

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102418\
 Data File : VL032691.D
 Acq On : 24 Oct 2018 17:25
 Operator : SY/AP
 Sample : J5164-13 0.4 LOD
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2018

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 3:39:54 PM

Quant Time: Oct 25 21:57:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 25 2018
 QLast Update : Thu Oct 25 05:15:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1489469	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3539829	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3418361	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2633876	10.35	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.50%

Target Compounds					Qvalue
13) Ethanol	3.68	45	8756m	0.639	ppbv
40) 1,4-Dioxane	8.03	88	11439m	0.302	ppbv
66) Benzyl Chloride	17.18	91	68657m	0.323	ppbv
80) Naphthalene,2-methyl-	25.14	142	2273m	0.040	ppbv

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

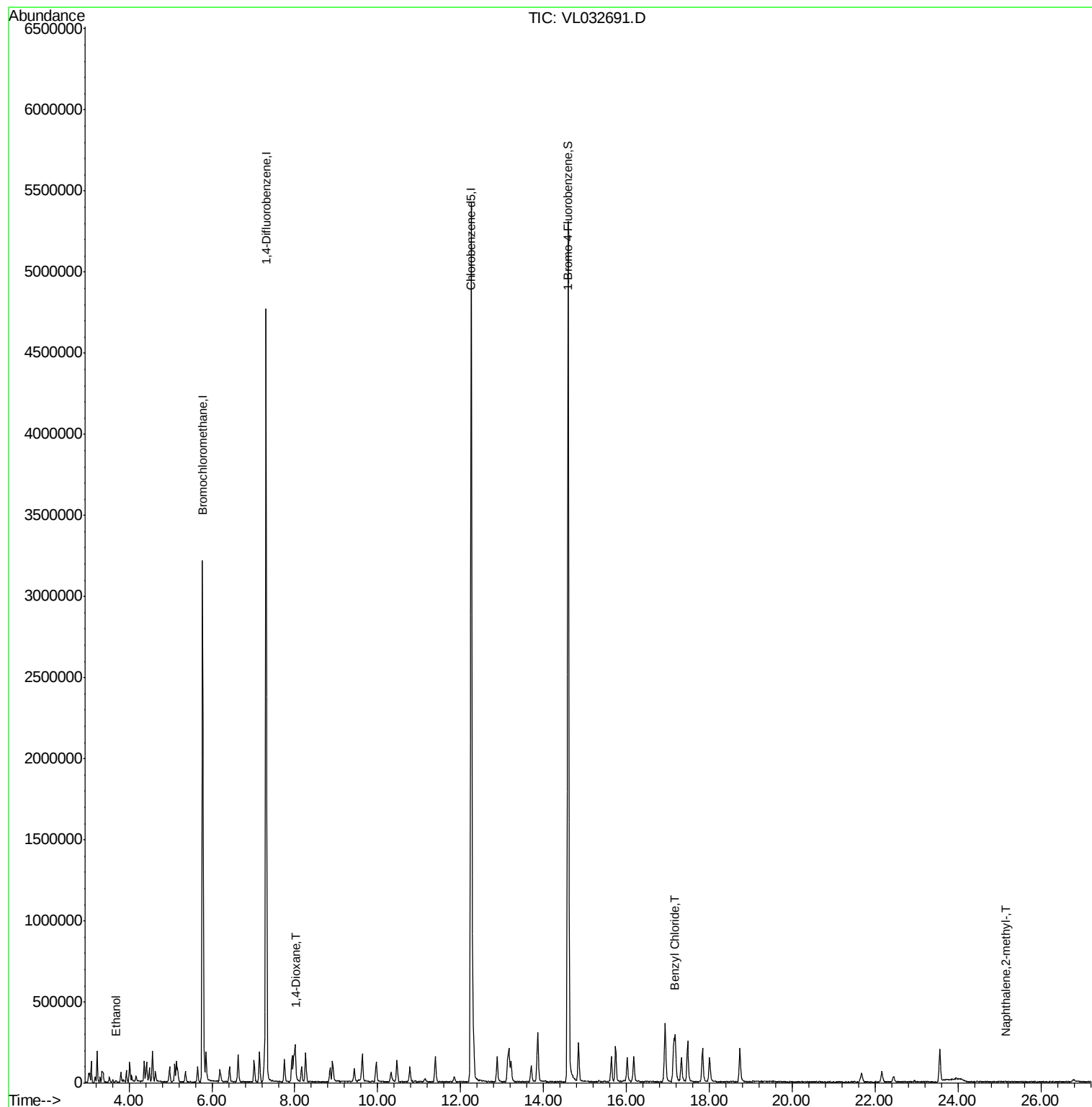
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL102418\
Data File : VL032691.D
Acq On : 24 Oct 2018 17:25
Operator : SY/AP
Sample : J5164-13 0.4 LOD
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

