

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111820\
 Data File : VL035979.D
 Acq On : 18 Nov 2020 18:45
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 11/20/2020 12:27:31 PM

Quant Time: Nov 19 09:00:10 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	5.63	49	1129659	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.13	114	3960995	10.00	ppbv	-0.05
55) Chlorobenzene-d5	12.04	117	3682220	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	2752573	10.52	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.59	45	6032m	0.562	ppbv	
15) Acetone	3.83	43	40882m	0.339	ppbv	
20) Methylene Chloride	4.31	84	95379	1.122	ppbv	92
26) Hexane	5.65	57	27794m	0.212	ppbv	
30) Cyclohexane	7.12	84	24130m	0.169	ppbv	

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

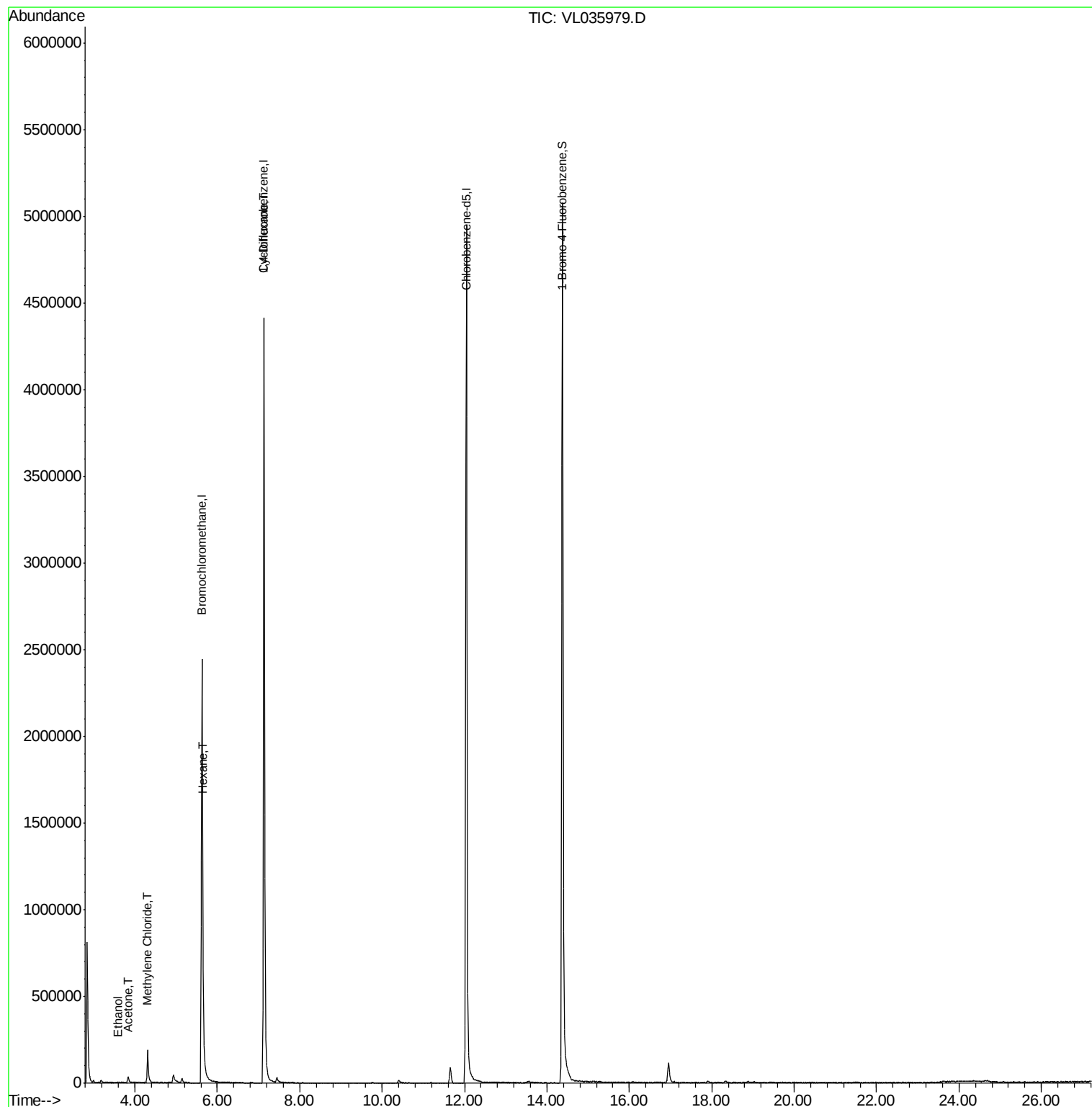
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111820\
Data File : VL035979.D
Acq On : 18 Nov 2020 18:45
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations
APPROVED

