

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060221\
 Data File : VL037105.D
 Acq On : 2 Jun 2021 17:12
 Operator : SY/AP
 Sample : M2548-09DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-9ADL

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 3:00:39 PM

Quant Time: Jun 06 20:08:47 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1403743	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4125137	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3706306	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2659599	9.55	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	17694	0.192	ppbv	96
13) Ethanol	3.59	45	2701303	219.855	ppbv	92
15) Acetone	3.85	43	175873m	1.223	ppbv	
26) Hexane	5.67	57	86114m	0.488	ppbv	

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

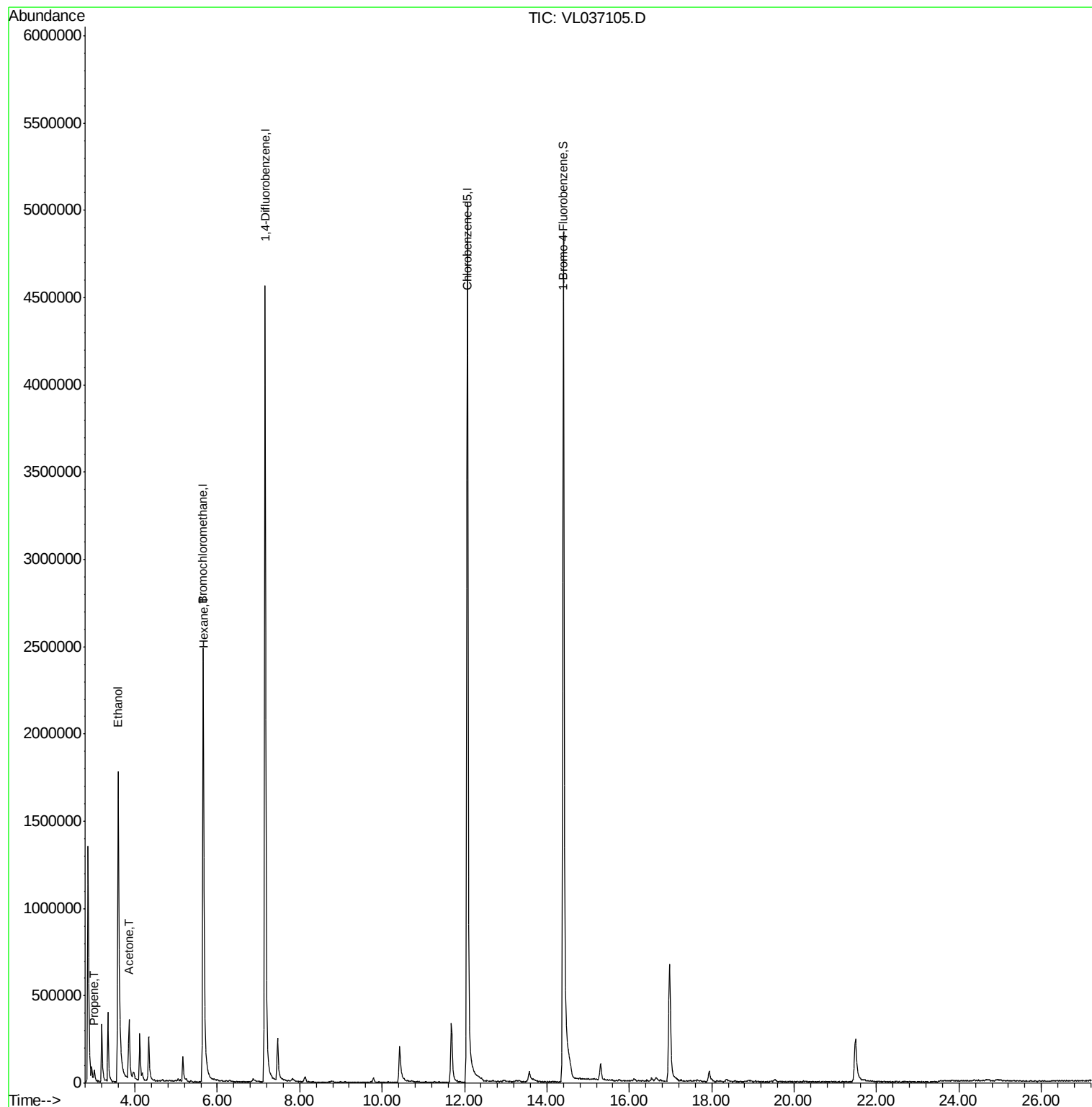
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL060221\
Data File : VL037105.D
Acq On : 2 Jun 2021 17:12
Operator : SY/AP
Sample : M2548-09DL 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

