

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110520\
 Data File : VL035880.D
 Acq On : 6 Nov 2020 4:24
 Operator : SY/AP
 Sample : L4618-04DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-1DL

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 10:48:19 AM

Quant Time: Nov 08 18:53:57 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	5.65	49	1219591	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	4890651	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.07	117	4468277	10.00	ppbv	-0.03

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.39	95	3157001	9.94	ppbv	-0.03	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.83	43	1740696	13.350	ppbv	98
53) Toluene	9.78	91	1435675	3.272	ppbv	99
62) Isopropylbenzene	14.64	105	95405m	0.136	ppbv	

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

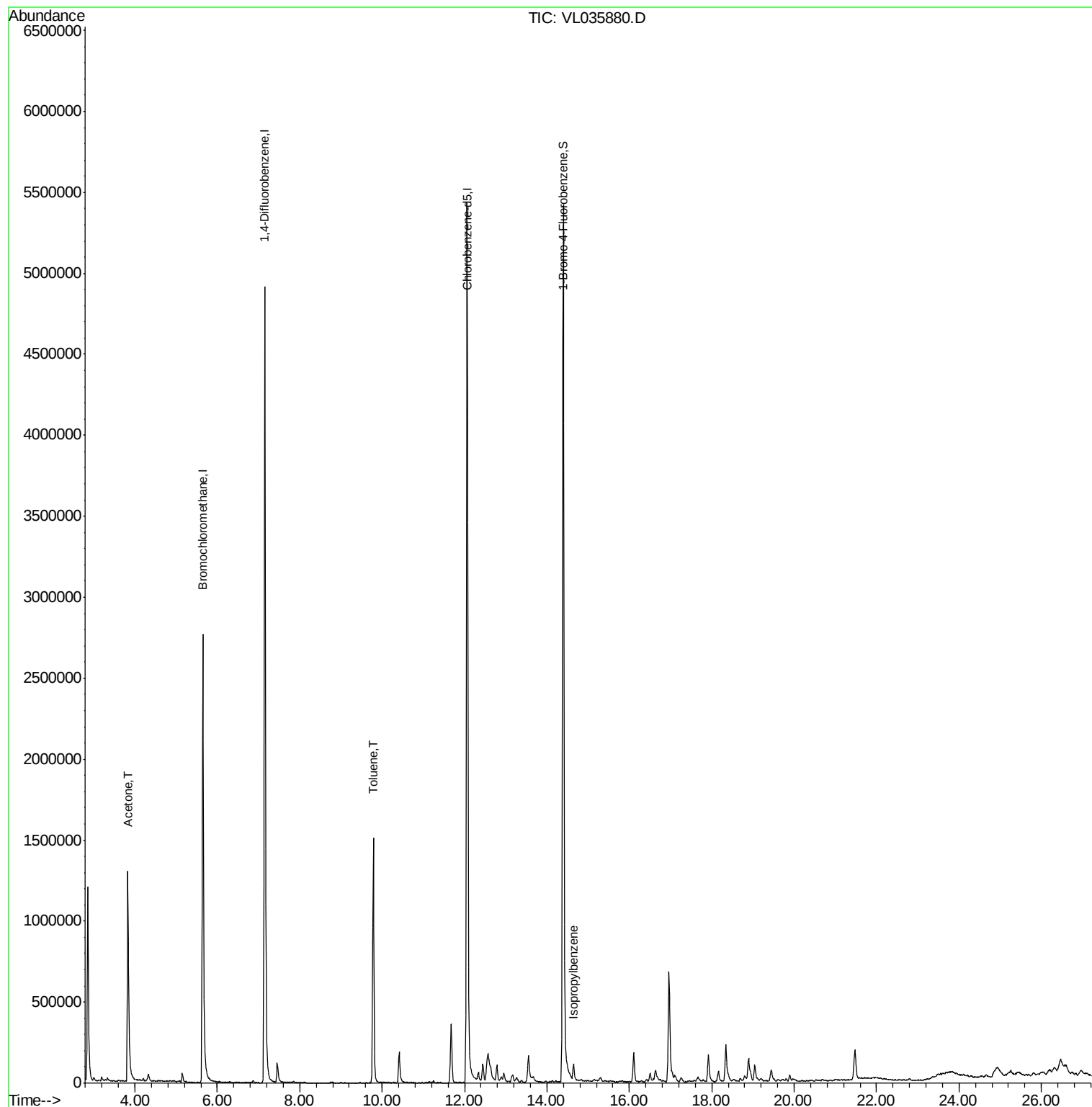
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL110520\
Data File : VL035880.D
Acq On : 6 Nov 2020 4:24
Operator : SY/AP
Sample : L4618-04DL 40X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

