

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122320\
 Data File : VL036200.D
 Acq On : 23 Dec 2020 20:10
 Operator : SY/AP
 Sample : L5196-02DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG1DL

Manual Integrations
 APPROVED

MMDadoda
 12/26/2020 1:36:25 PM

Quant Time: Dec 24 06:04:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 0
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1370797	10.00	ppbv	-0.05
33) 1,4-Difluorobenzene	7.15	114	2783184	10.00	ppbv	-0.05
55) Chlorobenzene-d5	12.06	117	2503299	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2098353	10.56	ppbv	-0.06
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	12146m	0.155	ppbv	
13) Ethanol	3.59	45	20262m	1.876	ppbv	
15) Acetone	3.84	43	46812m	0.284	ppbv	
20) Methylene Chloride	4.33	84	35366m	0.524	ppbv	
26) Hexane	5.66	57	22037m	0.149	ppbv	
62) Isopropylbenzene	14.64	105	62501	0.155	ppbv	99

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

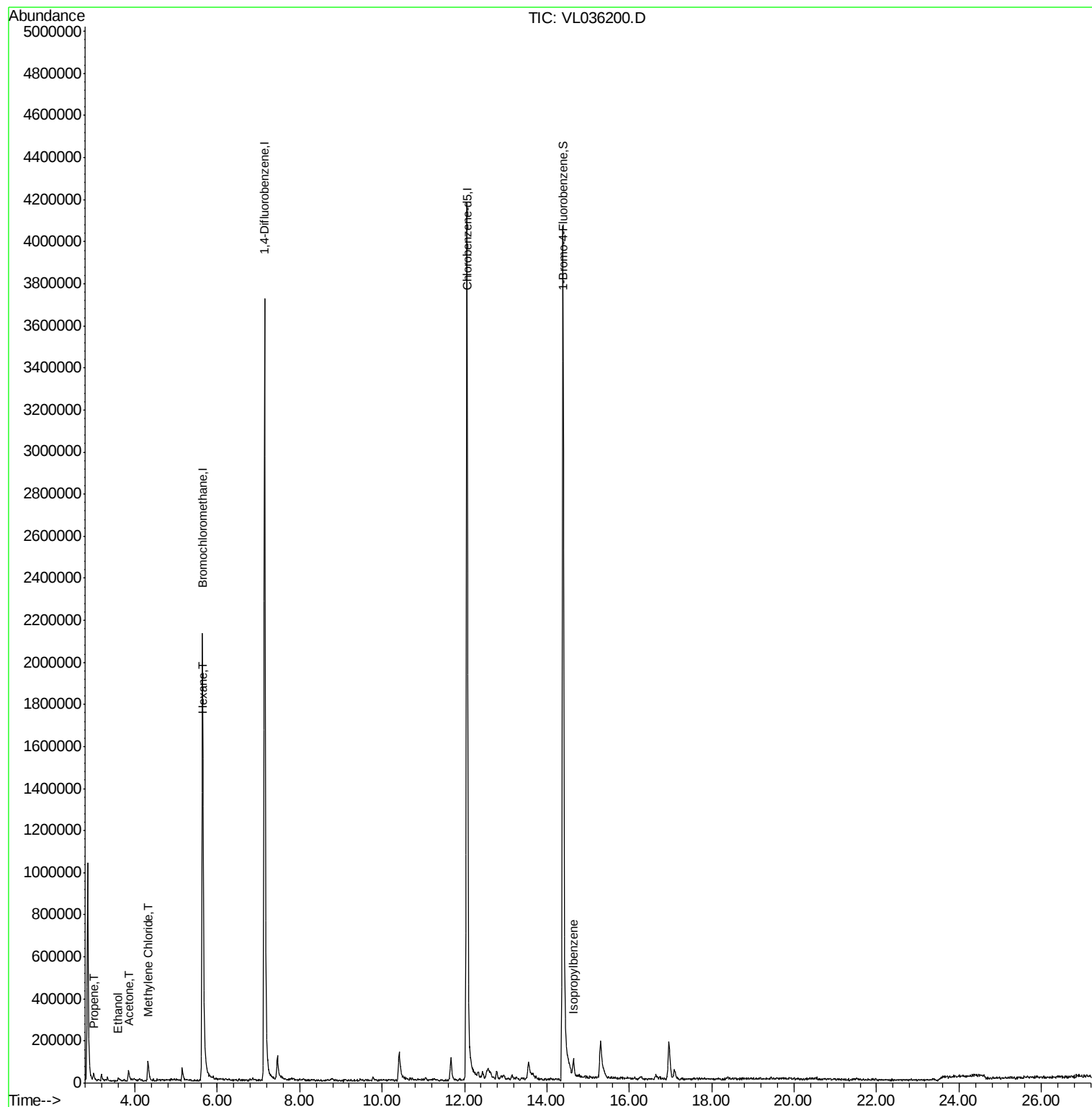
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122320\
Data File : VL036200.D
Acq On : 23 Dec 2020 20:10
Operator : SY/AP
Sample : L5196-02DL 40X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

