

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030520\
 Data File : VL034809.D
 Acq On : 6 Mar 2020 00:18
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 9:19:33 AM

Quant Time: Mar 06 06:48:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030420AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 0
 QLast Update : Wed Mar 04 06:36:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	482951	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.18	114	1178603	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.11	117	1170518	10.00	ppbv	-0.04

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.45	95	904975	9.27	ppbv	-0.04	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
58) Ethvl Benzene	12.73	91	28154m	0.195	ppbv	
59) m/p-Xylene	12.99	91	129130m	1.034	ppbv	
60) o-Xylene	13.72	91	48563m	0.384	ppbv	

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

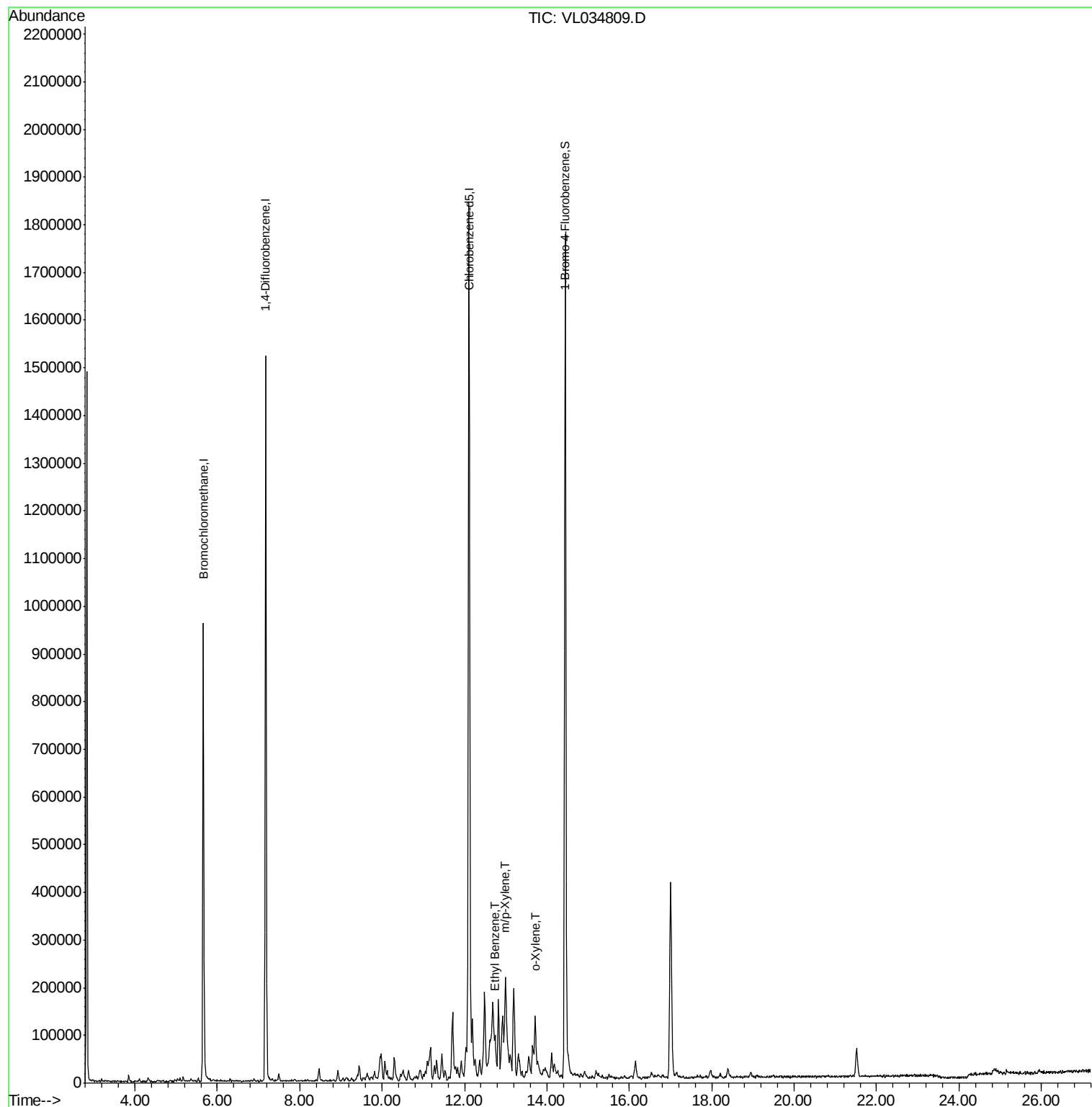
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030520\
Data File : VL034809.D
Acq On : 6 Mar 2020 00:18
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

