

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062419\
 Data File : VL033931.D
 Acq On : 24 Jun 2019 11:02
 Operator : SY/AP
 Sample : VL0624ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0624ABL01

Quant Time: Jun 25 03:46:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 07 08:53:27 2019
 QLast Update : Fri Jun 07 08:53:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.74	49	1029793	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.26	114	2292194	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.21	117	2459066	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.54	95	1824026	9.03	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.30%

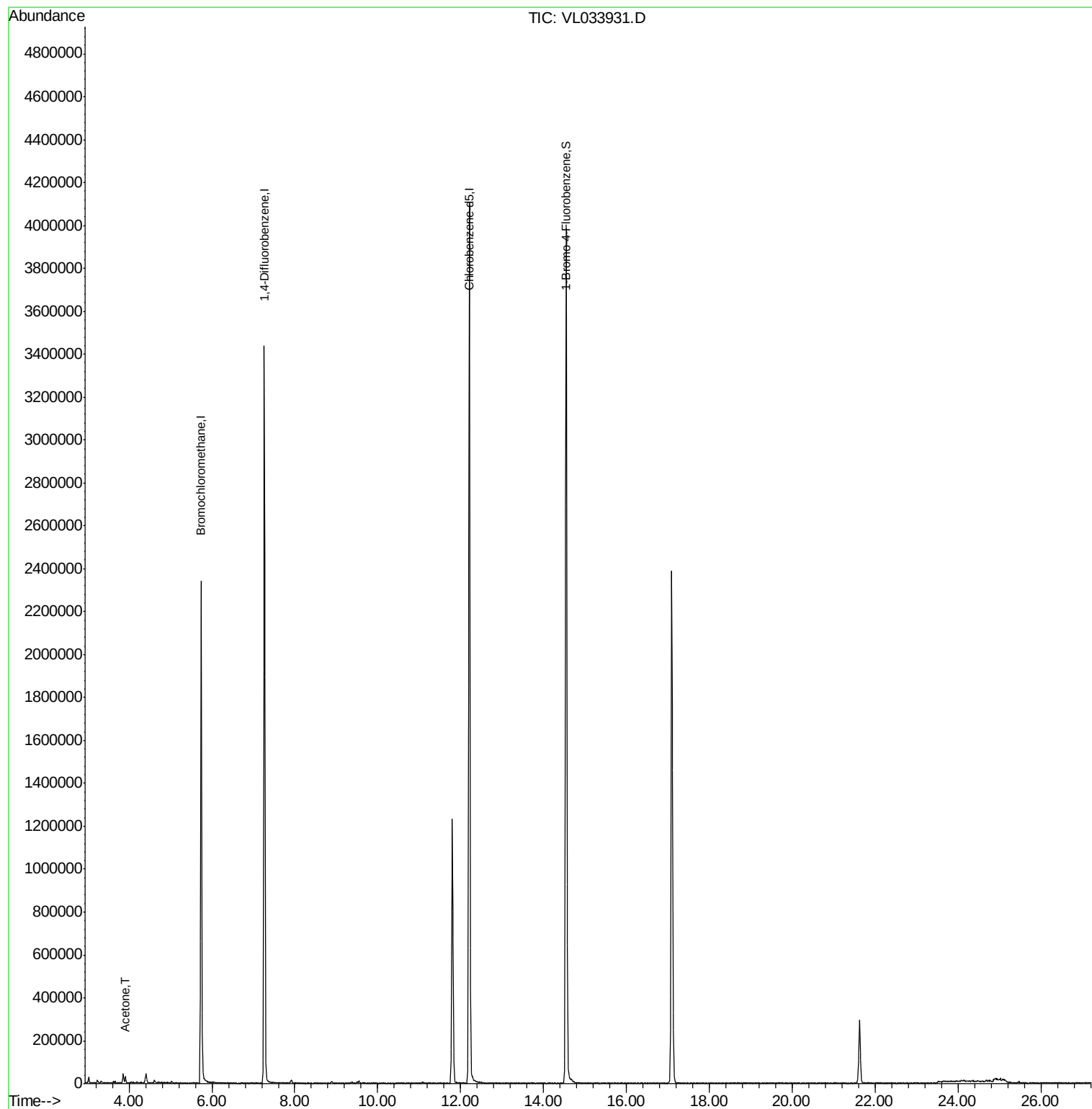
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.91	43	29266	0.195	ppbv	94