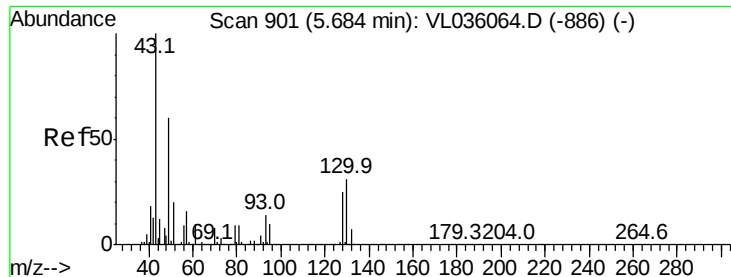
Instrument :
MSVOA_L
ClientSampleId :
SSSG1DL

Manual Integrations
APPROVED

MMDadoda
12/26/2020 1:36:25 PM

Quant Time: Dec 24 06:04:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 887

Delta R.T. -0.05 min

Lab File: VL036200.D

Acq: 23 Dec 2020 20:10

Instrument :

MSVOA_L

ClientSampleId :

SSSG1DL

Tot Ion: 49 Resp: 1370797

Ion Ratio Lower Upper

49 100

128 36.6 21.1 63.1

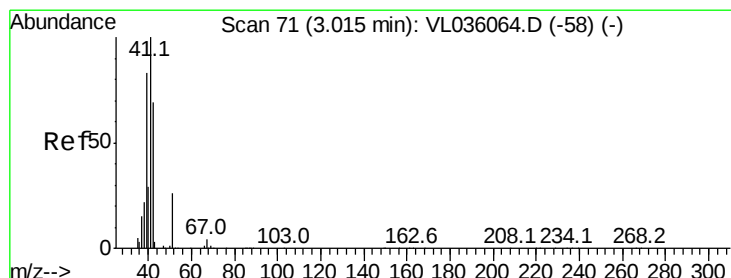
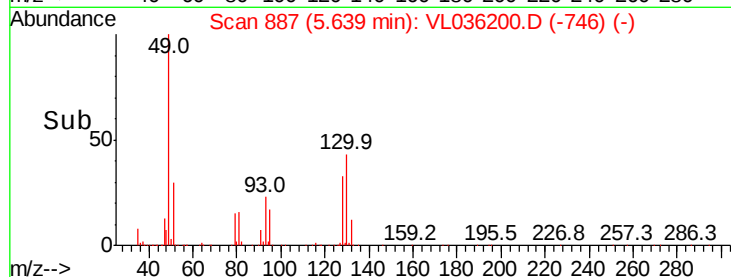
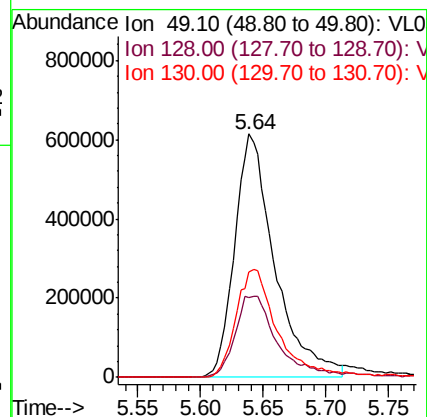
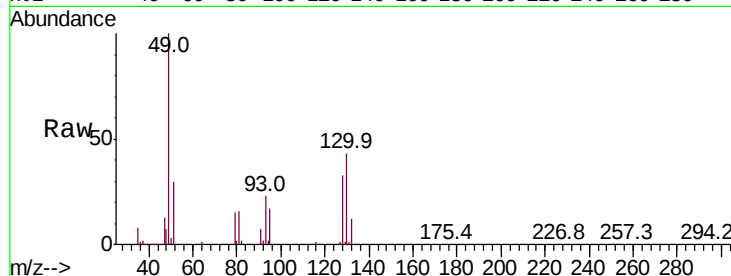
130 47.4 27.1 81.3