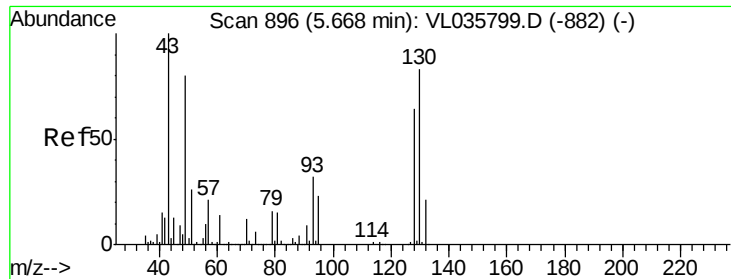
Instrument :
MSVOA_L
ClientSampleId :
SSSG-1DL

Manual Integrations
APPROVED

MMDadoda
11/9/2020 10:48:19 AM

Quant Time: Nov 08 18:53:57 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





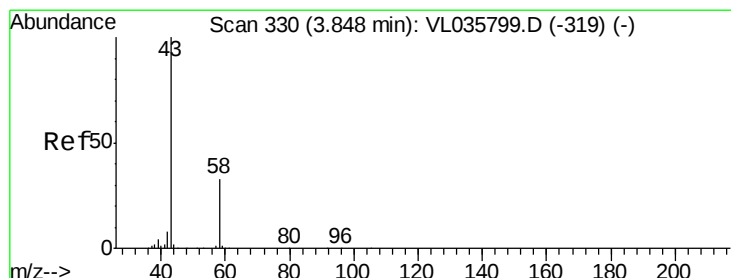
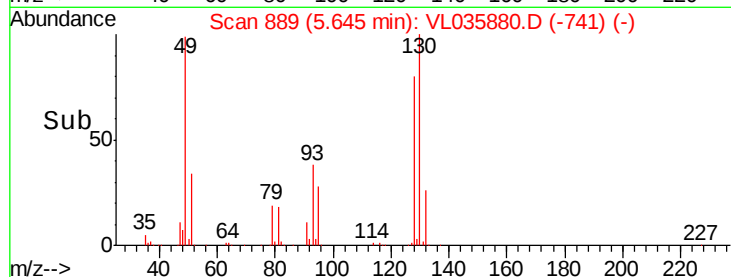
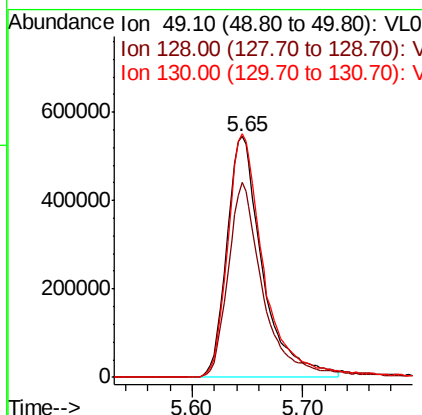
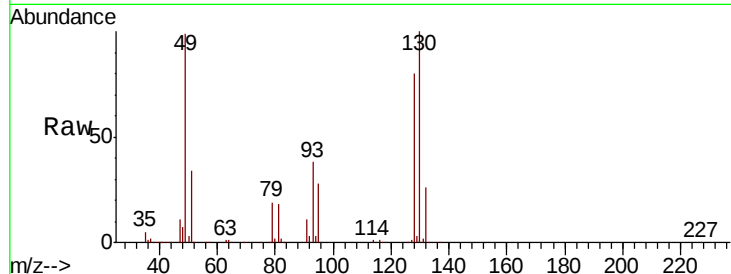
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 889
Delta R.T. -0.02 min
Lab File: VL035880.D
Acq: 6 Nov 2020 4:24

