

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012821\
 Data File : VL036288.D
 Acq On : 29 Jan 2021 8:49
 Operator : SY/AP
 Sample : M1245-02DL 80X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2DL

Manual Integrations
 APPROVED

MMDadoda
 2/1/2021 1:53:59 PM

Quant Time: Jan 31 17:20:54 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1523958	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3403977	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3100815	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2607669	10.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.60	45	1058559m	75.638	ppbv	
15) Acetone	3.84	43	1681317	9.008	ppbv	99
17) tert-Butyl alcohol	4.29	59	1173444m	7.619	ppbv	

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

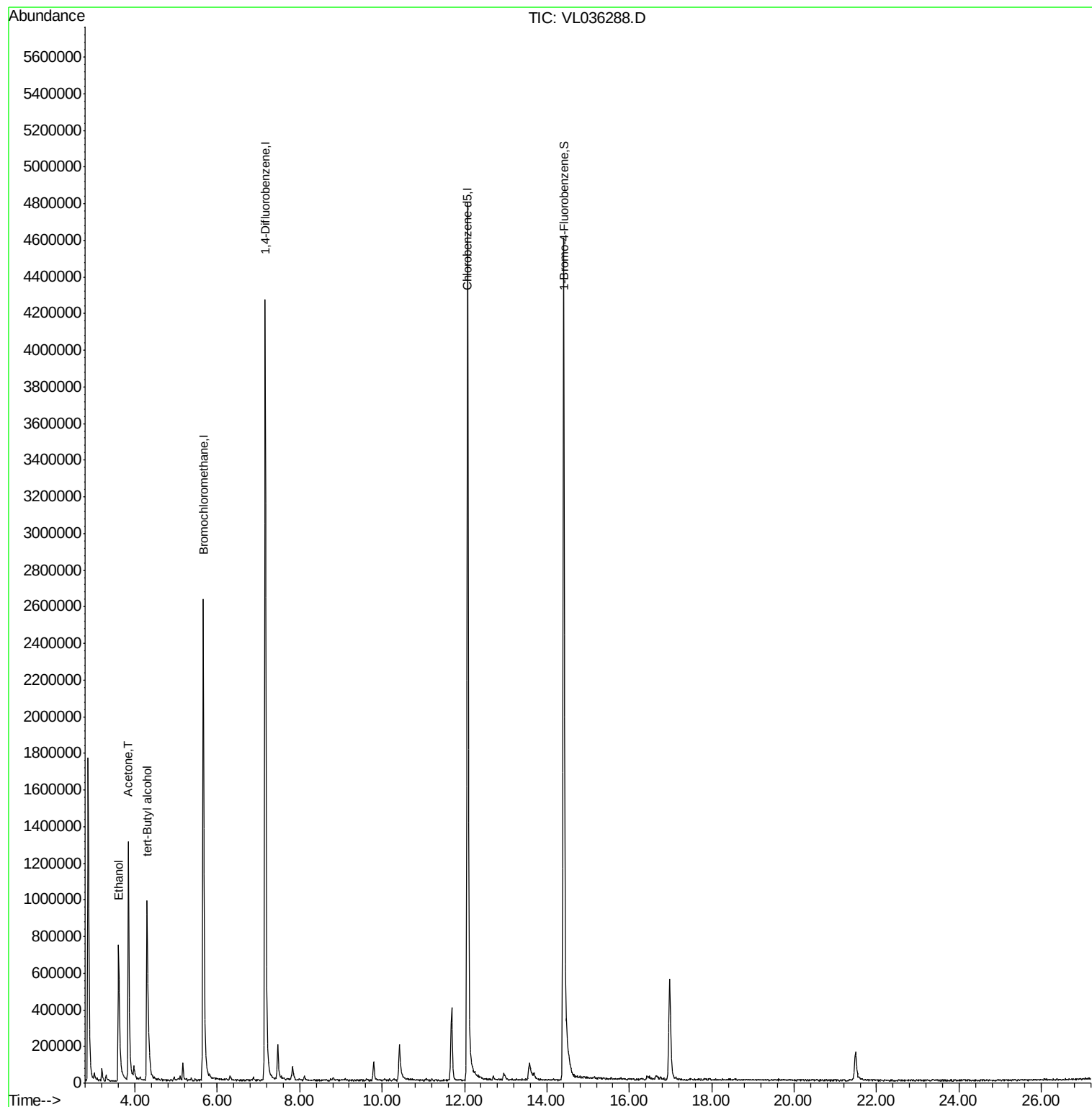
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL012821\
Data File : VL036288.D
Acq On : 29 Jan 2021 8:49
Operator : SY/AP
Sample : M1245-02DL 80X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

