

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL011321\
 Data File : VL036221.D
 Acq On : 13 Jan 2021 11:57
 Operator : SY/AP
 Sample : M1066-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 0121-SS2DL

Manual Integrations
 APPROVED

MMDadoda
 1/18/2021 3:49:16 PM

Quant Time: Jan 16 22:01:15 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	5.67	49	1538679	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3287964	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2913196	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2483578	10.30	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	125102	1.390	ppbv	# 80
13) Ethanol	3.61	45	1200579m	84.965	ppbv	
15) Acetone	3.85	43	877043	4.654	ppbv	96
17) tert-Butyl alcohol	4.30	59	282915m	1.819	ppbv	
53) Toluene	9.81	91	68204m	0.202	ppbv	

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

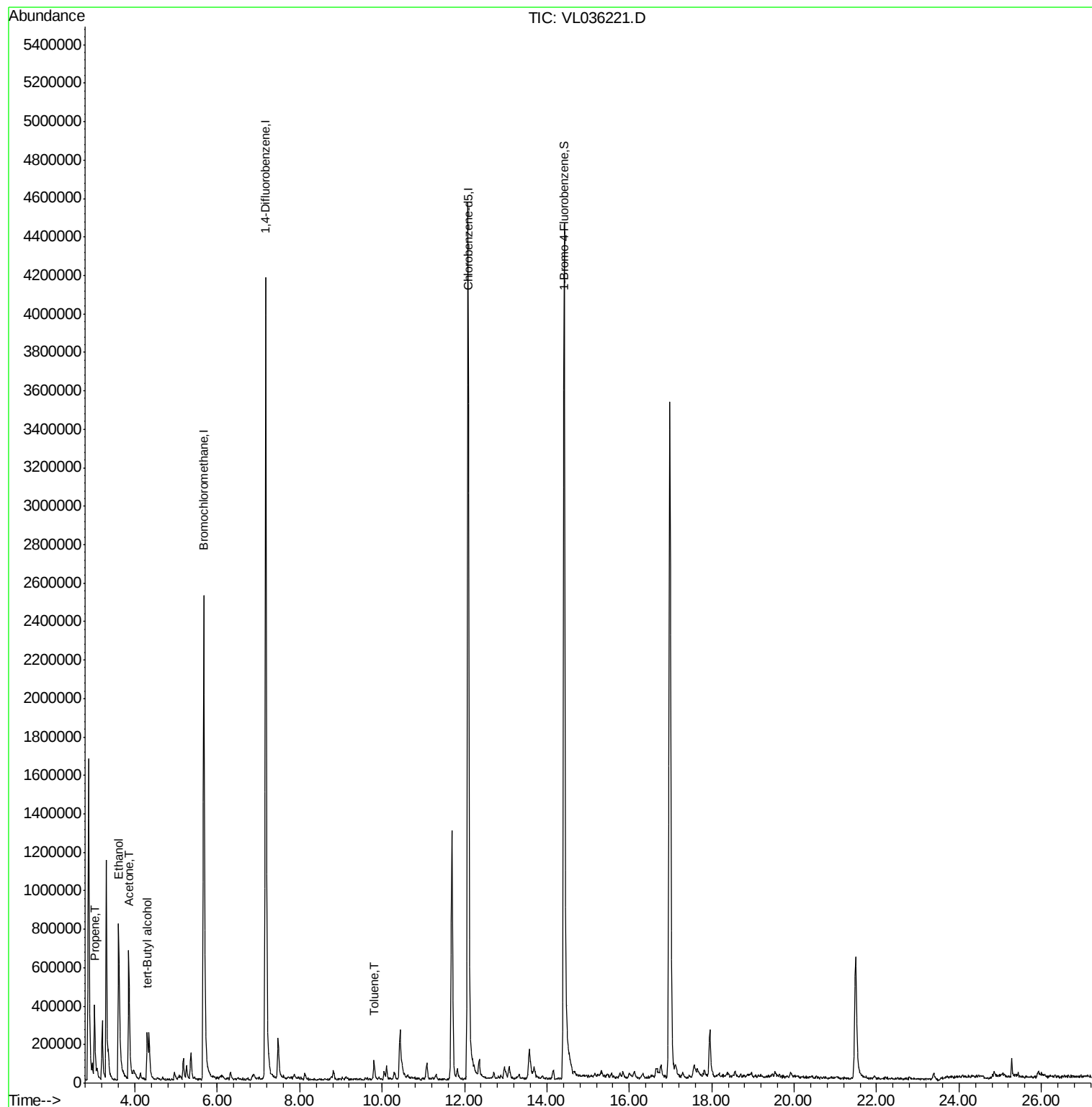
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL011321\
Data File : VL036221.D
Acq On : 13 Jan 2021 11:57
Operator : SY/AP
Sample : M1066-02DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 7 Sample Multiplier: 1