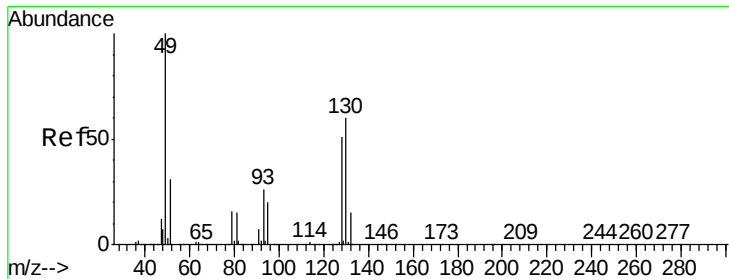
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2018

Manual Integrations
APPROVED

MMDadoda
10/26/2018 3:39:54 PM

Quant Time: Oct 25 21:57:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct
QLast Update : Thu Oct 25 05:15:43 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 882

Delta R.T. -0.01 min

Lab File: VL032691.D

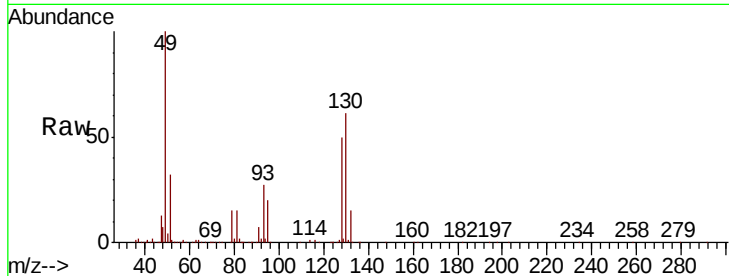
Acq: 24 Oct 2018 17:25

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2018



Tgt Ion: 49 Resp: 1489469

Ion Ratio Lower Upper

49 100

128 48.9 22.3 66.8

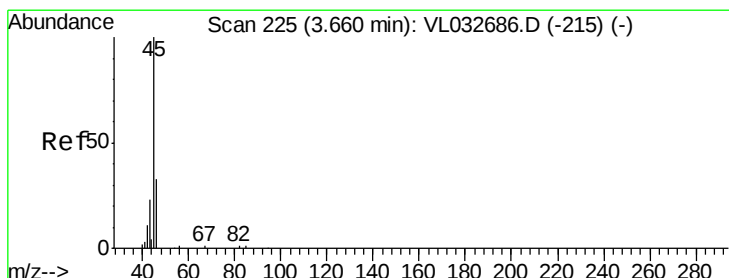
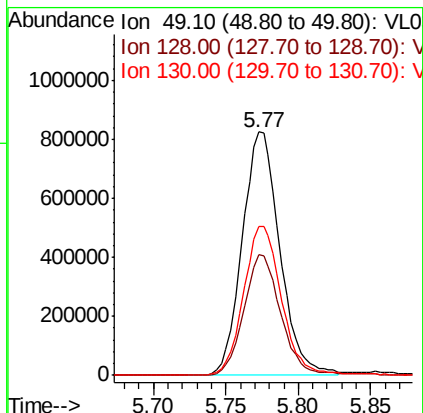
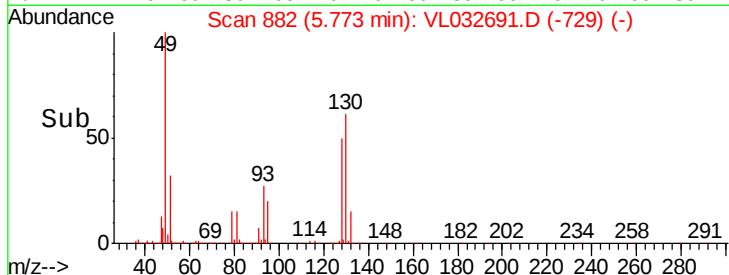
130 62.1 28.4 85.3

