

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112018\
 Data File : VL032801.D
 Acq On : 21 Nov 2018 5:51
 Operator : SY/AP
 Sample : J6015-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 9:19:03 AM

Quant Time: Nov 21 07:14:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:14:03 2018
 QLast Update : Wed Nov 14 07:00:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1331918	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3417017	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3039101	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2379815	10.47	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.66	45	119356	8.623	ppbv	98
15) Acetone	3.92	43	53205	0.437	ppbv	92
19) Isopropyl Alcohol	4.05	45	20480m	0.253	ppbv	

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

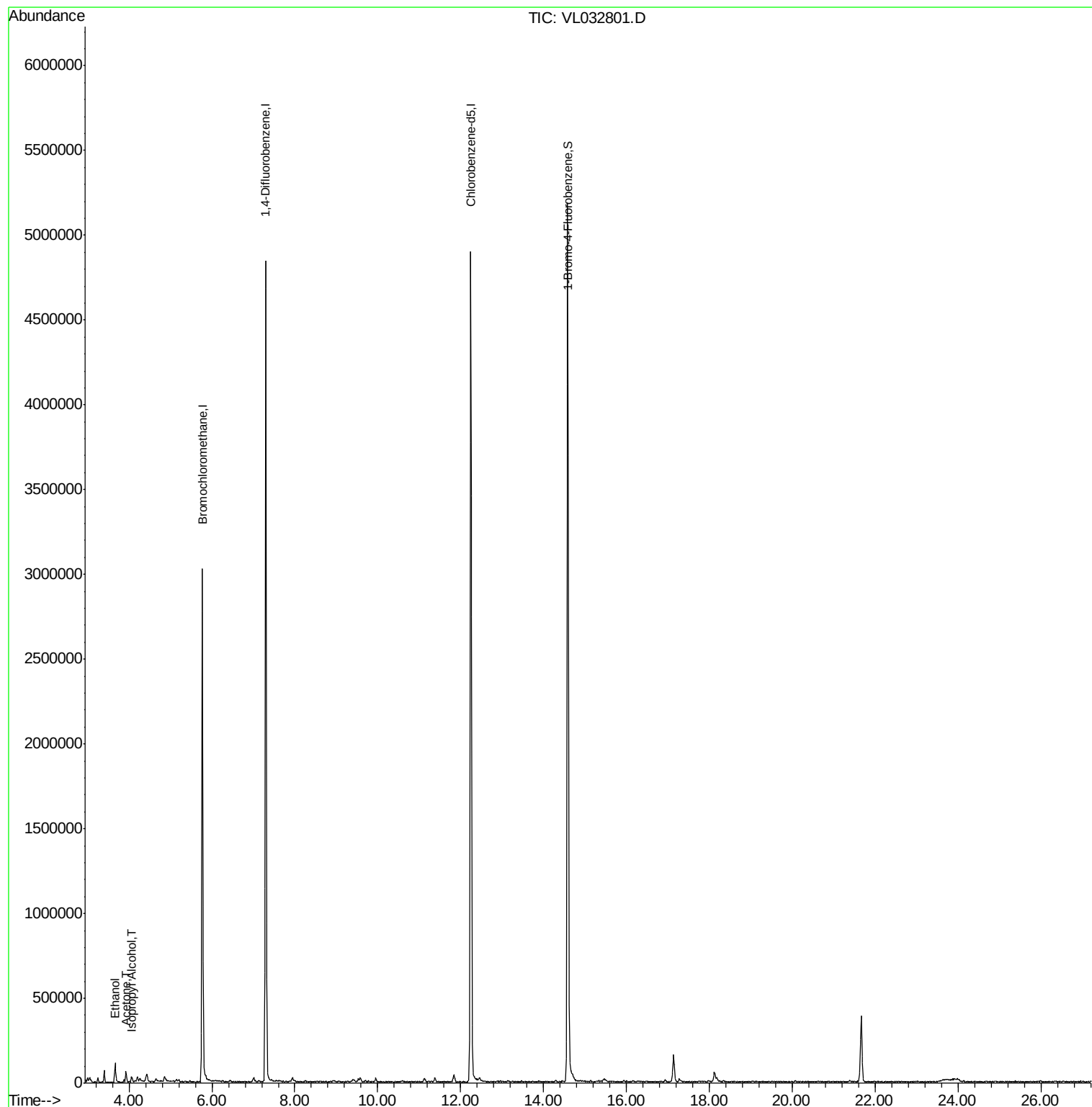
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL112018\
Data File : VL032801.D
Acq On : 21 Nov 2018 5:51
Operator : SY/AP
Sample : J6015-01DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

