

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040121\
 Data File : VL036632.D
 Acq On : 1 Apr 2021 14:51
 Operator : SY/AP
 Sample : M1841-04DL2 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 PBS-SS-1DL2

Manual Integrations
 APPROVED

MMDadoda
 4/2/2021 6:55:06 PM

Quant Time: Apr 02 09:01:06 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1457964	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3251625	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2919837	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2342803	10.07	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.63	45	105093m	10.163	ppbv	
15) Acetone	3.87	43	780519	5.439	ppbv	96
19) Isopropyl Alcohol	4.00	45	224813m	2.848	ppbv	

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

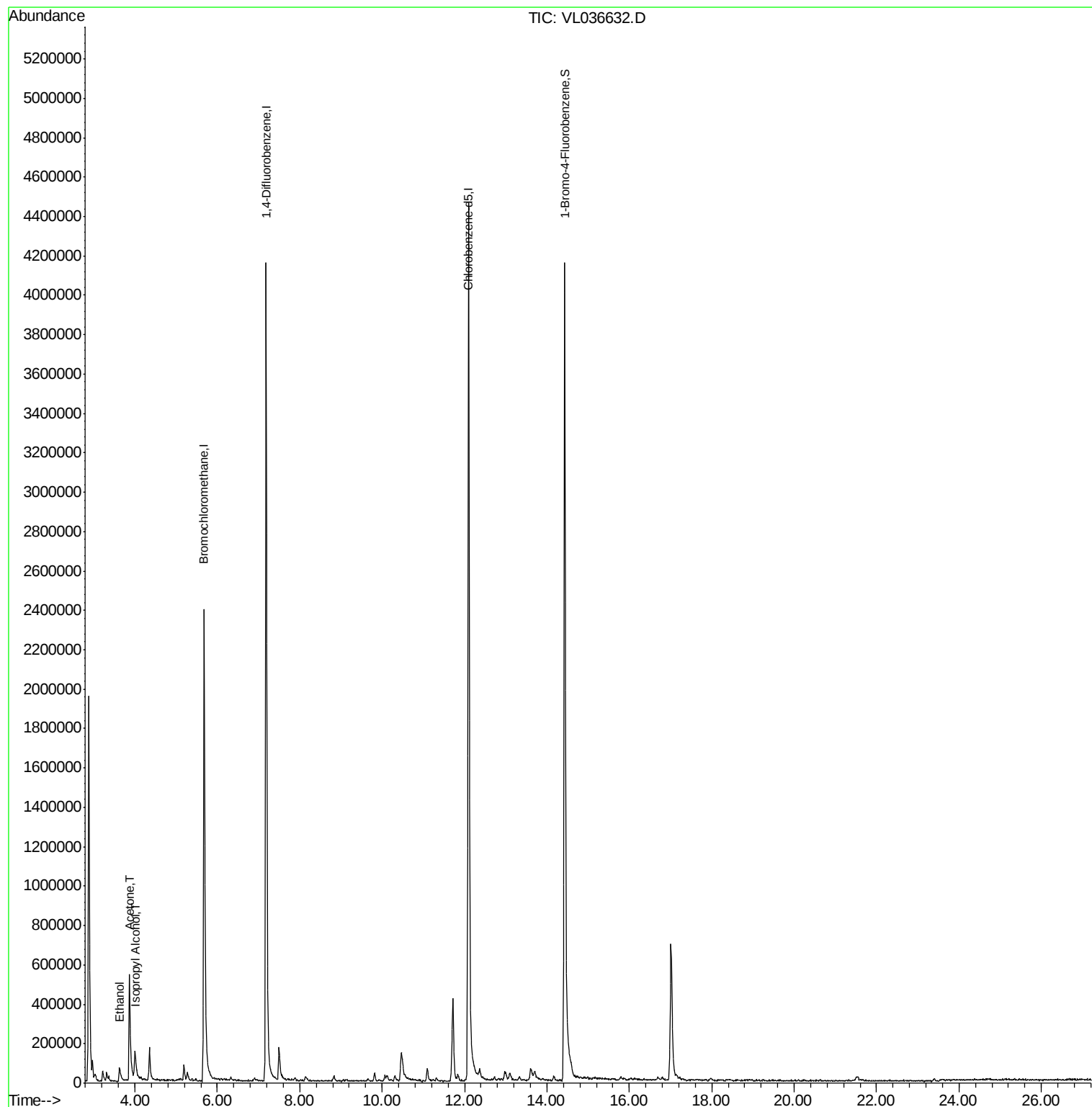
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040121\
Data File : VL036632.D
Acq On : 1 Apr 2021 14:51
Operator : SY/AP
Sample : M1841-04DL2 40X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
PBS-SS-1DL2