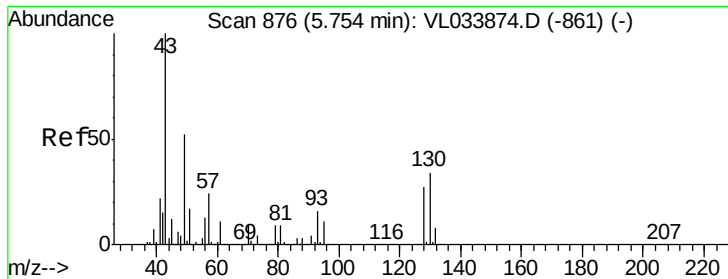
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.74 min Scan# 871

Delta R.T. -0.02 min

Lab File: VL033931.D

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MSVOA_L

ClientSampleId :

VL0624ABL01

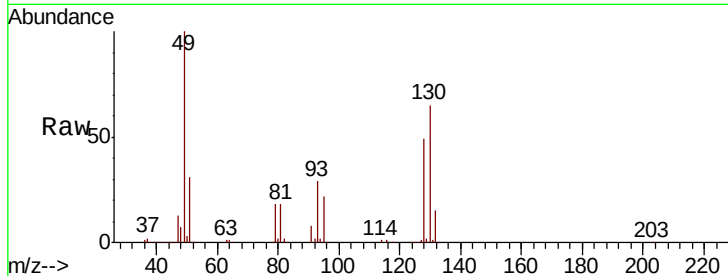
Tot Ion: 49 Resp: 1029793

Ion Ratio Lower Upper

49 100

128 50.8 25.5 76.5

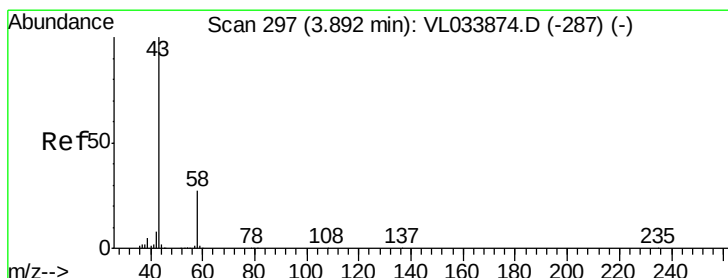
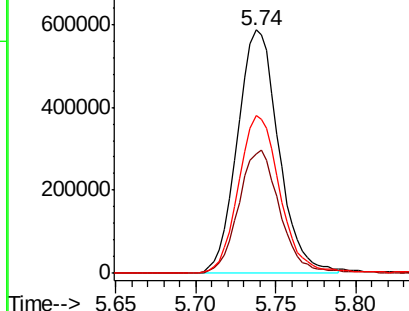
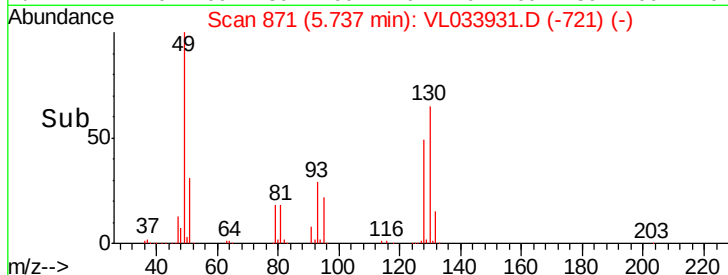
130 66.4 32.5 97.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.195 ppbv

