

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041719\
 Data File : VL033600.D
 Acq On : 17 Apr 2019 13:41
 Operator : SY/AP
 Sample : VL0417ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0417ABL01

Quant Time: Apr 18 05:54:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 26 16:00:50 2019
 QLast Update : Tue Mar 26 16:00:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	877376	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2154426	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2110697	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1691667	10.22	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.20%

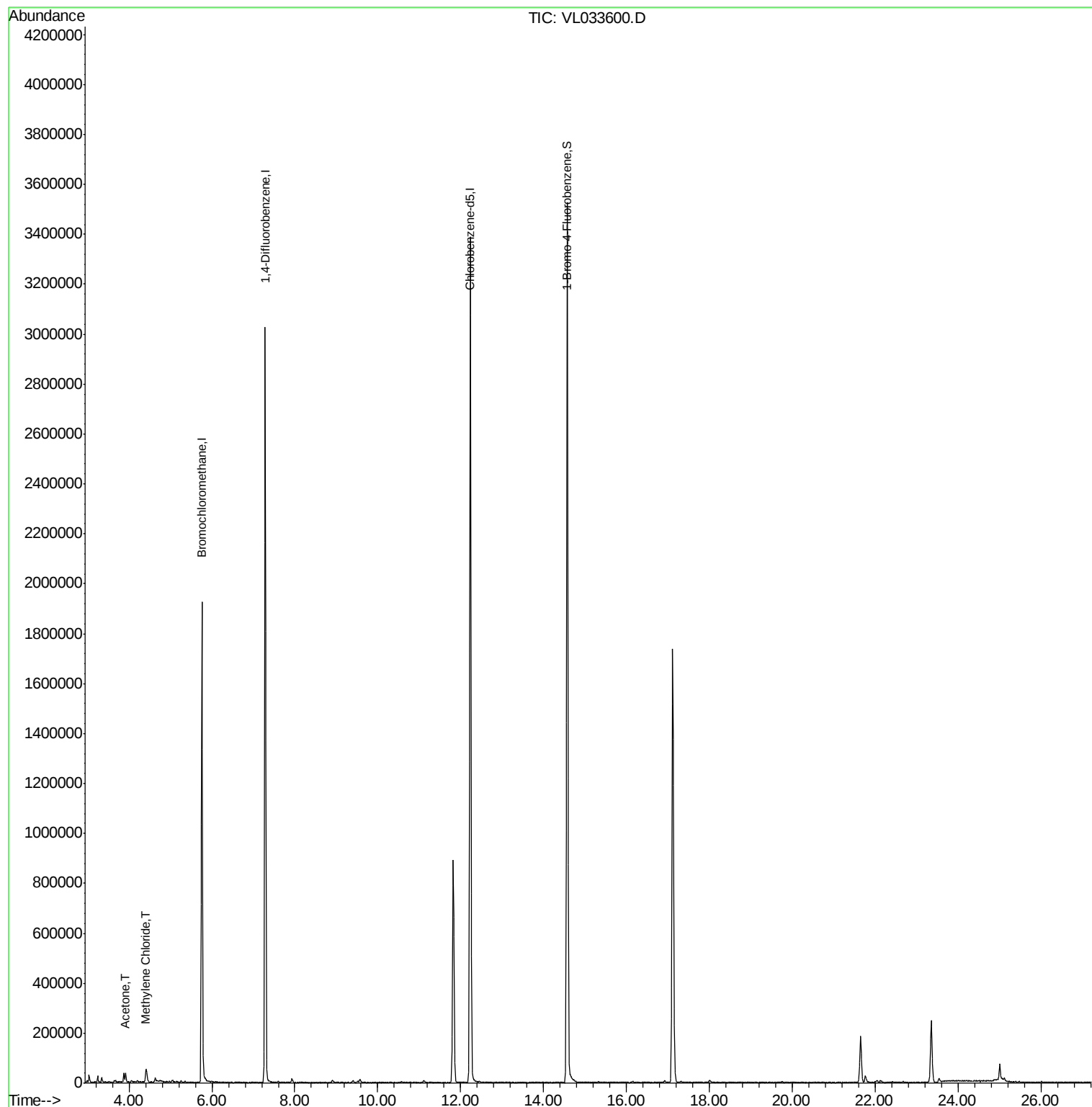
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.91	43	36545	0.346	ppbv #	88
20) Methylene Chloride	4.41	84	14342	0.320	ppbv #	82