Manual Integrations
APPROVED

MMDadoda
4/2/2021 6:55:06 PM

Quant Time: Apr 02 09:01:06 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

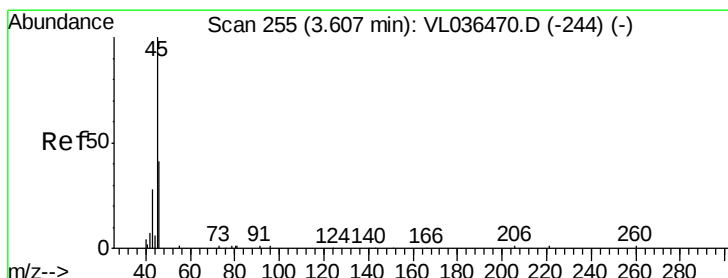
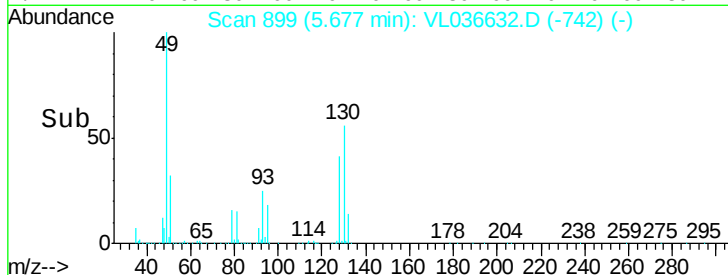
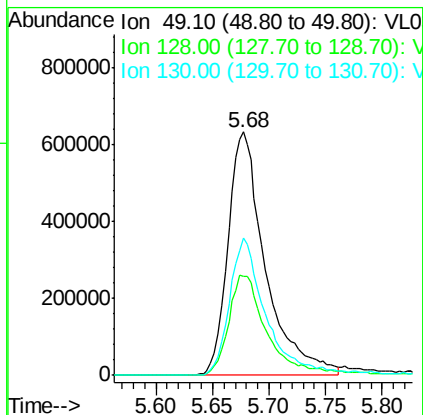
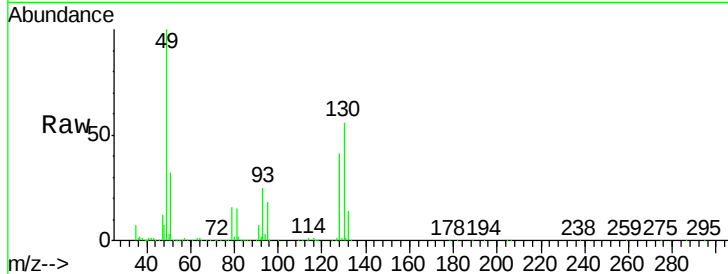
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.68 min Scan# 899
 Delta R.T. 0.01 min
 Lab File: VL036632.D
 Acq: 1 Apr 2021 14:51

Instrument :
 MSVOA_L
 ClientSampleId :
 PBS-SS-1DL2

Tot Ion: 49 Resp: 1457964
 Ion Ratio Lower Upper
 49 100
 128 44.2 23.5 70.6
 130 57.6 29.1 87.4