Manual Integrations

APPROVED

MMDadoda

10/26/2018 3:39:54 PM



#13

Ethanol

Concen: 0.639 ppbv m

RT: 3.68 min Scan# 230

Delta R.T. 0.02 min

Lab File: VL032691.D

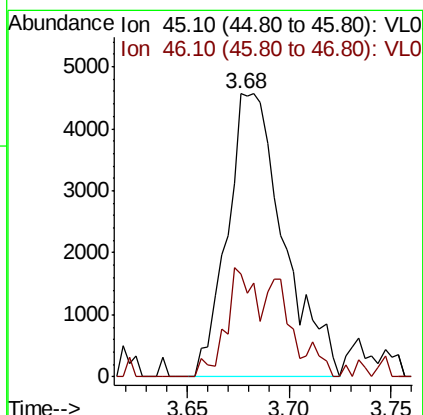
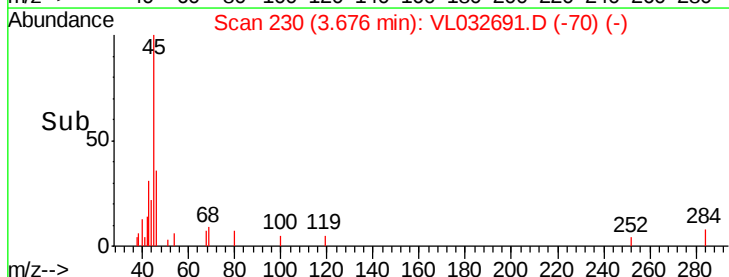
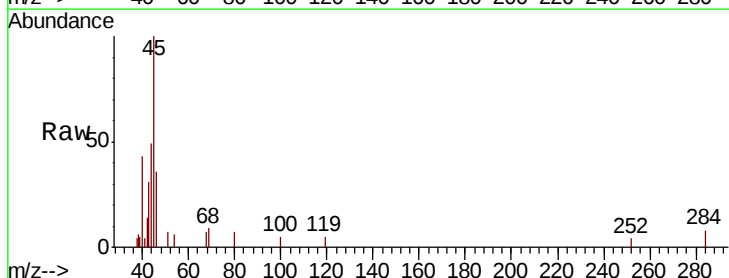
Acq: 24 Oct 2018 17:25

