

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120718\
 Data File : VL032945.D
 Acq On : 7 Dec 2018 21:48
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 10:09:31 AM

Quant Time: Dec 08 04:02:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 0
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1167397	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3029710	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2810968	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2125015	10.23	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.30%

Target Compounds					Qvalue
20) Methylene Chloride	4.42	84	11566m	0.236	ppbv

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

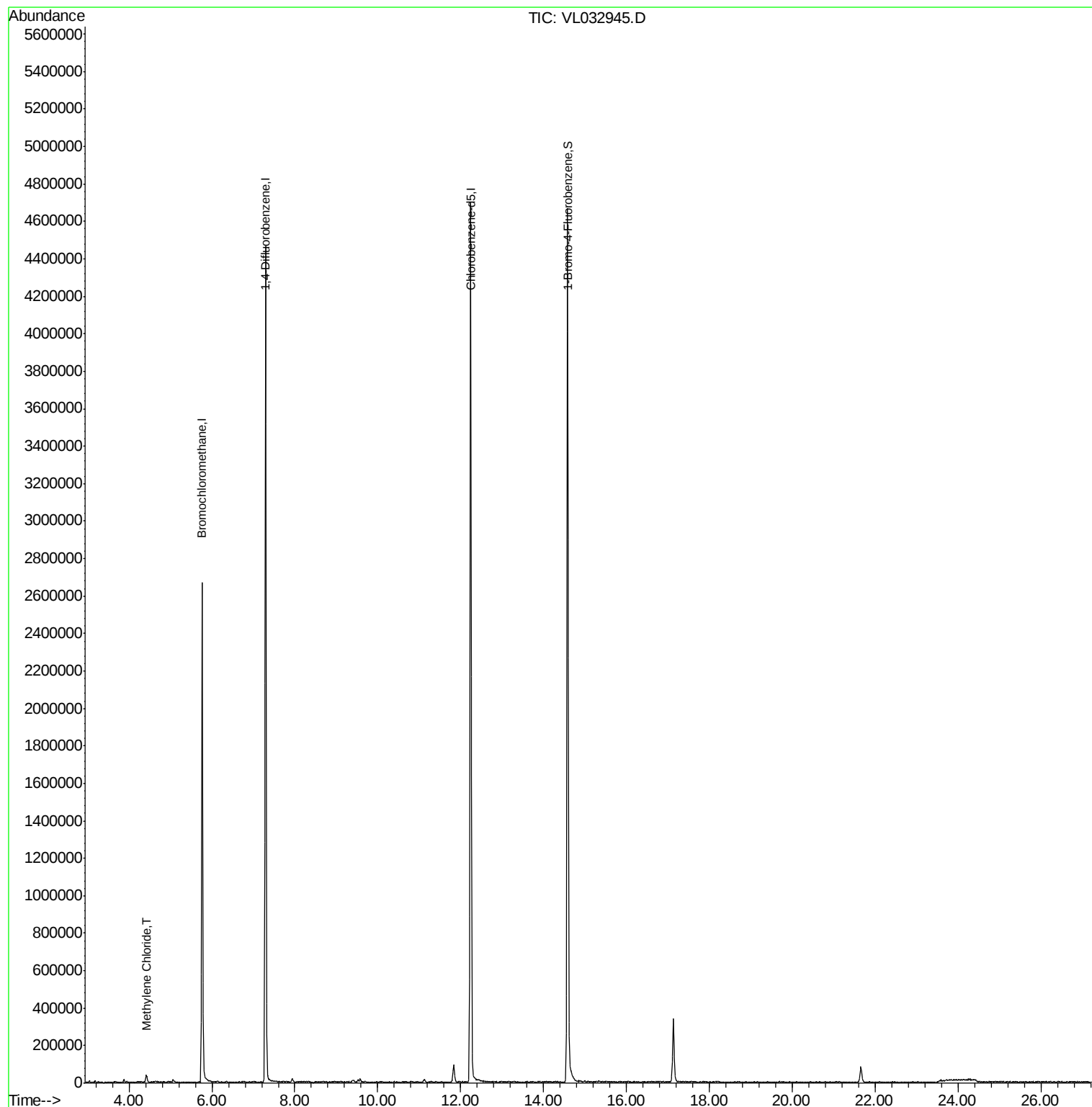
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL120718\
Data File : VL032945.D
Acq On : 7 Dec 2018 21:48
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