Manual Integrations

APPROVED

MMDadoda

12/26/2020 1:36:25 PM



#9

Propene

Concen: 0.155 ppbv m

RT: 3.00 min Scan# 66

Delta R.T. -0.02 min

Lab File: VL036200.D

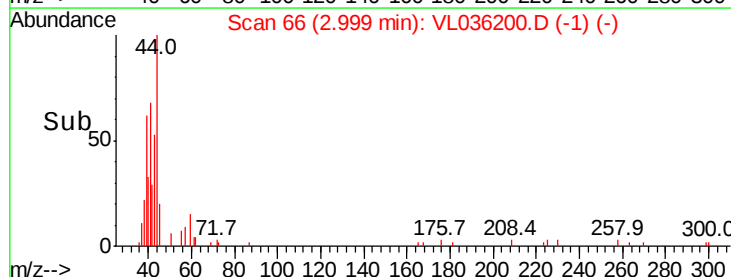
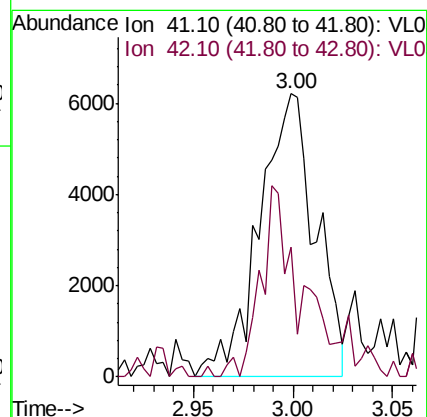
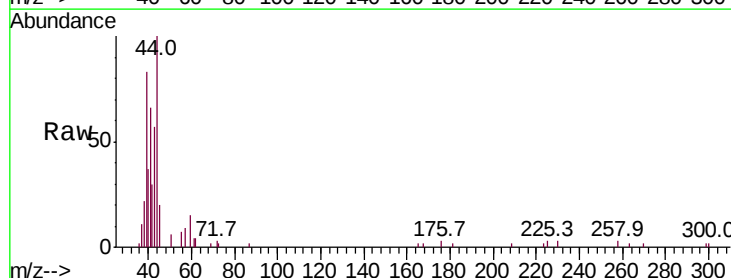
Acq: 23 Dec 2020 20:10

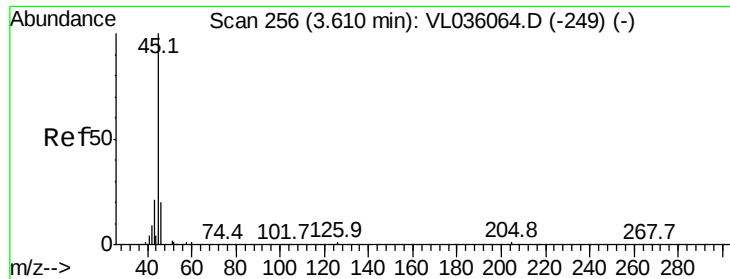
Tgt Ion: 41 Resp: 12146

Ion Ratio Lower Upper

41 100

42 54.6 57.0 85.6#





#13

Ethanol

Concen: 1.876 ppbv m

RT: 3.59 min Scan# 251

Delta R.T. -0.02 min

Lab File: VL036200.D

Acq: 23 Dec 2020 20:10

Instrument :

MSVOA_L

ClientSampleId :