Manual Integrations
 APPROVED

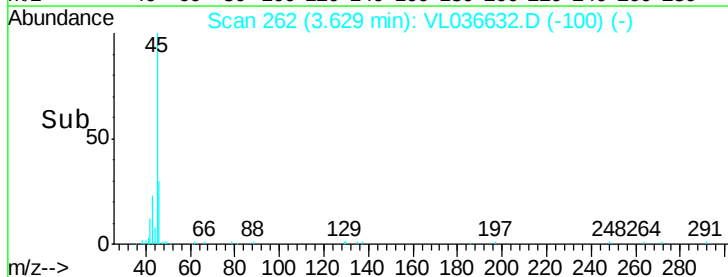
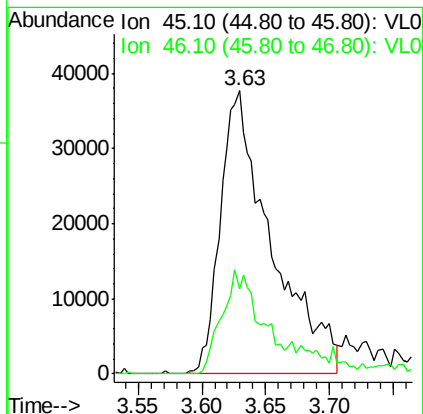
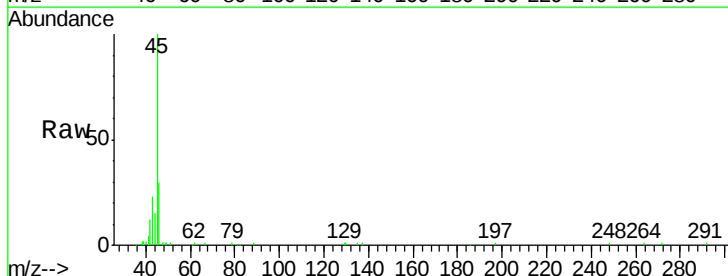
MMDadoda
 4/2/2021 6:55:06 PM

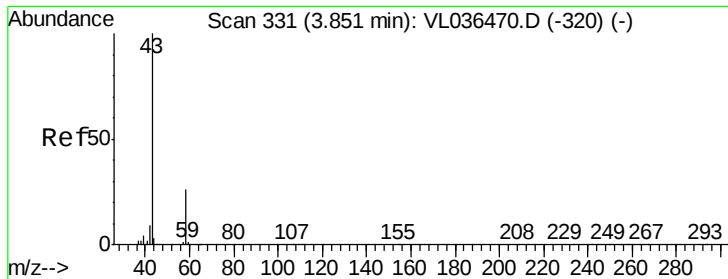


#13

Ethanol
 Concen: 10.163 ppbv m
 RT: 3.63 min Scan# 262
 Delta R.T. 0.02 min
 Lab File: VL036632.D
 Acq: 1 Apr 2021 14:51

Tgt Ion: 45 Resp: 105093
 Ion Ratio Lower Upper
 45 100
 46 36.1 16.6 66.2





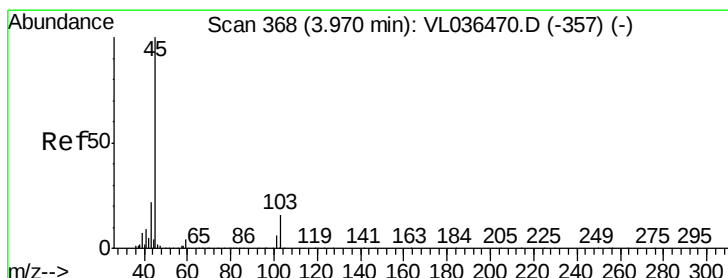
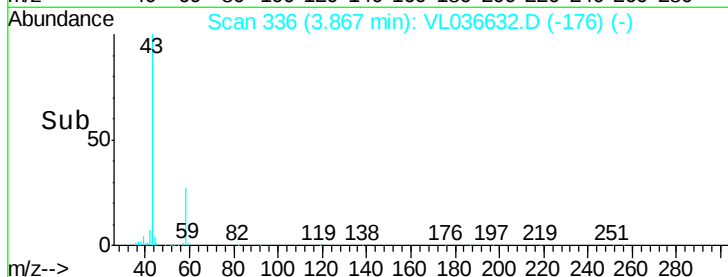
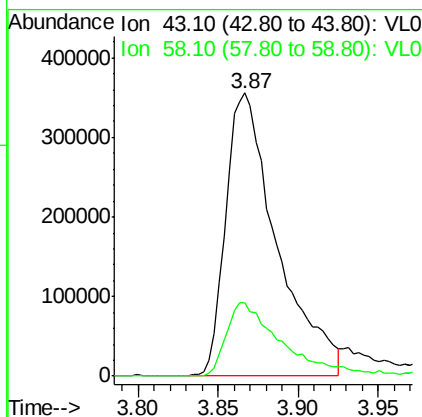
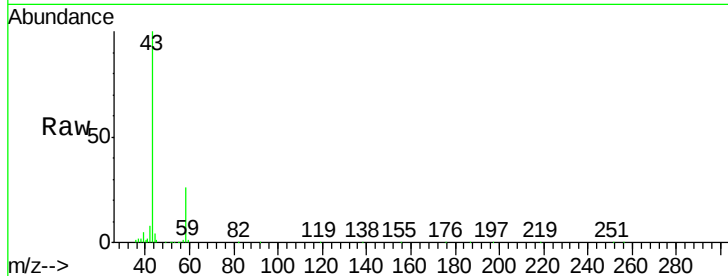
#15
Acetone
Concen: 5.439 ppbv
RT: 3.87 min Scan# 336
Delta R.T. 0.02 min
Lab File: VL036632.D
Acq: 1 Apr 2021 14:51