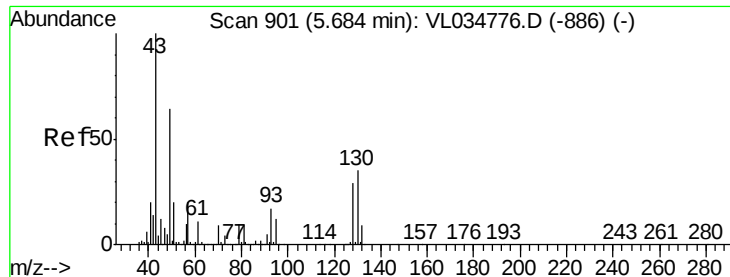
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations
APPROVED

MMDadoda
3/9/2020 9:19:33 AM

Quant Time: Mar 06 06:48:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Mar
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.03 min

Lab File: VL034809.D

Acq: 6 Mar 2020 00:18

Instrument :

MSVOA_L

ClientSampled :

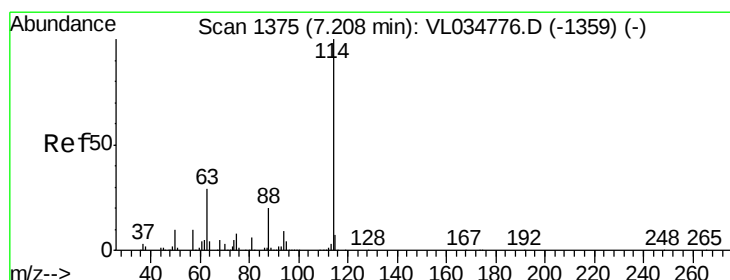
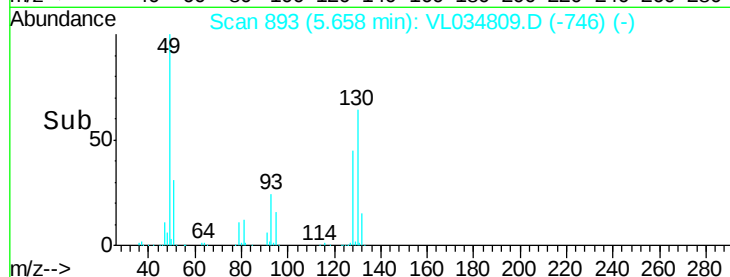
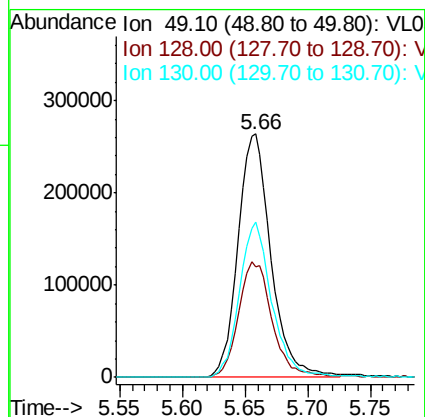
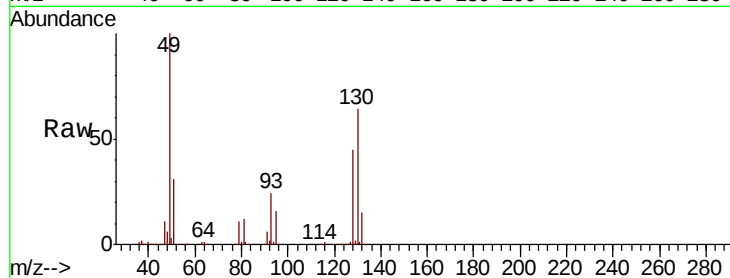
VIBLK