SSSG1DL

Tot Ion: 45 Resp: 20262

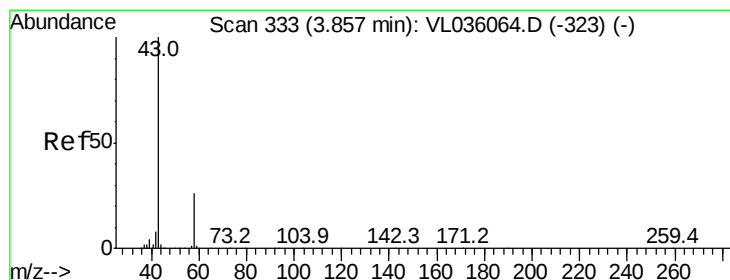
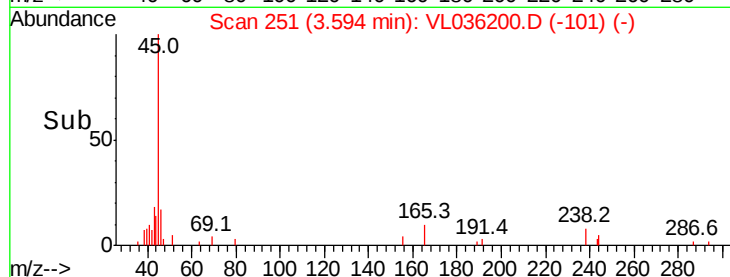
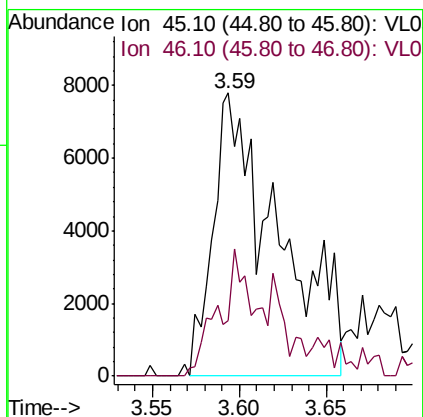
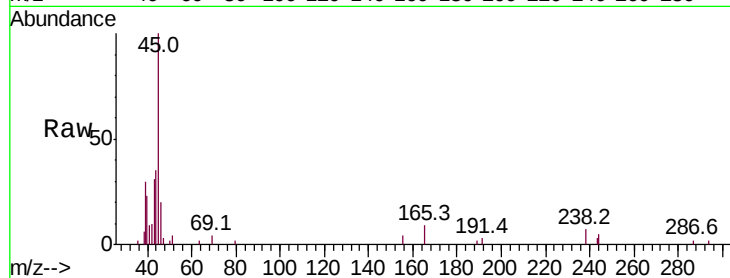
Ion Ratio Lower Upper

45 100

46 40.5 19.0 75.8

Manual Integrations
APPROVED

MMDadoda
12/26/2020 1:36:25 PM



#15

Acetone

Concen: 0.284 ppbv m

RT: 3.84 min Scan# 329

Delta R.T. -0.01 min

Lab File: VL036200.D

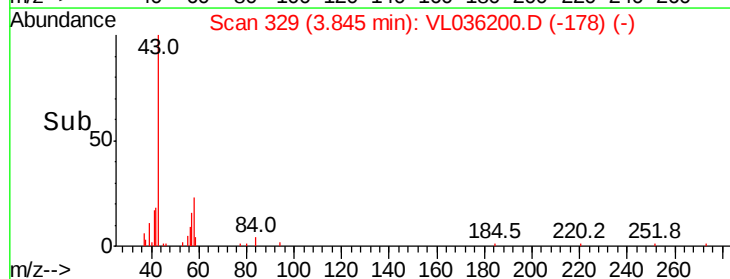
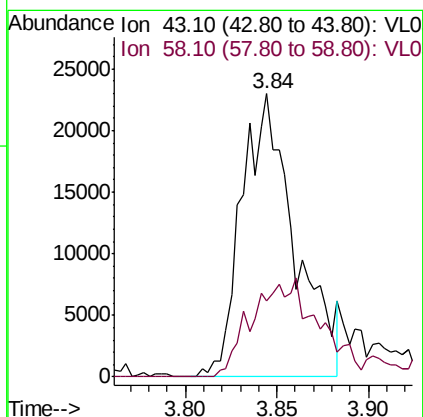
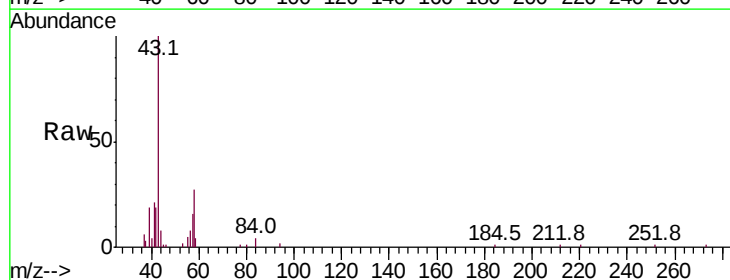
Acq: 23 Dec 2020 20:10