RT: 3.91 min Scan# 302

Delta R.T. 0.02 min

Lab File: VL033931.D

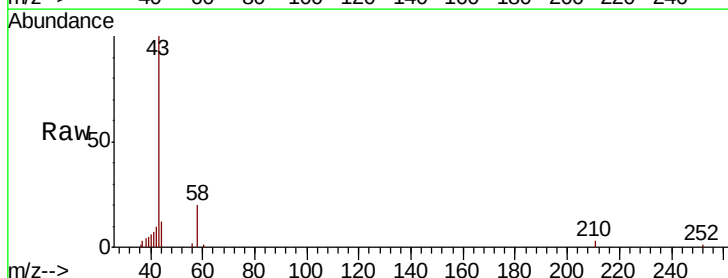
Acq: 24 Jun 2019 11:02

Tgt Ion: 43 Resp: 29266

Ion Ratio Lower Upper

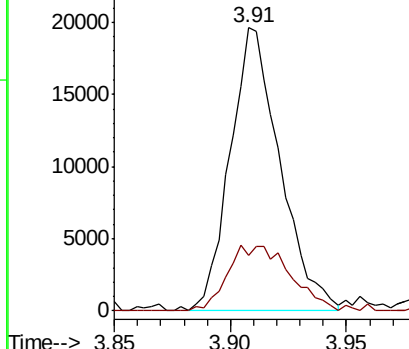
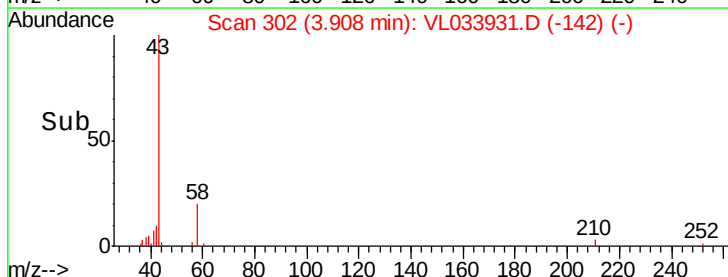
43 100

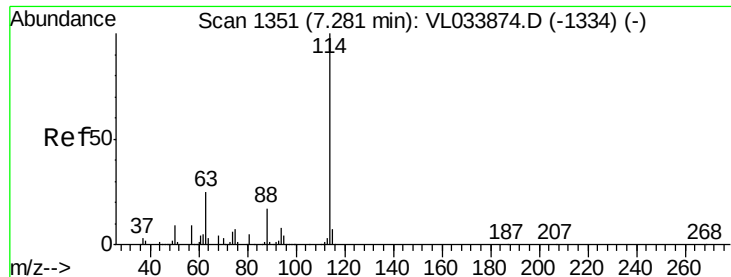
58 29.6 21.3 31.9



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

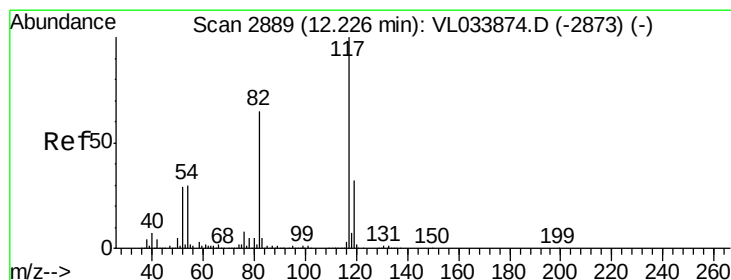
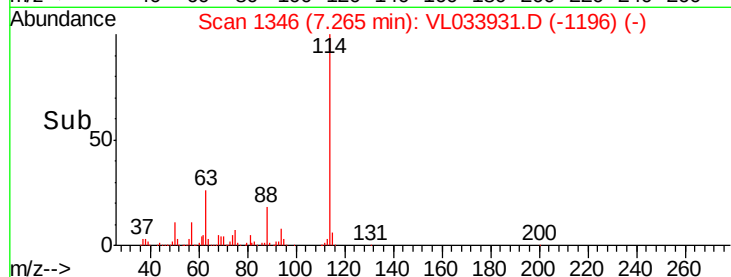
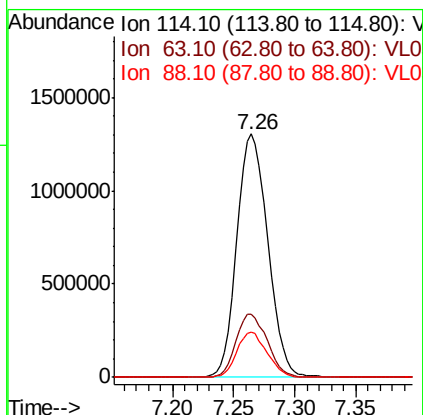
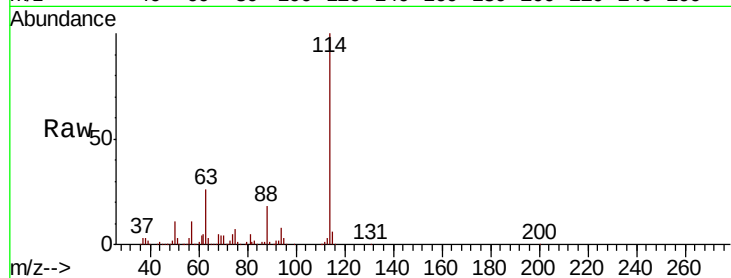