Tot Ion: 49 Resp: 482951
Ion Ratio Lower Upper

49	100		
128	49.4	21.6	64.6
130	63.3	27.4	82.2

Manual Integrations
APPROVED

MMDadoda
3/9/2020 9:19:33 AM



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1365

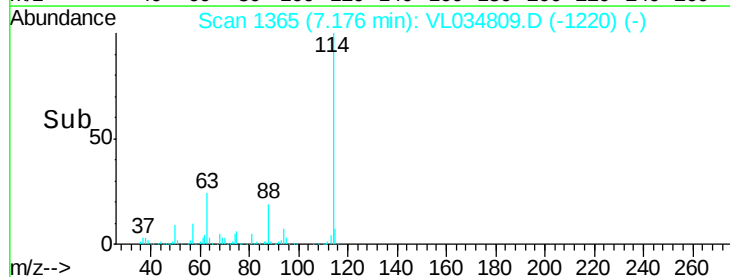
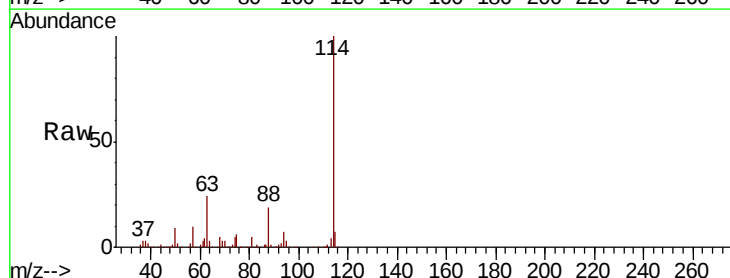
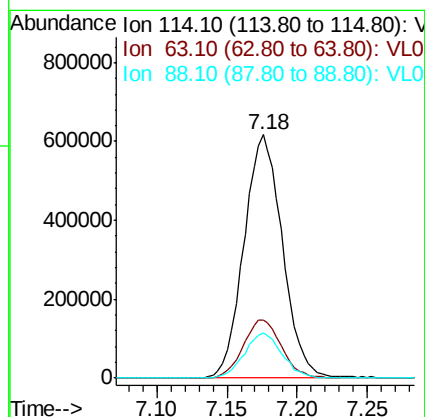
Delta R.T. -0.03 min