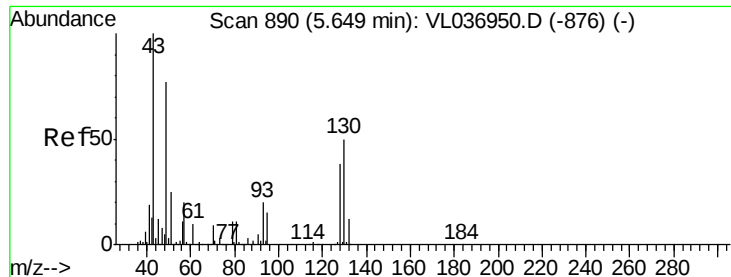
Instrument :
MSVOA_L
ClientSampleId :
IA-9ADL

Manual Integrations
APPROVED

MMDadoda
6/7/2021 3:00:39 PM

Quant Time: Jun 06 20:08:47 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. 0.01 min

Lab File: VL037105.D

Acq: 2 Jun 2021 17:12

Instrument :

MSVOA_L

ClientSampleId :

IA-9ADL

Tot Ion: 49 Resp: 1403743

Ion Ratio Lower Upper

49 100

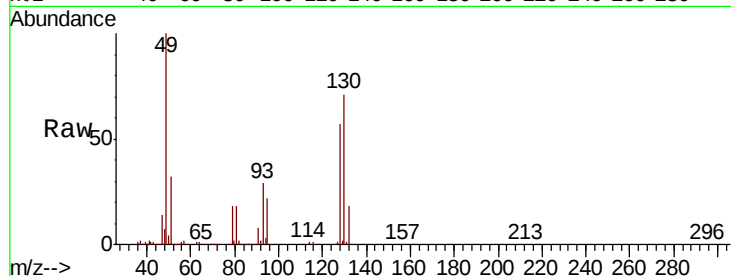
128 57.1 26.9 80.7

130 73.1 33.8 101.4

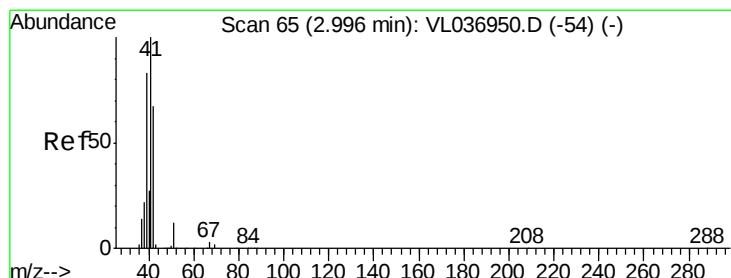
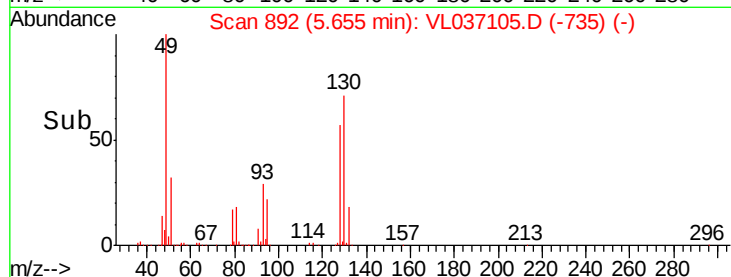
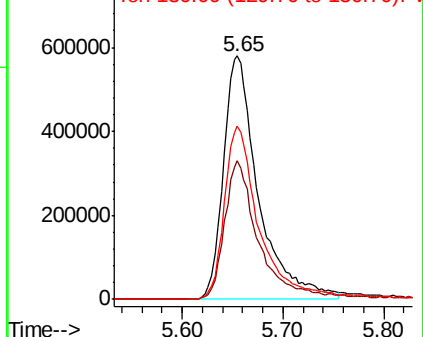
Manual Integrations
APPROVED