Instrument :
MSVOA_L
ClientSampleId :
SSSG-1DL

Tot Ion: 49 Resp: 1219591
Ion Ratio Lower Upper
49 100
128 81.3 41.5 124.6
130 104.7 53.7 161.1

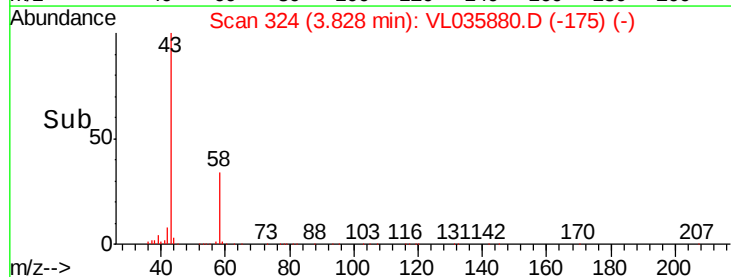
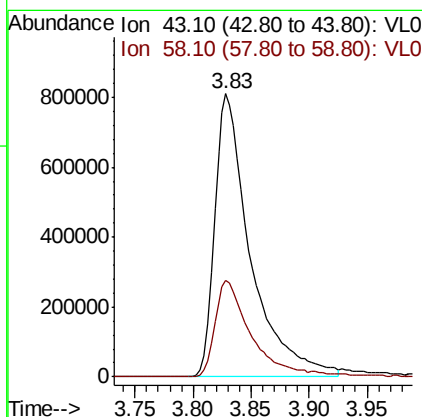
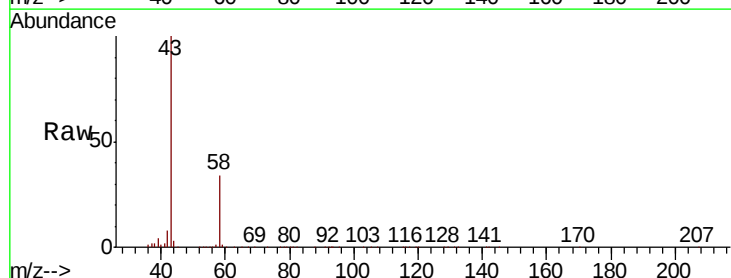
Manual Integrations
APPROVED

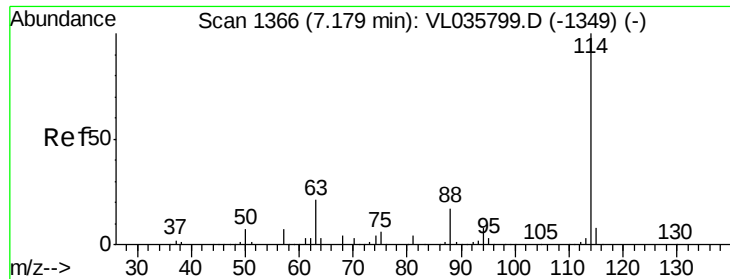
MMDadoda
11/9/2020 10:48:19 AM



#15
Acetone
Concen: 13.350 ppbv
RT: 3.83 min Scan# 324
Delta R.T. -0.02 min
Lab File: VL035880.D
Acq: 6 Nov 2020 4:24

Tgt Ion: 43 Resp: 1740696
Ion Ratio Lower Upper
43 100
58 35.8 27.5 41.3





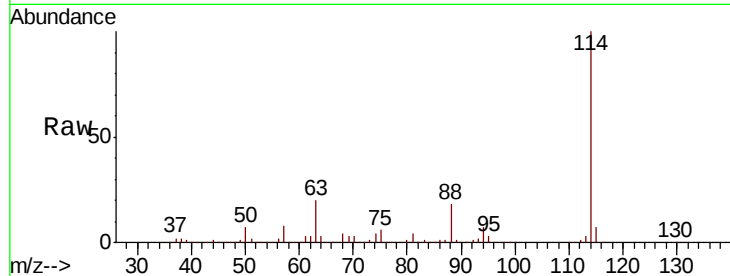
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1358
 Delta R.T. -0.03 min
 Lab File: VL035880.D
 Acq: 6 Nov 2020 4:24

