

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112420\
 Data File : VL035998.D
 Acq On : 24 Nov 2020 17:47
 Operator : SY/AP
 Sample : OC111920 CAN 10280
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC111920 CAN 10280

Manual Integrations
 APPROVED

MMDadoda
 11/27/2020 1:15:14 PM

Quant Time: Nov 25 00:48:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 0
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1320840	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	4553488	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4351118	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3248559	10.51	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.85	43	21554	0.153	ppbv	# 1
20) Methylene Chloride	4.31	84	19917m	0.200	ppbv	
30) Cyclohexane	7.13	84	26016m	0.156	ppbv	

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

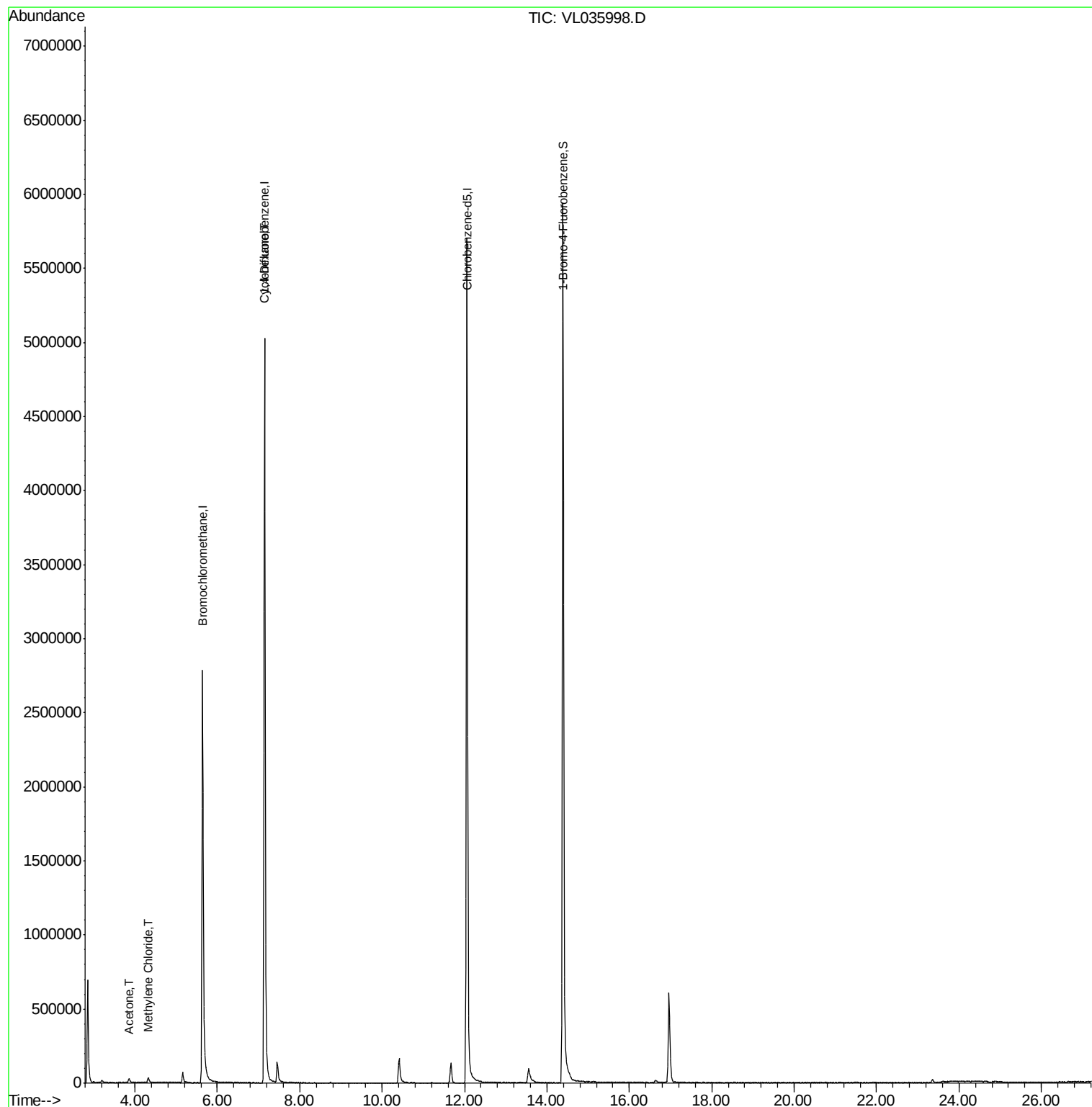
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL112420\
Data File : VL035998.D
Acq On : 24 Nov 2020 17:47
Operator : SY/AP
Sample : OC111920 CAN 10280
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