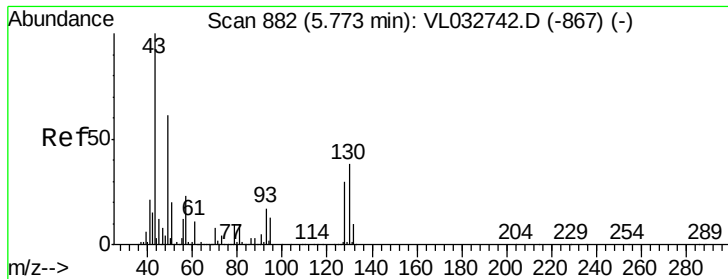
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Manual Integrations
APPROVED

MMDadoda
11/26/2018 9:19:03 AM

Quant Time: Nov 21 07:14:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.01 min

Lab File: VL032801.D

Acq: 21 Nov 2018 5:51

Instrument :

MSVOA_L

ClientSampled :

IA-1DL

Tot Ion: 49 Resp: 1331918

Ion Ratio Lower Upper

49 100

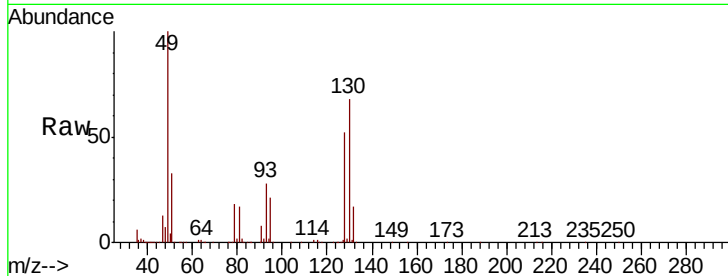
128 52.6 24.9 74.6

130 67.7 31.4 94.2

Manual Integrations
APPROVED

MMDadoda

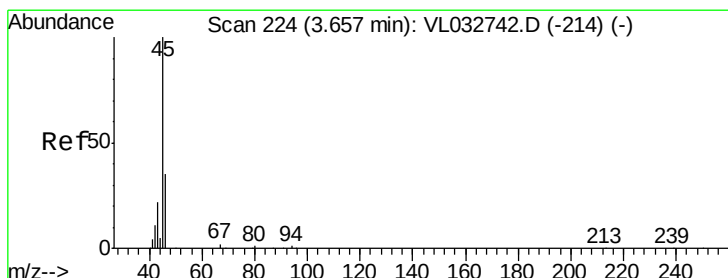
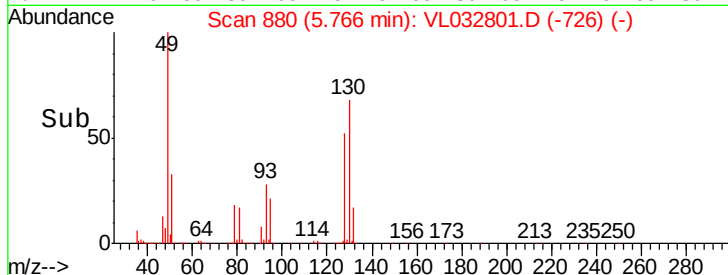
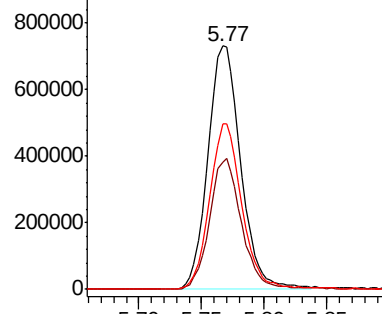
11/26/2018 9:19:03 AM