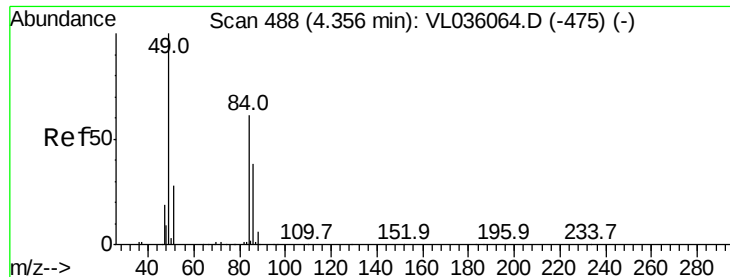
Tgt Ion: 43 Resp: 46812

Ion Ratio Lower Upper

43 100

58 0.0 20.9 31.3#





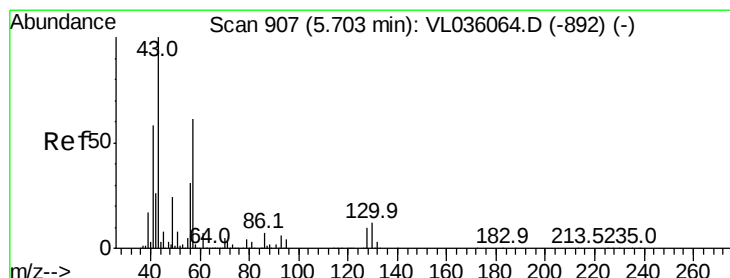
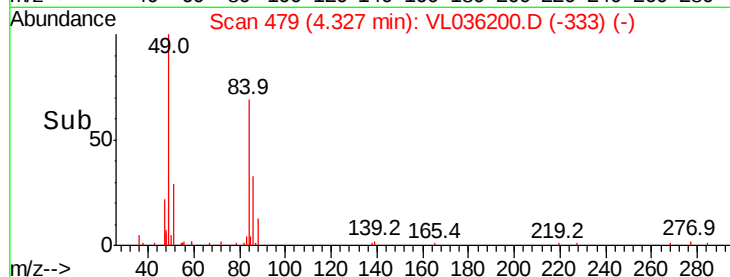
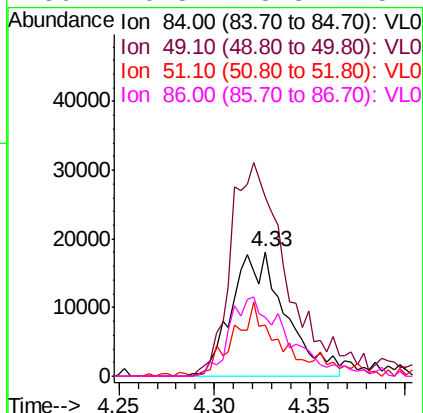
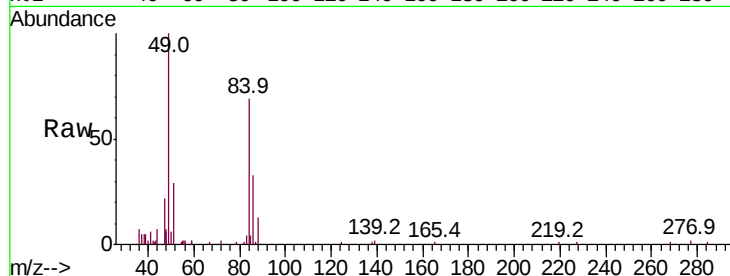
#20
Methvlene Chloride
Concen: 0.524 ppbv m
RT: 4.33 min Scan# 479
Delta R.T. -0.03 min
Lab File: VL036200.D
Acq: 23 Dec 2020 20:10

Instrument :
MSVOA_L
ClientSampleId :
SSSG1DL

Tot Ion	84	Resp:	35366
Ion	Ratio	Lower	Upper
84	100		
49	143.9	133.0	199.4
51	41.6	38.9	58.3
86	46.8	48.8	73.2#