Instrument :
MSVOA_L
ClientSampleId :
PBS-SS-1DL2

Tot Ion	43	Resp	780519
Ion Ratio	100	Lower	Upper
43	100		
58	28.6	21.2	31.8

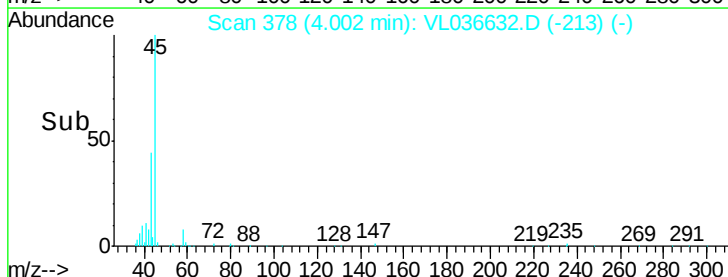
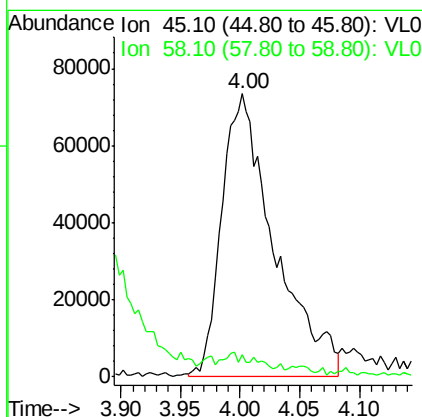
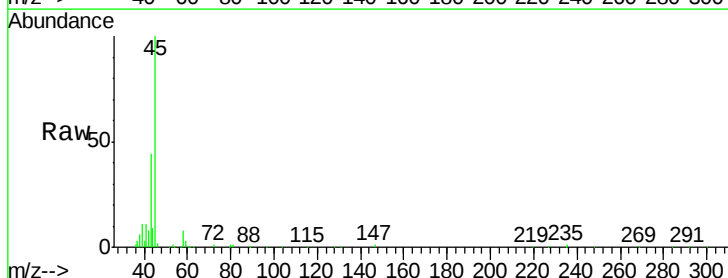
Manual Integrations
APPROVED

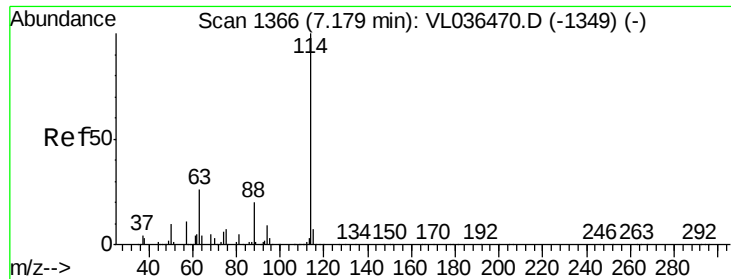
MMDadoda
4/2/2021 6:55:06 PM



#19
Isopropyl Alcohol
Concen: 2.848 ppbv m
RT: 4.00 min Scan# 378
Delta R.T. 0.03 min
Lab File: VL036632.D
Acq: 1 Apr 2021 14:51