MMDadoda
11/20/2020 12:27:31 PM

Quant Time: Nov 19 09:00:10 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: 5.63 min Scan# 883

Delta R.T. -0.04 min

Lab File: VL035979.D

Acq: 18 Nov 2020 18:45

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 49 Resp: 1129659

Ion Ratio Lower Upper

49 100

128 77.1 41.5 124.6

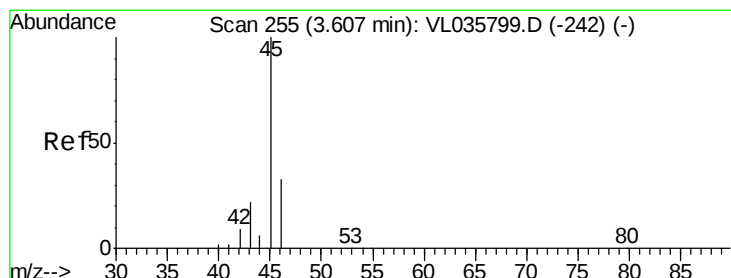
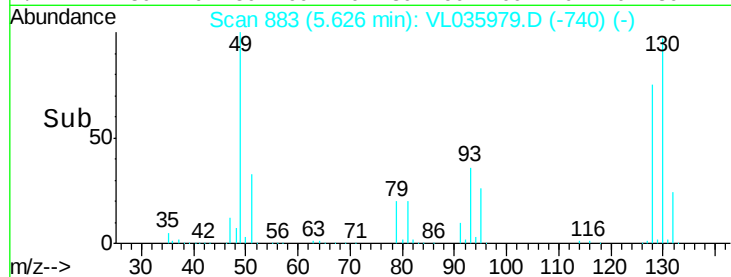
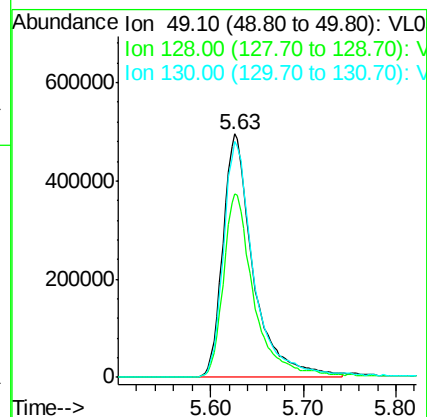
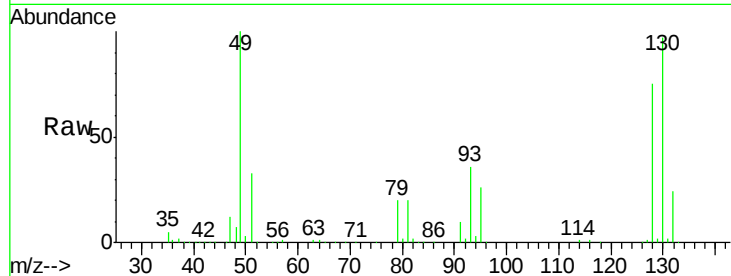
130 99.9 53.7 161.1

