

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030620\
 Data File : VL034829.D
 Acq On : 7 Mar 2020 00:23
 Operator : SY/AP
 Sample : L1698-05DL2 600X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-5-4DL2

Quant Time: Mar 07 09:22:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030420AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
 QLast Update : Wed Mar 04 06:36:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	903198	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.18	114	2093430	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.11	117	2078775	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1622780	9.36	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.60%

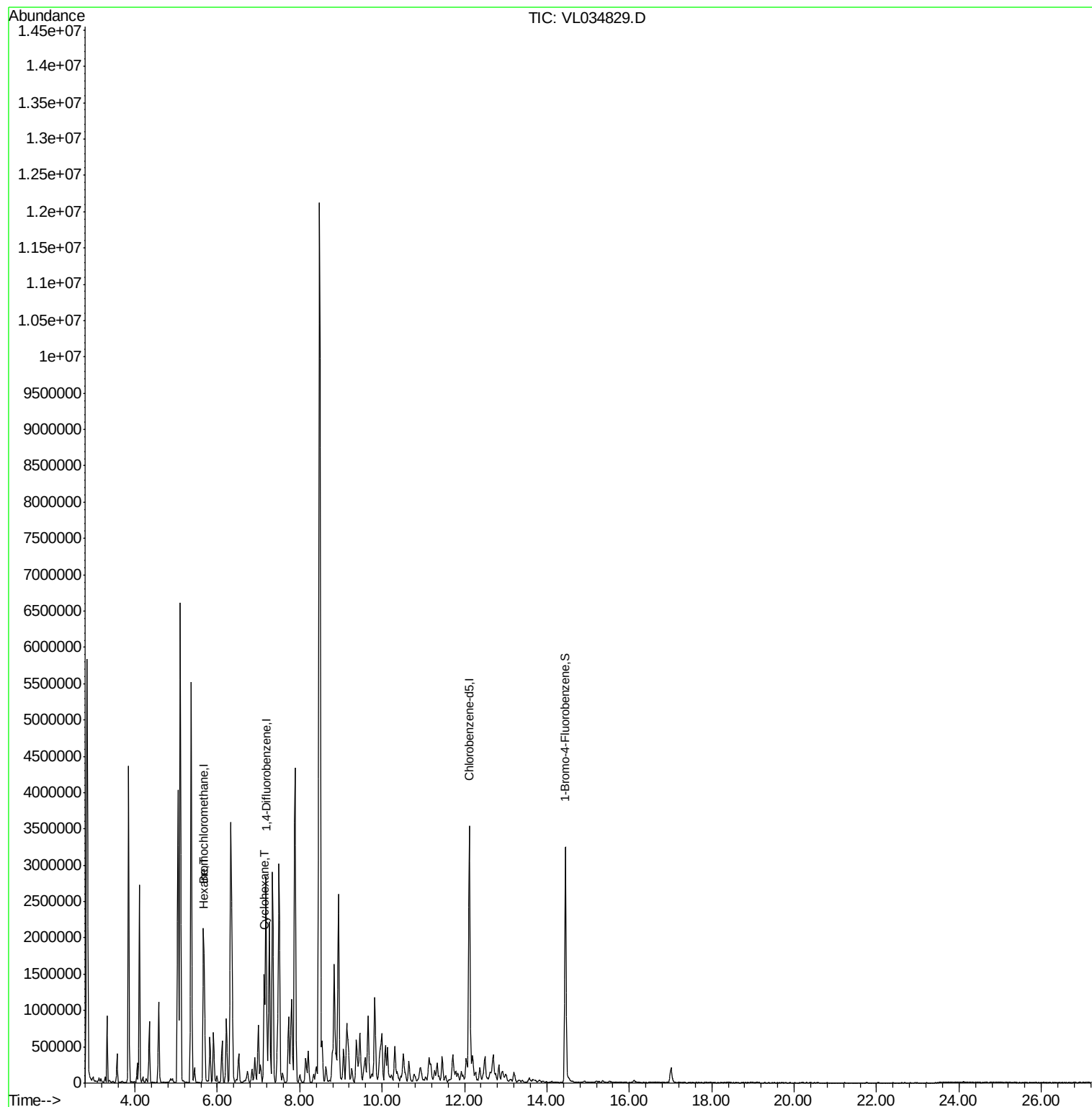
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
26) Hexane	5.69	57	510313	6.250	ppbv	# 42
30) Cyclohexane	7.14	84	521826	8.354	ppbv	98