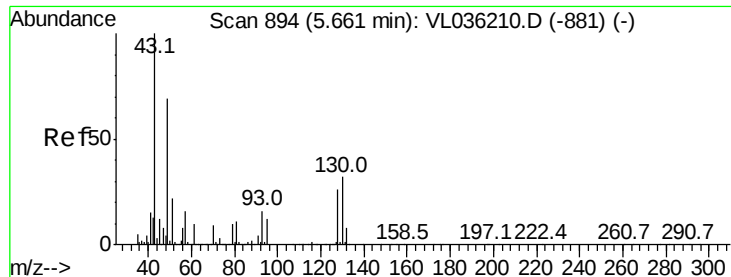
Instrument :
MSVOA_L
ClientSampleId :
0121-SS2DL

Manual Integrations
APPROVED

MMDadoda
1/18/2021 3:49:16 PM

Quant Time: Jan 16 22:01:15 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





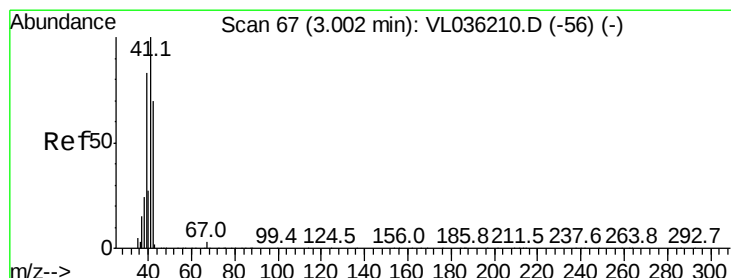
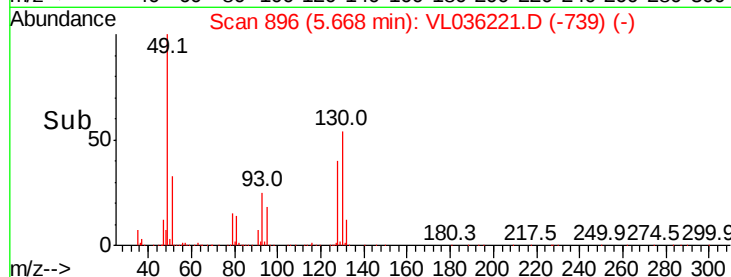
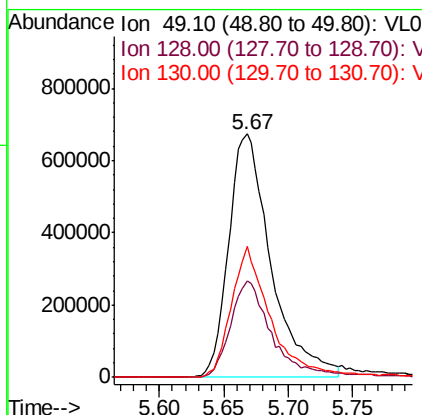
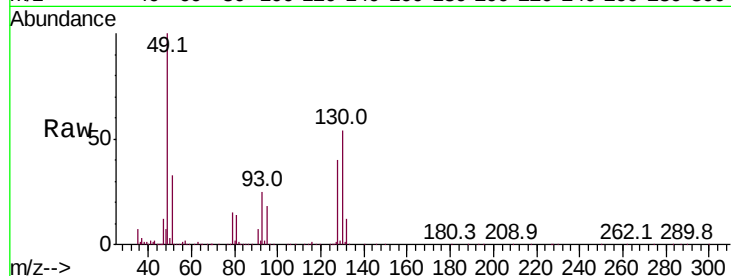
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.01 min
Lab File: VL036221.D
Acq: 13 Jan 2021 11:57

Instrument :
MSVOA_L
ClientSampleId :
0121-SS2DL

Tot Ion: 49 Resp: 1538679
Ion Ratio Lower Upper
49 100
128 39.9 20.1 60.2
130 51.4 25.3 75.9