Manual Integrations

APPROVED

MMDadoda

11/20/2020 12:27:31 PM



#13

Ethanol

Concen: 0.562 ppbv m

RT: 3.59 min Scan# 251

Delta R.T. -0.01 min

Lab File: VL035979.D

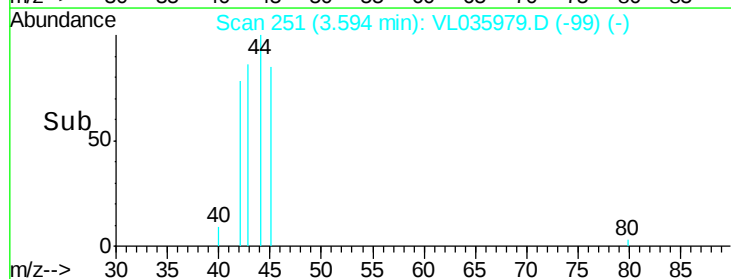
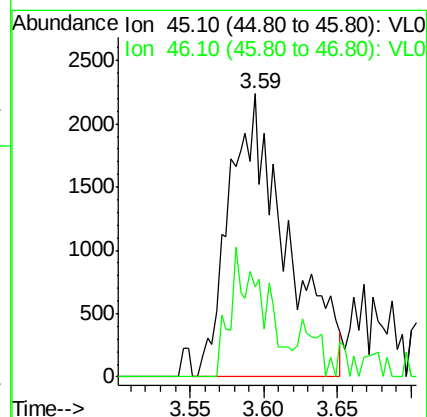
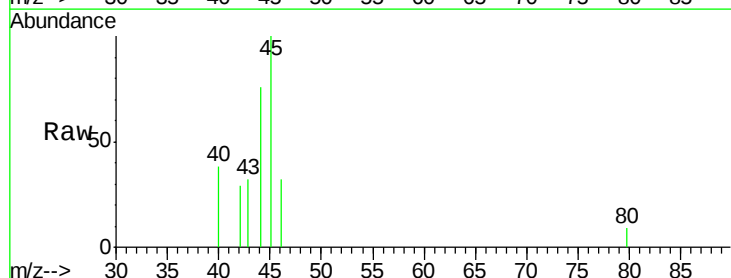
Acq: 18 Nov 2020 18:45

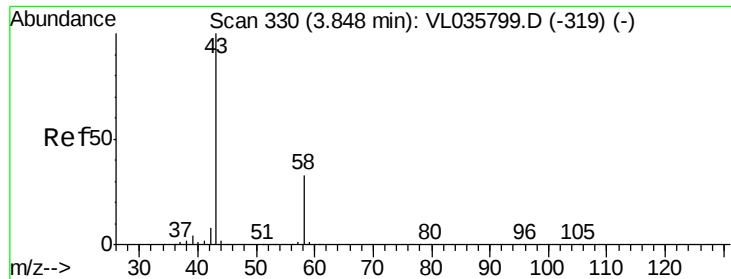
Tgt Ion: 45 Resp: 6032

Ion Ratio Lower Upper

45 100

46 33.6 16.1 64.5





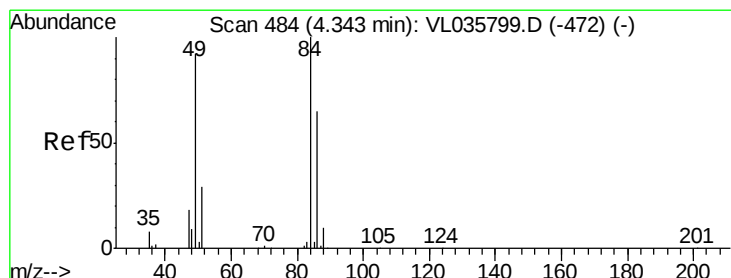
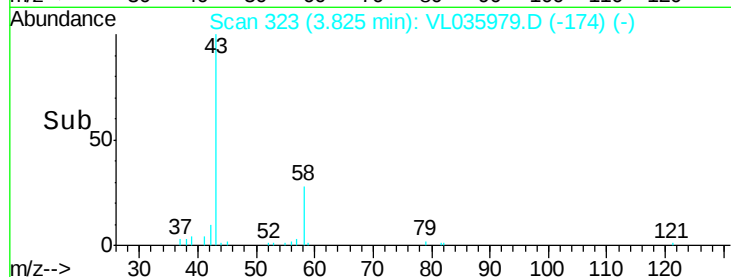
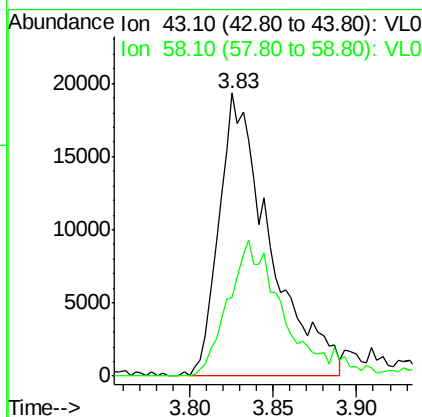
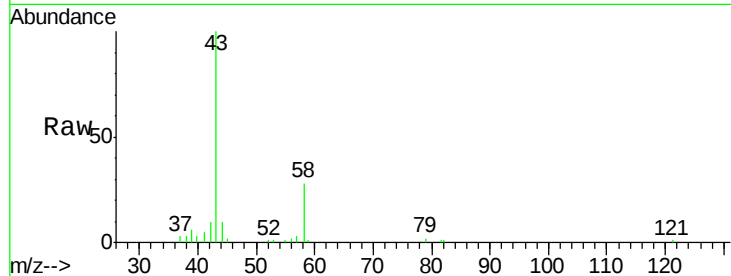
#15
Acetone
Concen: 0.339 ppbv m
RT: 3.83 min Scan# 323
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 18 Nov 2020 18:45