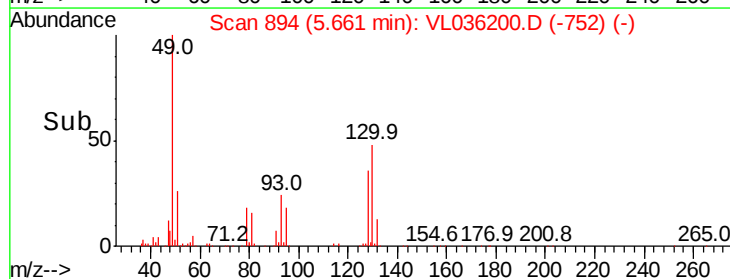
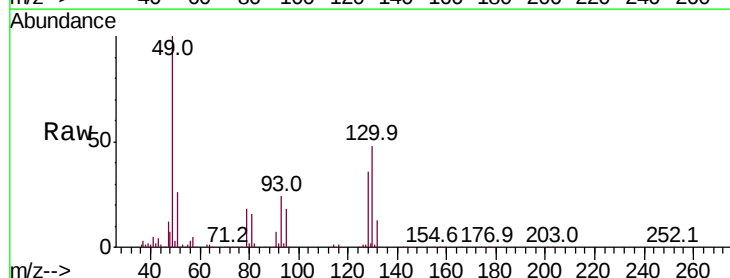
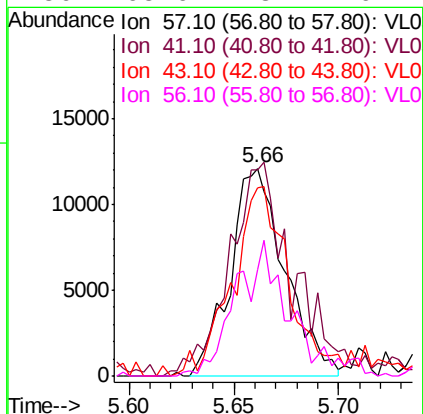
Manual Integrations
APPROVED

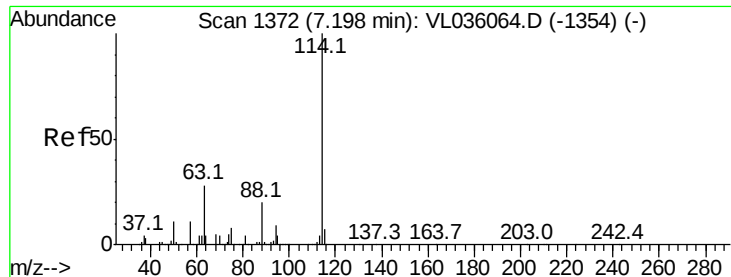
MMDadoda
12/26/2020 1:36:25 PM



#26
Hexane
Concen: 0.149 ppbv m
RT: 5.66 min Scan# 894
Delta R.T. -0.04 min
Lab File: VL036200.D
Acq: 23 Dec 2020 20:10

Tgt Ion	57	Resp:	22037
Ion	Ratio	Lower	Upper
57	100		
41	126.4	82.9	124.3#
43	94.7	199.9	299.9#
56	65.6	43.1	64.7#