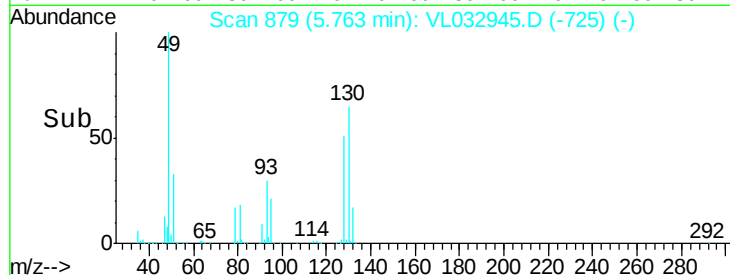
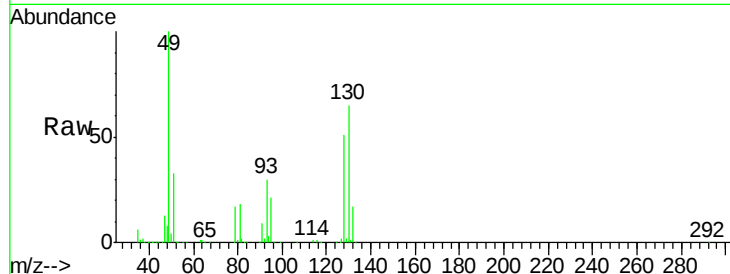
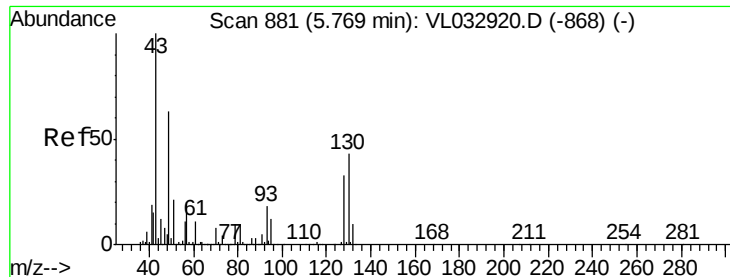
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations
APPROVED

MMDadoda
12/11/2018 10:09:31 AM

Quant Time: Dec 08 04:02:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration





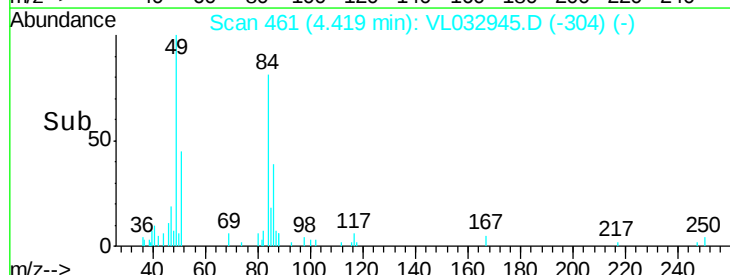
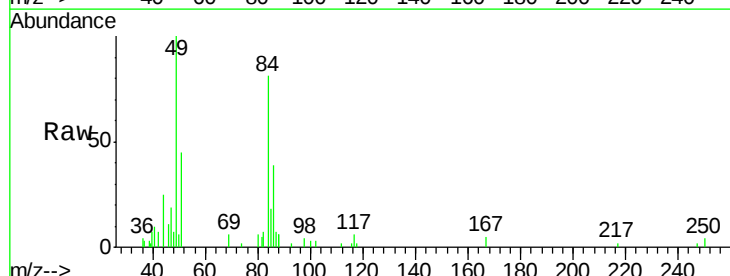
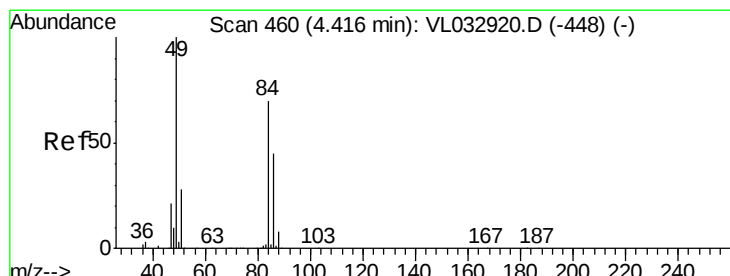
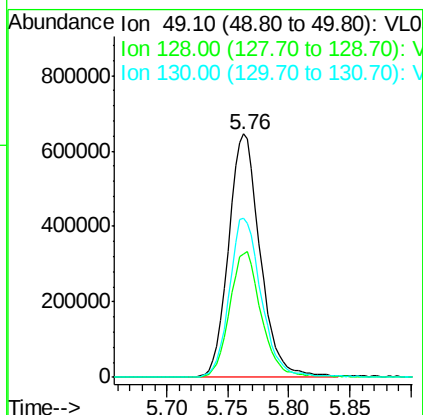
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 879
Delta R.T. -0.01 min
Lab File: VL032945.D
Acq: 7 Dec 2018 21:48