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion: 43 Resp: 40882
Ion Ratio Lower Upper
43 100
58 52.7 27.5 41.3#

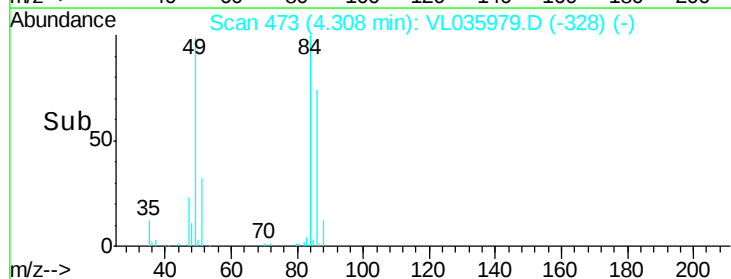
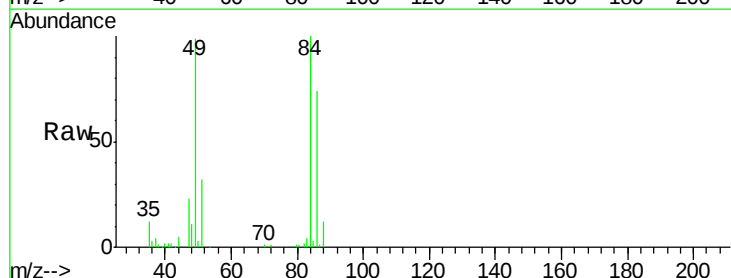
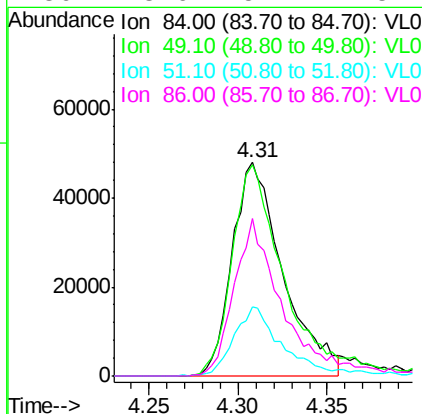
Manual Integrations
APPROVED

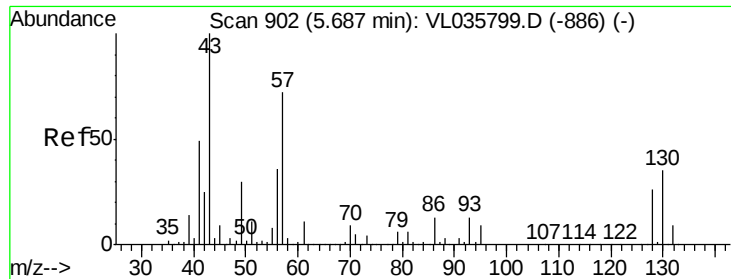
MMDadoda
11/20/2020 12:27:31 PM



#20
Methylene Chloride
Concen: 1.122 ppbv
RT: 4.31 min Scan# 473
Delta R.T. -0.04 min
Lab File: VL035799.D
Acq: 18 Nov 2020 18:45

Tgt Ion: 84 Resp: 95379
Ion Ratio Lower Upper
84 100
49 98.9 73.8 110.8
51 32.5 23.0 34.4
86 73.6 52.1 78.1