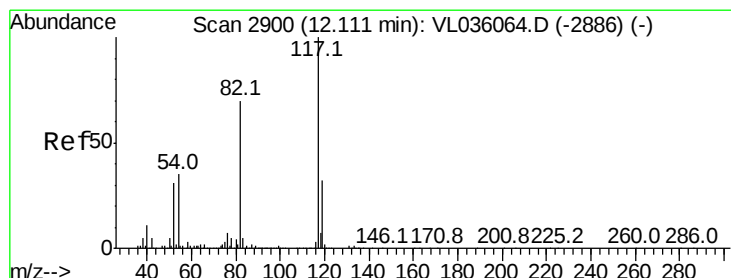
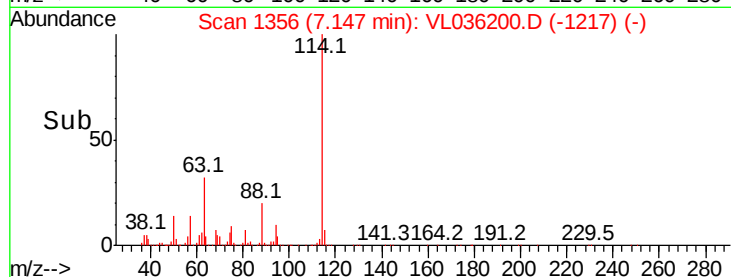
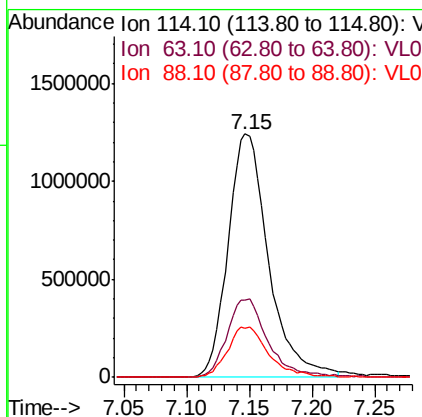
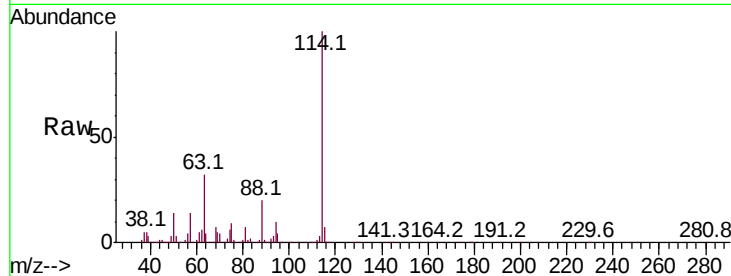
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1356
 Delta R.T. -0.05 min
 Lab File: VL036200.D
 Acq: 23 Dec 2020 20:10

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG1DL

Tot Ion:114 Resp: 2783184
 Ion Ratio Lower Upper
 114 100
 63 32.7 23.6 35.4
 88 21.6 15.8 23.6

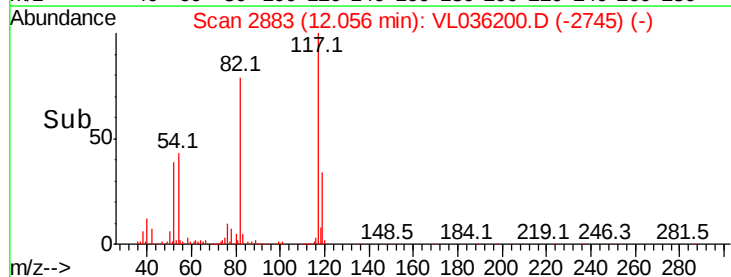
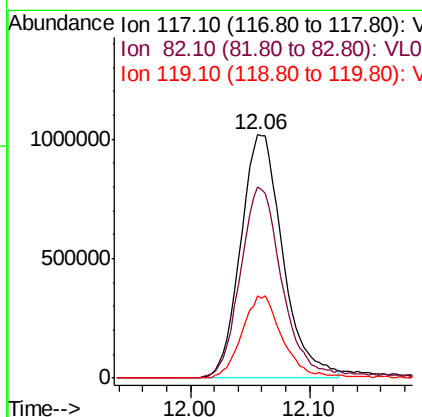
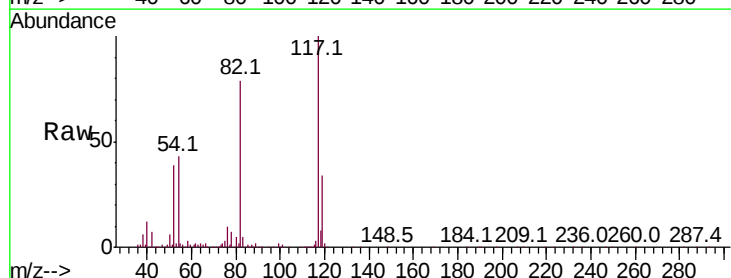
Manual Integrations
 APPROVED