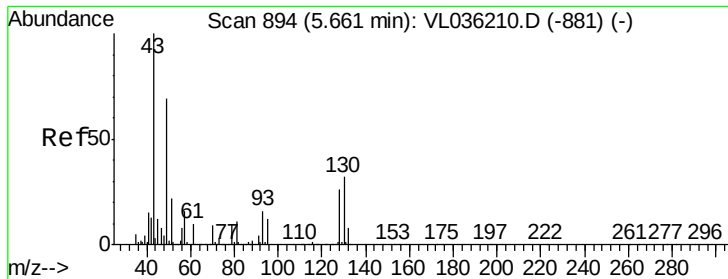
Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Manual Integrations
APPROVED

MMDadoda
2/1/2021 1:53:59 PM

Quant Time: Jan 31 17:20:54 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan
QLast Update : Thu Jan 14 16:13:38 2021
Response via : Initial Calibration





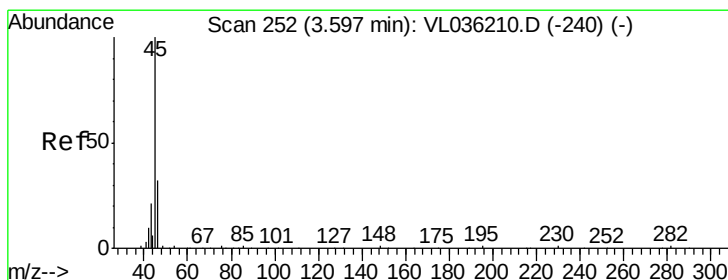
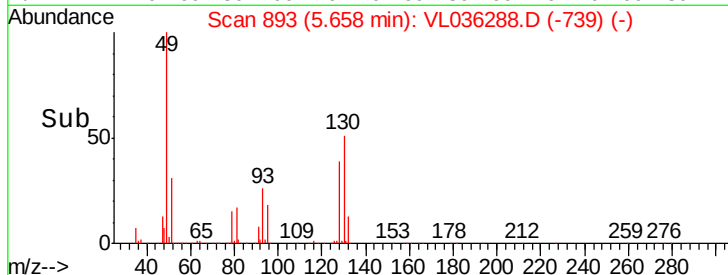
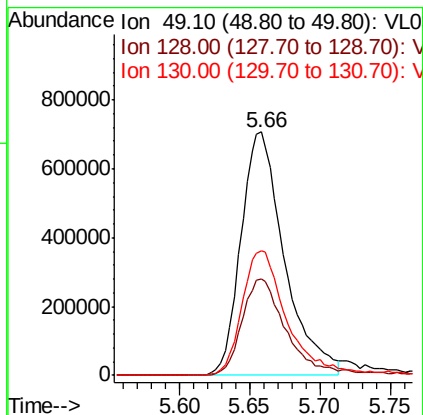
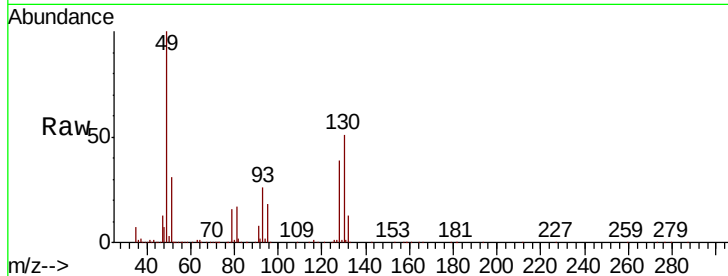
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.00 min
Lab File: VL036288.D
Acq: 29 Jan 2021 8:49