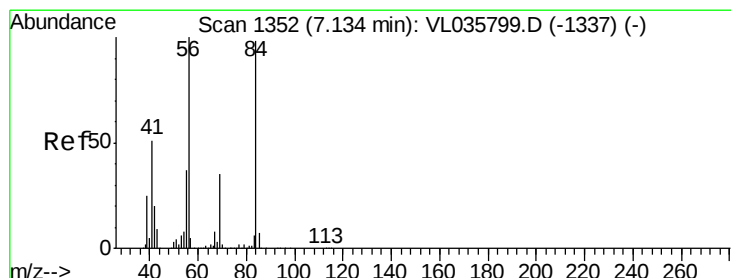
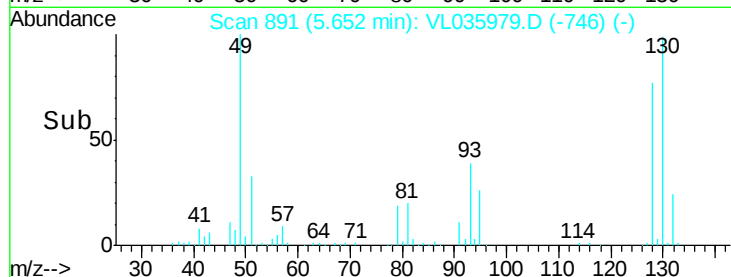
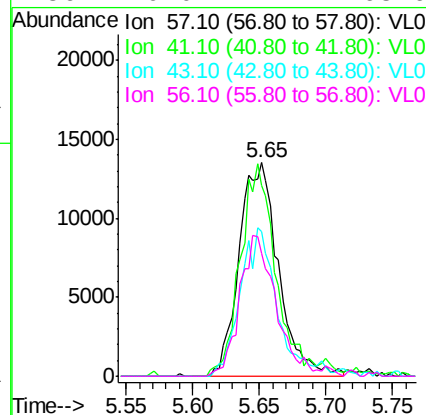
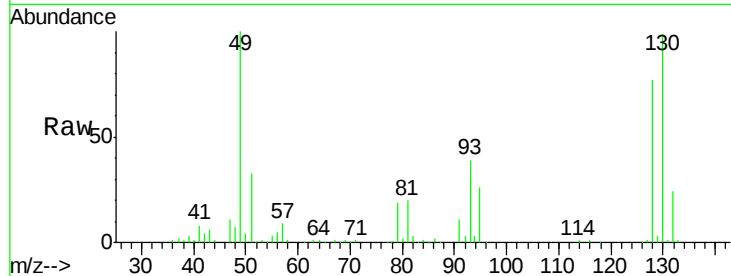
#26
Hexane
Concen: 0.212 ppbv m
RT: 5.65 min Scan# 891
Delta R.T. -0.04 min
Lab File: VL035979.D
Acq: 18 Nov 2020 18:45

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion	Ratio	Lower	Upper
57	100		
41	0.0	58.9	88.3#
43	0.0	150.2	225.2#
56	0.0	42.4	63.6#

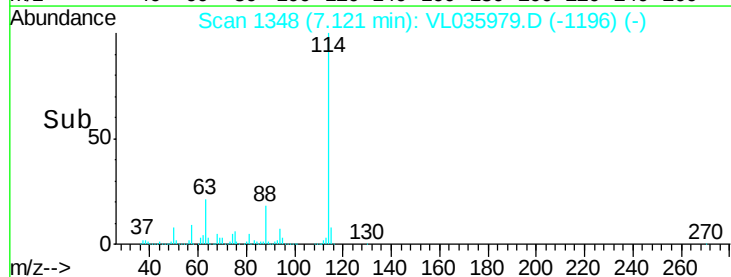
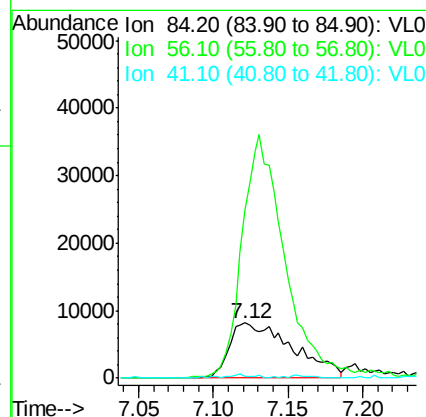
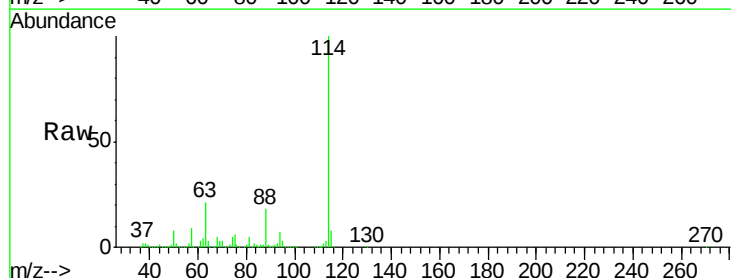
Manual Integrations
APPROVED