Tgt Ion	45	Resp	224813
Ion Ratio	100	Lower	Upper
45	100		
58	9.4	2.9	4.3#





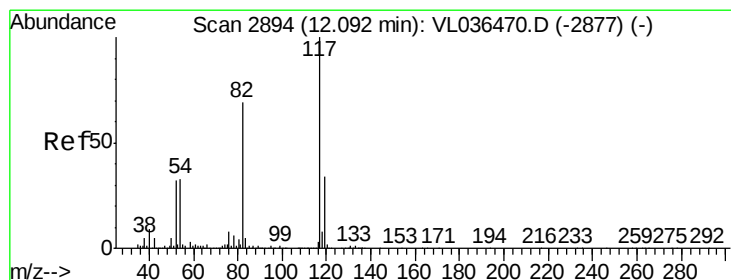
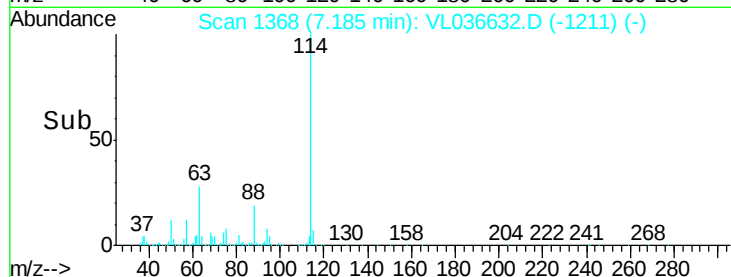
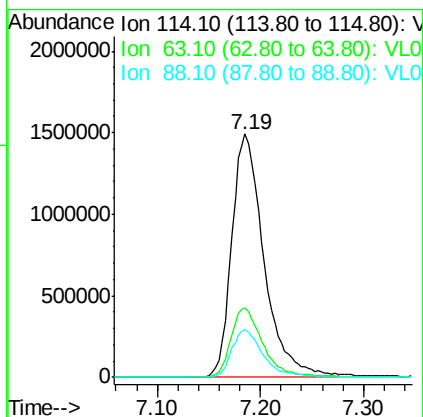
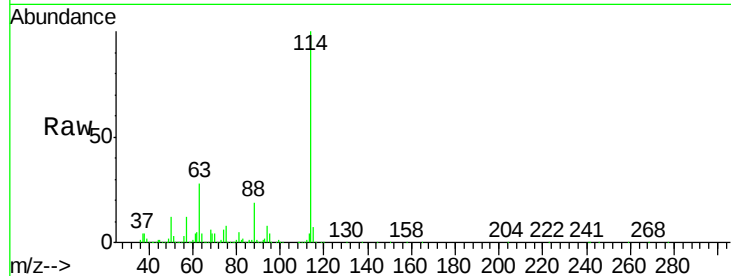
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: VL036632.D
 Acq: 1 Apr 2021 14:51

