

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120919\
 Data File : VL034489.D
 Acq On : 10 Dec 2019 9:44
 Operator : SY/AP
 Sample : OC120919 CAN 10488
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC120919 CAN 10488

Quant Time: Dec 10 17:34:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	867083	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.20	114	1701057	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1675081	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1431583	10.16	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

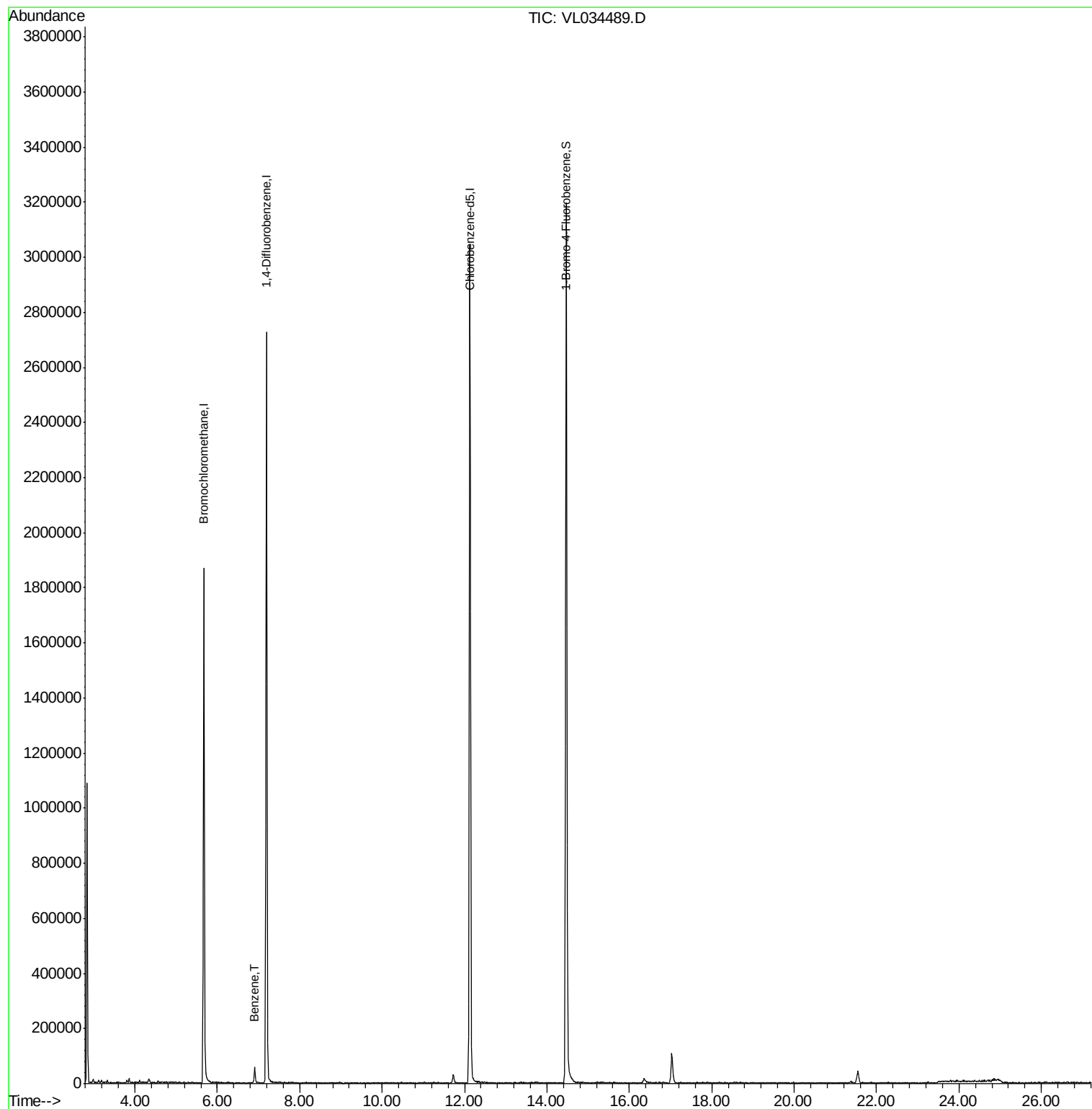
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
36) Benzene	6.91	78	35993	0.212	ppbv	# 91