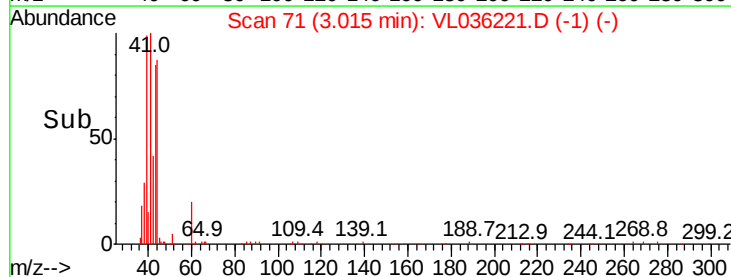
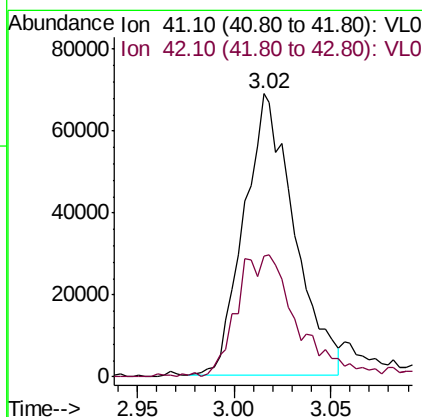
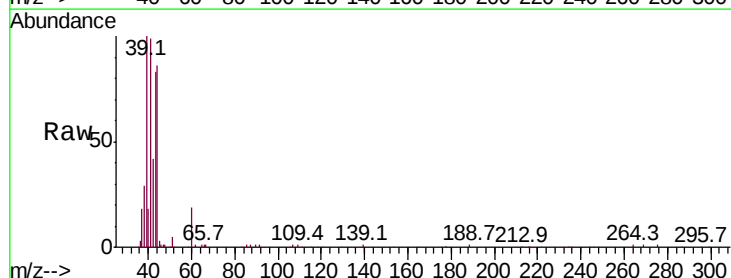
Manual Integrations
APPROVED

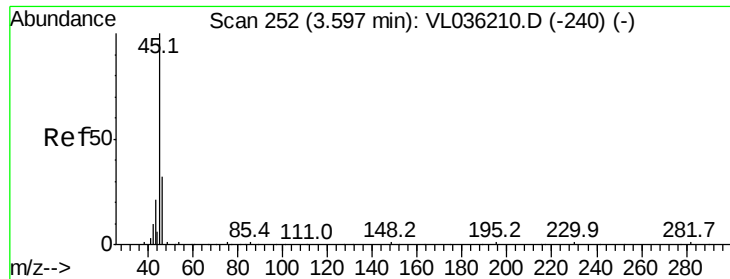
MMDadoda
1/18/2021 3:49:16 PM



#9
Propene
Concen: 1.390 ppbv
RT: 3.02 min Scan# 71
Delta R.T. 0.01 min
Lab File: VL036221.D
Acq: 13 Jan 2021 11:57

