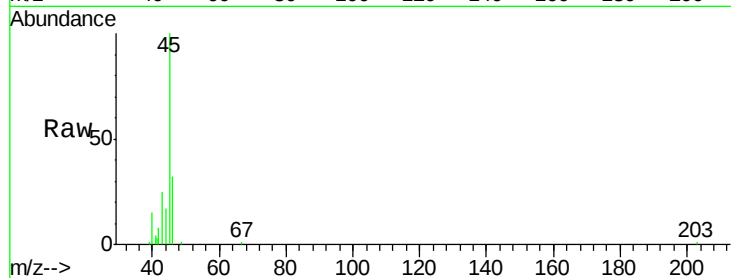
#13
Ethanol
Concen: 2.209 ppbv
RT: 3.66 min Scan# 225
Delta R.T. 0.01 min
Lab File: VL033693.D
Acq: 14 May 2019 16:16

Instrument :
MSVOA_L
ClientSampleId :
SS01DL

Tot Ion	45	Resp	35457
Ion Ratio	100	Lower	Upper
45	100		
46	36.6	14.9	59.7

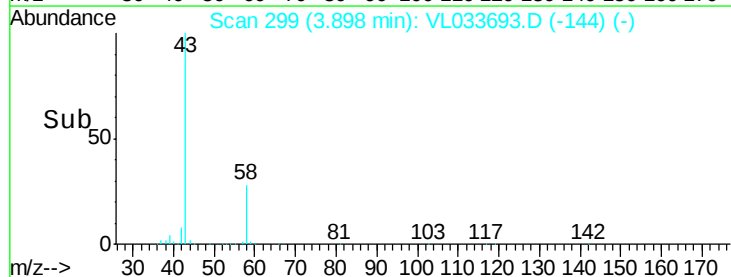
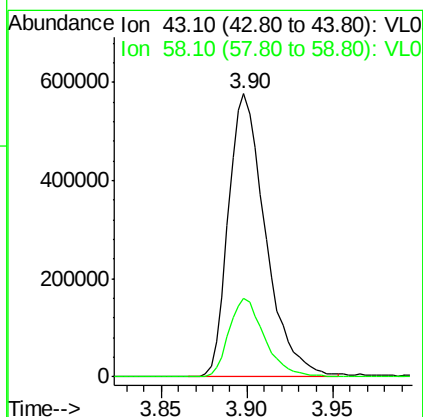
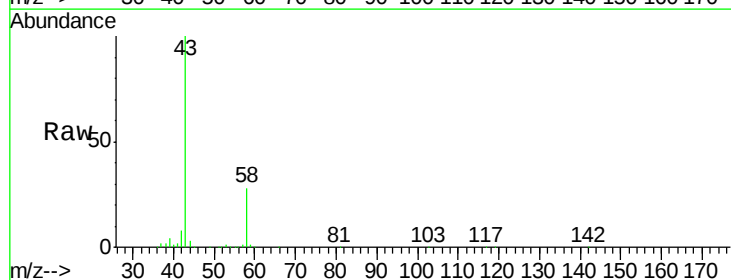
Manual Integrations
APPROVED

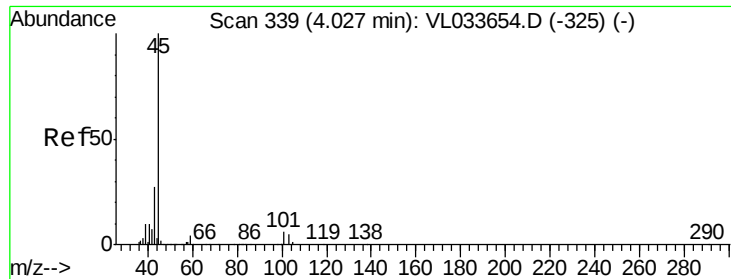
MMDadoda
5/16/2019 5:41:10 AM



#15
Acetone
Concen: 6.008 ppbv
RT: 3.90 min Scan# 299
Delta R.T. -0.00 min
Lab File: VL033693.D
Acq: 14 May 2019 16:16

