

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032019\
 Data File : VL033418.D
 Acq On : 21 Mar 2019 11:29
 Operator : SY/AP
 Sample : K1976-03DL2 800X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2

Quant Time: Mar 24 16:38:38 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	5.76	49	655279	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1675655	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1621656	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1226079	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

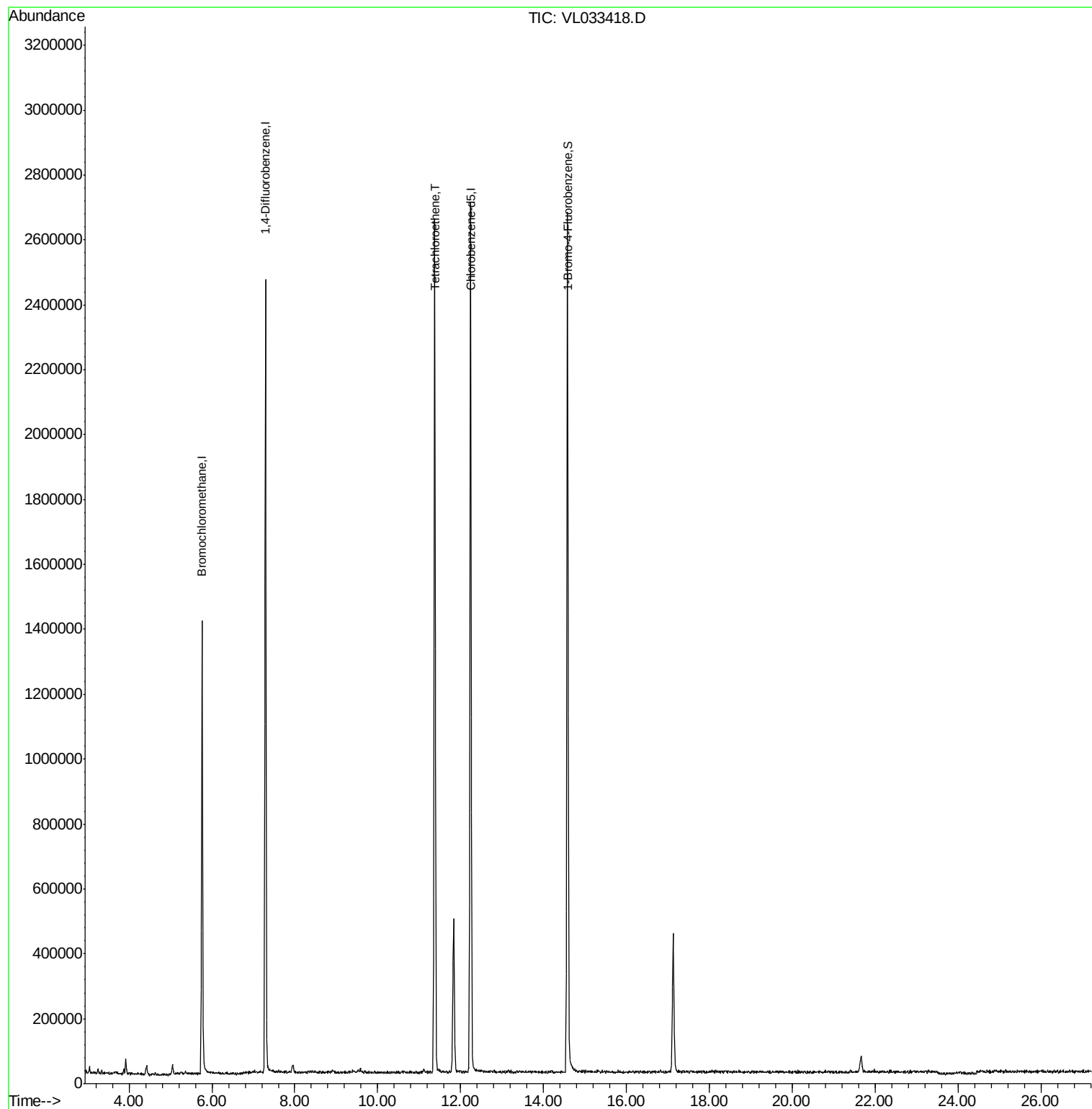
Target Compounds					Ovalue
52) Tetrachloroethene	11.37	164	626878	10.034	ppbv 98