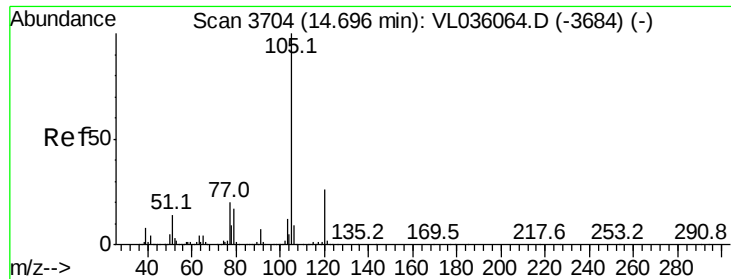
MMDadoda
 12/26/2020 1:36:25 PM



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min Scan# 2883
 Delta R.T. -0.05 min
 Lab File: VL036200.D
 Acq: 23 Dec 2020 20:10

Tgt Ion:117 Resp: 2503299
 Ion Ratio Lower Upper
 117 100
 82 80.5 0.0 0.0#
 119 33.7 0.0 0.0#





#62

Isopropylbenzene

Concen: 0.155 ppbv

RT: 14.64 min Scan# 3688

Delta R.T. -0.05 min

Lab File: VL036200.D

Acq: 23 Dec 2020 20:10

Instrument :

MSVOA_L

ClientSampleId :

SSSG1DL

Tot Ion:105 Resp: 62501

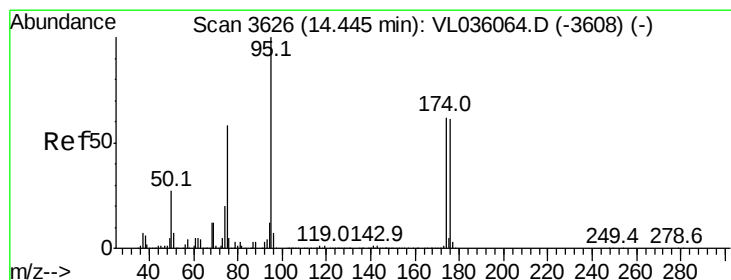
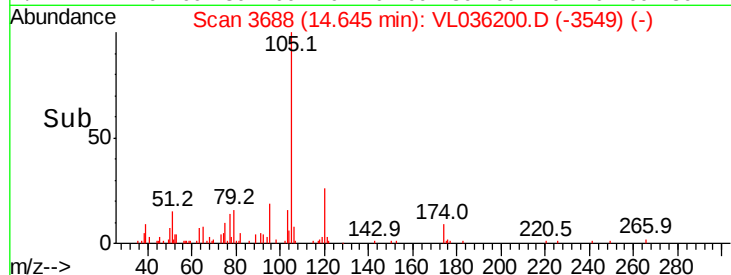
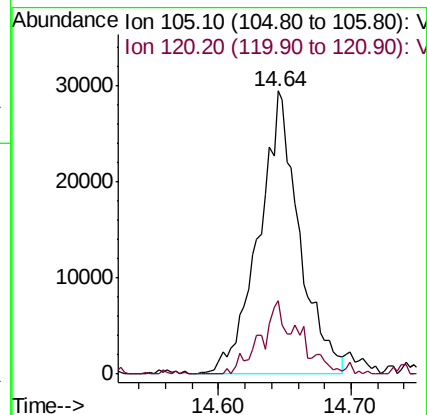
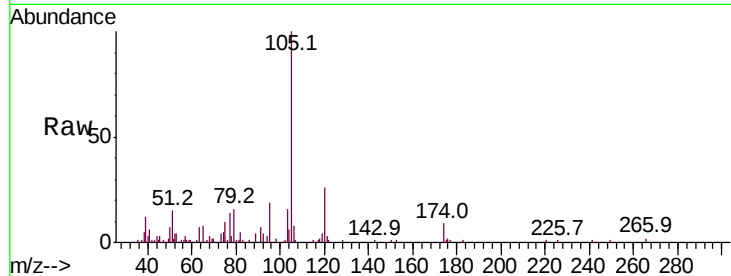
Ion Ratio Lower Upper

105 100

120 24.8 20.1 30.1

Manual Integrations
APPROVED

MMDadoda
12/26/2020 1:36:25 PM



#68

1-Bromo-4-Fluorobenzene

Concen: 10.557 ppbv

RT: 14.39 min Scan# 3608

Delta R.T. -0.06 min

Lab File: VL036200.D

Acq: 23 Dec 2020 20:10

Tgt Ion: 95 Resp: 2098353

Ion Ratio Lower Upper

95 100

174 57.7 50.7 76.1

175 4.2 4.0 6.0