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-1DL

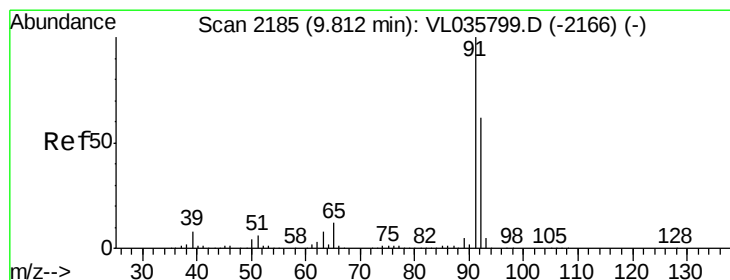
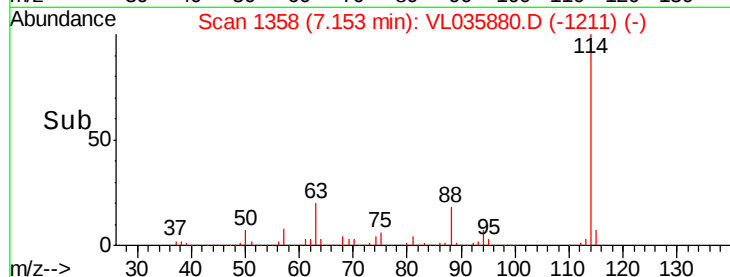
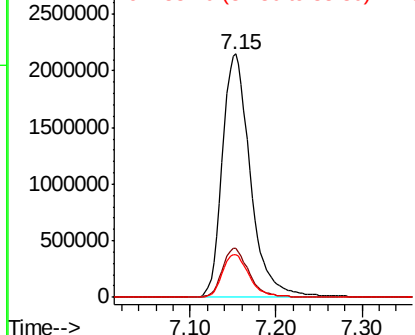
Tot Ion:114 Resp: 4890651
 Ion Ratio Lower Upper
 114 100
 63 19.6 16.1 24.1
 88 17.1 13.7 20.5

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 10:48:19 AM

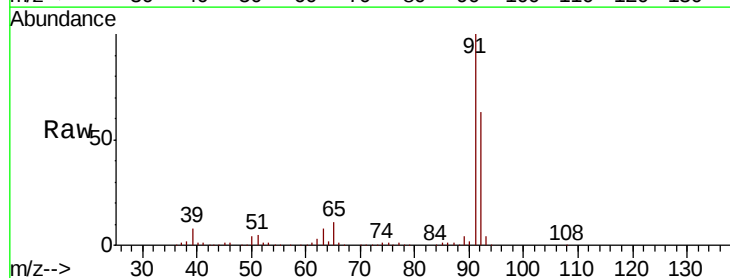


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

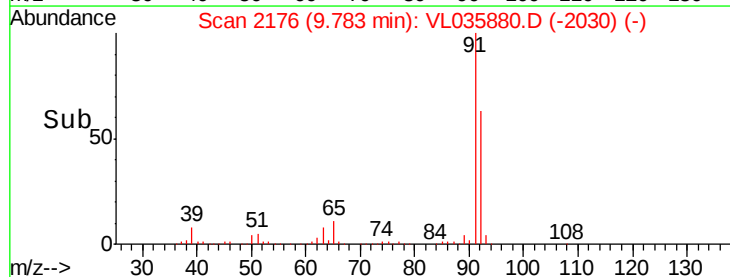
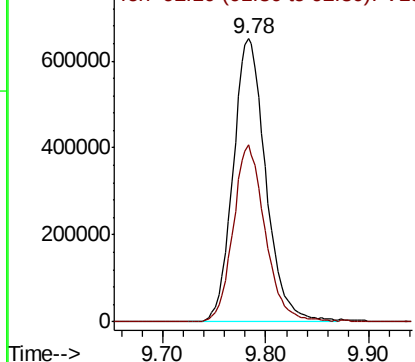