Instrument :
 MSVOA_L
 ClientSampleId :
 PBS-SS-1DL2

Tot Ion	Ratio	Lower	Upper
114	100		
63	28.9	22.4	33.6
88	19.3	15.4	23.0

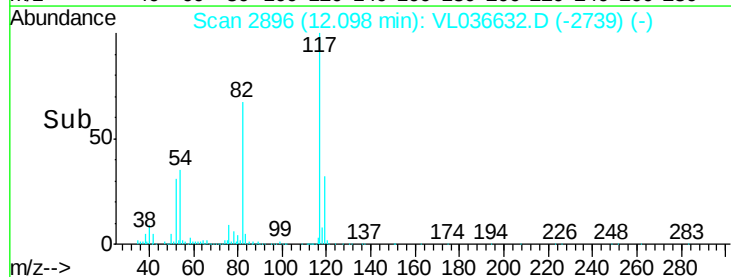
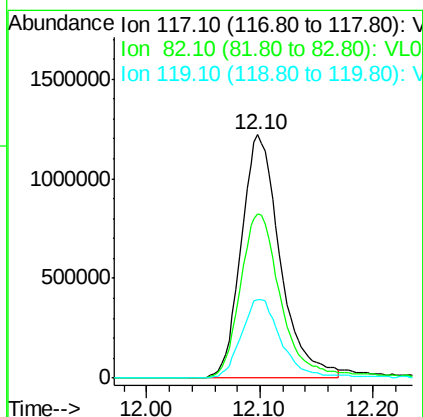
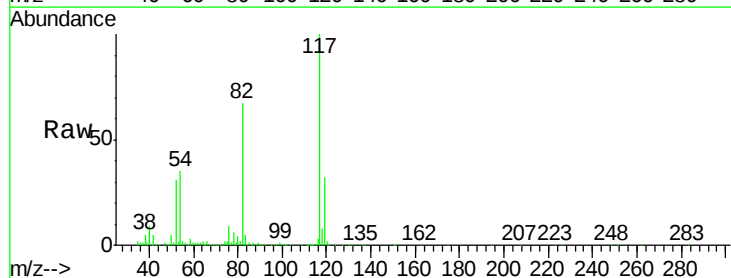
Manual Integrations
 APPROVED

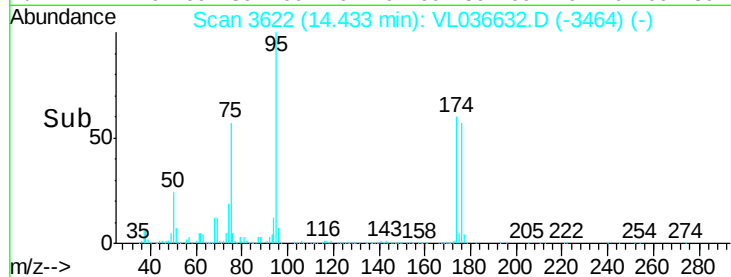
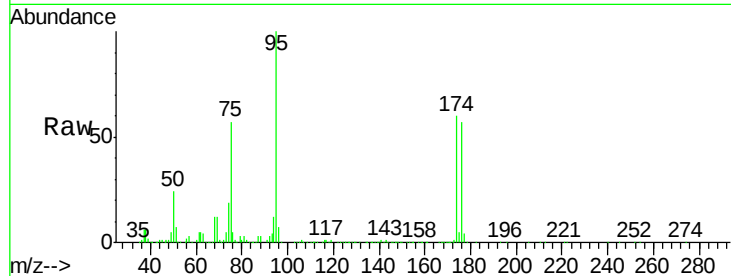
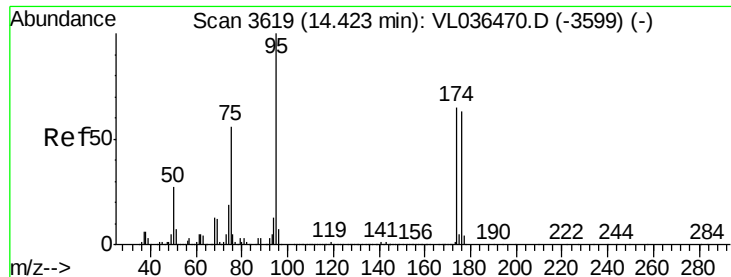
MMDadoda
 4/2/2021 6:55:06 PM



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2896
 Delta R.T. 0.01 min
 Lab File: VL036632.D
 Acq: 1 Apr 2021 14:51

Tgt Ion	Ratio	Lower	Upper
117	100		
82	72.8	57.4	86.0
119	34.2	47.4	71.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.067 ppbv

RT: 14.43 min Scan# 3622

Delta R.T. 0.01 min

Lab File: VL036632.D

Acq: 1 Apr 2021 14:51

Tot Ion: 95 Resp: 2342803

Ion Ratio Lower Upper

95 100

174 62.7 51.0 76.6

175 4.5 3.9 5.9

Instrument :

MSVOA_L

ClientSampleId :

PBS-SS-1DL2

Manual Integrations
APPROVED

MMDadoda
4/2/2021 6:55:06 PM