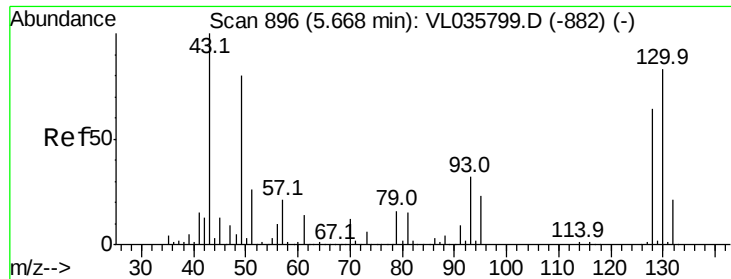
Instrument :
MSVOA_L
ClientSampleId :
QC111920 CAN 10280

Manual Integrations
APPROVED

MMDadoda
11/27/2020 1:15:14 PM

Quant Time: Nov 25 00:48:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 887

Delta R.T. -0.03 min

Lab File: VL035998.D

Acq: 24 Nov 2020 17:47

Instrument :

MSVOA_L

ClientSampleId :

QC111920 CAN 10280

Tot Ion: 49 Resp: 1320840

Ion Ratio Lower Upper

49 100

128 75.9 41.5 124.6

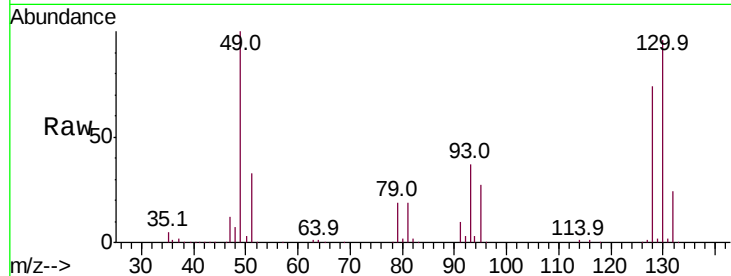
130 96.5 53.7 161.1

Manual Integrations

APPROVED

MMDadoda

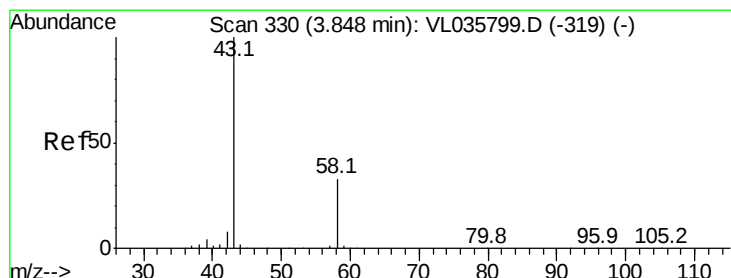
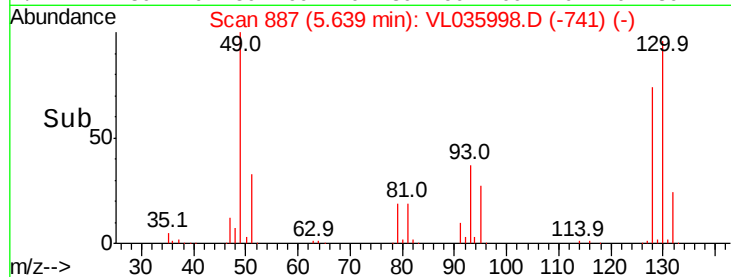
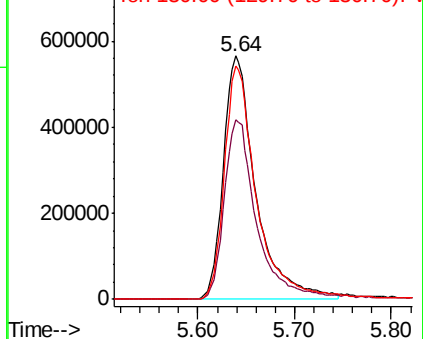
11/27/2020 1:15:14 PM