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



#13

Ethanol

Concen: 8.623 ppbv

RT: 3.66 min Scan# 224

Delta R.T. 0.00 min

Lab File: VL032801.D

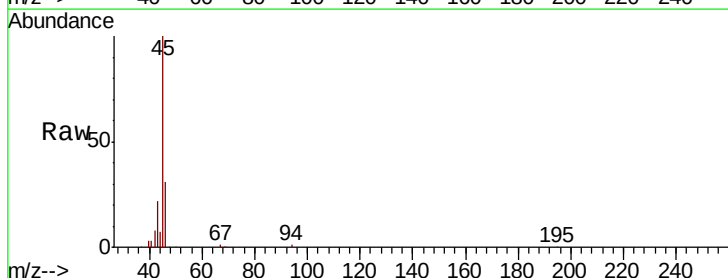
Acq: 21 Nov 2018 5:51

Tgt Ion: 45 Resp: 119356

Ion Ratio Lower Upper

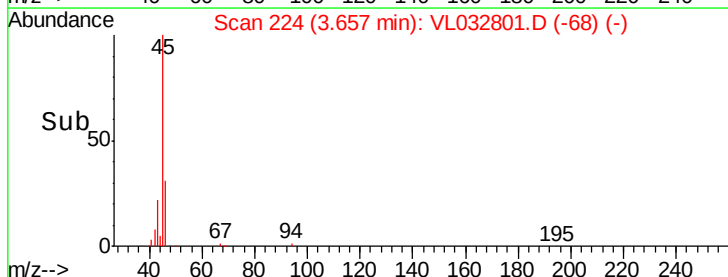
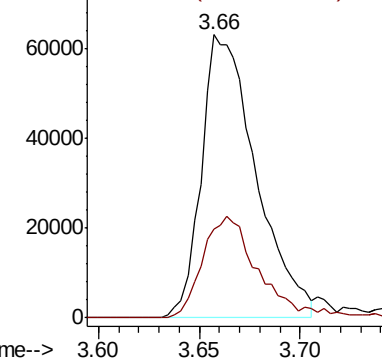
45 100