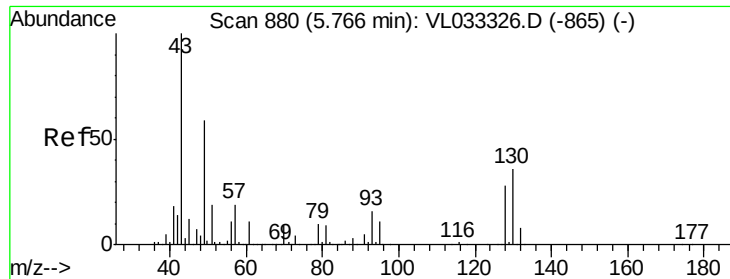
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032019\
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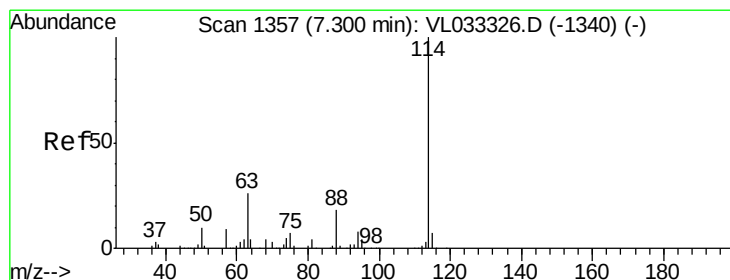
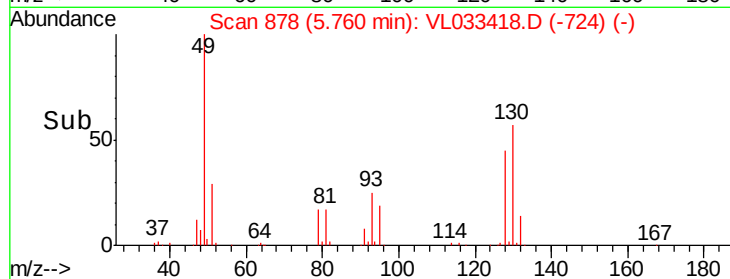
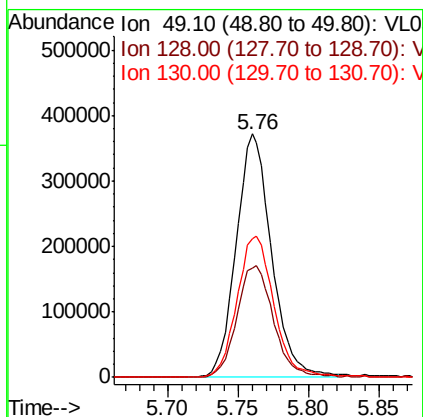
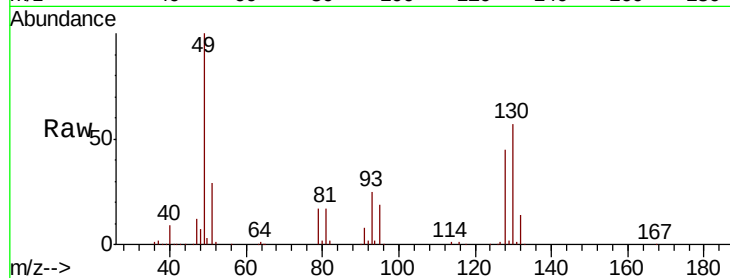




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.76 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: VL033418.D
 Acq: 21 Mar 2019 11:29

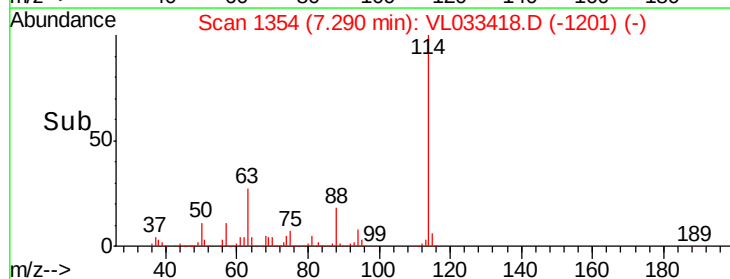
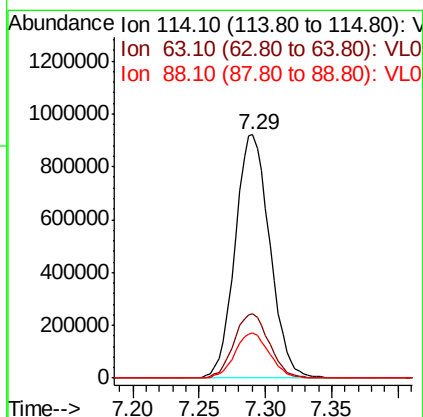
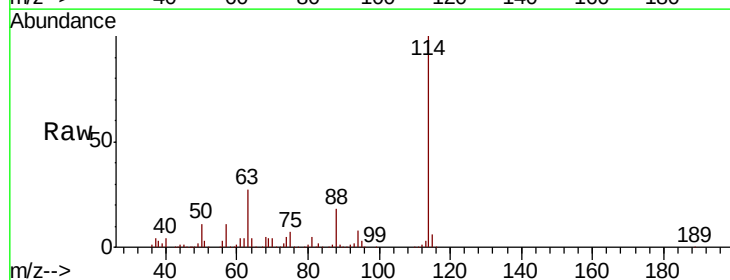
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2