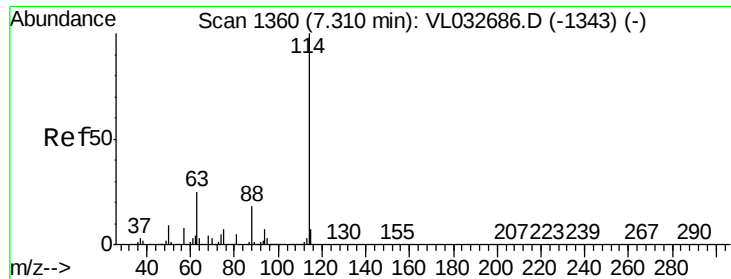
Tgt Ion: 45 Resp: 8756

Ion Ratio Lower Upper

45 100

46 38.0 15.4 61.8





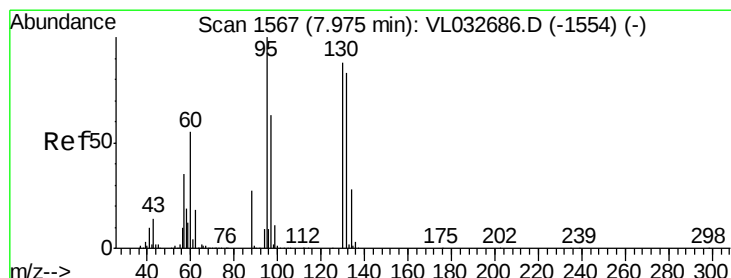
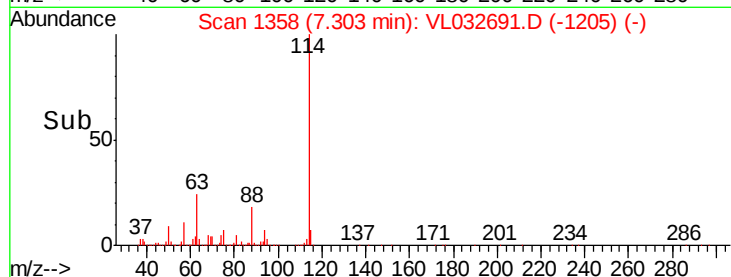
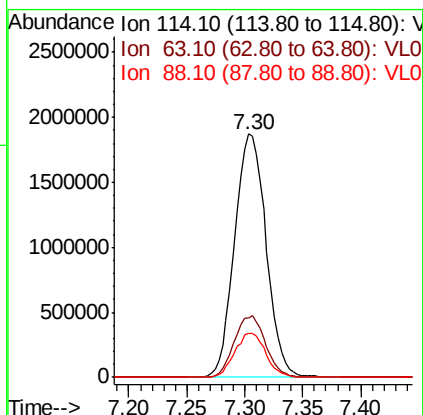
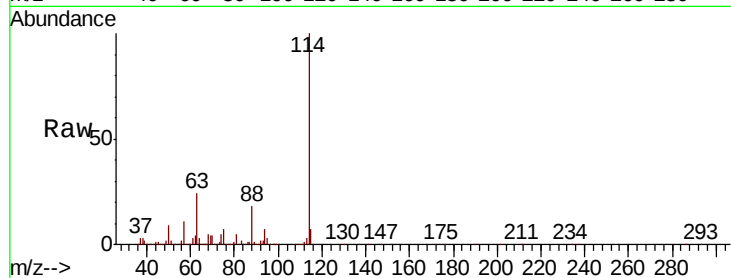
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.30 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VL032691.D
 Acq: 24 Oct 2018 17:25

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2018

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.2	21.7	32.5
88	17.9	14.9	22.3

