

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031819\
Data File : VL033385.D
Acq On : 19 Mar 2019 10:59
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Mar 20 01:41:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 15 14:52:14 2019
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	715291	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.28	114	1774592	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.24	117	1643618	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1261503	10.36	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.60%

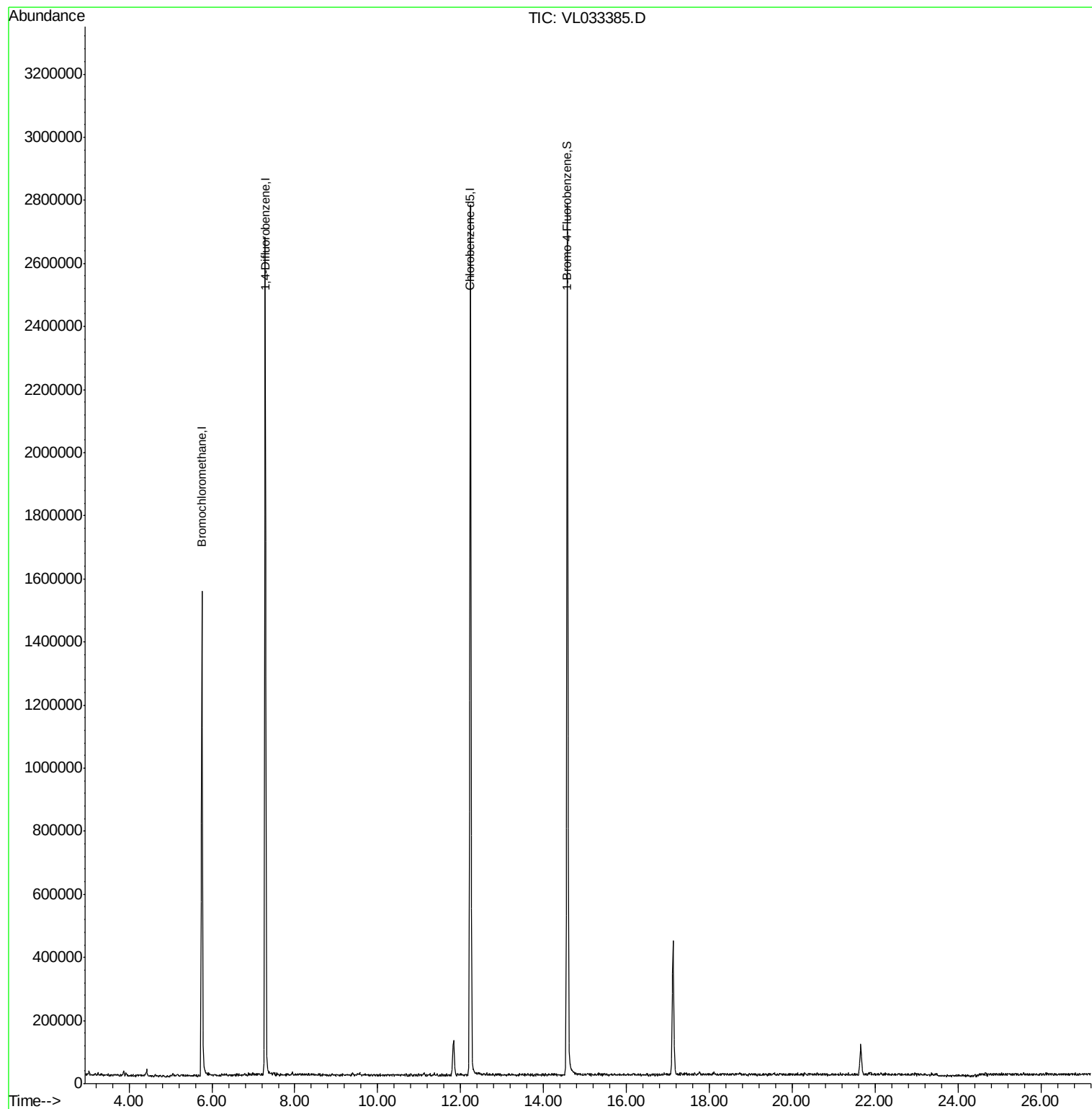
Target Compounds	Ovalue
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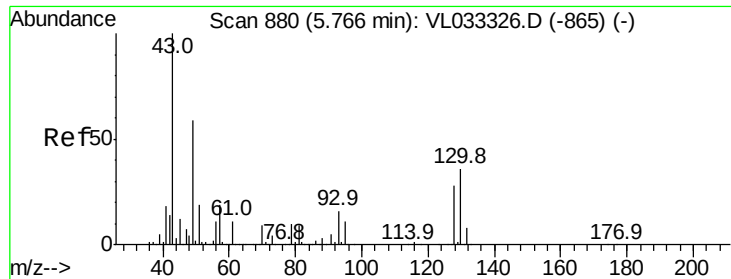
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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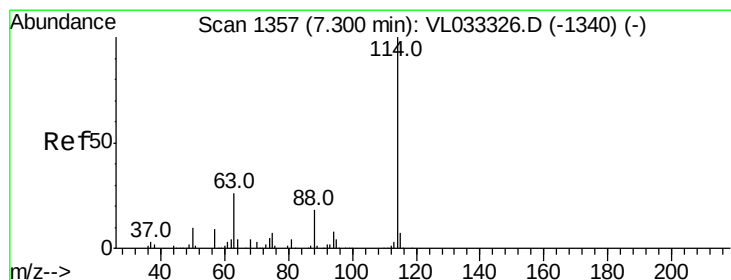
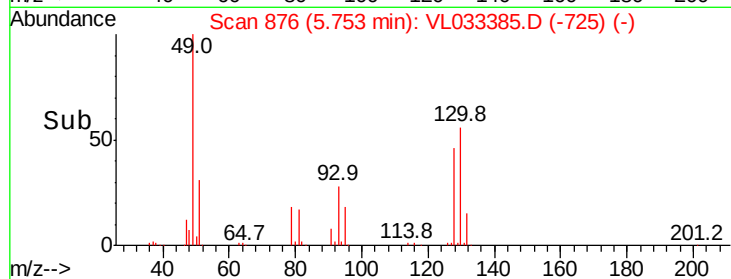
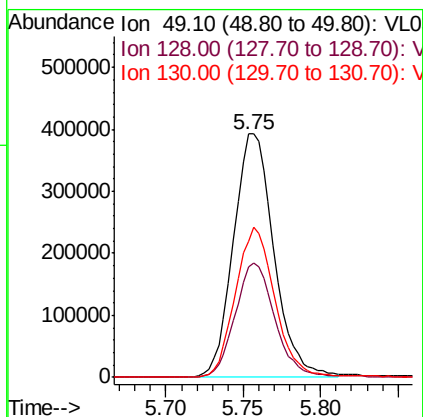
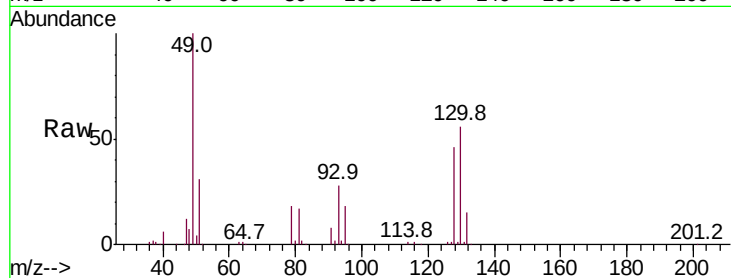