Tgt Ion	43	Resp	868015
Ion Ratio	100	Lower	Upper
43	100		
58	26.8	20.9	31.3





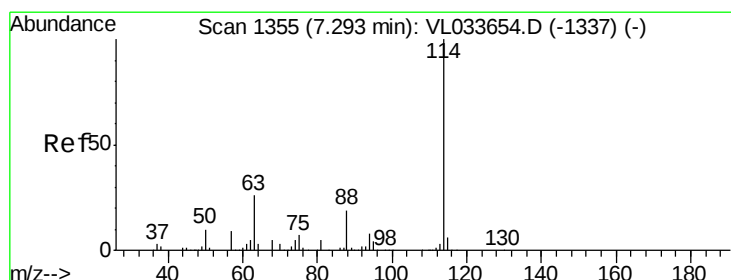
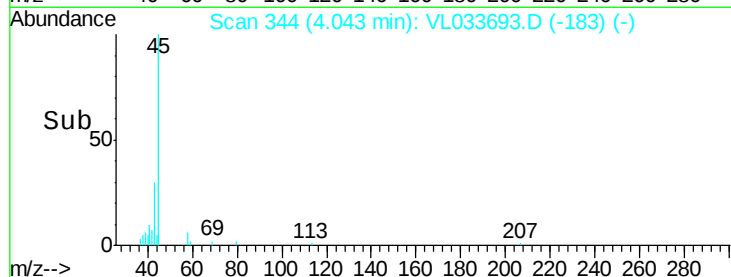
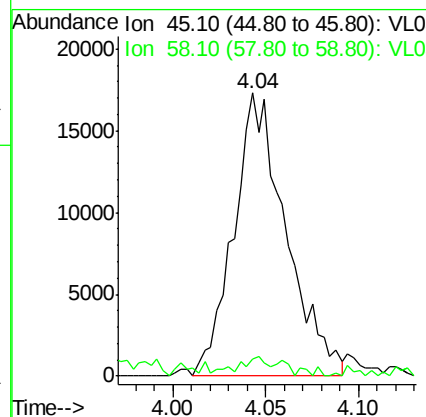
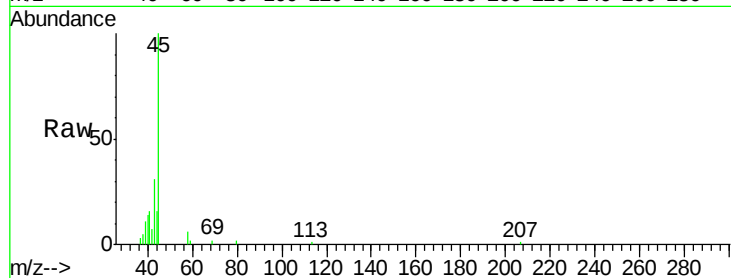
#19
Isopropyl Alcohol
Concen: 0.383 ppbv
RT: 4.04 min Scan# 344
Delta R.T. 0.02 min
Lab File: VL033693.D
Acq: 14 May 2019 16:16

Instrument :
MSVOA_L
ClientSampleId :
SS01DL

Tot Ion: 45 Resp: 33954
Ion Ratio Lower Upper
45 100
58 0.0 2.0 3.0#

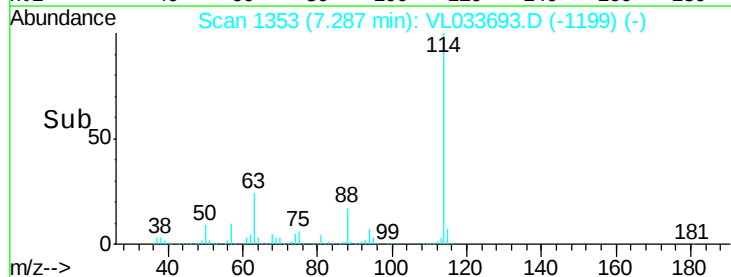
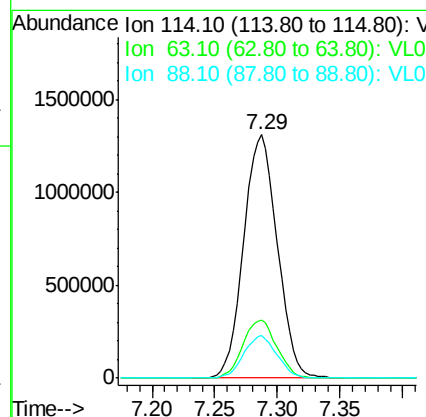
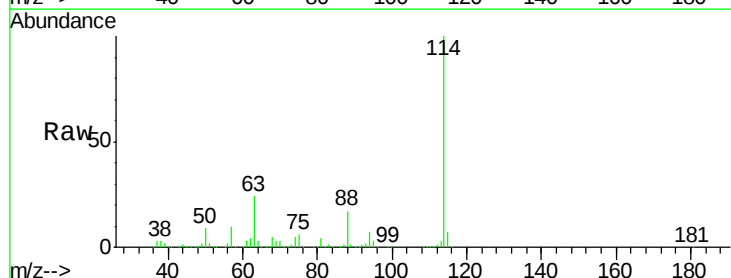
Manual Integrations
APPROVED