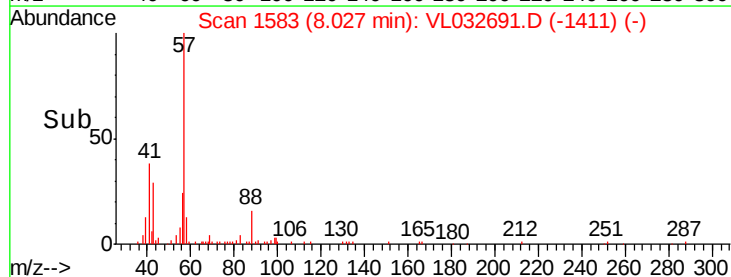
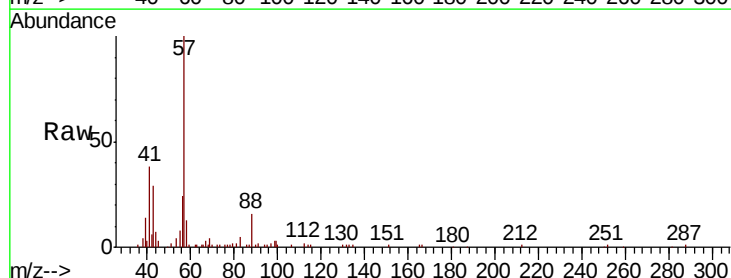
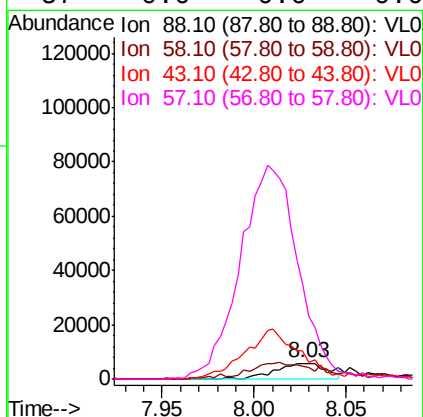
Manual Integrations
 APPROVED

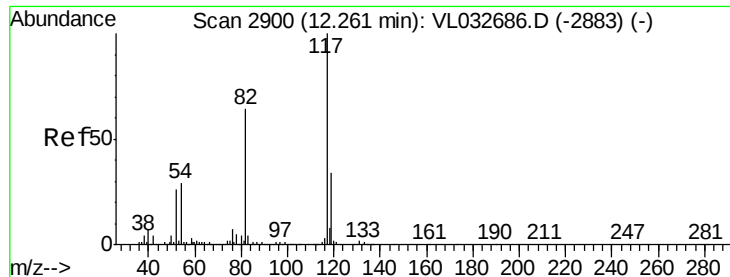
MMDadoda
 10/26/2018 3:39:54 PM



#40
 1,4-Dioxane
 Concen: 0.302 ppbv m
 RT: 8.03 min Scan# 1583
 Delta R.T. 0.05 min
 Lab File: VL032691.D
 Acq: 24 Oct 2018 17:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	104.0	156.0#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





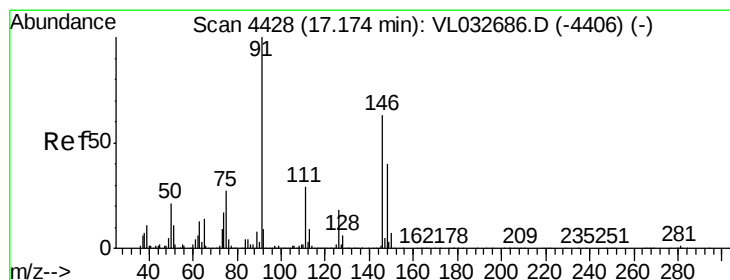
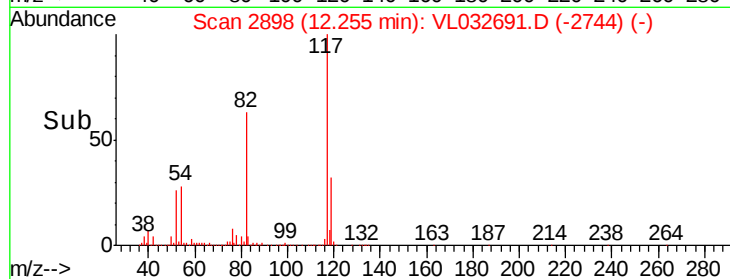
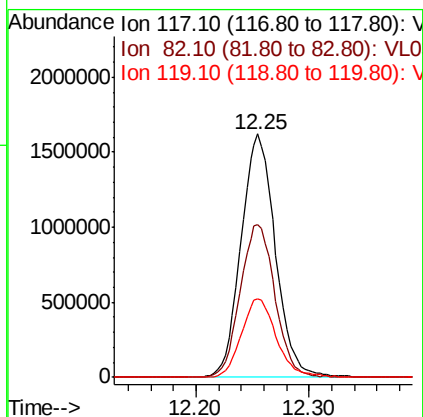
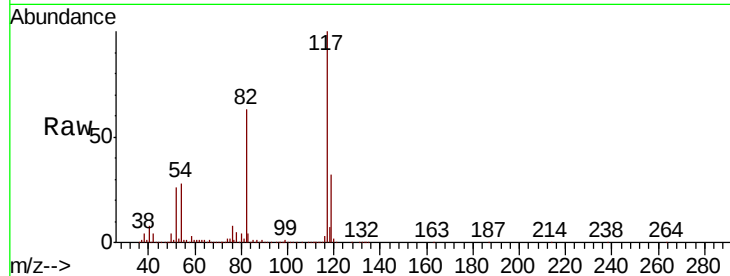
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VL032691.D
Acq: 24 Oct 2018 17:25