Tgt Ion: 41 Resp: 125102
Ion Ratio Lower Upper
41 100
42 54.7 57.1 85.7#





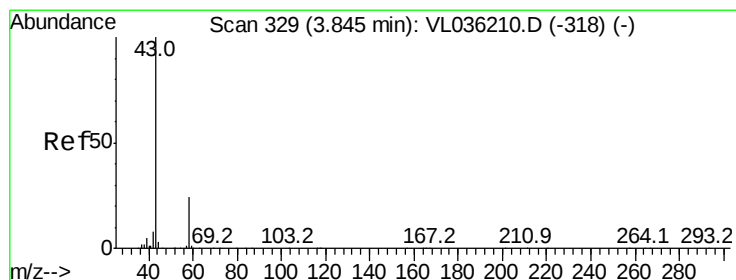
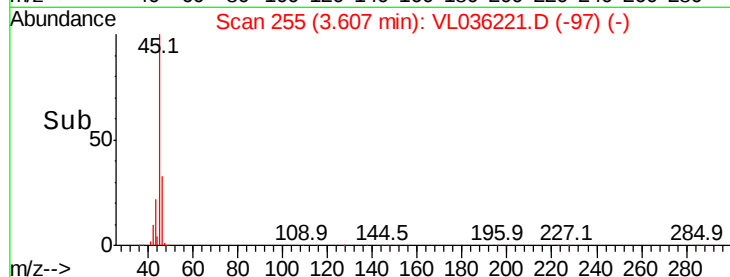
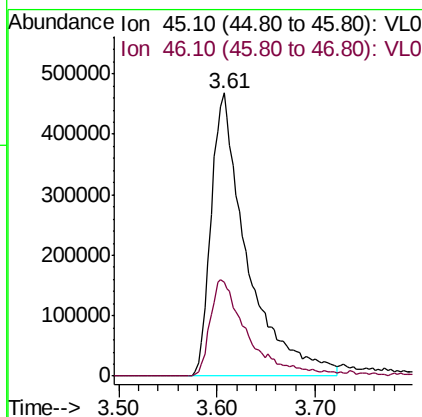
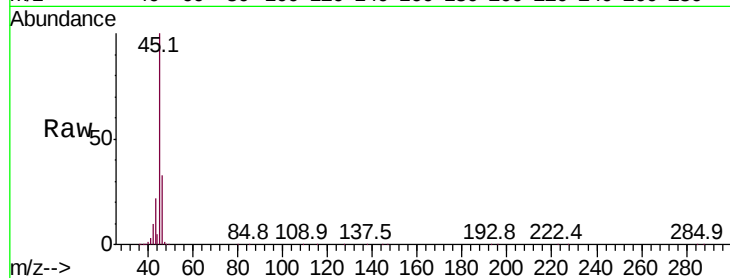
#13
Ethanol
Concen: 84.965 ppbv m
RT: 3.61 min Scan# 255
Delta R.T. 0.01 min
Lab File: VL036221.D
Acq: 13 Jan 2021 11:57

Instrument :
MSVOA_L
ClientSampleId :
0121-SS2DL

Tot Ion: 45 Resp: 1200579
Ion Ratio Lower Upper
45 100
46 36.7 19.2 77.0

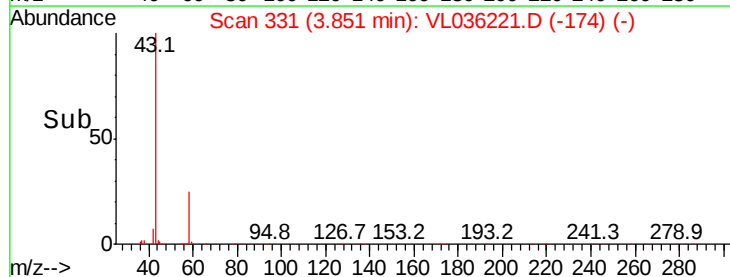
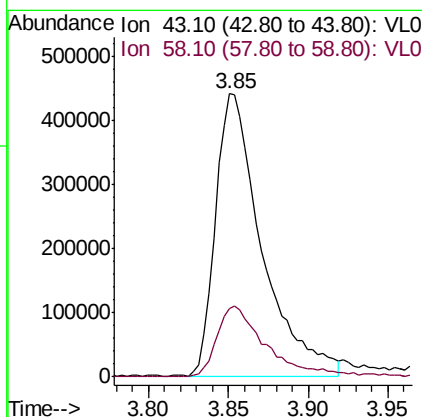
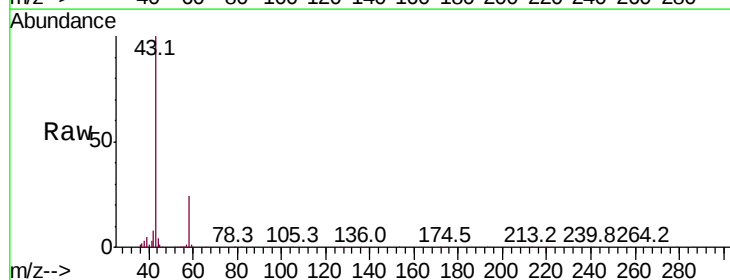
Manual Integrations
APPROVED

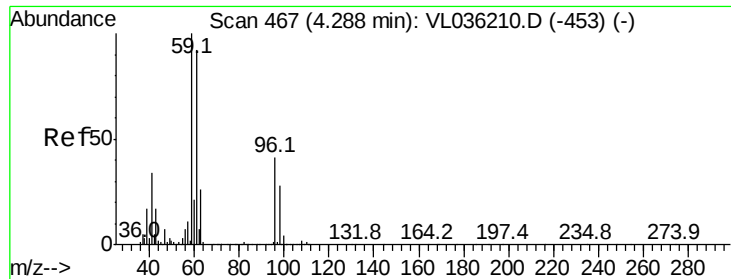
MMDadoda
1/18/2021 3:49:16 PM



#15
Acetone
Concen: 4.654 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.01 min
Lab File: VL036221.D
Acq: 13 Jan 2021 11:57