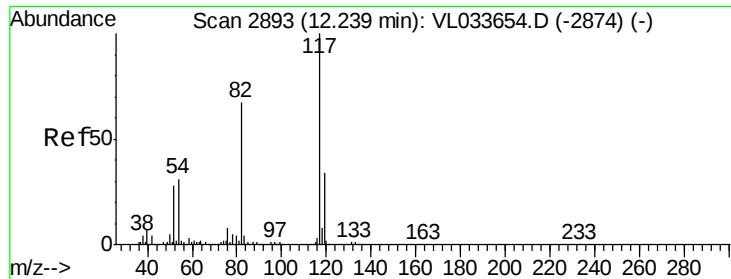
MMDadoda
5/16/2019 5:41:10 AM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033693.D
Acq: 14 May 2019 16:16

Tgt Ion: 114 Resp: 2448841
Ion Ratio Lower Upper
114 100
63 24.1 21.3 31.9
88 17.2 14.4 21.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.24 min Scan# 2892

Delta R.T. -0.00 min

Lab File: VL033693.D

Acq: 14 May 2019 16:16

Instrument :

MSVOA_L

ClientSampleId :

SS01DL

Tot Ion:117 Resp: 2523803

Ion Ratio Lower Upper

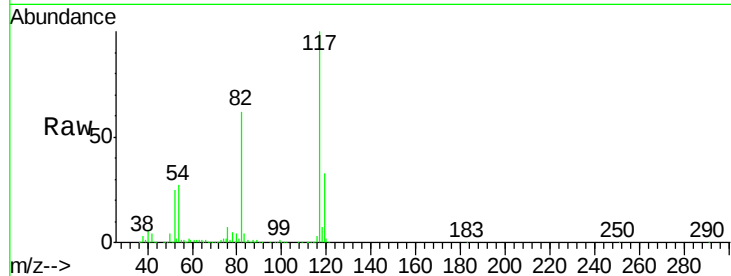
117 100

82 63.9 49.7 74.5

119 32.5 24.8 37.2

Manual Integrations
APPROVED

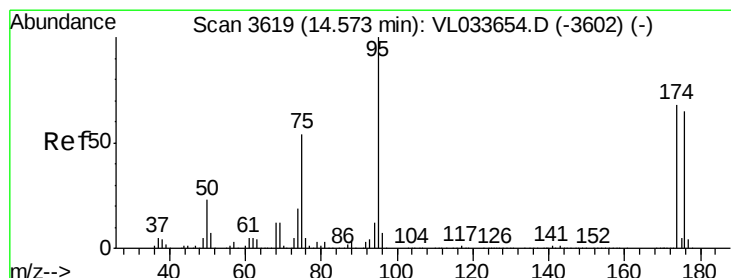
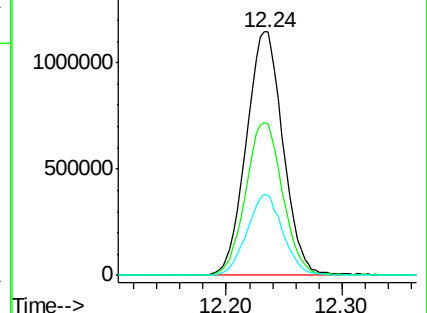
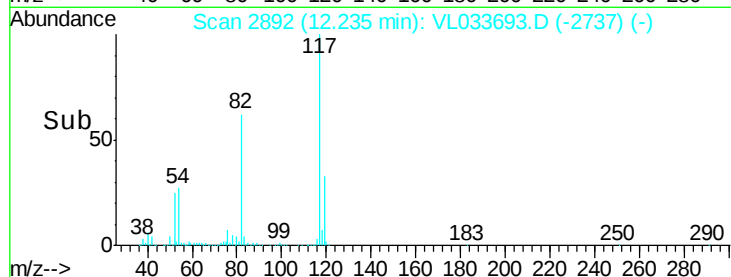
MMDadoda
5/16/2019 5:41:10 AM



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.622 ppbv

RT: 14.57 min Scan# 3618

Delta R.T. -0.00 min

Lab File: VL033693.D

Acq: 14 May 2019 16:16

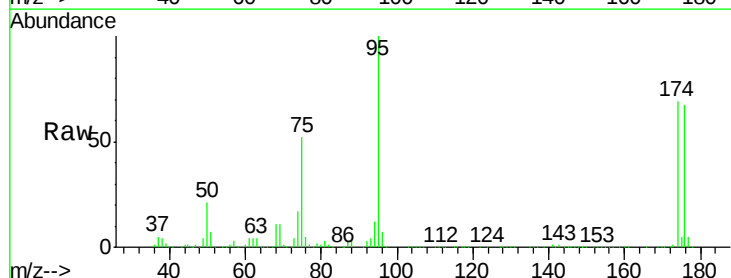
Tgt Ion: 95 Resp: 1990535

Ion Ratio Lower Upper

95 100

174 70.4 54.0 81.0

175 5.0 3.8 5.8



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