MMDadoda

6/7/2021 3:00:39 PM



Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.192 ppbv

RT: 3.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VL037105.D

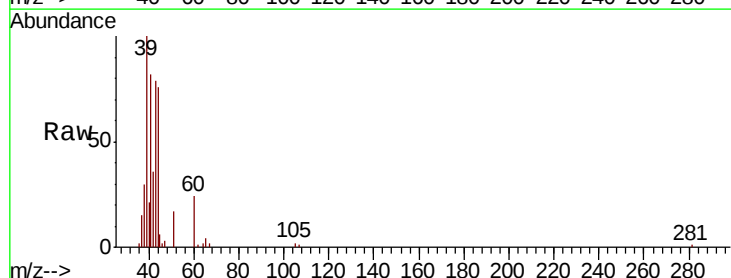
Acq: 2 Jun 2021 17:12

Tgt Ion: 41 Resp: 17694

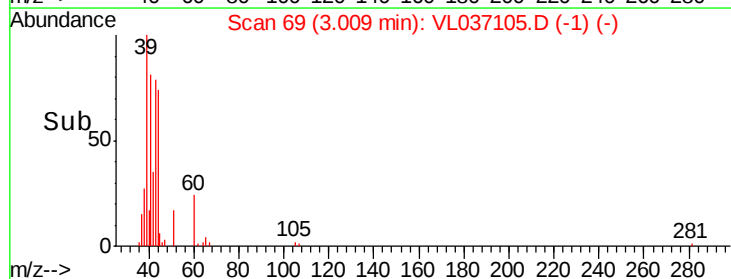
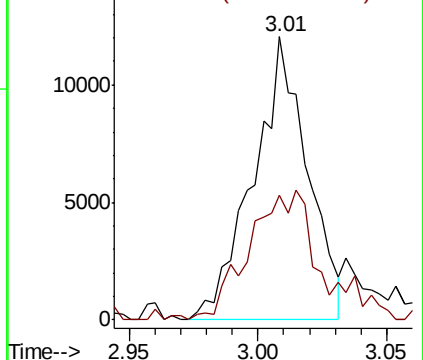
Ion Ratio Lower Upper

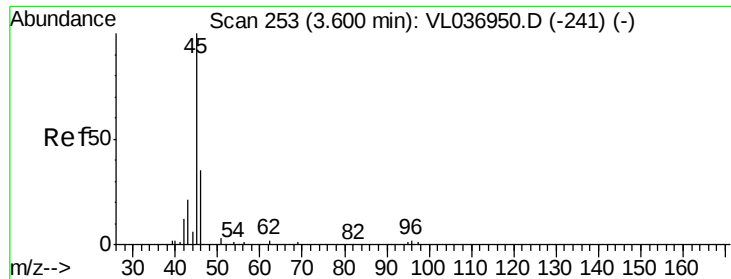
41 100

42 64.3 53.9 80.9



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 42.10 (41.80 to 42.80): VL0