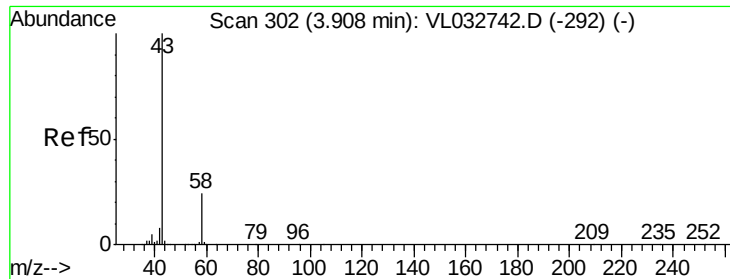
46 37.2 14.5 57.9



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





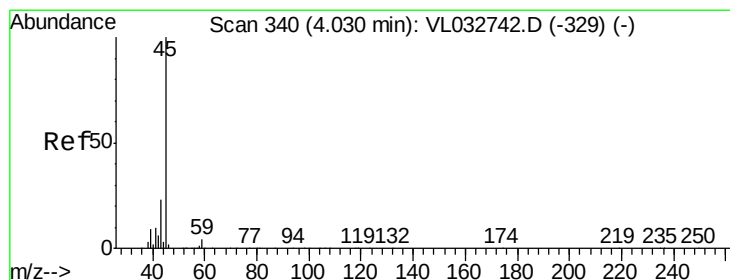
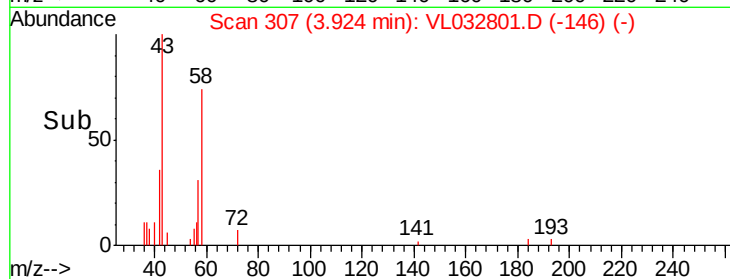
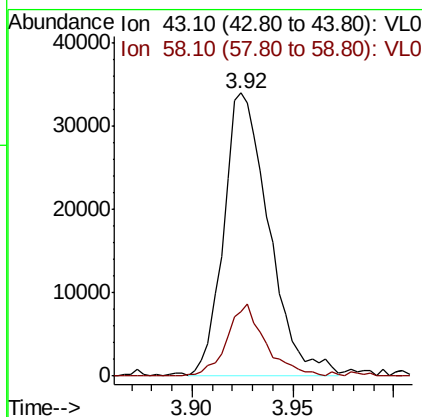
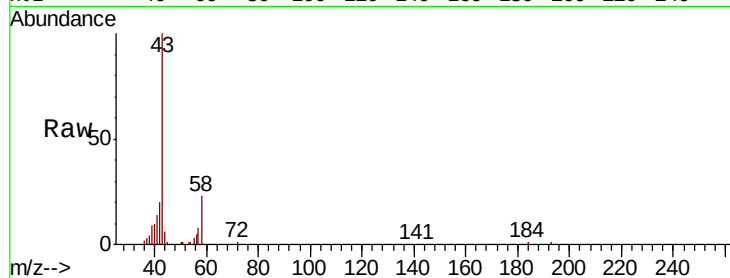
#15
Acetone
Concen: 0.437 ppbv
RT: 3.92 min Scan# 307
Delta R.T. 0.02 min
Lab File: VL032801.D
Acq: 21 Nov 2018 5:51

Instrument :
MSVOA_L
ClientSampled :
IA-1DL

Tot Ion	Ratio	Lower	Upper
43	100		
58	22.4	21.1	31.7

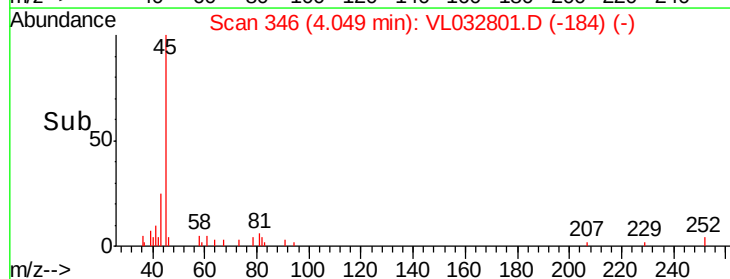
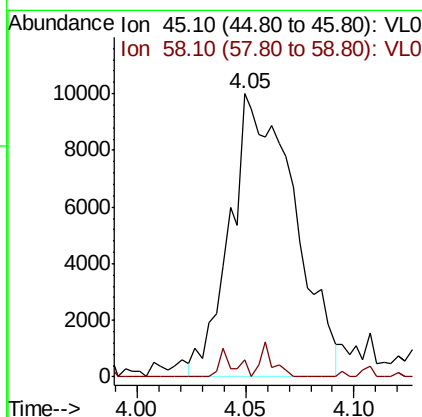
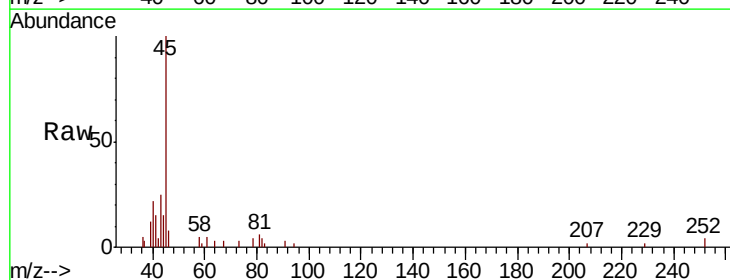
Manual Integrations
APPROVED