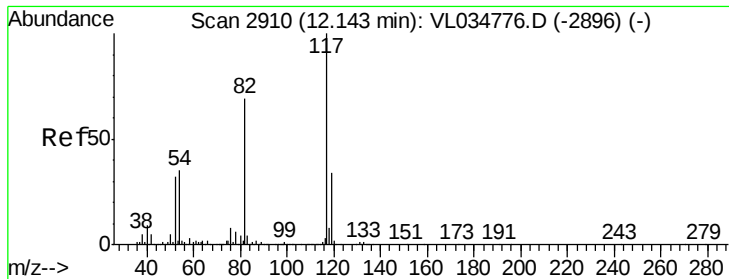
Lab File: VL034809.D

Acq: 6 Mar 2020 00:18

Tgt Ion: 114 Resp: 1178603
Ion Ratio Lower Upper

114	100		
63	23.7	23.6	35.4
88	18.3	15.8	23.8





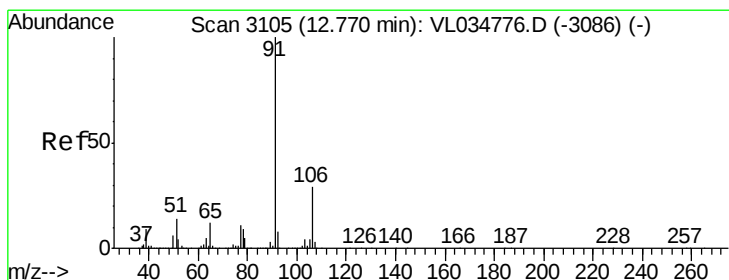
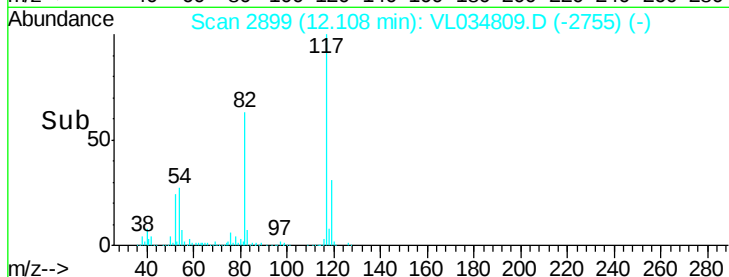
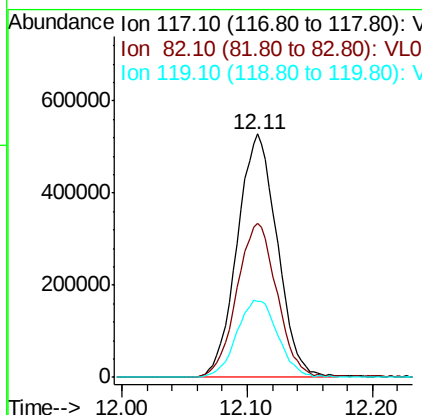
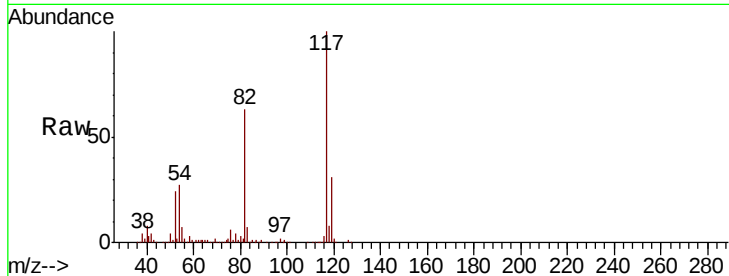
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.04 min
Lab File: VL034809.D
Acq: 6 Mar 2020 00:18

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion	Ratio	Lower	Upper
117	100		
82	63.5	53.9	80.9
119	32.8	25.0	37.4

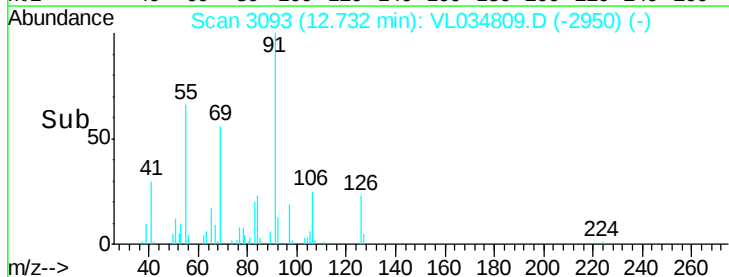
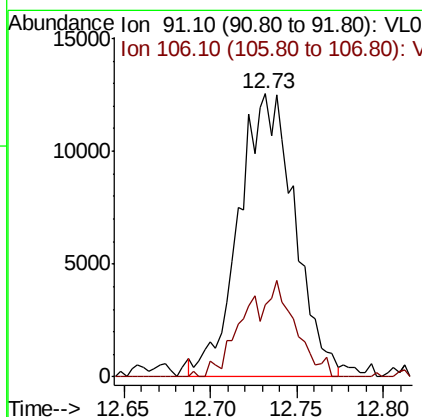
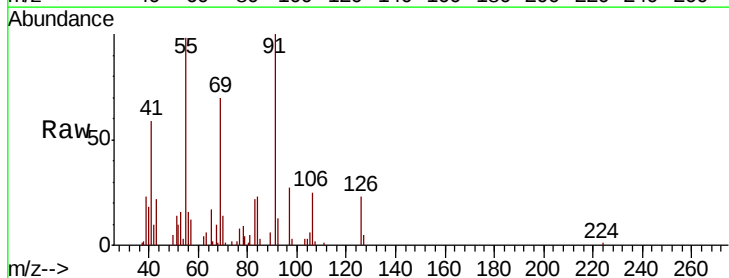
Manual Integrations
APPROVED