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



#15

Acetone

Concen: 0.153 ppbv

RT: 3.85 min Scan# 330

Delta R.T. -0.00 min

Lab File: VL035998.D

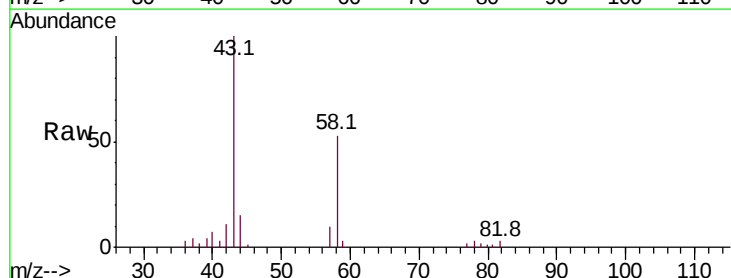
Acq: 24 Nov 2020 17:47

Tgt Ion: 43 Resp: 21554

Ion Ratio Lower Upper

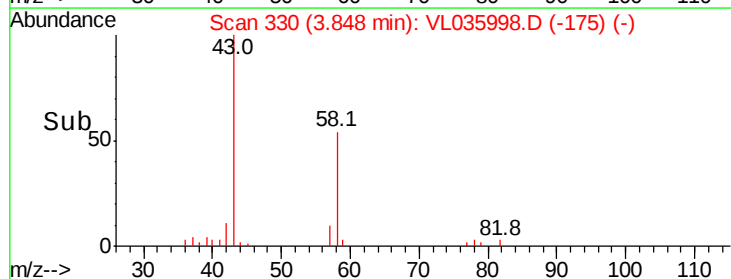
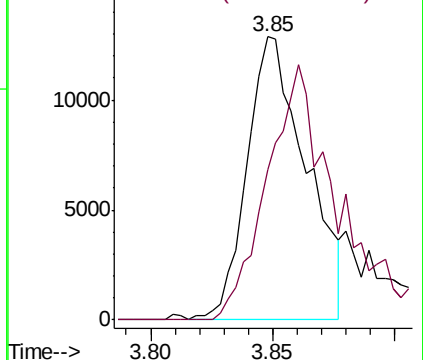
43 100

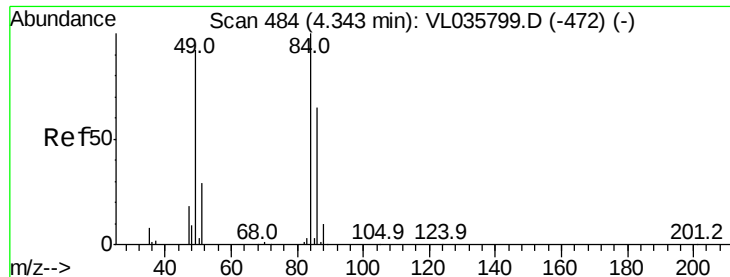
58 120.0 27.5 41.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





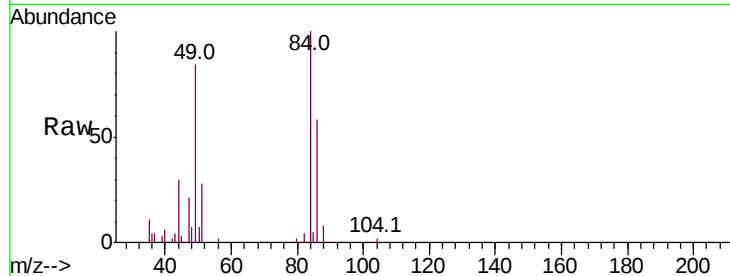
#20
Methvlene Chloride
Concen: 0.200 ppbv m
RT: 4.31 min Scan# 475
Delta R.T. -0.03 min
Lab File: VL035998.D
Acq: 24 Nov 2020 17:47