Instrument :
MSVOA_L
ClientSampled :
SS-2DL

Tot Ion: 49 Resp: 1523958
Ion Ratio Lower Upper
49 100
128 41.7 20.1 60.2
130 54.7 25.3 75.9

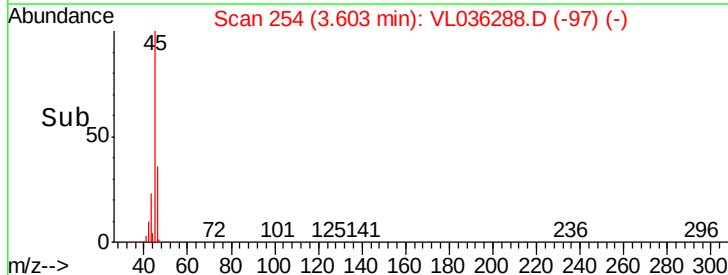
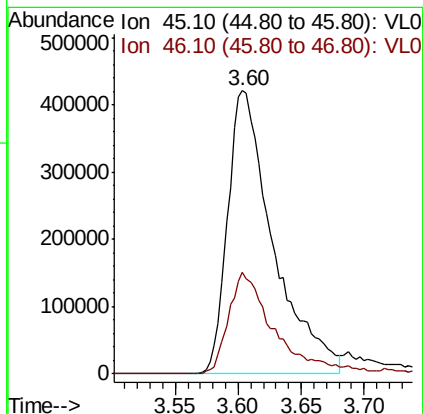
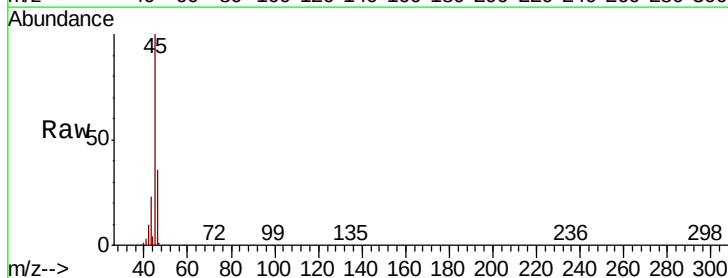
Manual Integrations
APPROVED

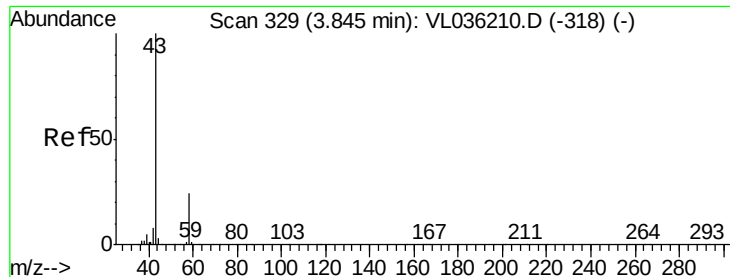
MMDadoda
2/1/2021 1:53:59 PM



#13
Ethanol
Concen: 75.638 ppbv m
RT: 3.60 min Scan# 254
Delta R.T. 0.01 min
Lab File: VL036288.D
Acq: 29 Jan 2021 8:49