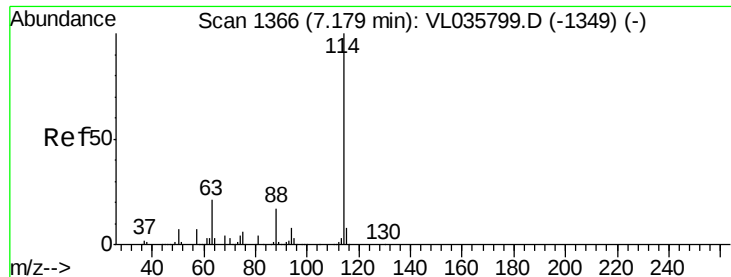
MMDadoda
11/20/2020 12:27:31 PM



#30
Cyclohexane
Concen: 0.169 ppbv m
RT: 7.12 min Scan# 1348
Delta R.T. -0.01 min
Lab File: VL035979.D
Acq: 18 Nov 2020 18:45

Tgt Ion	Ratio	Lower	Upper
84	100		
56	0.0	86.4	129.6#
41	2.4	42.1	63.1#





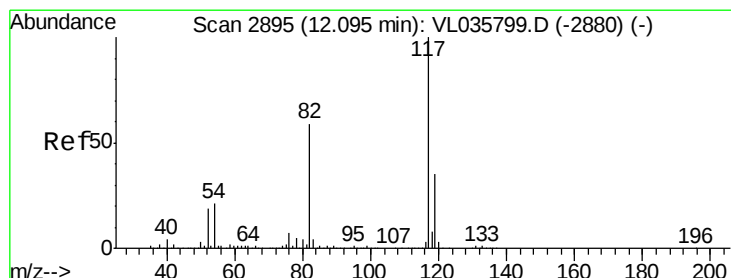
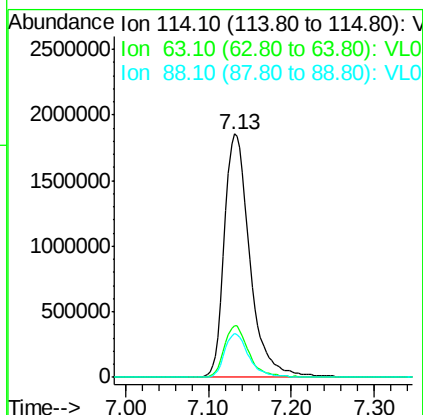
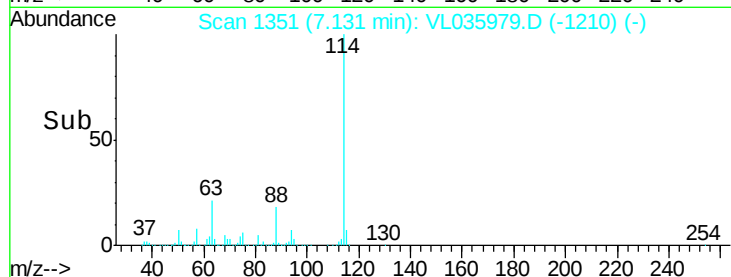
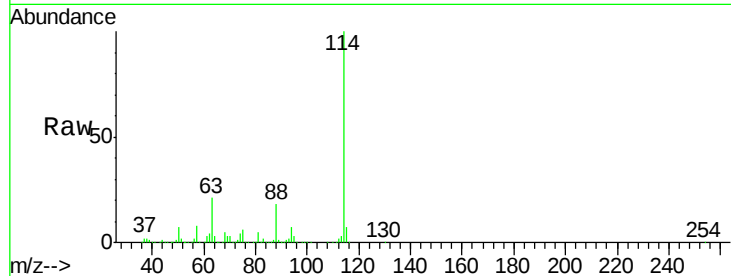
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.13 min Scan# 1351
 Delta R.T. -0.05 min
 Lab File: VL035979.D
 Acq: 18 Nov 2020 18:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion:114 Resp: 3960995
 Ion Ratio Lower Upper
 114 100
 63 20.8 16.1 24.1
 88 17.3 13.7 20.5