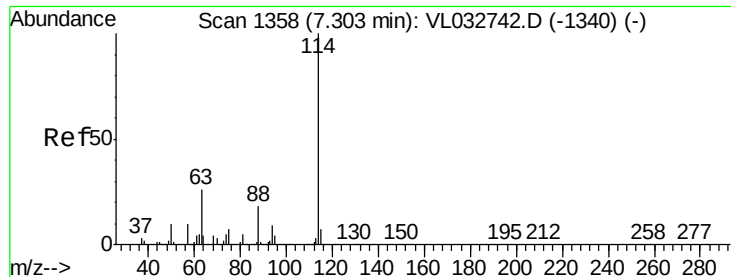
MMDadoda
11/26/2018 9:19:03 AM



#19
Isopropyl Alcohol
Concen: 0.253 ppbv m
RT: 4.05 min Scan# 346
Delta R.T. 0.02 min
Lab File: VL032801.D
Acq: 21 Nov 2018 5:51

Tgt Ion	Ratio	Lower	Upper
45	100		
58	4.7	1.4	2.0#





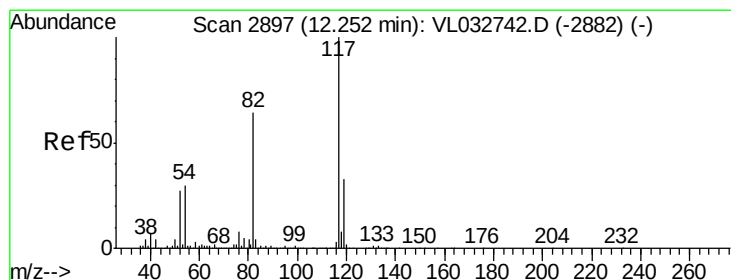
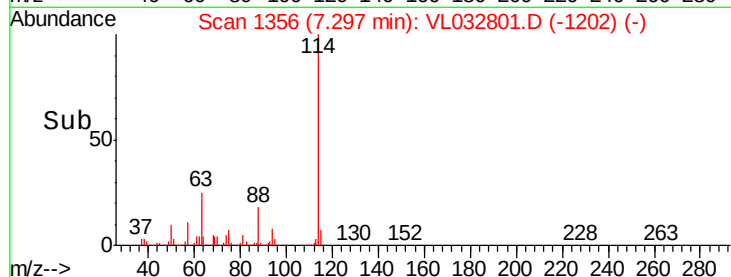
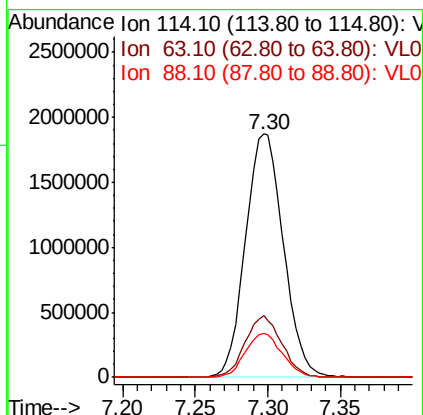
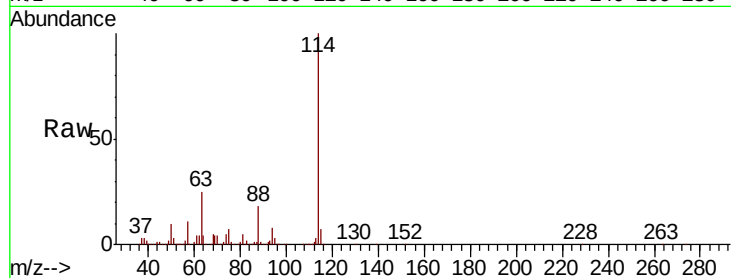
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.30 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: VL032801.D
 Acq: 21 Nov 2018 5:51