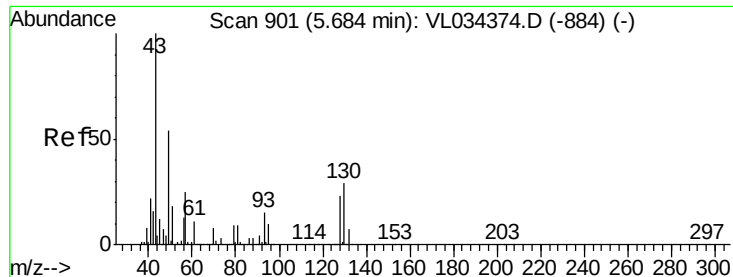
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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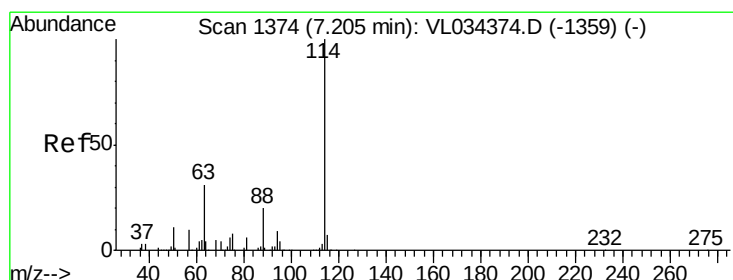
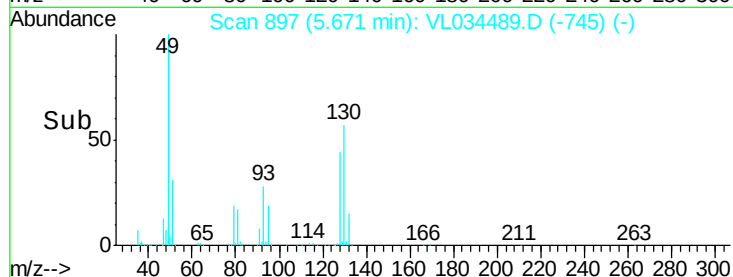
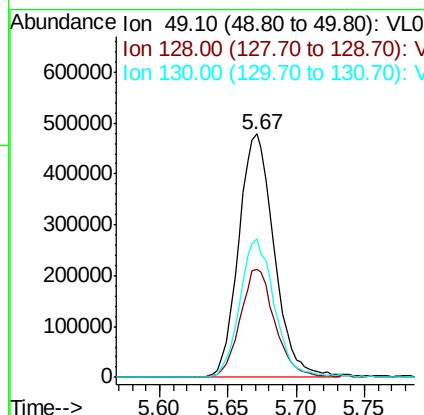
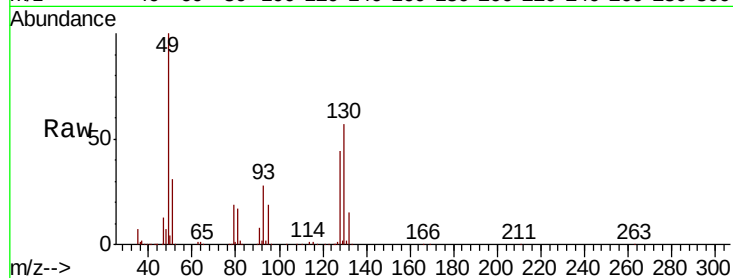




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: VL034489.D
 Acq: 10 Dec 2019 9:44