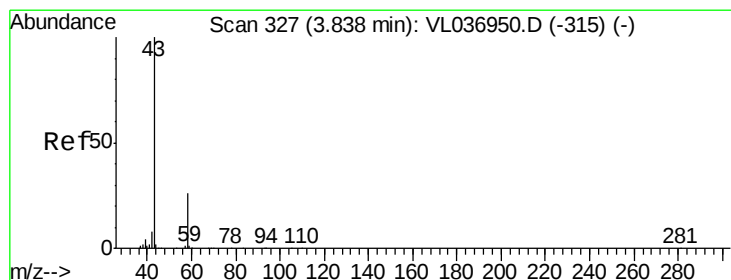
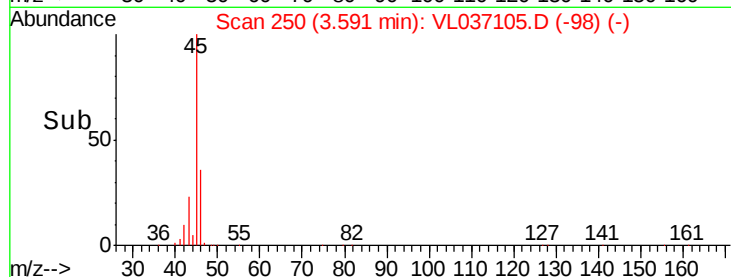
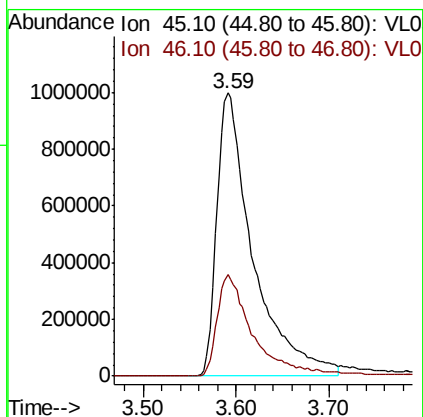
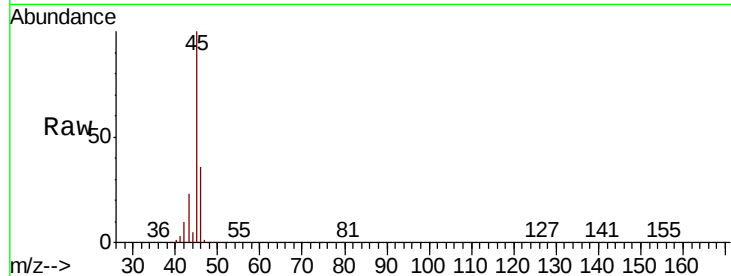
#13
Ethanol
Concen: 219.855 ppbv
RT: 3.59 min Scan# 250
Delta R.T. -0.01 min
Lab File: VL037105.D
Acq: 2 Jun 2021 17:12

Instrument :
MSVOA_L
ClientSampled :
IA-9ADL

Tot Ion: 45 Resp: 2701303
Ion Ratio Lower Upper
45 100
46 36.1 16.3 65.3

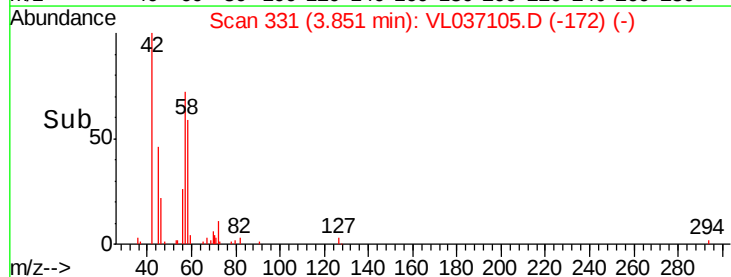
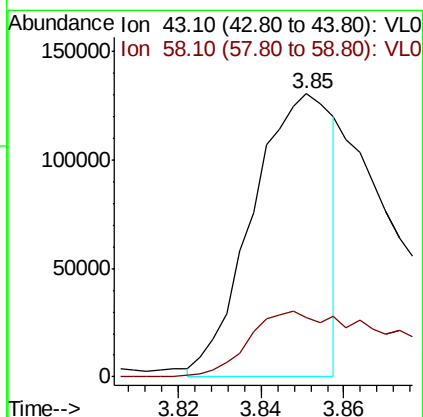
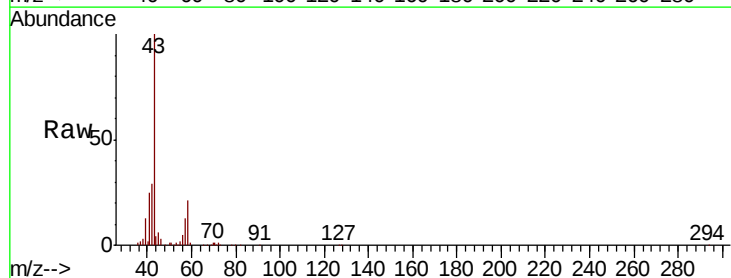
Manual Integrations
APPROVED