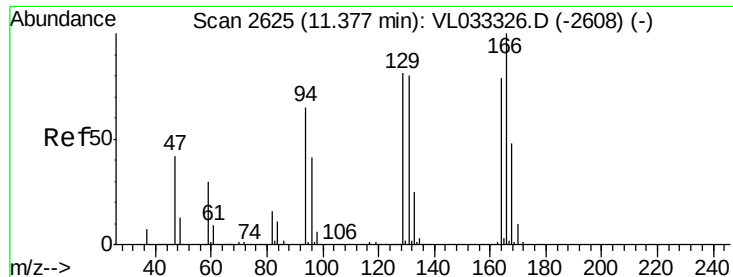
Tot Ion: 49 Resp: 655279
 Ion Ratio Lower Upper
 49 100
 128 48.2 23.5 70.6
 130 61.0 30.1 90.3



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: VL033418.D
 Acq: 21 Mar 2019 11:29

Tgt Ion: 114 Resp: 1675655
 Ion Ratio Lower Upper
 114 100
 63 26.8 21.4 32.2
 88 18.3 14.5 21.7





#52

Tetrachloroethene

Concen: 10.034 ppbv

RT: 11.37 min Scan# 2624

Delta R.T. -0.00 min

Lab File: VL033418.D

Acq: 21 Mar 2019 11:29

Instrument :

MSVOA_L

ClientSampleId :

SV1DL2

Tot Ion:164 Resp: 626878

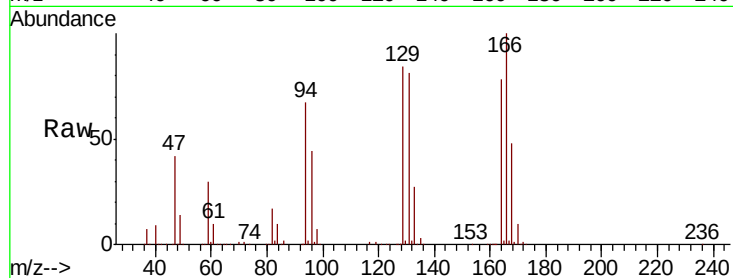
Ion Ratio Lower Upper

164 100

166 127.0 101.5 152.3

129 109.1 82.2 123.2

131 103.1 81.1 121.7

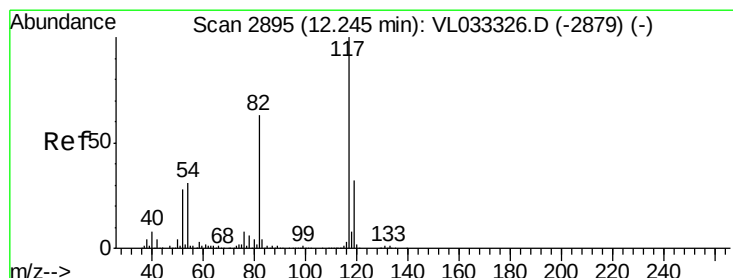
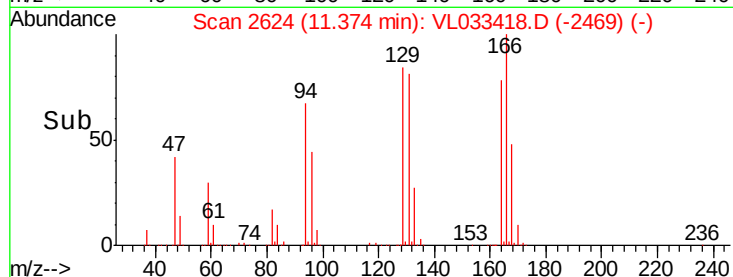
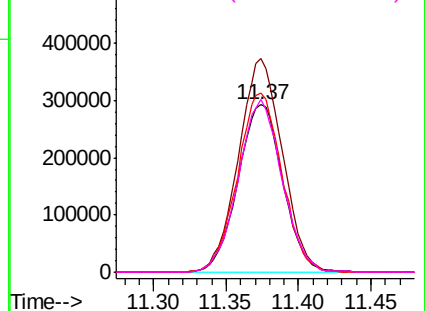