Instrument :
MSVOA_L
ClientSampleId :
QC111920 CAN 10280

Tot Ion	84	Resp	19917
Ion	Ratio	Lower	Upper
84	100		
49	84.0	73.8	110.8
51	28.0	23.0	34.4
86	58.3	52.1	78.1

Manual Integrations
APPROVED

MMDadoda
11/27/2020 1:15:14 PM



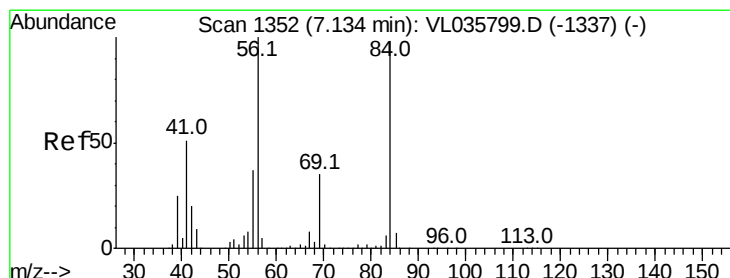
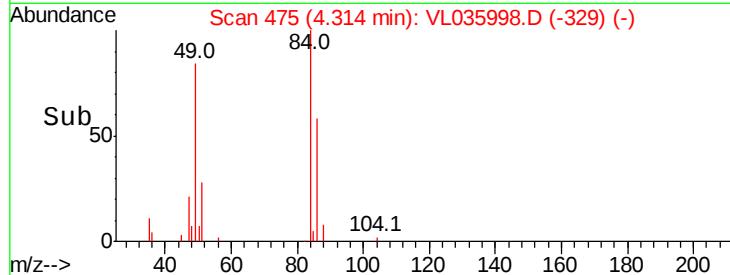
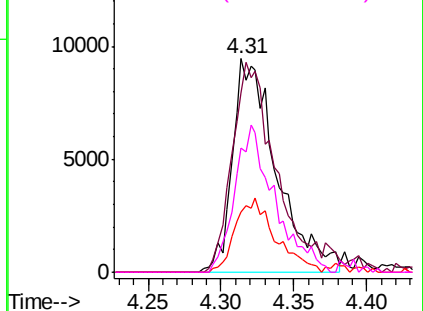
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

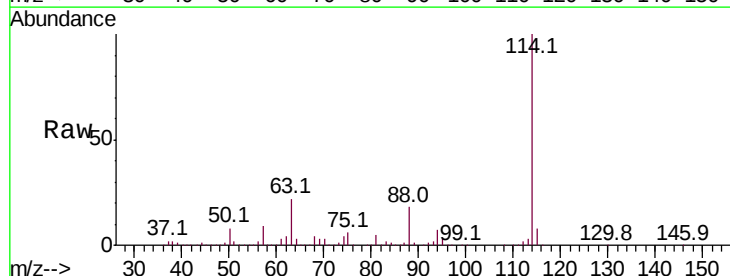
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#30
Cyclohexane
Concen: 0.156 ppbv m
RT: 7.13 min Scan# 1352
Delta R.T. -0.00 min
Lab File: VL035998.D
Acq: 24 Nov 2020 17:47

Tgt Ion	84	Resp	26016
Ion	Ratio	Lower	Upper
84	100		
56	0.0	86.4	129.6#
41	0.0	42.1	63.1#