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.26 min Scan# 1346
 Delta R.T. -0.02 min
 Lab File: VL033931.D
 Acq: 24 Jun 2019 11:02

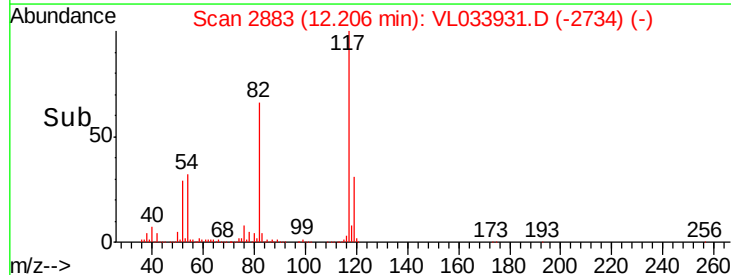
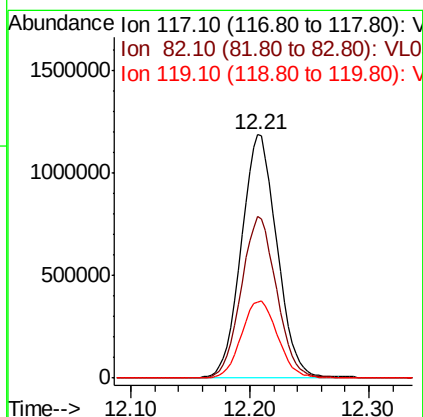
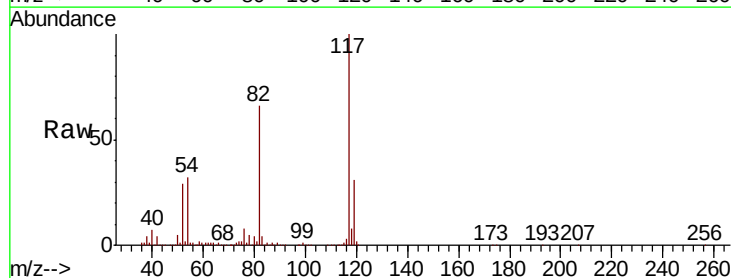
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0624ABL01

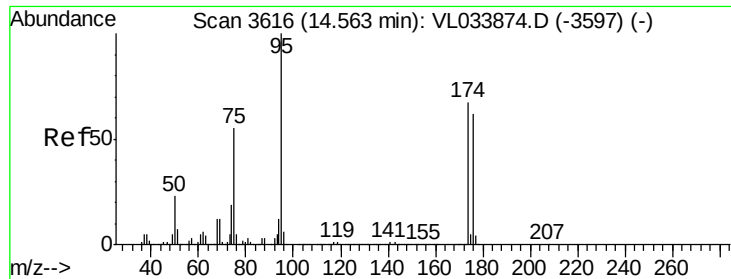
Tot Ion:114 Resp: 2292194
 Ion Ratio Lower Upper
 114 100
 63 26.3 21.1 31.7
 88 18.1 14.2 21.4



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.21 min Scan# 2883
 Delta R.T. -0.02 min
 Lab File: VL033931.D
 Acq: 24 Jun 2019 11:02

Tgt Ion:117 Resp: 2459066
 Ion Ratio Lower Upper
 117 100
 82 66.5 50.2 75.2
 119 32.5 24.8 37.2





#68

1-Bromo-4-Fluorobenzene

Concen: 9.031 ppbv

RT: 14.54 min Scan# 3610

Delta R.T. -0.02 min

Lab File: VL033931.D

Acq: 24 Jun 2019 11:02

Instrument :

MSVOA_L

ClientSampleId :

VL0624ABL01

Tot Ion: 95 Resp: 1824026

Ion Ratio Lower Upper

95 100

174 66.5 54.0 81.0

175 4.8 3.8 5.8

