

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031219\
 Data File : VL033281.D
 Acq On : 12 Mar 2019 12:31
 Operator : SY/AP
 Sample : VL0312ABL01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0312ABL01

Quant Time: Mar 13 08:05:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031219AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 13 07:17:55 2019
 QLast Update : Wed Mar 13 07:17:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	908470	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2061313	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2076666	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1648310	10.28	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

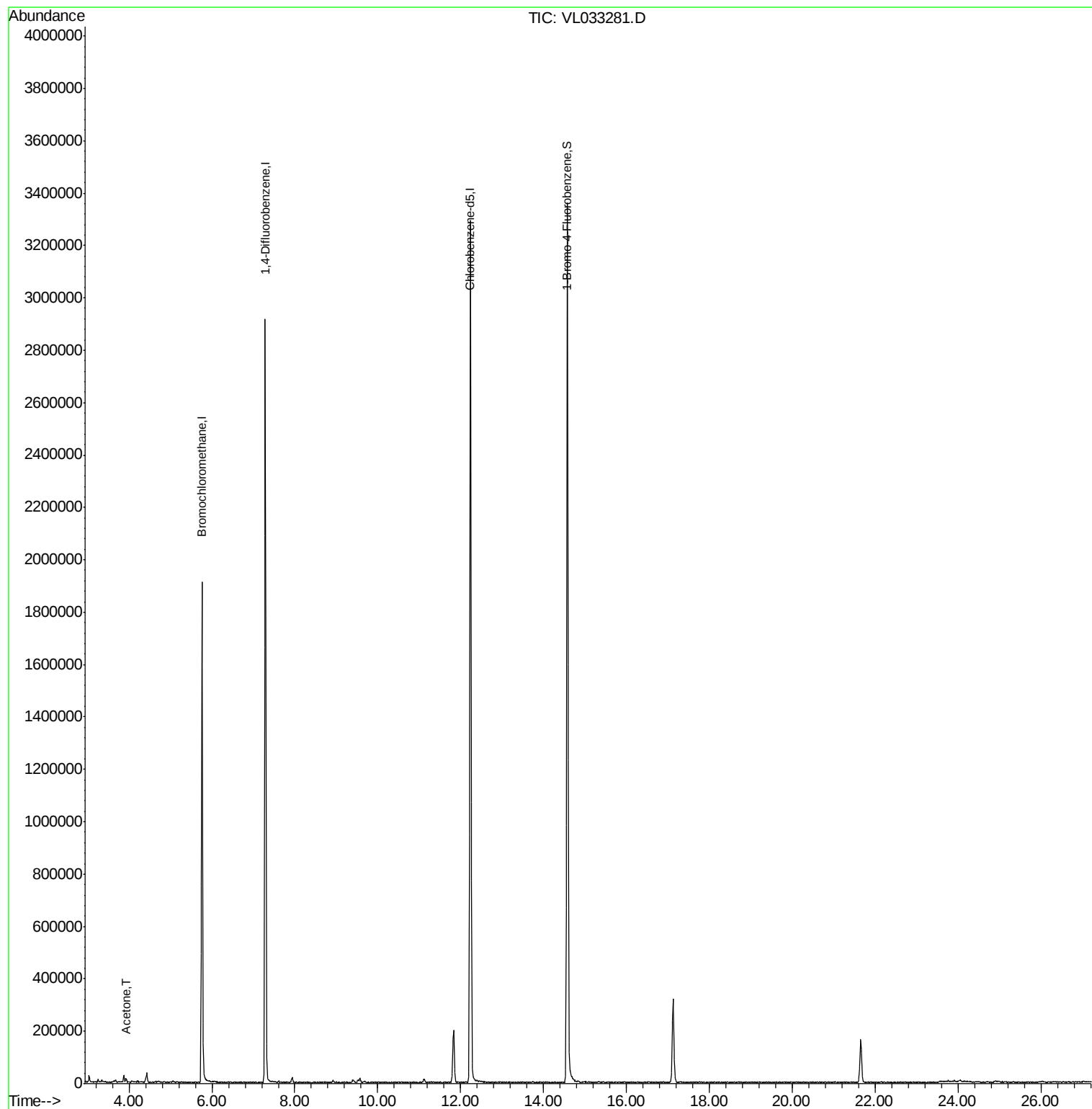
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.92	43	14701	0.105	ppbv	92