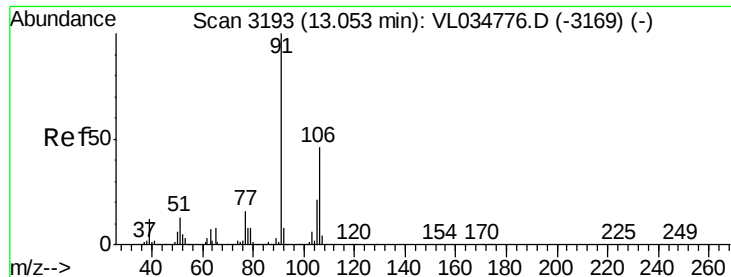
MMDadoda
3/9/2020 9:19:33 AM



#58
Ethyl Benzene
Concen: 0.195 ppbv m
RT: 12.73 min Scan# 3093
Delta R.T. -0.04 min
Lab File: VL034809.D
Acq: 6 Mar 2020 00:18

Tgt Ion	Ratio	Lower	Upper
91	100		
106	25.3	22.8	34.2





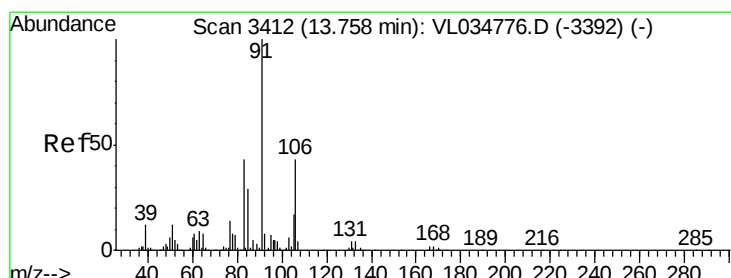
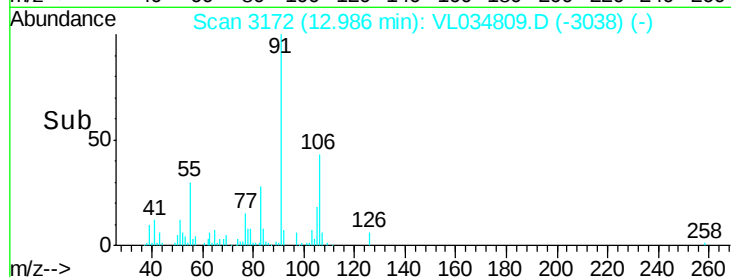
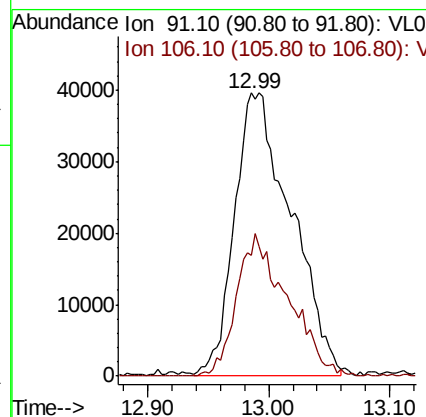
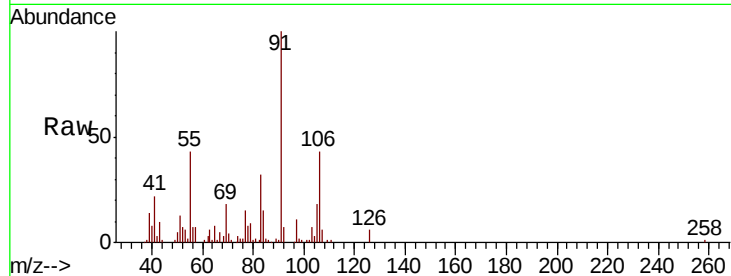
#59
m/p-Xylene
Concen: 1.034 ppbv m
RT: 12.99 min Scan# 3172
Delta R.T. -0.07 min
Lab File: VL034809.D
Acq: 6 Mar 2020 00:18