Tgt Ion: 43 Resp: 877043
Ion Ratio Lower Upper
43 100
58 28.1 20.9 31.3





#17

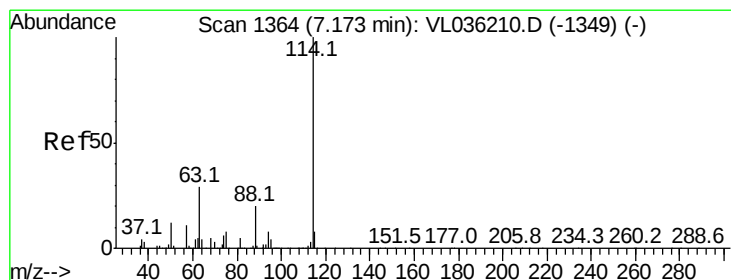
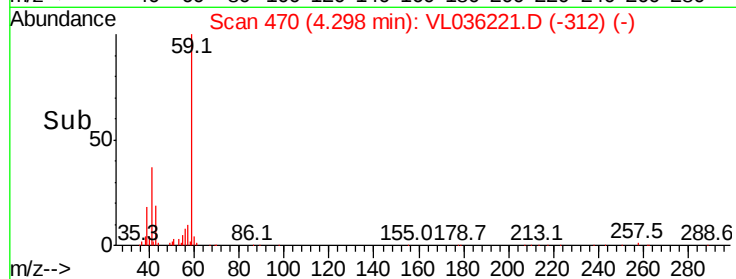
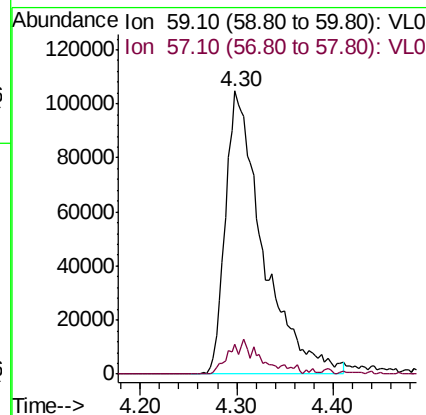
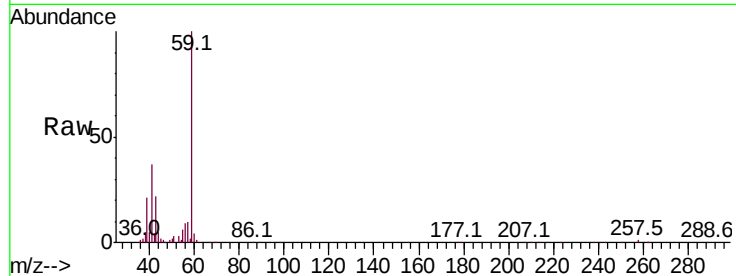
tert-Butyl alcohol
Concen: 1.819 ppbv
RT: 4.30 min Scan# 470
Delta R.T. 0.01 min
Lab File: VL036221.D
Acq: 13 Jan 2021 11:57