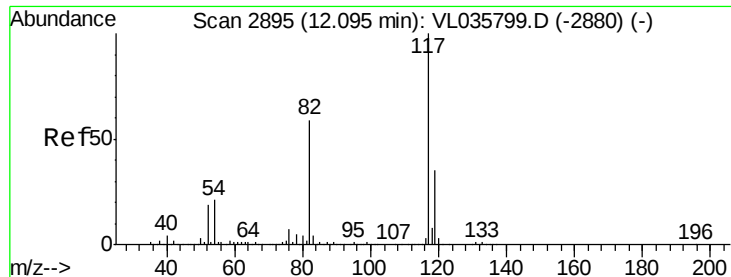
#53
 Toluene
 Concen: 3.272 ppbv
 RT: 9.78 min Scan# 2176
 Delta R.T. -0.03 min
 Lab File: VL035880.D
 Acq: 6 Nov 2020 4:24

Tgt Ion: 91 Resp: 1435675
 Ion Ratio Lower Upper
 91 100
 92 61.7 49.8 74.6



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0





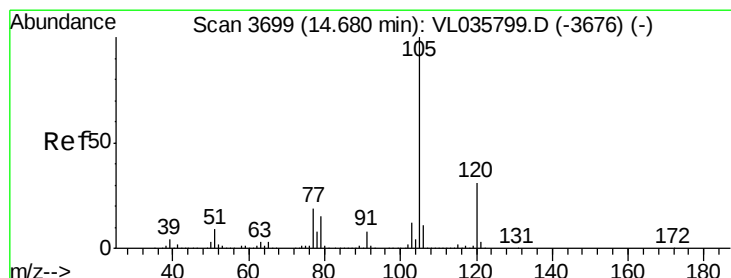
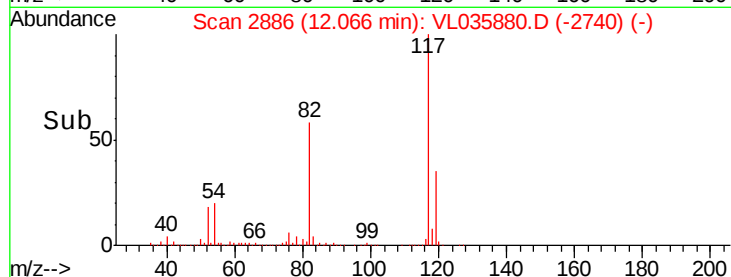
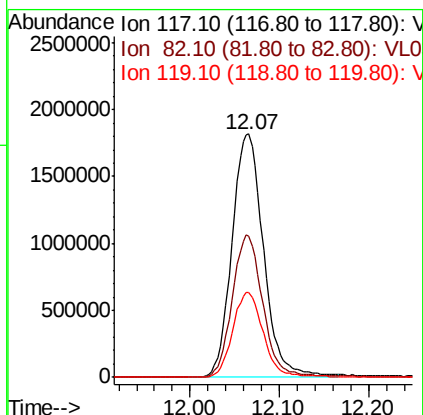
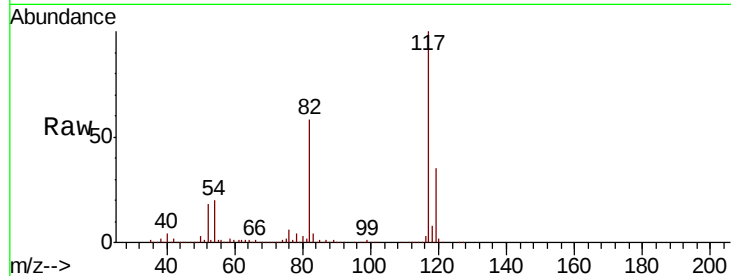
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.03 min
Lab File: VL035880.D
Acq: 6 Nov 2020 4:24

Instrument :
MSVOA_L
ClientSampleId :
SSSG-1DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.8	50.6	76.0
119	34.5	52.6	78.8#