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion: 91 Resp: 129130
Ion Ratio Lower Upper
91 100
106 0.0 35.8 53.8#

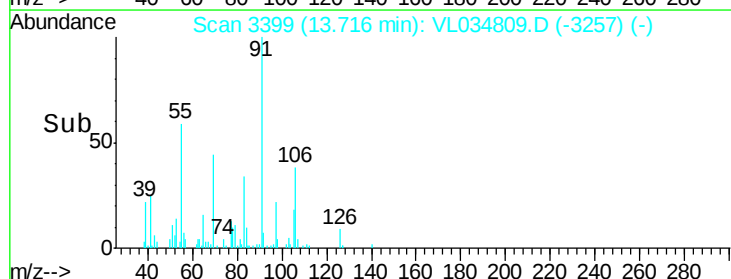
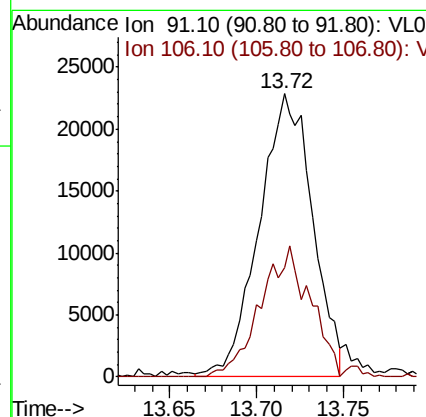
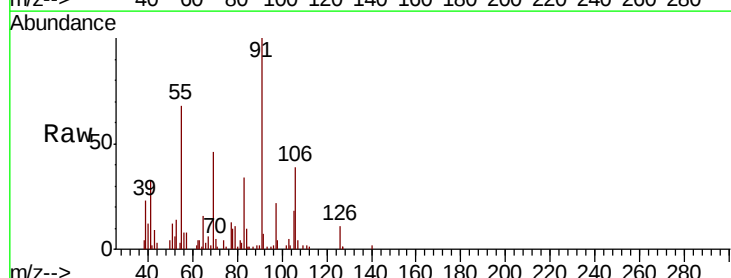
Manual Integrations
APPROVED

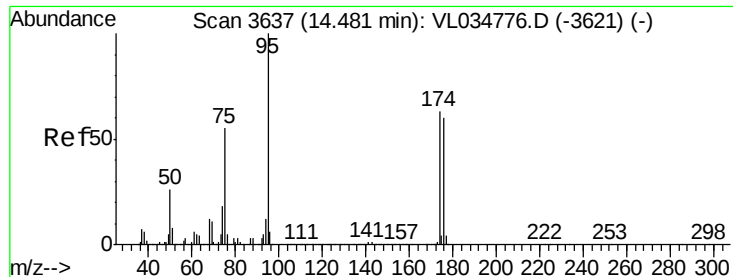
MMDadoda
3/9/2020 9:19:33 AM



#60
o-Xylene
Concen: 0.384 ppbv m
RT: 13.72 min Scan# 3399
Delta R.T. -0.04 min
Lab File: VL034809.D
Acq: 6 Mar 2020 00:18

Tgt Ion: 91 Resp: 48563
Ion Ratio Lower Upper
91 100
106 44.5 21.7 65.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.272 ppbv
 RT: 14.45 min Scan# 3626
 Delta R.T. -0.04 min
 Lab File: VL034809.D
 Acq: 6 Mar 2020 00:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion	Ratio	Resp Lower	Resp Upper
95	100		
174	75.5	50.6	76.0
175	5.7	3.8	5.6

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 9:19:33 AM