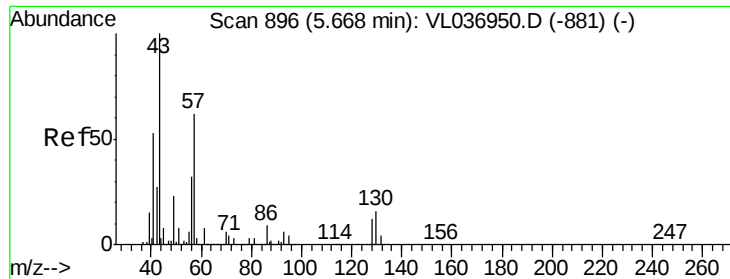
MMDadoda
6/7/2021 3:00:39 PM



#15
Acetone
Concen: 1.223 ppbv m
RT: 3.85 min Scan# 331
Delta R.T. 0.01 min
Lab File: VL037105.D
Acq: 2 Jun 2021 17:12

Tgt Ion: 43 Resp: 175873
Ion Ratio Lower Upper
43 100
58 54.5 24.0 36.0#





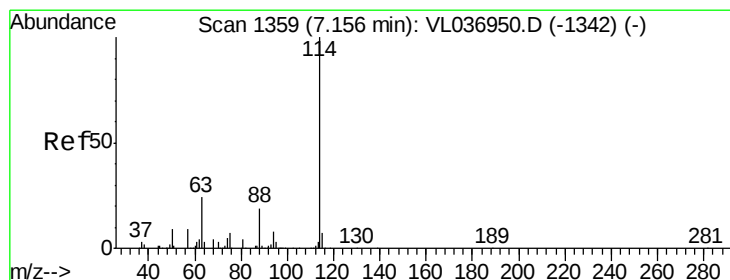
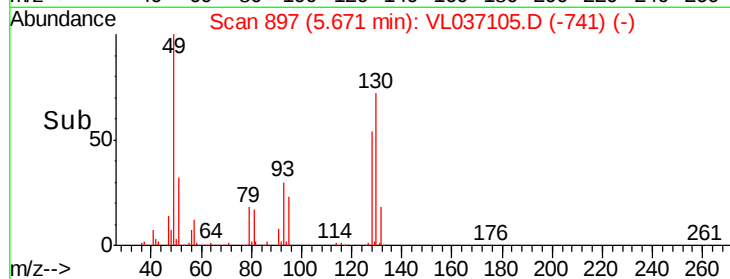
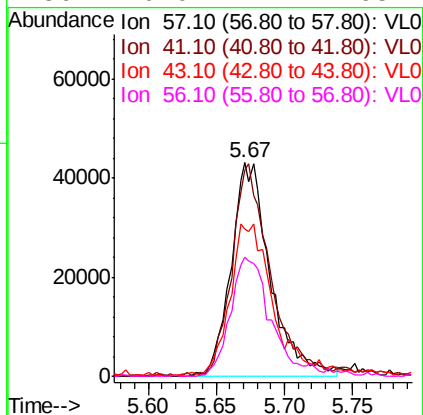
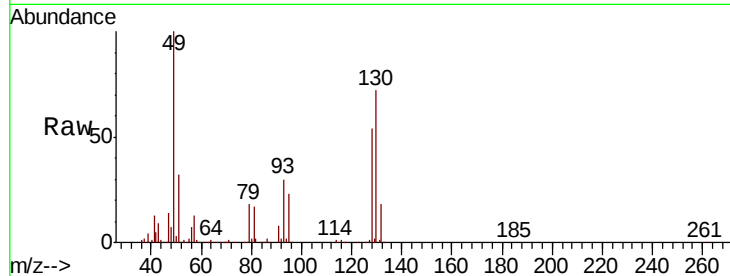
#26
Hexane
Concen: 0.488 ppbv m
RT: 5.67 min Scan# 897
Delta R.T. 0.00 min
Lab File: VL037105.D
Acq: 2 Jun 2021 17:12