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2018

Tgt Ion: 117 Resp: 3418361
Ion Ratio Lower Upper
117 100
82 64.1 52.7 79.1
119 33.2 26.7 40.1

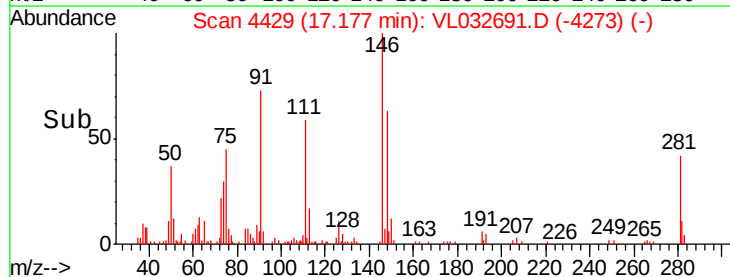
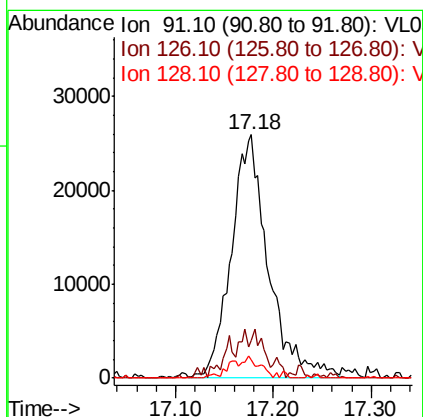
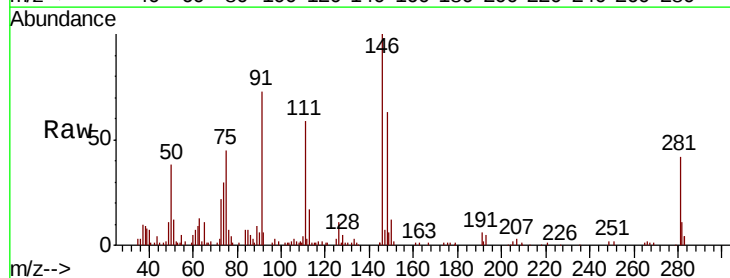
Manual Integrations
APPROVED

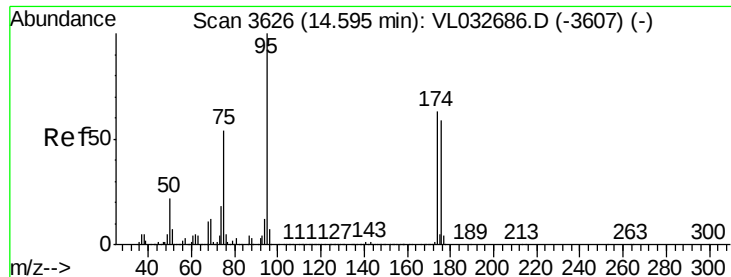
MMDadoda
10/26/2018 3:39:54 PM



#66
Benzyl Chloride
Concen: 0.323 ppbv m
RT: 17.18 min Scan# 4429
Delta R.T. 0.00 min
Lab File: VL032691.D
Acq: 24 Oct 2018 17:25