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.75 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: VL033385.D
 Acq: 19 Mar 2019 10:59

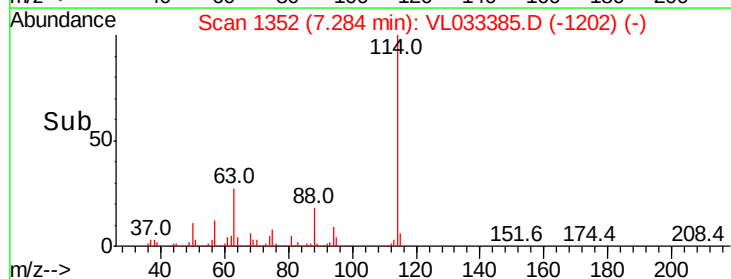
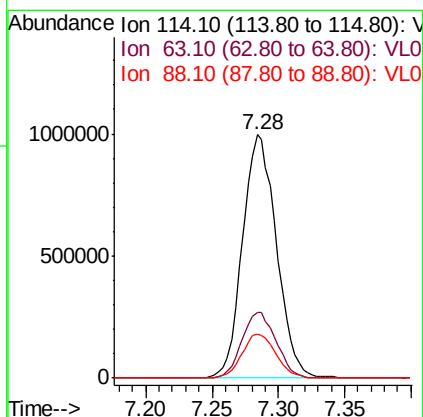
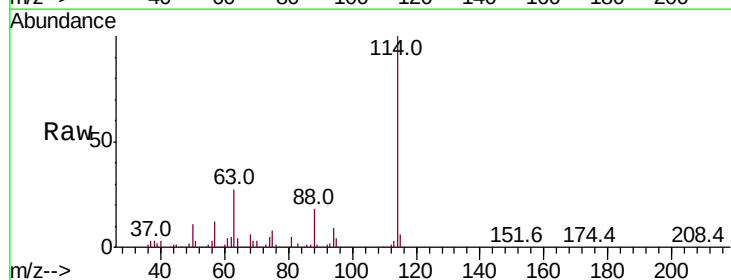
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