Tgt Ion: 49 Resp: 1167397
Ion Ratio Lower Upper
49 100
128 52.3 26.3 78.8
130 66.7 33.9 101.7

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

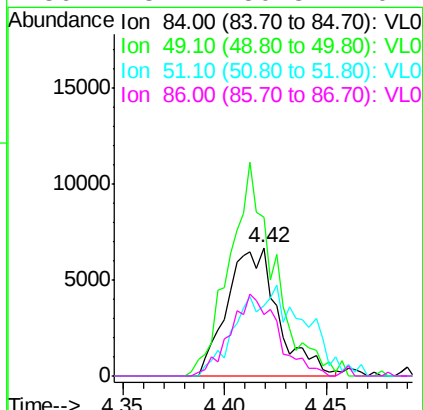
Manual Integrations
APPROVED

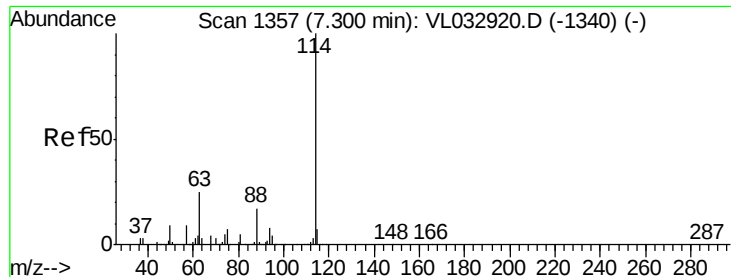
MMDadoda
12/11/2018 10:09:31 AM



#20
Methylene Chloride
Concen: 0.236 ppbv m
RT: 4.42 min Scan# 461
Delta R.T. 0.00 min
Lab File: VL032945.D
Acq: 7 Dec 2018 21:48

Tgt Ion: 84 Resp: 11566
Ion Ratio Lower Upper
84 100
49 123.3 113.8 170.8
51 55.1 31.8 47.8#
86 48.1 50.8 76.2#





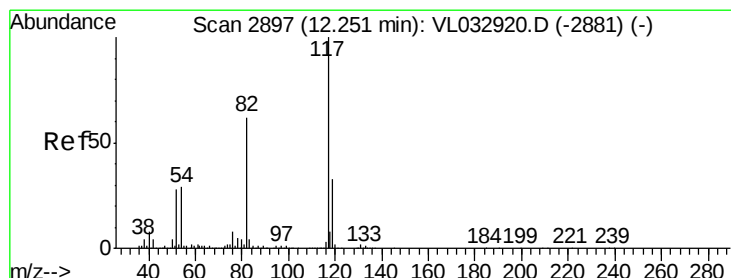
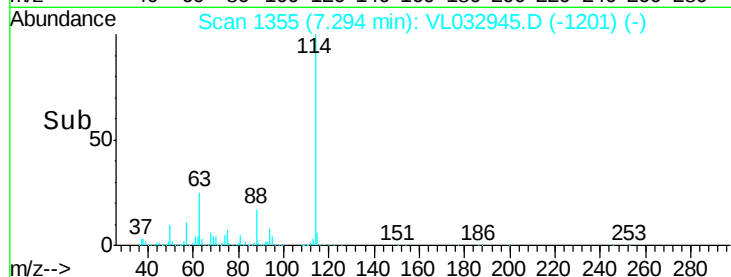
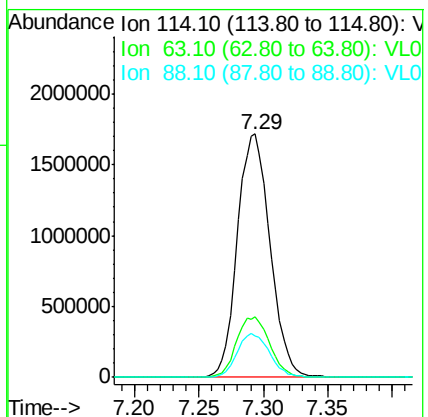
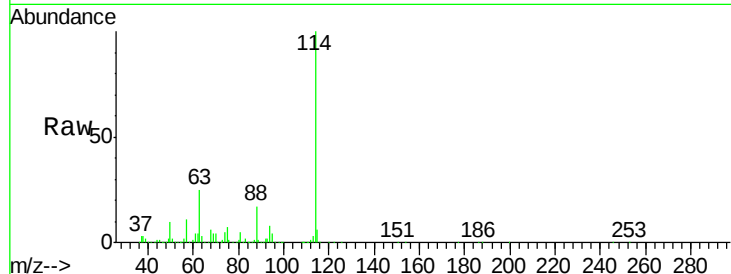
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VL032945.D
 Acq: 7 Dec 2018 21:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion:114 Resp: 3029710
 Ion Ratio Lower Upper
 114 100
 63 25.4 20.1 30.1
 88 17.9 14.2 21.4