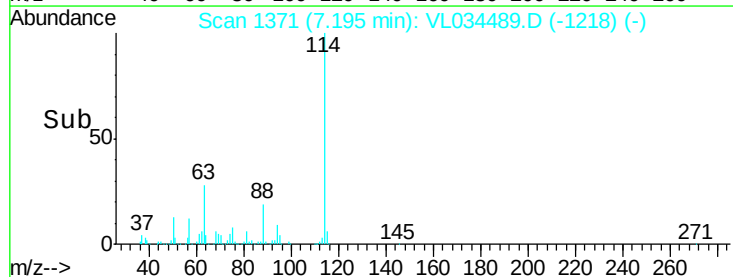
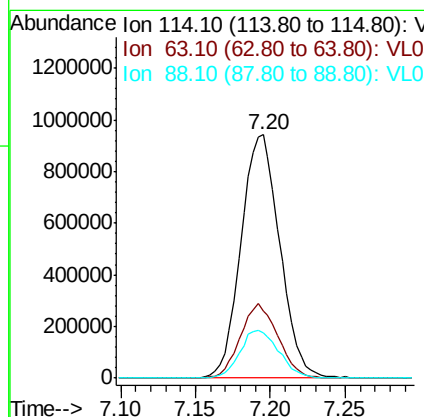
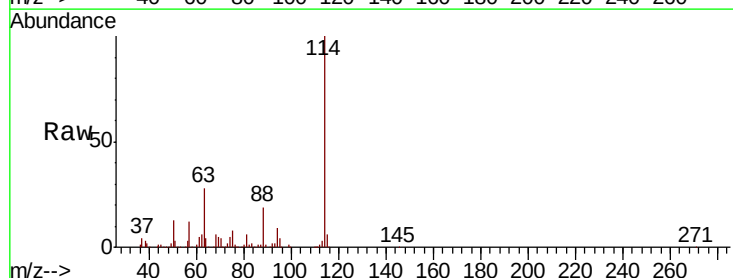
Instrument :
 MSVOA_L
 ClientSampleId :
 QC120919 CAN 10488

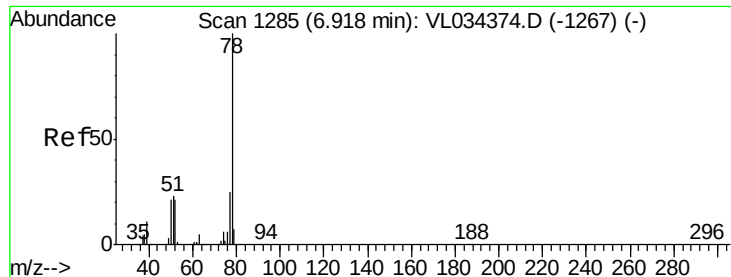
Tot Ion: 49 Resp: 867083
 Ion Ratio Lower Upper
 49 100
 128 43.9 21.8 65.3
 130 56.1 28.0 84.0



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: VL034489.D
 Acq: 10 Dec 2019 9:44

Tgt Ion: 114 Resp: 1701057
 Ion Ratio Lower Upper
 114 100
 63 29.8 24.2 36.4
 88 19.8 15.9 23.9

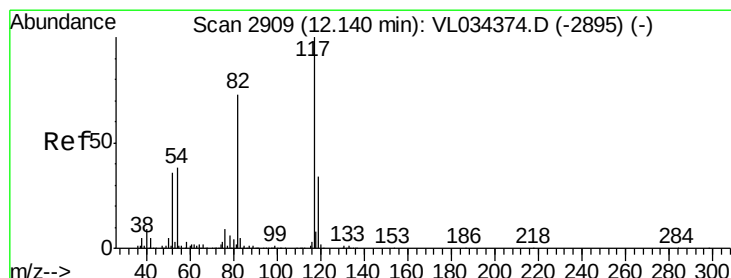
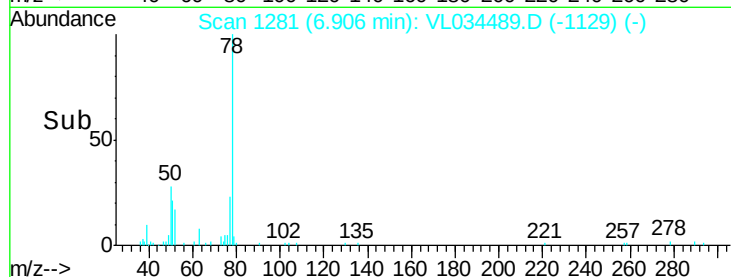
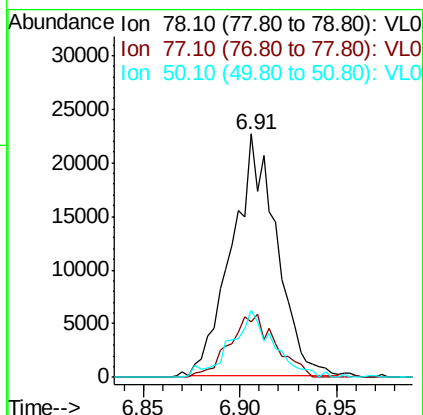
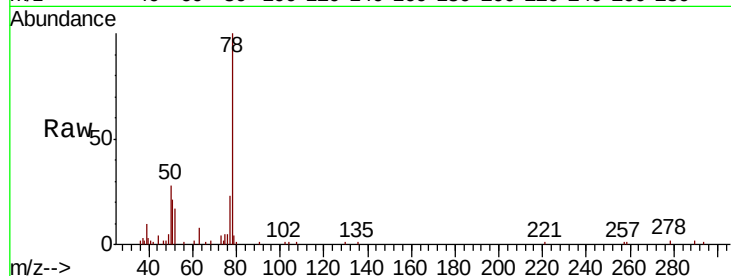