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.24 min Scan# 2893

Delta R.T. -0.01 min

Lab File: VL033418.D

Acq: 21 Mar 2019 11:29

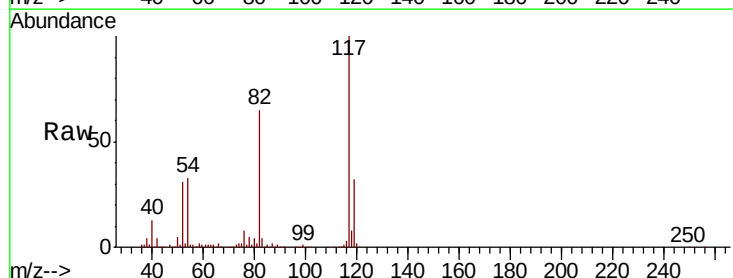
Tgt Ion:117 Resp: 1621656

Ion Ratio Lower Upper

117 100

82 67.8 53.4 80.2

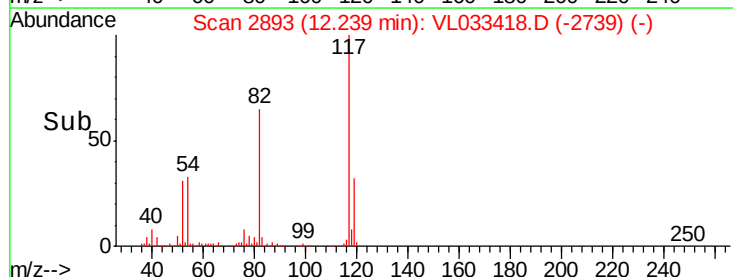
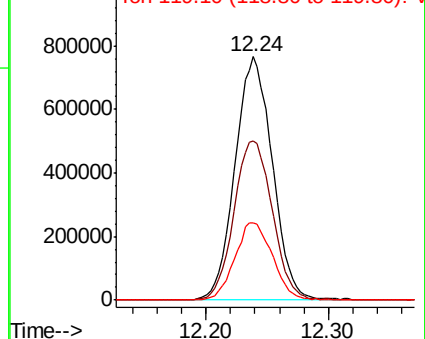
119 32.2 27.3 40.9

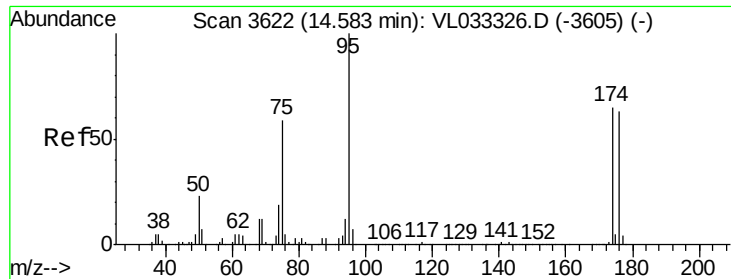


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.203 ppbv

RT: 14.57 min Scan# 3619

Delta R.T. -0.01 min

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Acq: 21 Mar 2019 11:29

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SV1DL2

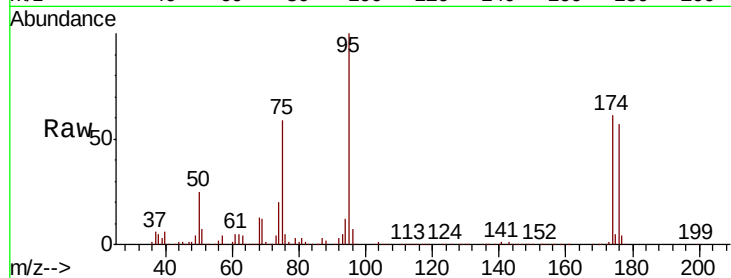
Tot Ion: 95 Resp: 1226079

Ion Ratio Lower Upper

95 100

174 64.6 51.5 77.3

175 4.7 3.8 5.6



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