Tgt Ion: 45 Resp: 1058559
Ion Ratio Lower Upper
45 100
46 36.1 19.2 77.0





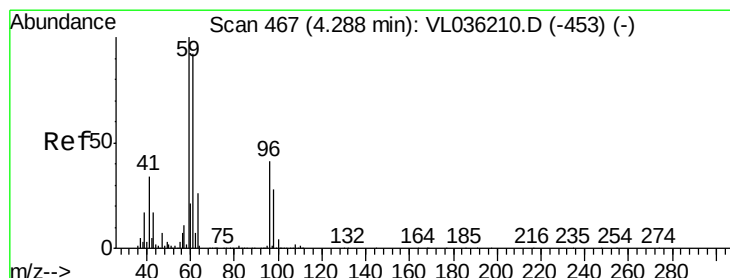
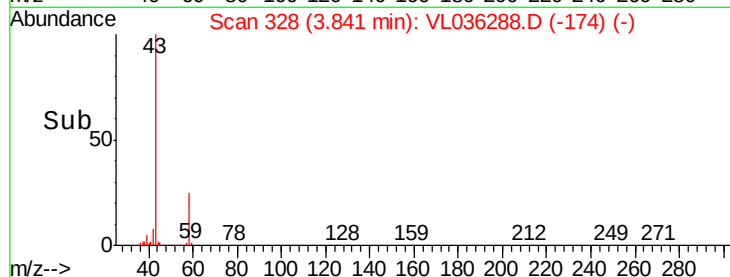
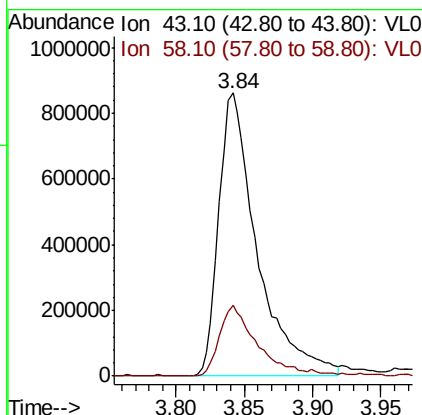
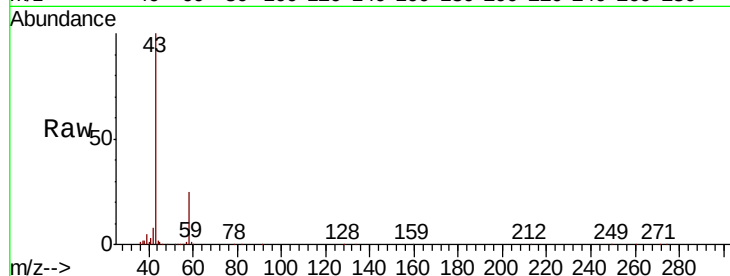
#15
Acetone
Concen: 9.008 ppbv
RT: 3.84 min Scan# 328
Delta R.T. -0.00 min
Lab File: VL036288.D
Acq: 29 Jan 2021 8:49

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Tot Ion: 43 Resp: 1681317
Ion Ratio Lower Upper
43 100
58 25.7 20.9 31.3

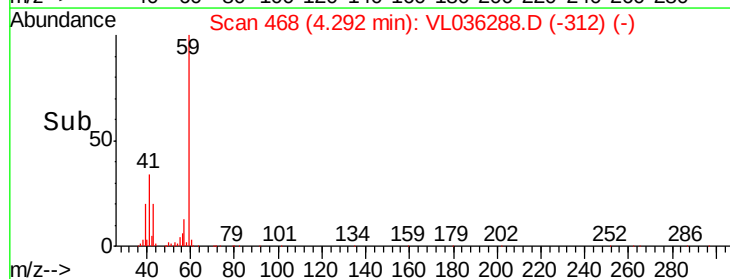
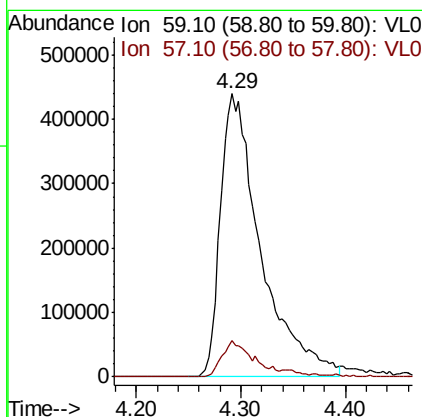
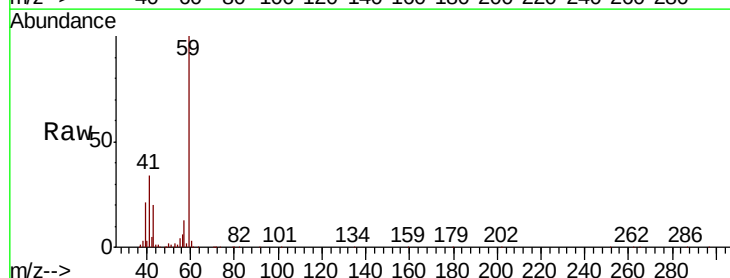
Manual Integrations
APPROVED