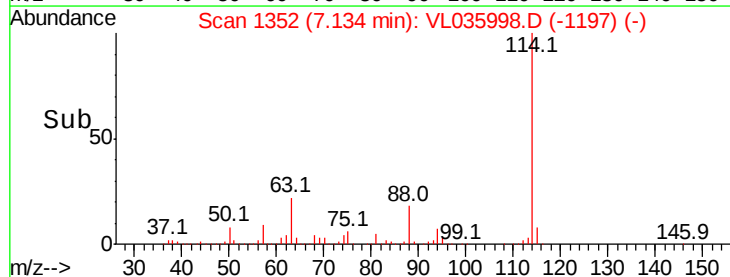
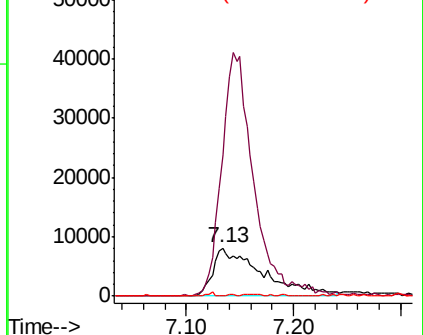


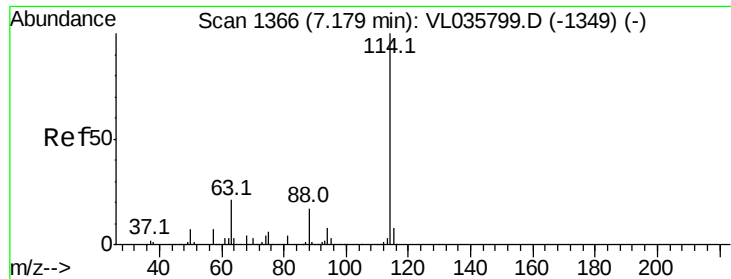
Abundance

Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0





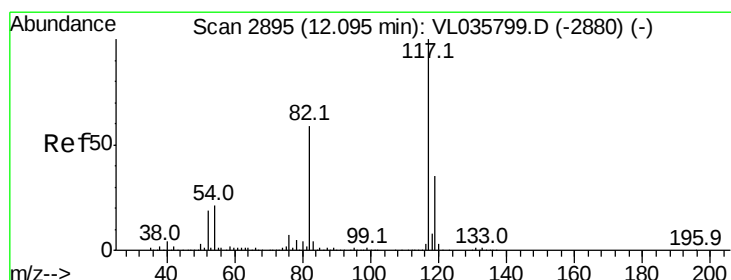
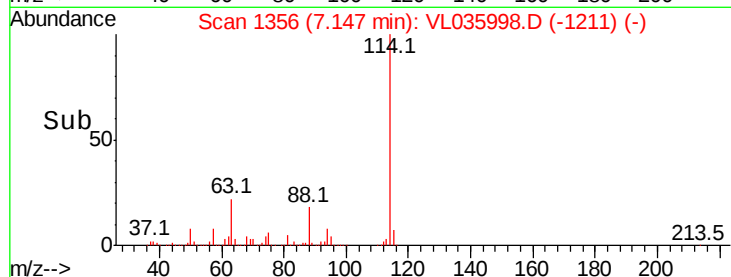
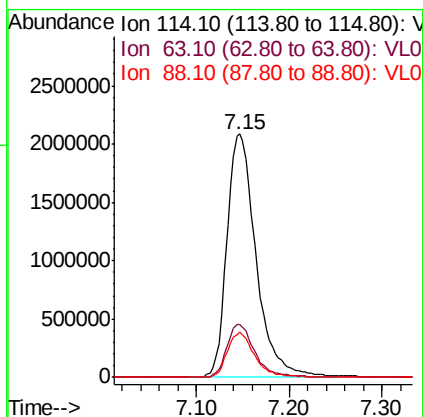
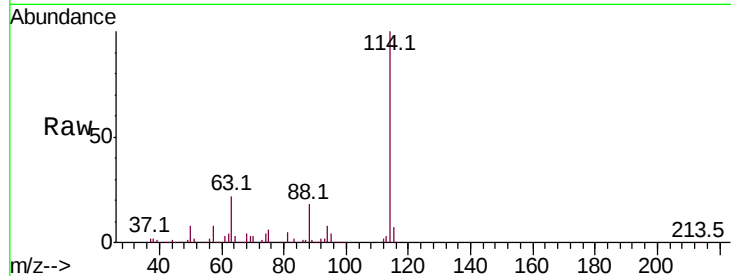
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1356
 Delta R.T. -0.03 min
 Lab File: VL035998.D
 Acq: 24 Nov 2020 17:47