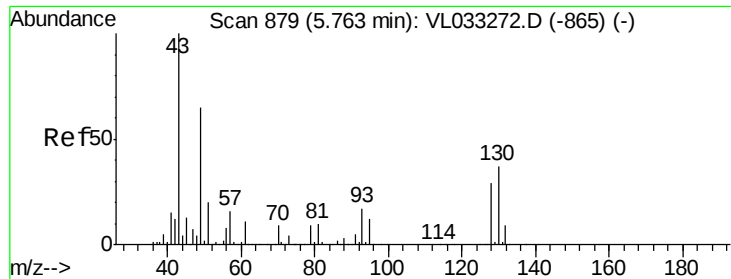
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 878

Delta R.T. -0.00 min

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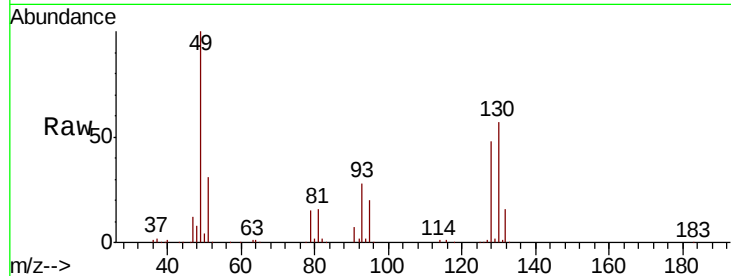
Tgt Ion: 49 Resp: 908470

Ion Ratio Lower Upper

49 100

128 47.4 23.3 69.9

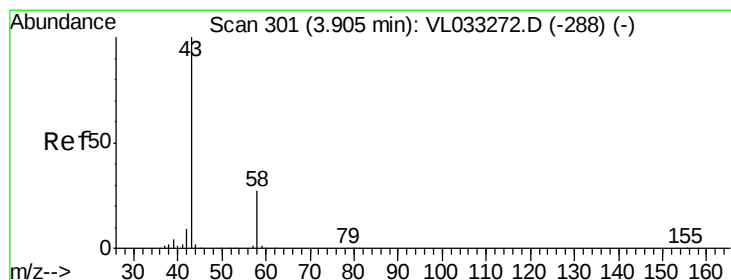
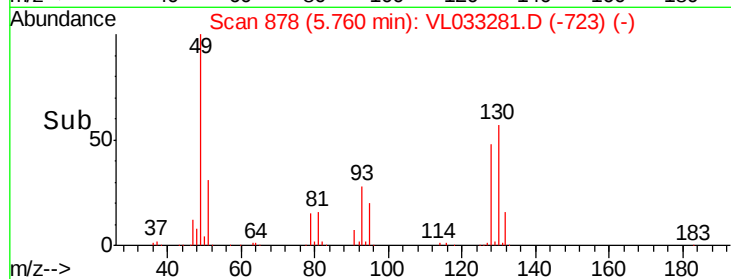
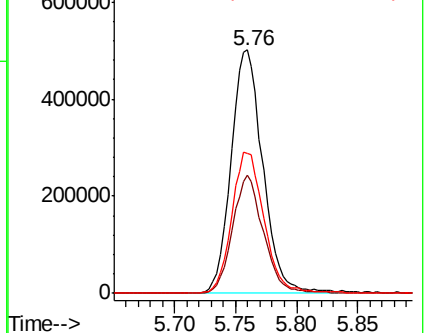
130 59.2 30.0 90.1