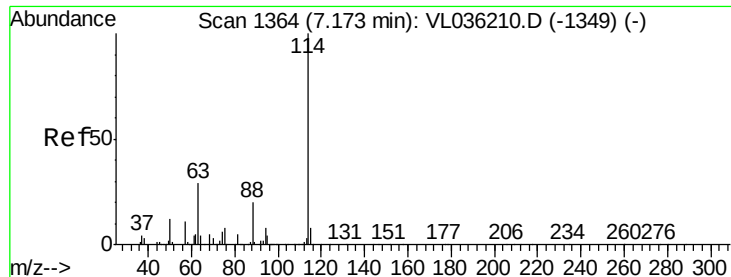
MMDadoda
2/1/2021 1:53:59 PM



#17
tert-Butyl alcohol
Concen: 7.619 ppbv m
RT: 4.29 min Scan# 468
Delta R.T. 0.00 min
Lab File: VL036288.D
Acq: 29 Jan 2021 8:49

Tgt Ion: 59 Resp: 1173444
Ion Ratio Lower Upper
59 100
57 11.5 9.2 13.8





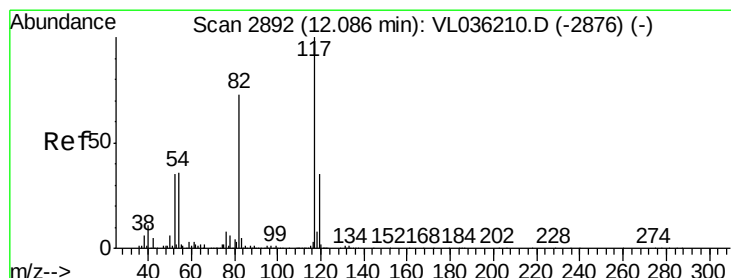
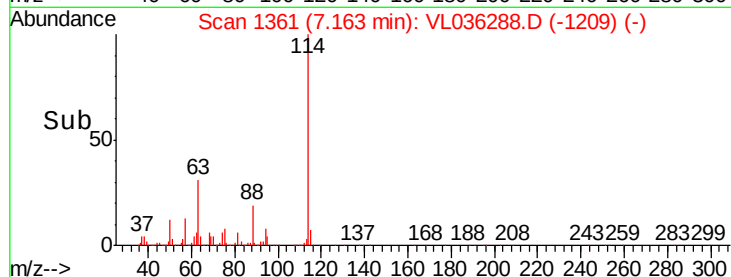
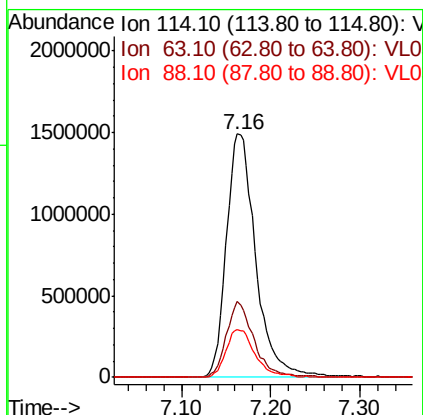
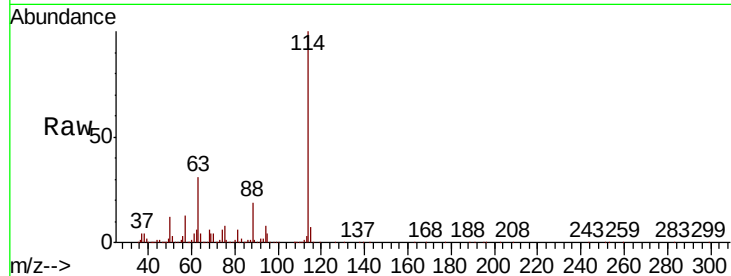
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: VL036288.D
 Acq: 29 Jan 2021 8:49