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

Lab File: VL033600.D

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Instrument :

MSVOA_L

ClientSampleId :

VL0417ABL01

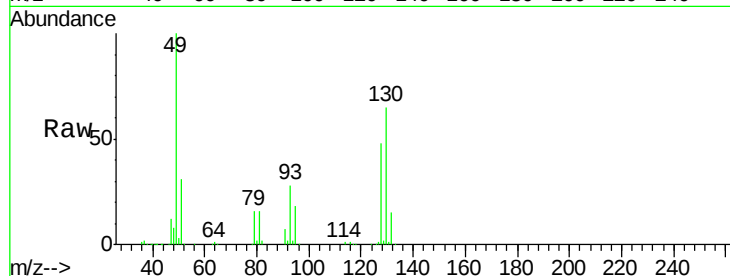
Tot Ion: 49 Resp: 877376

Ion Ratio Lower Upper

49 100

128 50.1 24.0 72.0

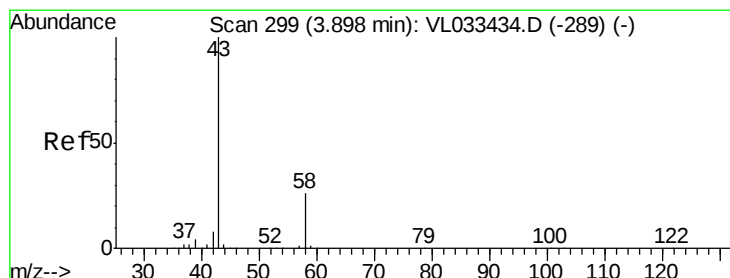
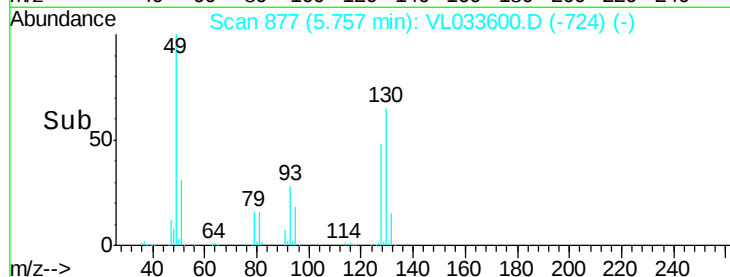
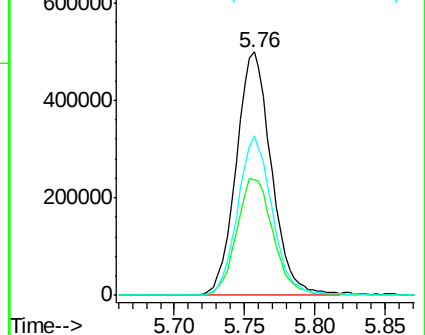
130 64.8 31.2 93.6



