

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052019\
 Data File : VL033736.D
 Acq On : 20 May 2019 23:35
 Operator : SY/AP
 Sample : CAN 10046
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10046

Quant Time: May 21 10:04:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 17 08:15:41 2019
 QLast Update : Fri May 17 08:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	867789	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1970425	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2041040	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1663815	10.06	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

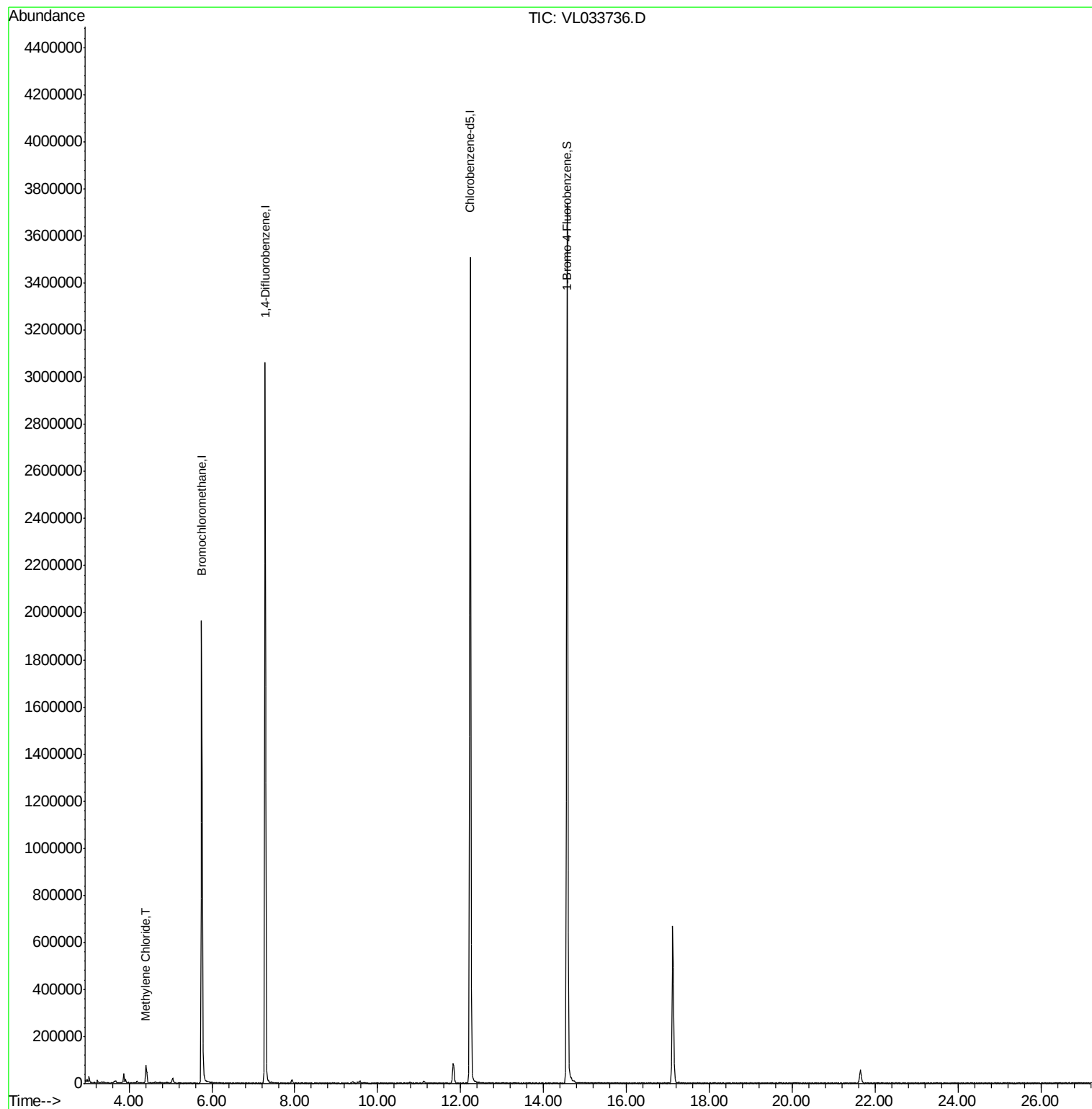
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.41	84	25811	0.557	ppbv	90