Instrument :
MSVOA_L
ClientSampleId :
0121-SS2DL

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.2	13.8#

Manual Integrations
APPROVED

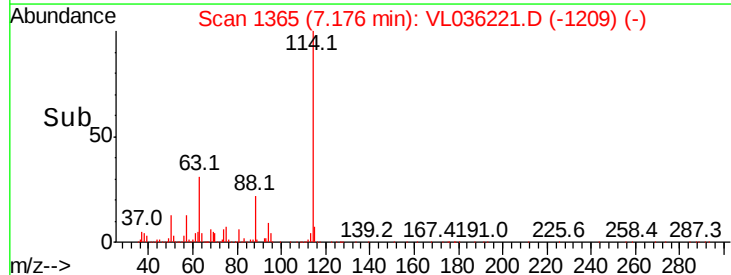
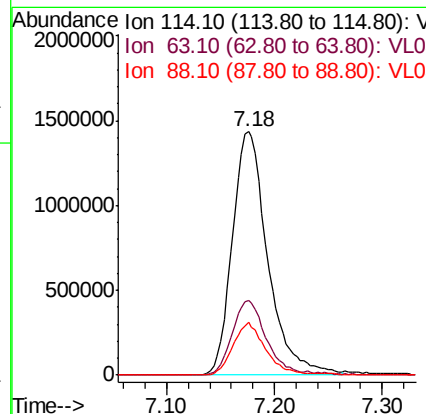
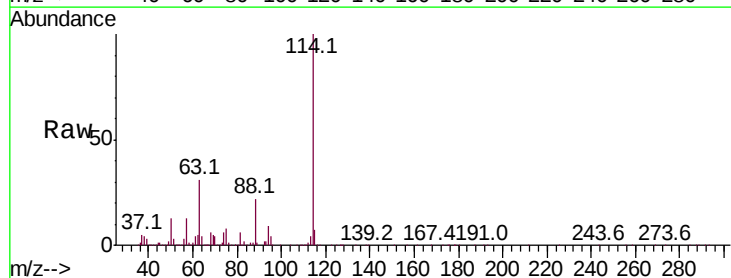
MMDadoda
1/18/2021 3:49:16 PM

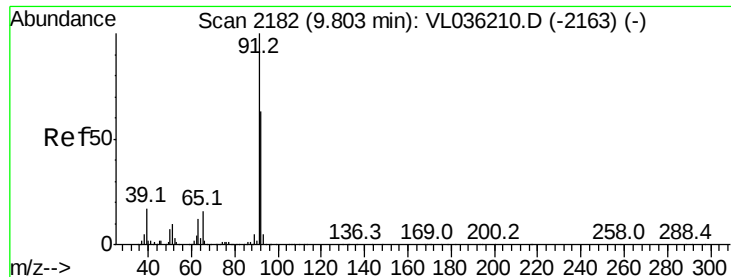


#33

1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VL036221.D
Acq: 13 Jan 2021 11:57

Tgt Ion	Ratio	Lower	Upper
114	100		
63	30.5	24.7	37.1
88	20.3	16.6	24.8





#53

Toluene

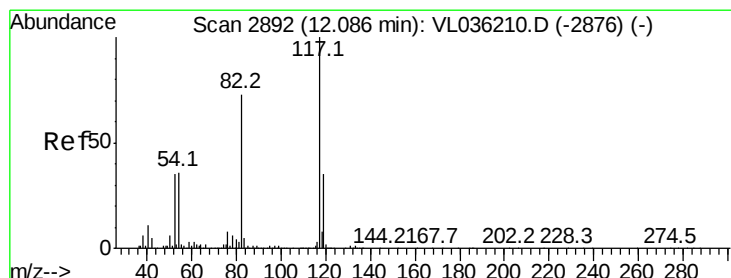
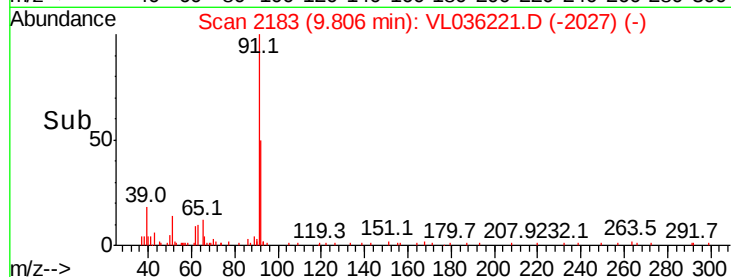
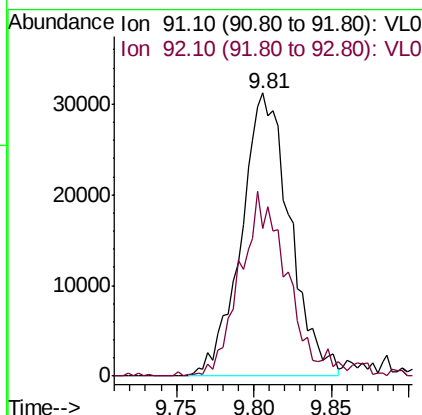
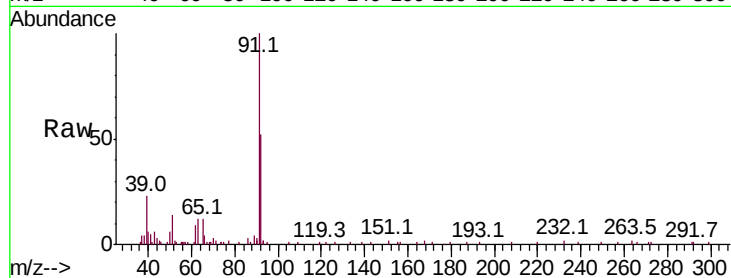
Concen: 0.202 ppbv m
RT: 9.81 min Scan# 2183
Delta R.T. 0.00 min
Lab File: VL036221.D
Acq: 13 Jan 2021 11:57