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: 0.346 ppbv

RT: 3.91 min Scan# 304

Delta R.T. 0.02 min

Lab File: VL033600.D

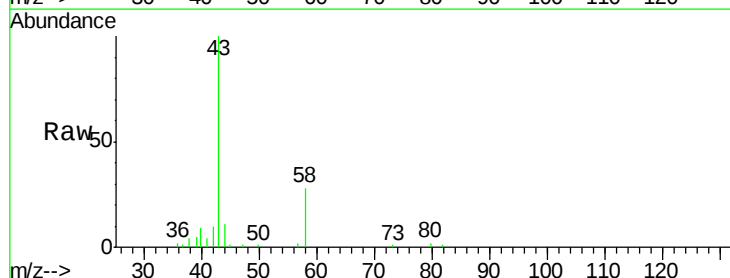
Acq: 17 Apr 2019 13:41

Tgt Ion: 43 Resp: 36545

Ion Ratio Lower Upper

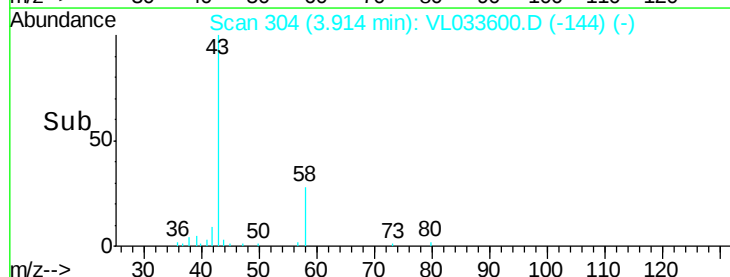
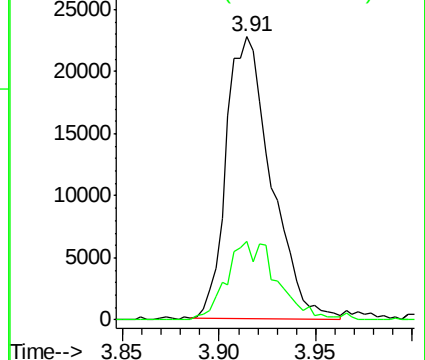
43 100

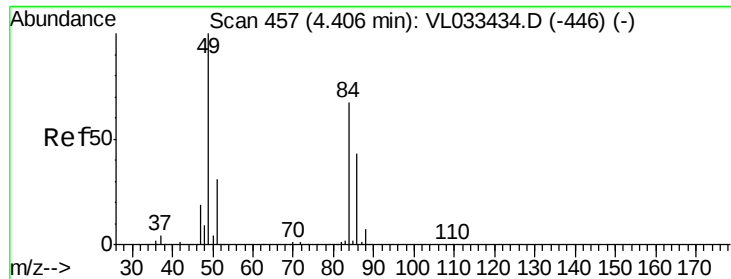
58 31.7 20.5 30.7#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

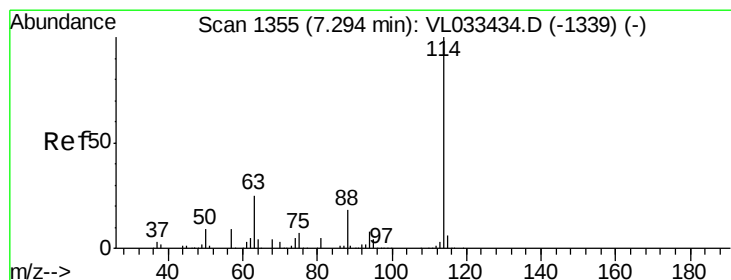
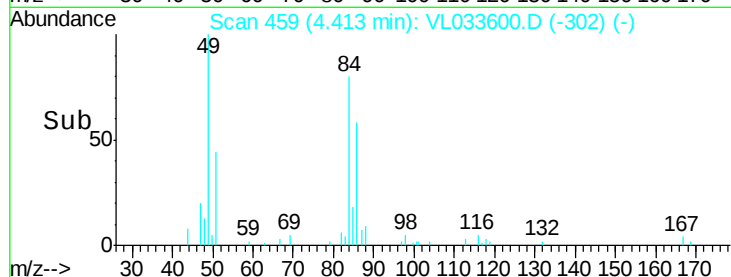
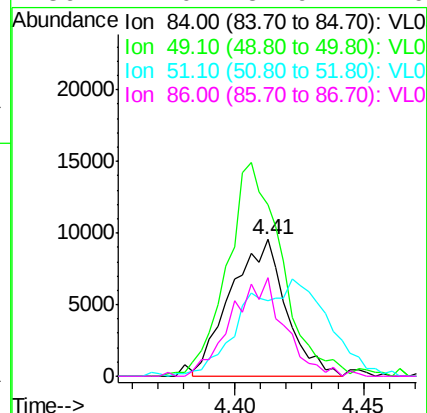
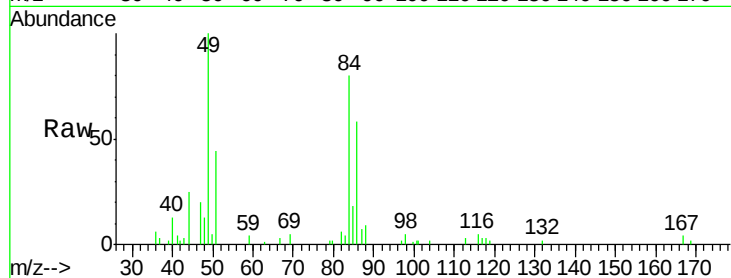