(#) = 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. -0.00 min

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ClientSampleId :

CAN 10046

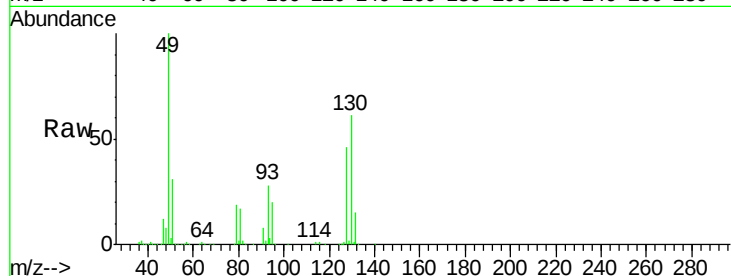
Tot Ion: 49 Resp: 867789

Ion Ratio Lower Upper

49 100

128 48.7 25.2 75.6

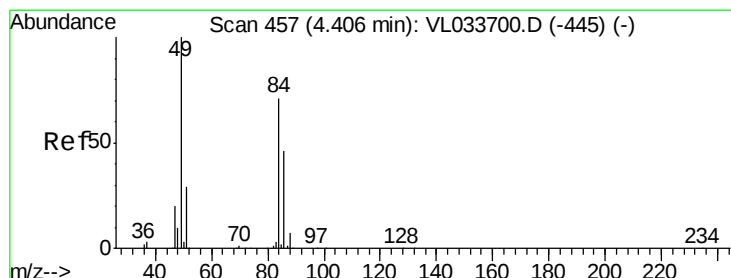
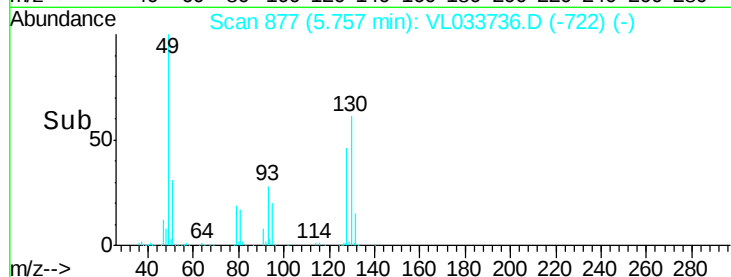
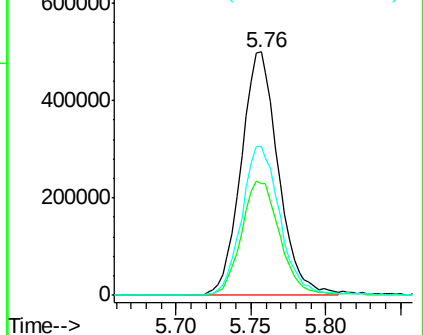
130 63.6 32.5 97.5