Instrument :
MSVOA_L
ClientSampleId :
0121-SS2DL

Tot Ion: 91 Resp: 68204
Ion Ratio Lower Upper
91 100
92 65.4 48.5 72.7

Manual Integrations
APPROVED

MMDadoda
1/18/2021 3:49:16 PM

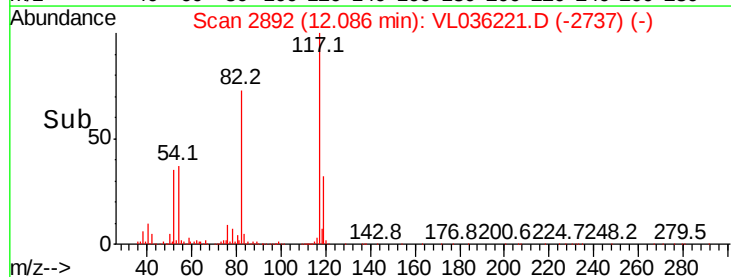
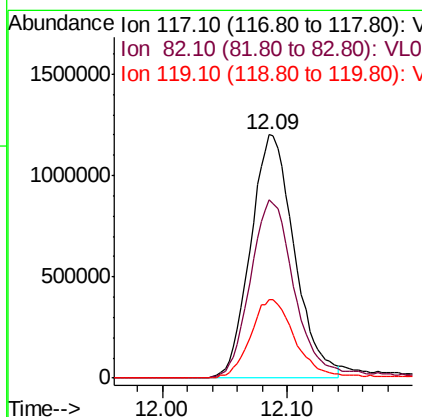
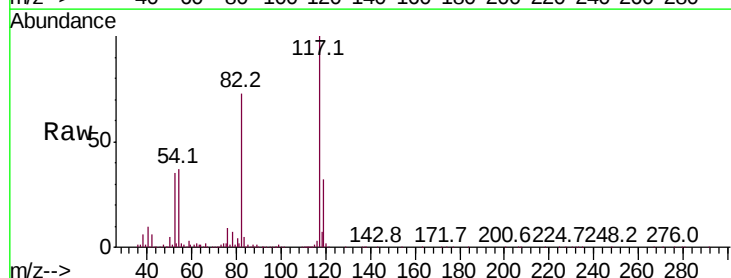


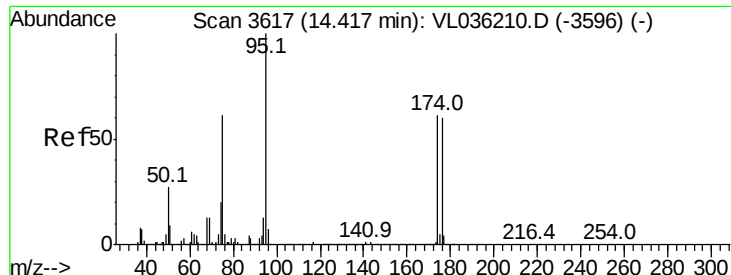
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.00 min
Lab File: VL036221.D
Acq: 13 Jan 2021 11:57

Tgt Ion: 117 Resp: 2913196
Ion Ratio Lower Upper
117 100
82 77.5 59.7 89.5
119 34.6 28.6 43.0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.300 ppbv

RT: 14.42 min Scan# 3617

Delta R.T. -0.00 min

Lab File: VL036221.D

Acq: 13 Jan 2021 11:57

Instrument :

MSVOA_L

ClientSampleId :

0121-SS2DL

Tot Ion: 95 Resp: 2483578

Ion Ratio Lower Upper

95 100

174 63.2 49.4 74.0

175 4.6 3.8 5.8

Manual Integrations
APPROVED

MMDadoda

1/18/2021 3:49:16 PM