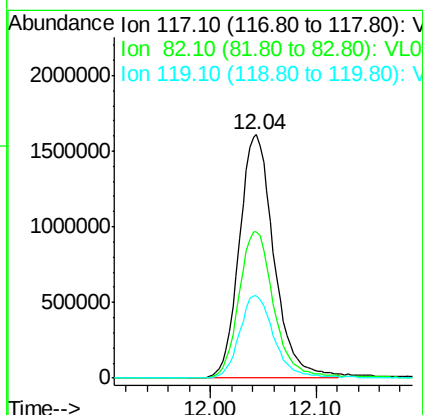
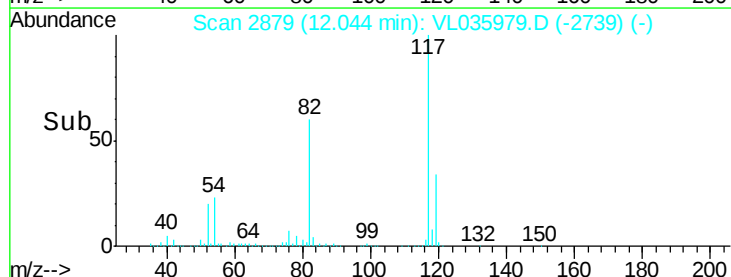
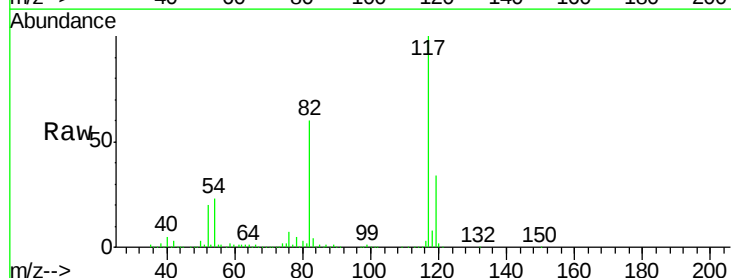
Manual Integrations
 APPROVED

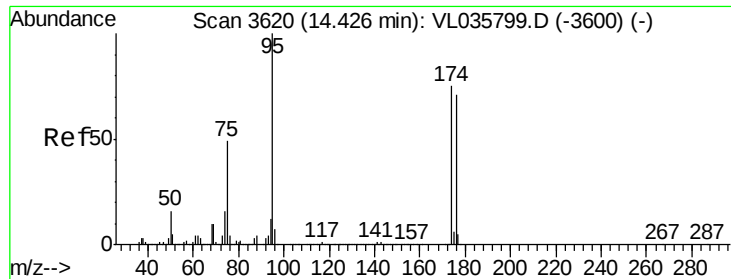
MMDadoda
 11/20/2020 12:27:31 PM



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.04 min Scan# 2879
 Delta R.T. -0.05 min
 Lab File: VL035979.D
 Acq: 18 Nov 2020 18:45

Tgt Ion:117 Resp: 3682220
 Ion Ratio Lower Upper
 117 100
 82 61.7 50.6 76.0
 119 34.0 52.6 78.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.522 ppbv
 RT: 14.37 min Scan# 3604
 Delta R.T. -0.05 min
 Lab File: VL035979.D
 Acq: 18 Nov 2020 18:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion	Ratio	Lower	Upper
95	100		
174	72.5	59.8	89.6
175	5.0	4.3	6.5

Manual Integrations
 APPROVED

MMDadoda
 11/20/2020 12:27:31 PM