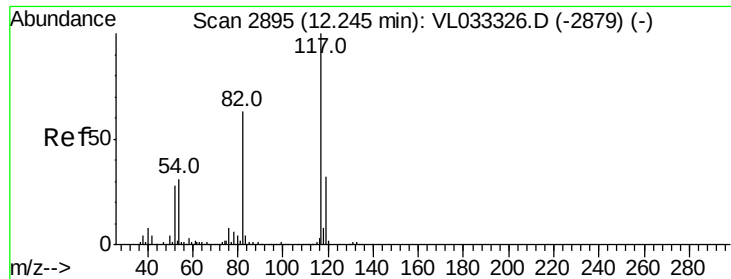
Tot Ion: 49 Resp: 715291
 Ion Ratio Lower Upper
 49 100
 128 46.3 23.5 70.6
 130 60.5 30.1 90.3



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.28 min Scan# 1352
 Delta R.T. -0.02 min
 Lab File: VL033385.D
 Acq: 19 Mar 2019 10:59

Tgt Ion:114 Resp: 1774592
 Ion Ratio Lower Upper
 114 100
 63 27.3 21.4 32.2
 88 18.2 14.5 21.7

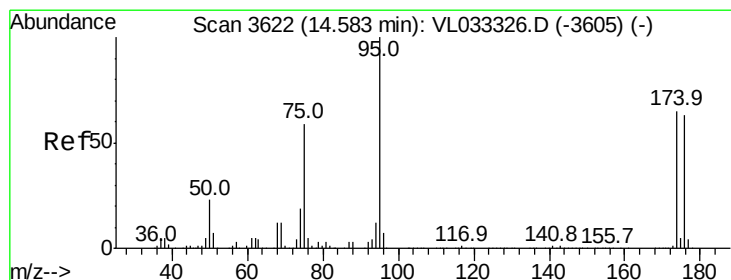
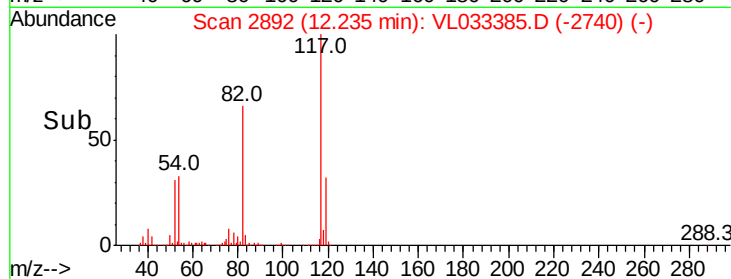
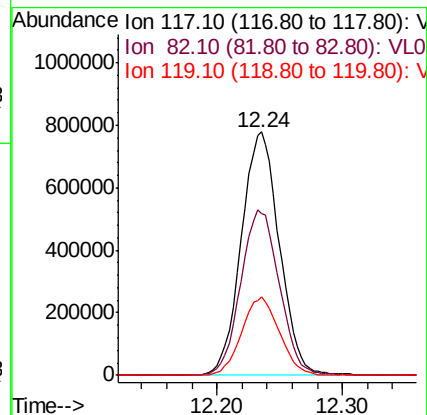
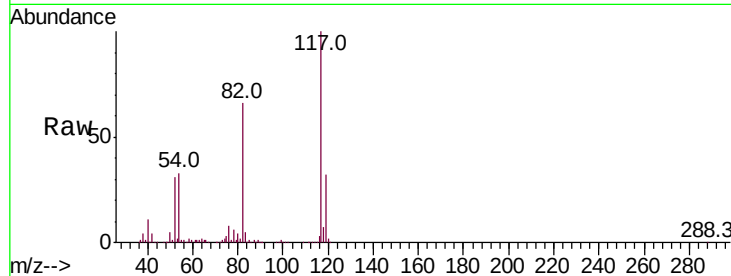




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033385.D
Acq: 19 Mar 2019 10:59

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 1643618
Ion Ratio Lower Upper
117 100
82 69.1 53.4 80.2
119 32.1 27.3 40.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.358 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033385.D
Acq: 19 Mar 2019 10:59

Tgt Ion: 95 Resp: 1261503
Ion Ratio Lower Upper
95 100
174 63.9 51.5 77.3
175 4.5 3.8 5.6