#20
Methylene Chloride
Concen: 0.320 ppbv
RT: 4.41 min Scan# 459
Delta R.T. 0.01 min
Lab File: VL033600.D
Acq: 17 Apr 2019 13:41

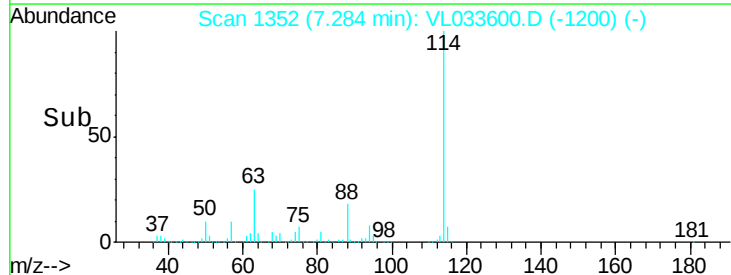
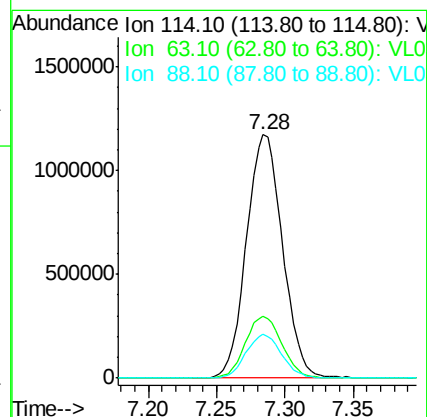
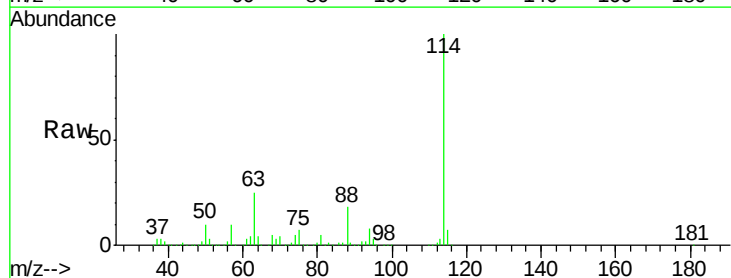
Instrument :
MSVOA_L
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VL0417ABL01

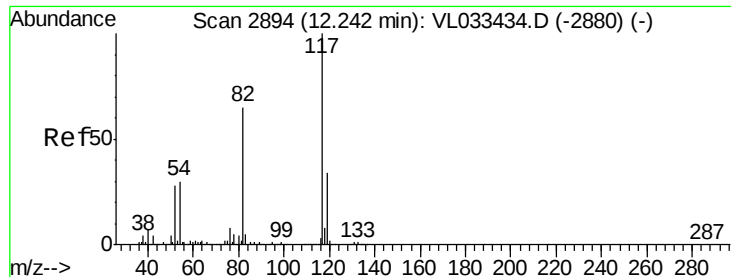
Tot Ion: 84 Resp: 14342
Ion Ratio Lower Upper
84 100
49 118.6 120.0 180.0#
51 50.8 36.7 55.1
86 72.0 51.9 77.9