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.105 ppbv

RT: 3.92 min Scan# 307

Delta R.T. 0.02 min

Lab File: VL033281.D

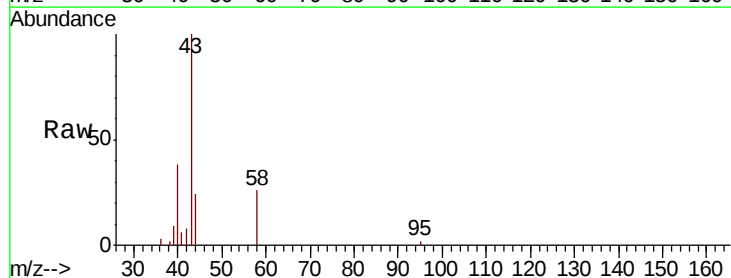
Acq: 12 Mar 2019 12:31

Tgt Ion: 43 Resp: 14701

Ion Ratio Lower Upper

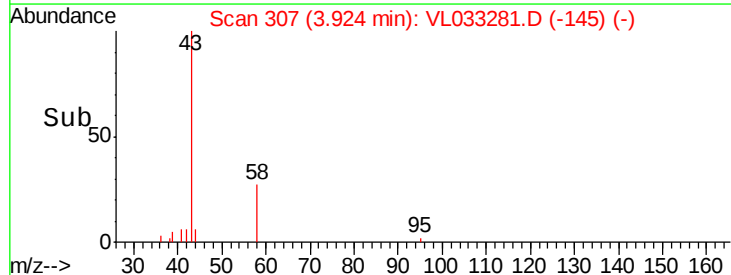
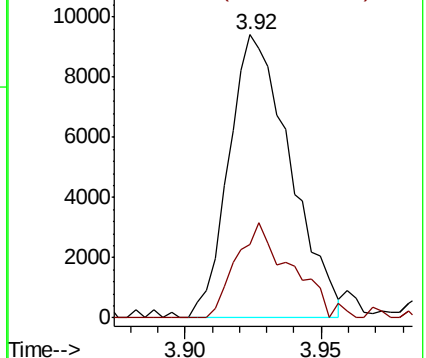
43 100

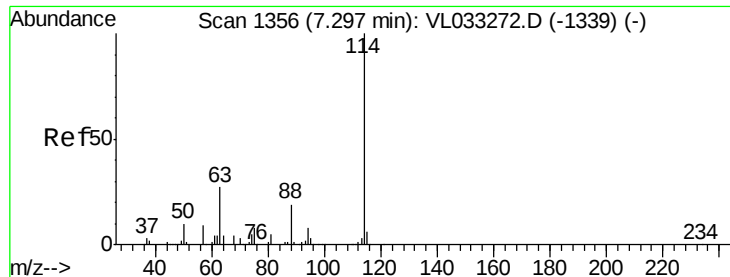
58 30.5 21.1 31.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

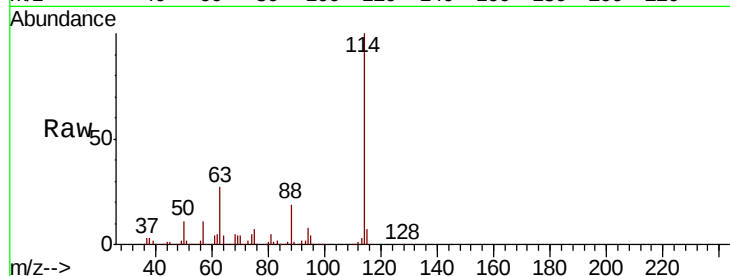




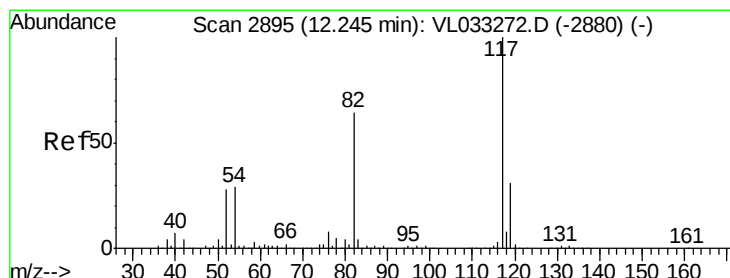
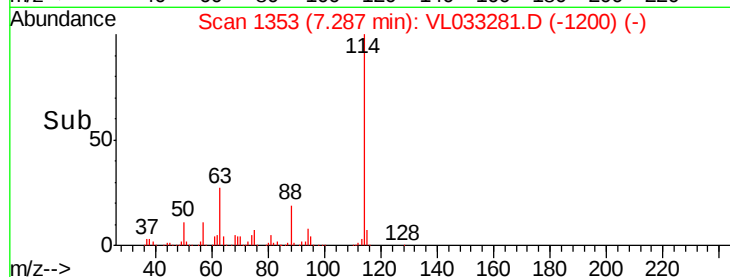
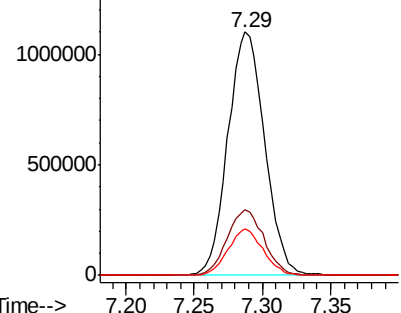
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: VL033281.D
 Acq: 12 Mar 2019 12:31

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Tgt Ion:114 Resp: 2061313
 Ion Ratio Lower Upper
 114 100
 63 27.0 21.5 32.3
 88 18.4 14.6 22.0