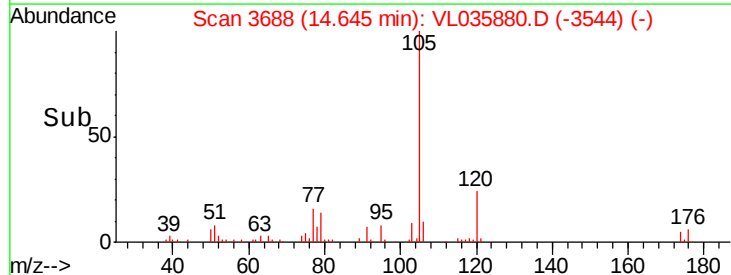
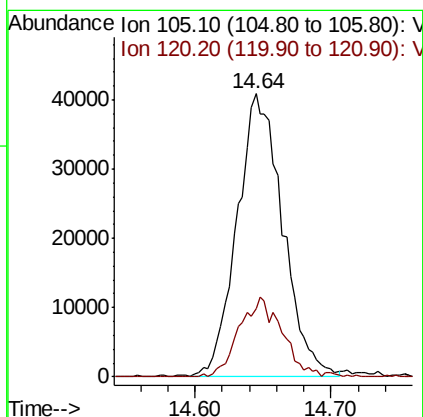
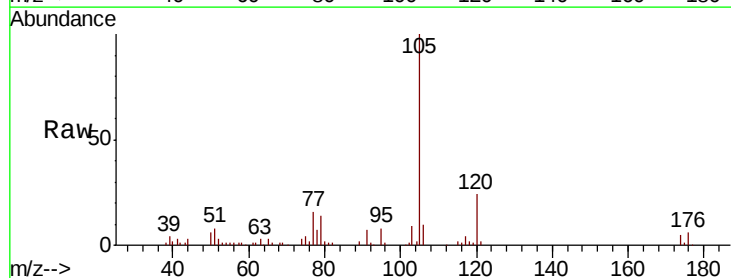
Manual Integrations
APPROVED

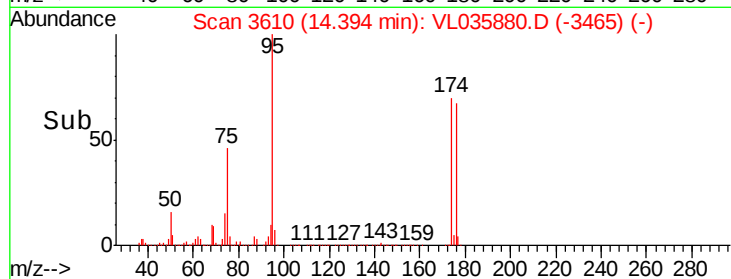
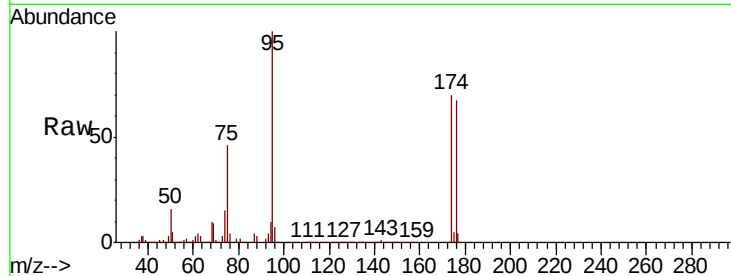
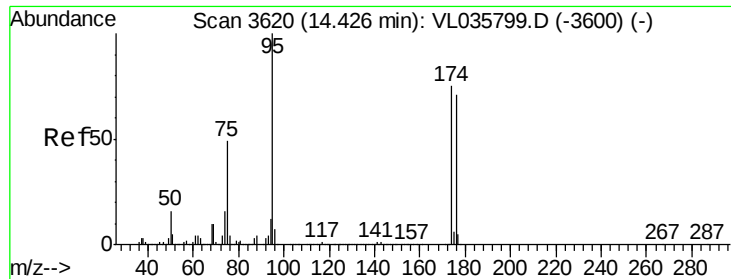
MMDadoda
11/9/2020 10:48:19 AM



#62
Isopropylbenzene
Concen: 0.136 ppbv m
RT: 14.64 min Scan# 3688
Delta R.T. -0.04 min
Lab File: VL035880.D
Acq: 6 Nov 2020 4:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.5	35.3#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.945 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. -0.03 min

Lab File: VL035880.D

Acq: 6 Nov 2020 4:24

Tot Ion: 95 Resp: 3157001

Ion Ratio Lower Upper

95 100

174 74.4 59.8 89.6

175 5.3 4.3 6.5

Instrument :

MSVOA_L

ClientSampleId :

SSSG-1DL

Manual Integrations
APPROVED

MMDadoda
11/9/2020 10:48:19 AM