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



#20

Methylene Chloride

Concen: 0.557 ppbv

RT: 4.41 min Scan# 457

Delta R.T. 0.00 min

Lab File: VL033736.D

Acq: 20 May 2019 23:35

Tgt Ion: 84 Resp: 25811

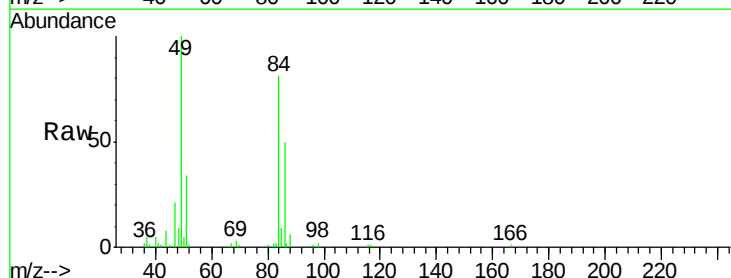
Ion Ratio Lower Upper

84 100

49 122.4 112.8 169.2

51 41.9 33.4 50.0

86 62.0 51.7 77.5

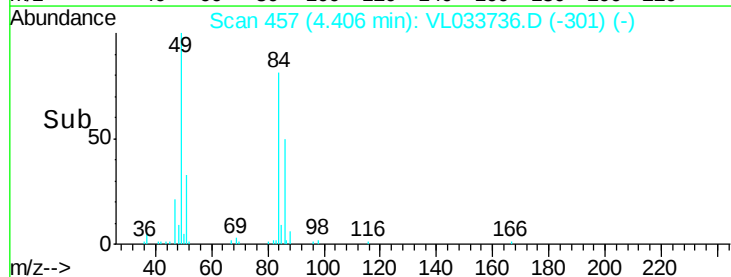
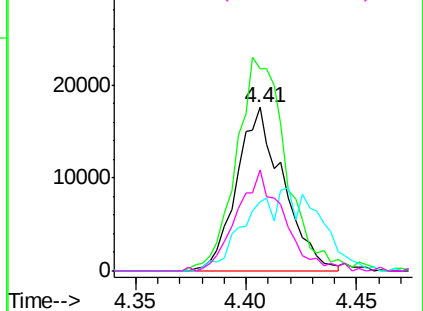


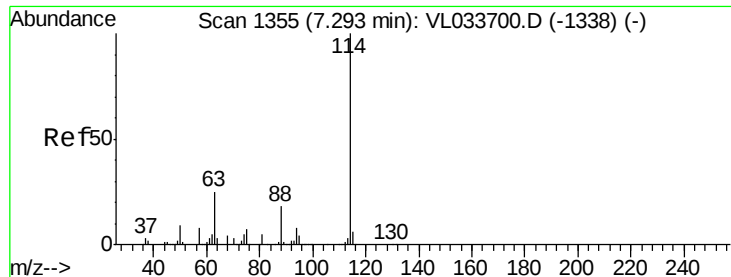
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

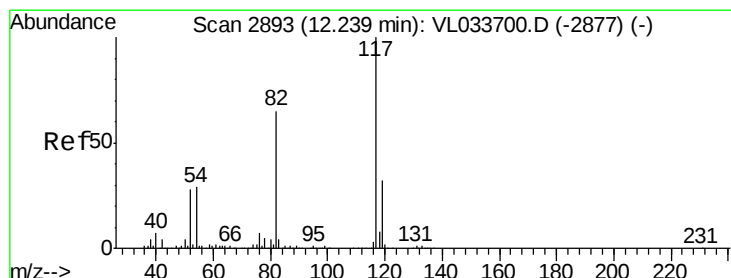
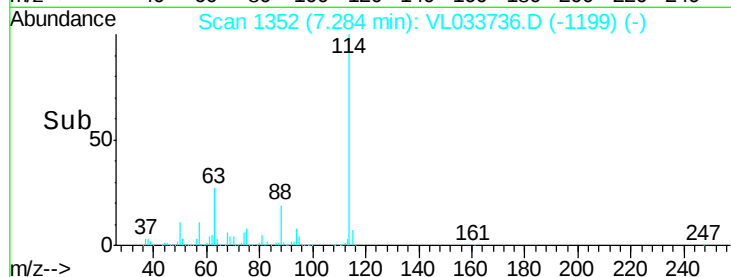
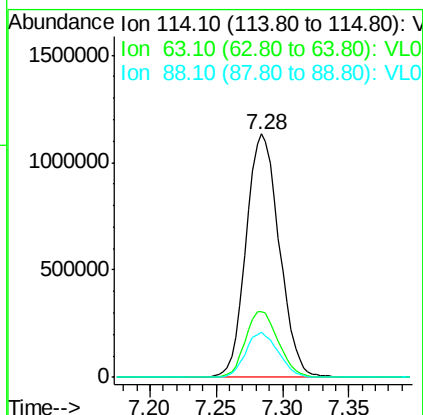
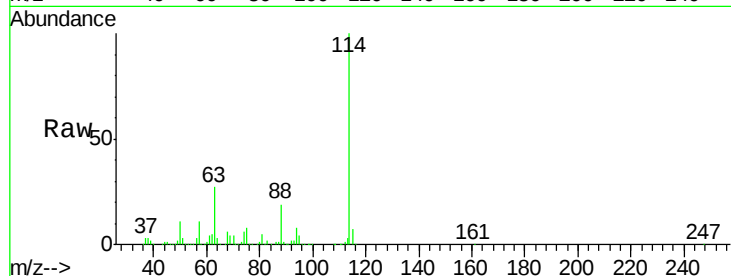