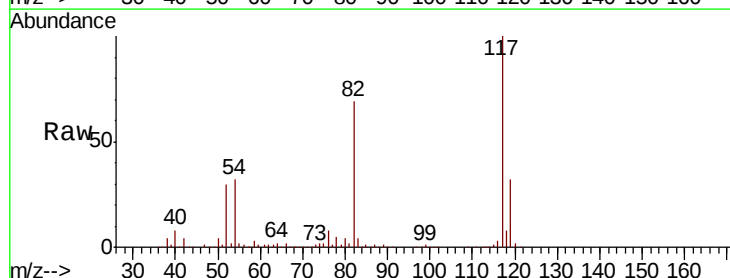


Abundance Ion 114.10 (113.80 to 114.80): V
 1500000 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

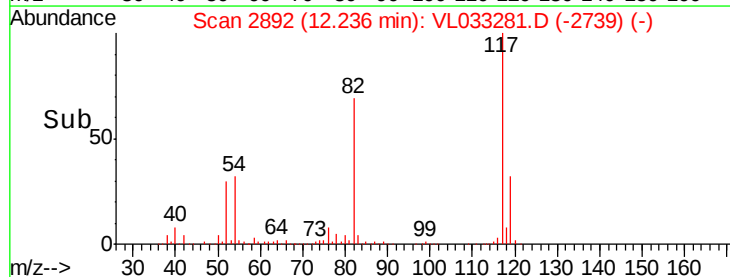
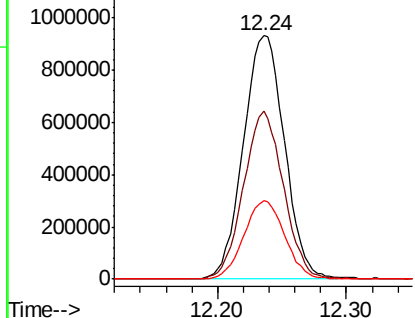


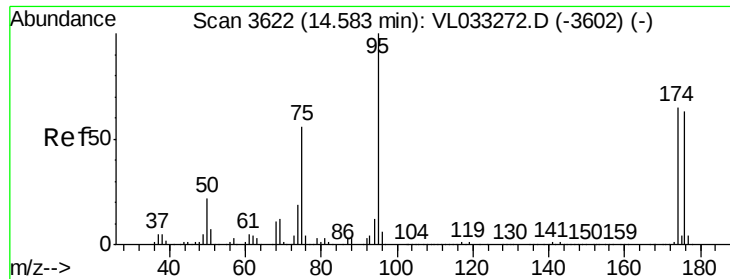
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.24 min Scan# 2892
 Delta R.T. -0.01 min
 Lab File: VL033281.D
 Acq: 12 Mar 2019 12:31

Tgt Ion:117 Resp: 2076666
 Ion Ratio Lower Upper
 117 100
 82 67.2 51.1 76.7
 119 32.1 43.6 65.4#



Abundance Ion 117.10 (116.80 to 117.80): V
 1200000 Ion 82.10 (81.80 to 82.80): VL0
 Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.278 ppbv

RT: 14.57 min Scan# 3619

Delta R.T. -0.01 min

Lab File: VL033281.D

Acq: 12 Mar 2019 12:31

Instrument :

MSVOA_L

ClientSampleId :

VL0312ABL01

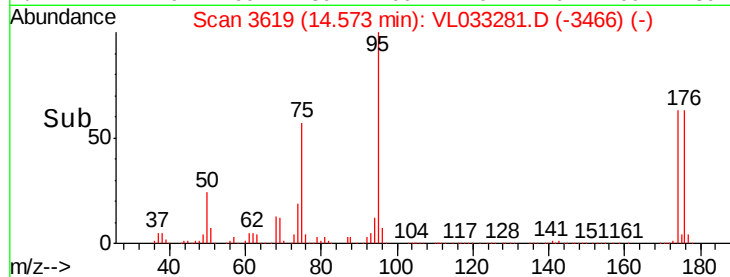
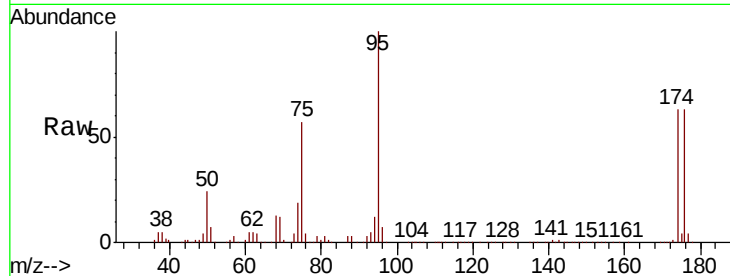
Tgt Ion: 95 Resp: 1648310

Ion Ratio Lower Upper

95 100

174 64.1 51.7 77.5

175 4.9 3.7 5.5



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