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	29.6	24.7	37.1
88	19.9	16.6	24.8

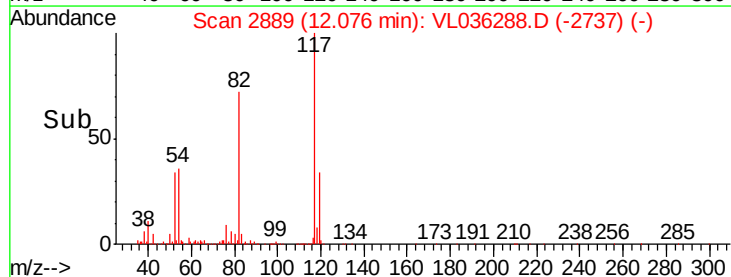
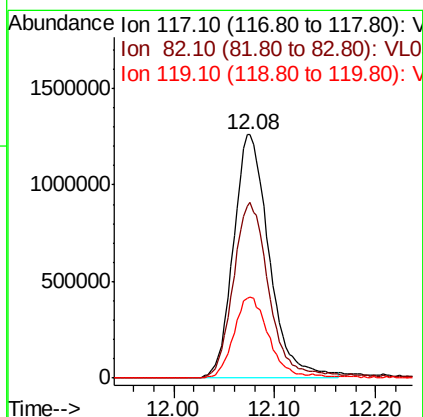
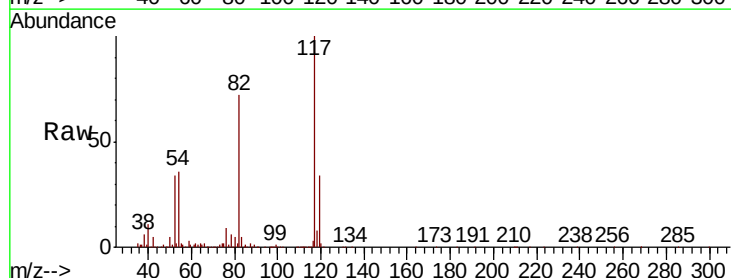
Manual Integrations
 APPROVED

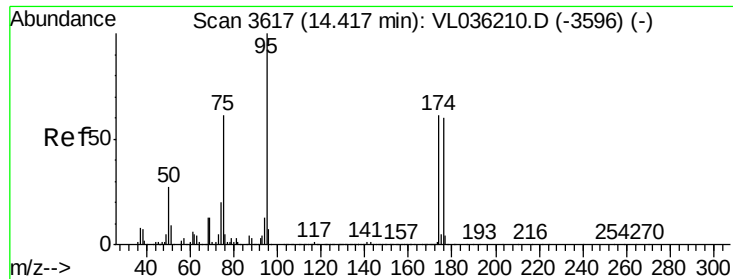
MMDadoda
 2/1/2021 1:53:59 PM



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min Scan# 2889
 Delta R.T. -0.01 min
 Lab File: VL036288.D
 Acq: 29 Jan 2021 8:49

Tgt Ion	Ratio	Lower	Upper
117	100		
82	72.8	59.7	89.5
119	33.7	28.6	43.0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.160 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. -0.01 min

Lab File: VL036288.D

Acq: 29 Jan 2021 8:49

Instrument :

MSVOA_L

ClientSampleId :

SS-2DL

Tot Ion: 95 Resp: 2607669

Ion Ratio Lower Upper

95 100

174 62.9 49.4 74.0

175 4.4 3.8 5.8

Manual Integrations
APPROVED

MMDadoda
2/1/2021 1:53:59 PM