Instrument :
MSVOA_L
ClientSampleId :
IA-9ADL

Tot Ion	Ratio	Lower	Upper
57	100		
41	100.7	70.5	105.7
43	0.0	165.8	248.8#
56	0.0	42.2	63.4#

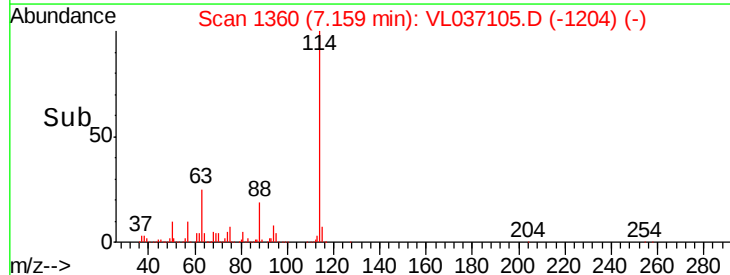
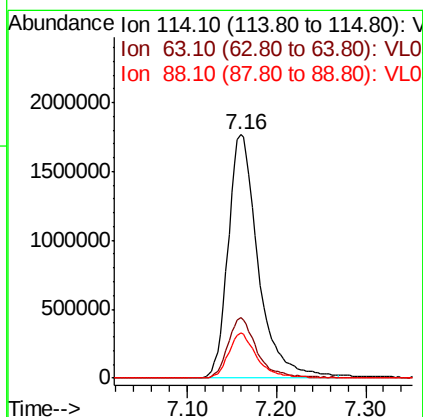
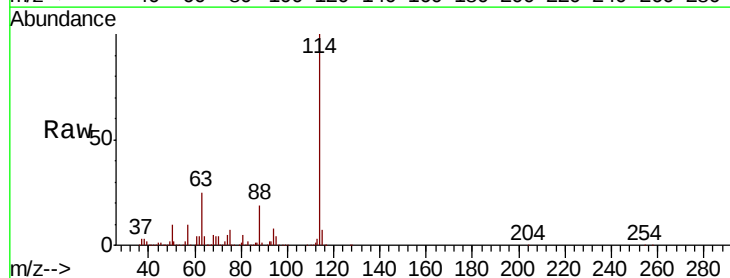
Manual Integrations
APPROVED

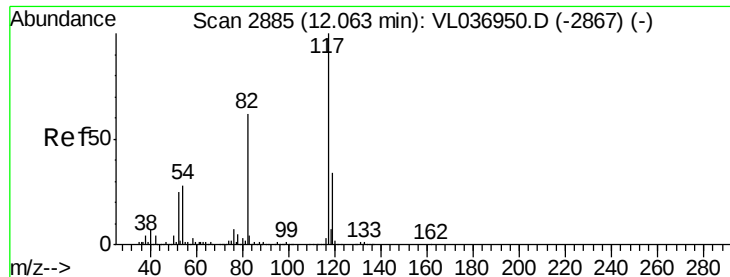
MMDadoda
6/7/2021 3:00:39 PM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. 0.00 min
Lab File: VL037105.D
Acq: 2 Jun 2021 17:12

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.4	19.6	29.4
88	17.8	14.6	21.8