Instrument :
 MSVOA_L
 ClientSampleId :
 QC111920 CAN 10280

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	16.1	24.1
88	17.7	13.7	20.5

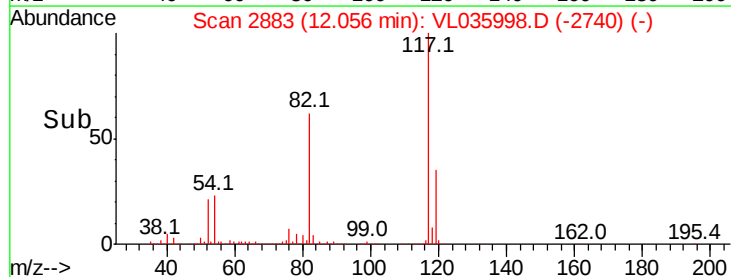
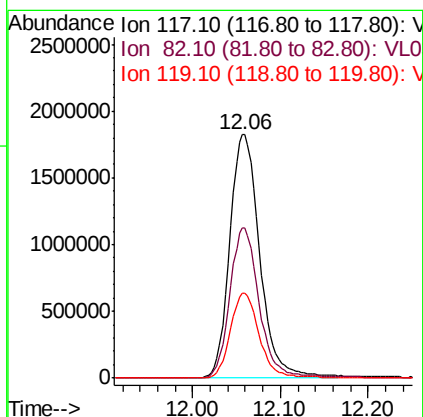
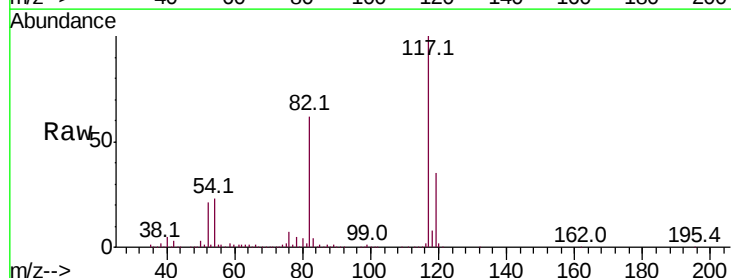
Manual Integrations
 APPROVED

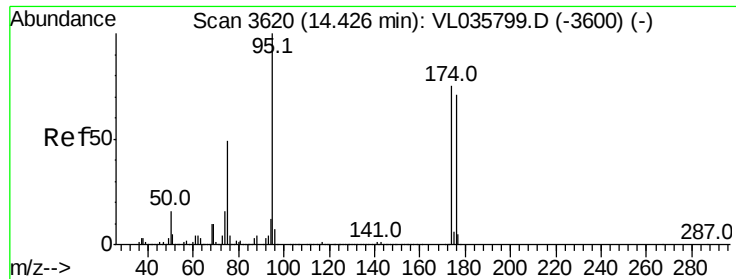
MMDadoda
 11/27/2020 1:15:14 PM



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min Scan# 2883
 Delta R.T. -0.04 min
 Lab File: VL035998.D
 Acq: 24 Nov 2020 17:47

Tgt Ion	Ratio	Lower	Upper
117	100		
82	61.5	50.6	76.0
119	34.1	52.6	78.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.508 ppbv
 RT: 14.39 min Scan# 3609
 Delta R.T. -0.04 min
 Lab File: VL035998.D
 Acq: 24 Nov 2020 17:47

Instrument :
 MSVOA_L
 ClientSampleId :
 QC111920 CAN 10280

Tot Ion: 95 Resp: 3248559
 Ion Ratio Lower Upper
 95 100
 174 70.7 59.8 89.6
 175 4.8 4.3 6.5

Manual Integrations
 APPROVED

MMDadoda
 11/27/2020 1:15:14 PM