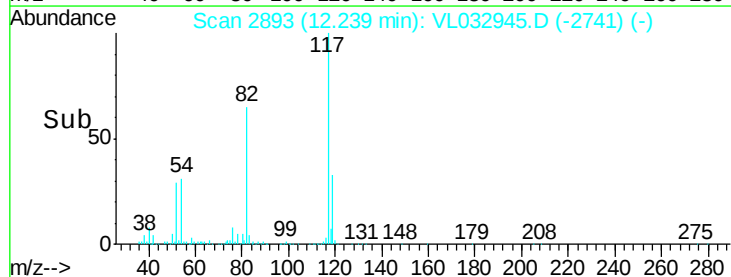
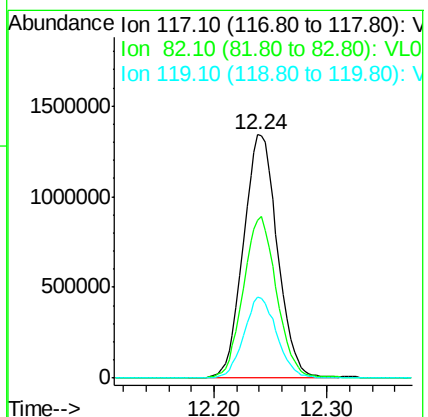
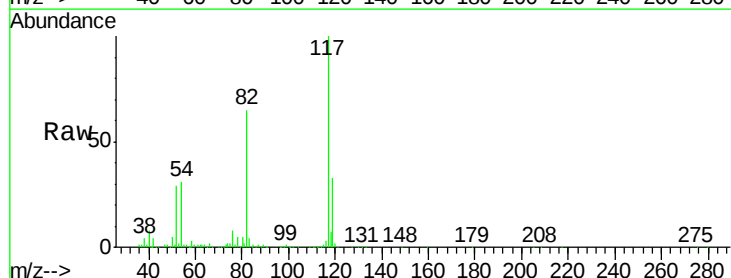
Manual Integrations
 APPROVED

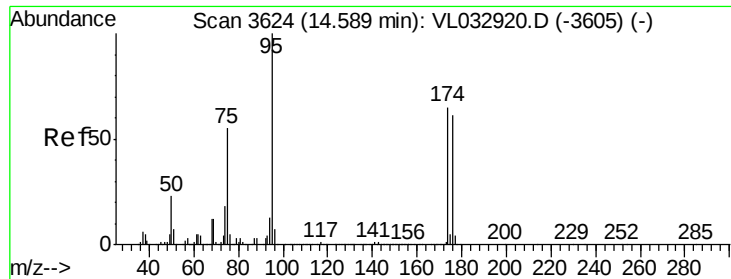
MMDadoda
 12/11/2018 10:09:31 AM



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.24 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: VL032945.D
 Acq: 7 Dec 2018 21:48

Tgt Ion:117 Resp: 2810968
 Ion Ratio Lower Upper
 117 100
 82 65.2 47.8 71.8
 119 32.3 43.1 64.7#





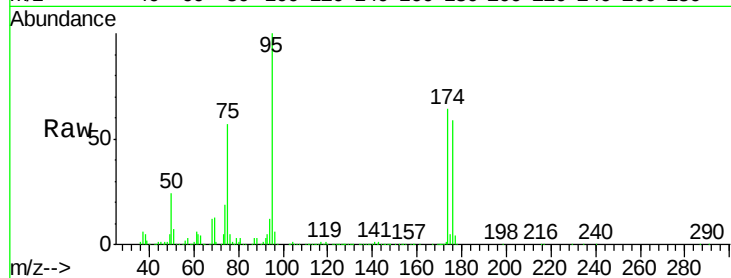
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.233 ppbv
 RT: 14.58 min Scan# 3620
 Delta R.T. -0.01 min
 Lab File: VL032945.D
 Acq: 7 Dec 2018 21:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion	Ratio	Lower	Upper
95	100		
174	64.5	51.4	77.0
175	4.7	3.8	5.6

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 10:09:31 AM



Abundance Ion 95.10 (94.80 to 95.80): VL0
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V