Tgt Ion: 91 Resp: 68657
Ion Ratio Lower Upper
91 100
126 21.0 13.9 20.9#
128 7.3 4.3 6.5#





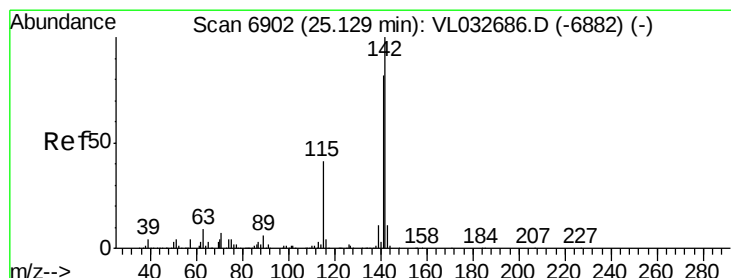
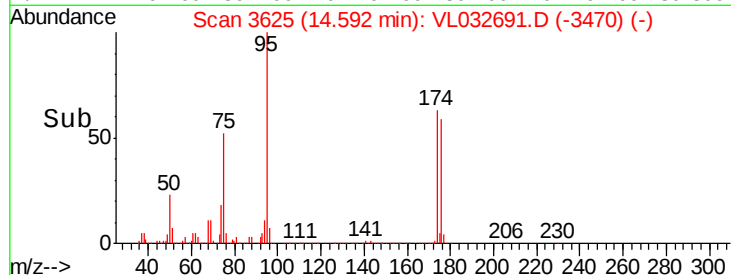
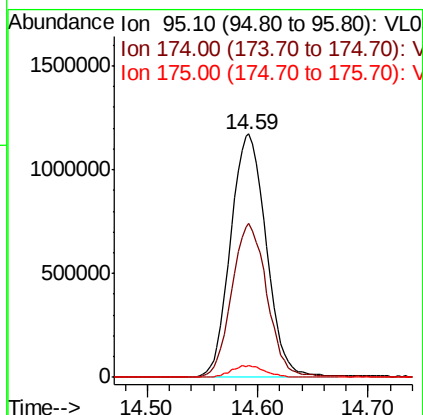
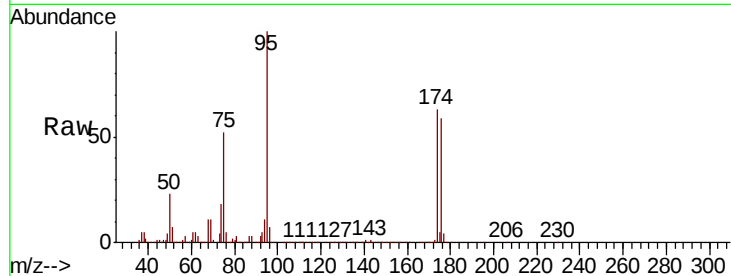
#68
1-Bromo-4-Fluorobenzene
Concen: 10.348 ppbv
RT: 14.59 min Scan# 3625
Delta R.T. -0.00 min
Lab File: VL032691.D
Acq: 24 Oct 2018 17:25

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2018

Tgt Ion: 95 Resp: 2633876
Ion Ratio Lower Upper
95 100
174 63.3 46.0 69.0
175 4.6 3.4 5.0

Manual Integrations
APPROVED

MMDadoda
10/26/2018 3:39:54 PM



#80
Naphthalene, 2-methyl-
Concen: 0.040 ppbv m
RT: 25.14 min Scan# 6906
Delta R.T. 0.02 min
Lab File: VL032691.D
Acq: 24 Oct 2018 17:25

Tgt Ion: 142 Resp: 2273
Ion Ratio Lower Upper
142 100
141 90.1 67.5 101.3
115 0.0 33.5 50.3#