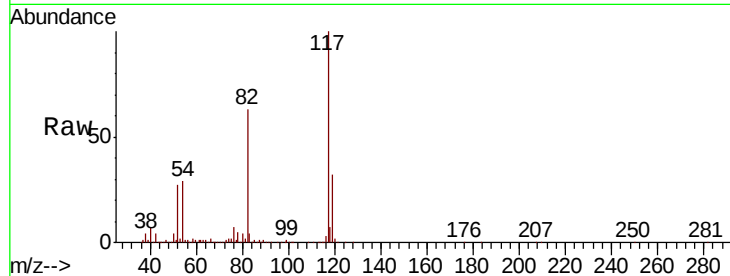
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. 0.01 min
Lab File: VL037105.D
Acq: 2 Jun 2021 17:12

Instrument :
MSVOA_L
ClientSampleId :
IA-9ADL

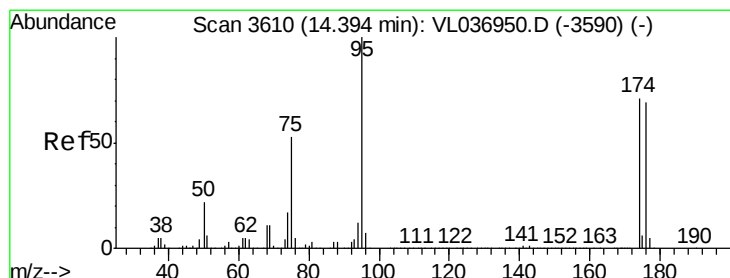
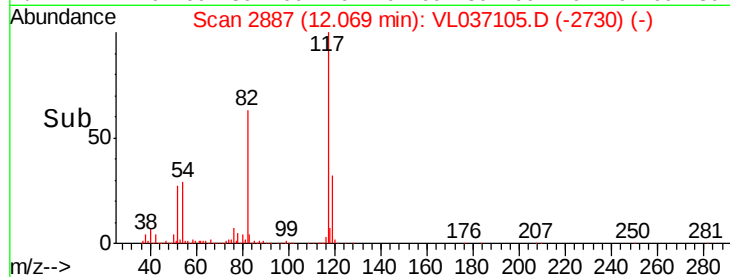
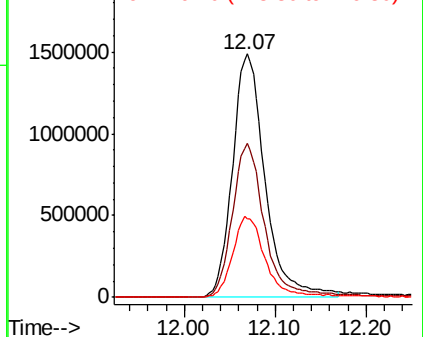
Tot Ion:117 Resp: 3706306
Ion Ratio Lower Upper
117 100
82 64.1 52.6 79.0
119 34.5 46.6 70.0#

Manual Integrations
APPROVED

MMDadoda
6/7/2021 3:00:39 PM

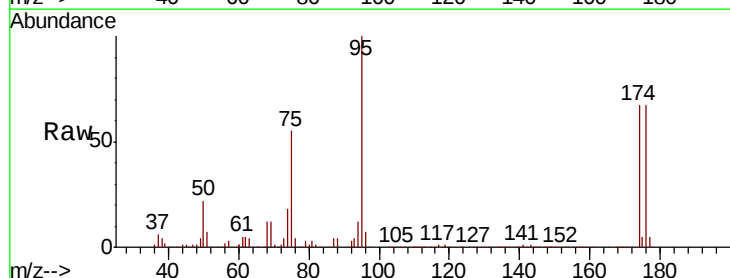


Abundance Ion 117.10 (116.80 to 117.80): V
2000000 Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.552 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. 0.01 min
Lab File: VL037105.D
Acq: 2 Jun 2021 17:12

Tgt Ion: 95 Resp: 2659599
Ion Ratio Lower Upper
95 100
174 76.5 58.4 87.6
175 5.7 4.4 6.6



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