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.5	20.9	31.3
88	17.7	14.4	21.6

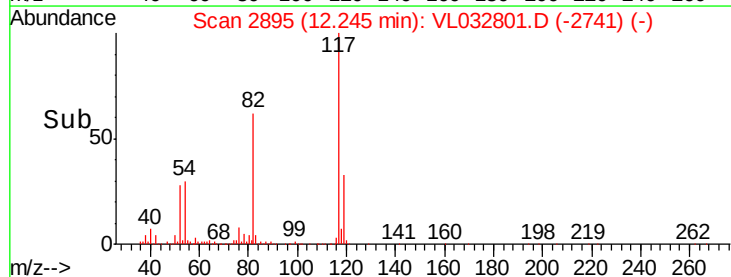
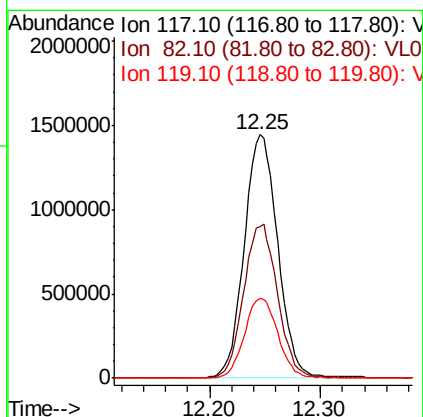
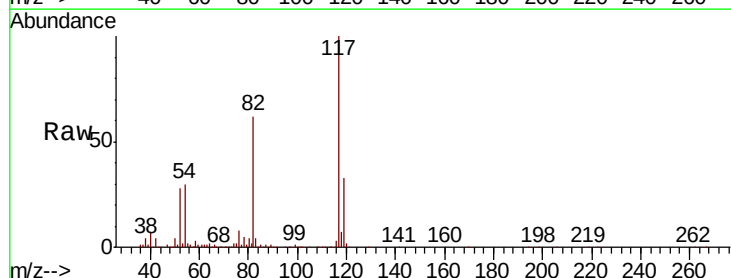
Manual Integrations
 APPROVED

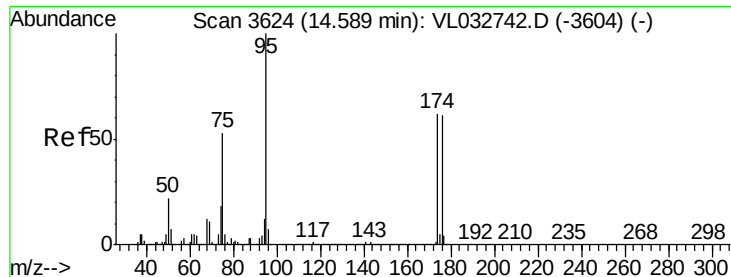
MMDadoda
 11/26/2018 9:19:03 AM



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.25 min Scan# 2895
 Delta R.T. -0.01 min
 Lab File: VL032801.D
 Acq: 21 Nov 2018 5:51

Tgt Ion	Ratio	Lower	Upper
117	100		
82	64.1	51.0	76.6
119	33.1	28.0	42.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.470 ppbv
 RT: 14.58 min Scan# 3622
 Delta R.T. -0.01 min
 Lab File: VL032801.D
 Acq: 21 Nov 2018 5:51

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	68.0	50.7	76.1
175	4.9	3.8	5.6

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 9:19:03 AM