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL033600.D
Acq: 17 Apr 2019 13:41

Tgt Ion: 114 Resp: 2154426
Ion Ratio Lower Upper
114 100
63 25.8 21.5 32.3
88 17.8 14.5 21.7

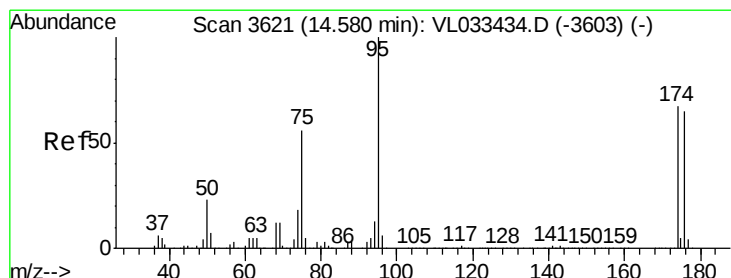
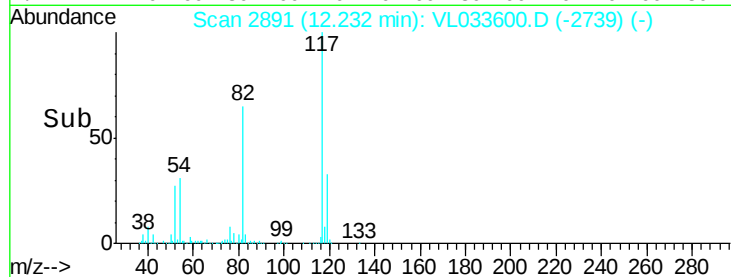
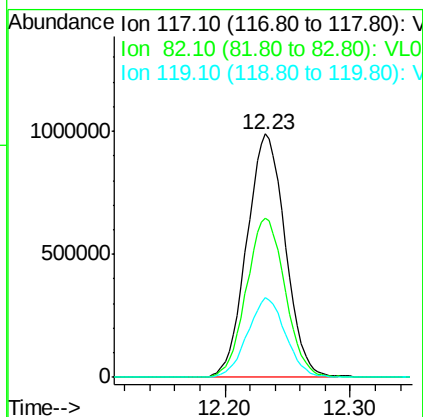
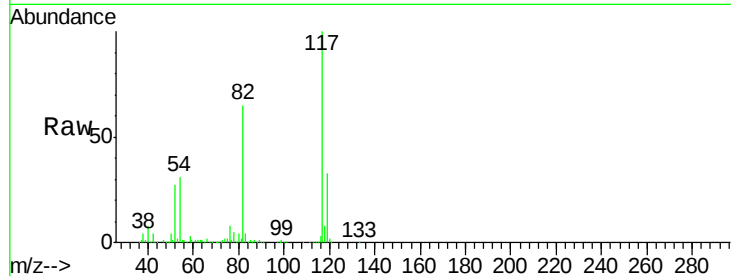




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL033600.D
Acq: 17 Apr 2019 13:41

Instrument :
MSVOA_L
ClientSampleId :
VL0417ABL01

Tot Ion:117 Resp: 2110697
Ion Ratio Lower Upper
117 100
82 66.2 51.5 77.3
119 32.4 25.5 38.3



#68
1-Bromo-4-Fluorobenzene
Concen: 10.223 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL033600.D
Acq: 17 Apr 2019 13:41

Tgt Ion: 95 Resp: 1691667
Ion Ratio Lower Upper
95 100
174 67.7 52.9 79.3
175 4.8 3.8 5.6