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.28 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: VL033736.D
 Acq: 20 May 2019 23:35

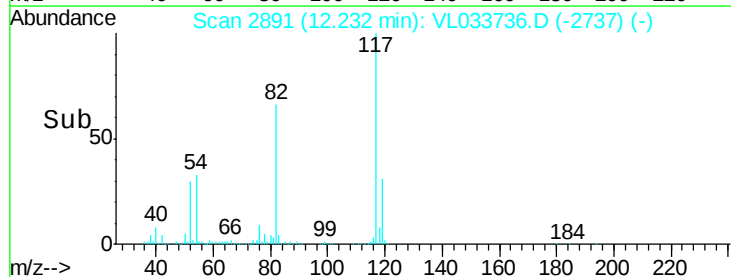
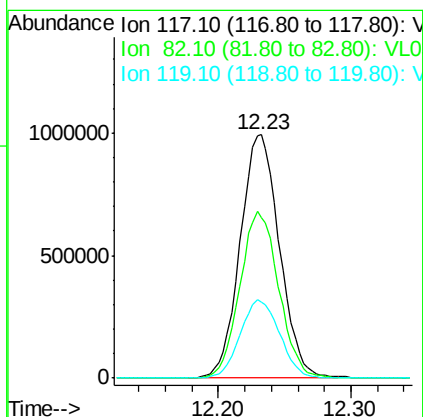
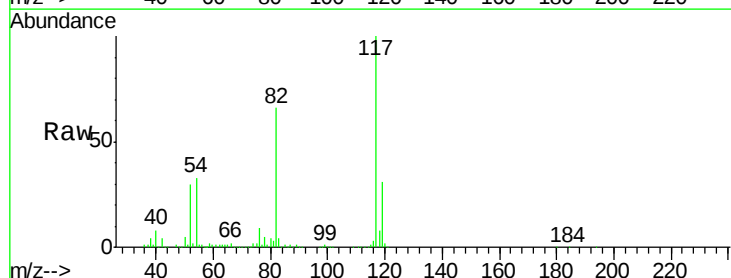
Instrument :
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 ClientSampleId :
 CAN 10046

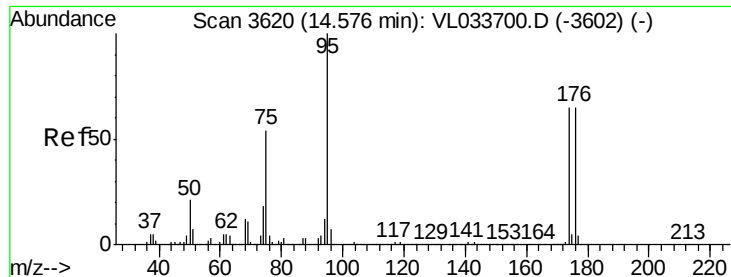
Tot Ion:114 Resp: 1970425
 Ion Ratio Lower Upper
 114 100
 63 27.0 20.9 31.3
 88 18.2 14.3 21.5



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.23 min Scan# 2891
 Delta R.T. -0.01 min
 Lab File: VL033736.D
 Acq: 20 May 2019 23:35

Tgt Ion:117 Resp: 2041040
 Ion Ratio Lower Upper
 117 100
 82 68.2 49.4 74.0
 119 32.4 24.9 37.3





#68

1-Bromo-4-Fluorobenzene

Concen: 10.056 ppbv

RT: 14.57 min Scan# 3618

Delta R.T. -0.01 min

Lab File: VL033736.D

Acq: 20 May 2019 23:35

Instrument :

MSVOA_L

ClientSampleId :

CAN 10046

Tot Ion: 95 Resp: 1663815

Ion Ratio Lower Upper

95 100

174 65.6 53.9 80.9

175 4.7 3.8 5.8