#36
Benzene
Concen: 0.212 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VL034489.D
Acq: 10 Dec 2019 9:44

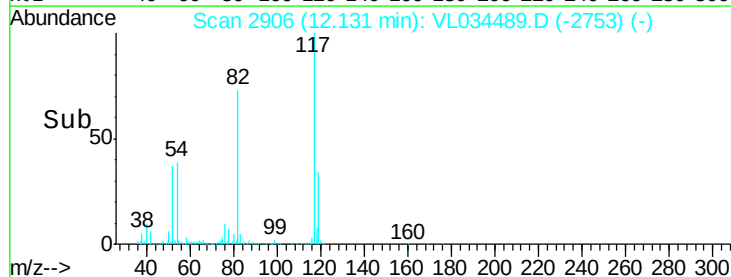
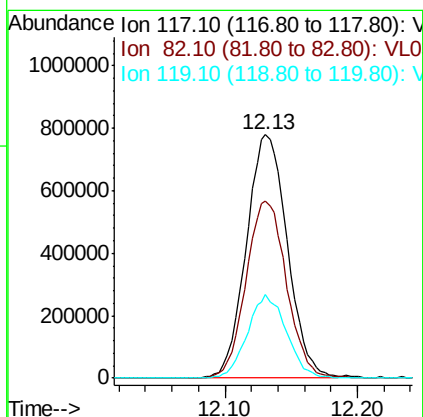
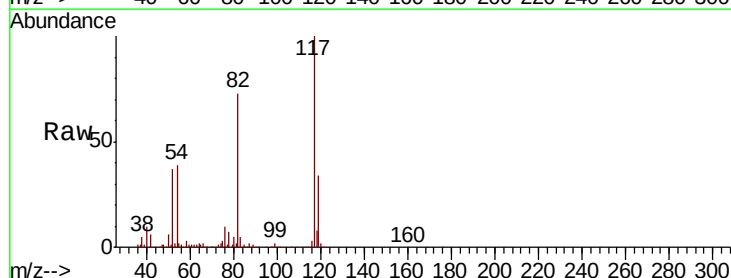
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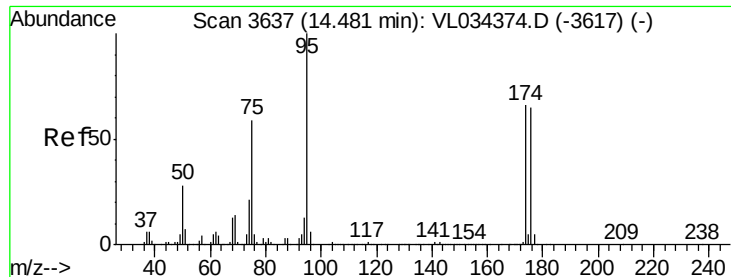
Tot Ion: 78 Resp: 35993
Ion Ratio Lower Upper
78 100
77 22.9 20.2 30.4
50 27.9 17.1 25.7#



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. -0.01 min
Lab File: VL034489.D
Acq: 10 Dec 2019 9:44

Tgt Ion: 117 Resp: 1675081
Ion Ratio Lower Upper
117 100
82 72.5 57.5 86.3
119 32.8 25.4 38.2





#68

1-Bromo-4-Fluorobenzene

Concen: 10.159 ppbv

RT: 14.47 min Scan# 3633

Delta R.T. -0.01 min

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Acq: 10 Dec 2019 9:44

Instrument :

MSVOA_L

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Tot Ion: 95 Resp: 1431583

Ion Ratio Lower Upper

95 100

174 64.8 52.2 78.2

175 4.6 3.8 5.8