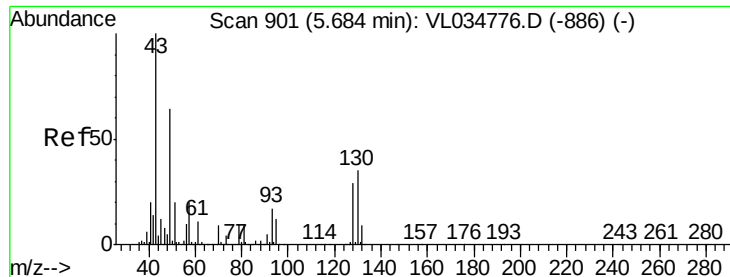
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.02 min

Lab File: VL034829.D

Acq: 7 Mar 2020 00:23

Instrument :

MSVOA_L

ClientSampleId :

SS-5-4DL2

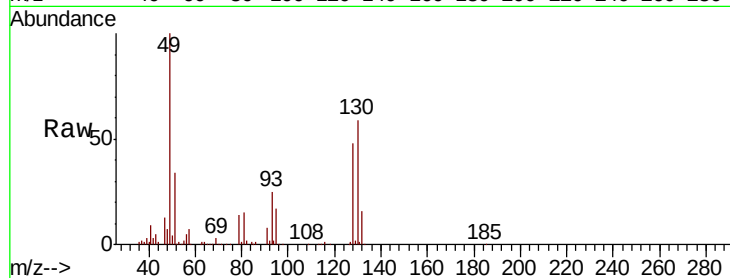
Tot Ion: 49 Resp: 903198

Ion Ratio Lower Upper

49 100

128 47.8 21.6 64.6

130 60.6 27.4 82.2



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

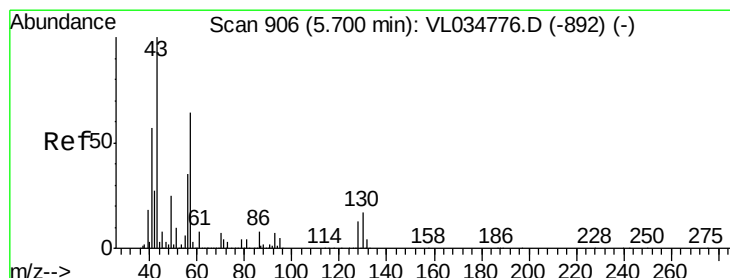
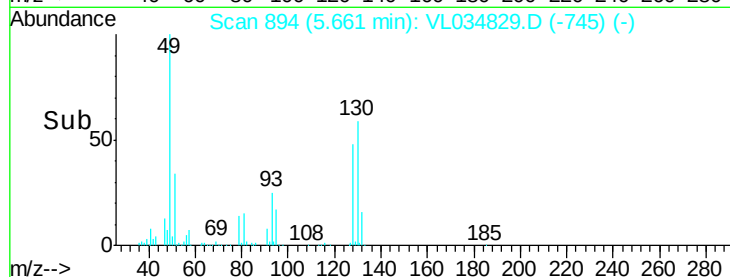
5.66

400000

200000

0

Time-->



#26

Hexane

Concen: 6.250 ppbv

RT: 5.69 min Scan# 902

Delta R.T. -0.01 min

Lab File: VL034829.D

Acq: 7 Mar 2020 00:23

Tgt Ion: 57 Resp: 510313

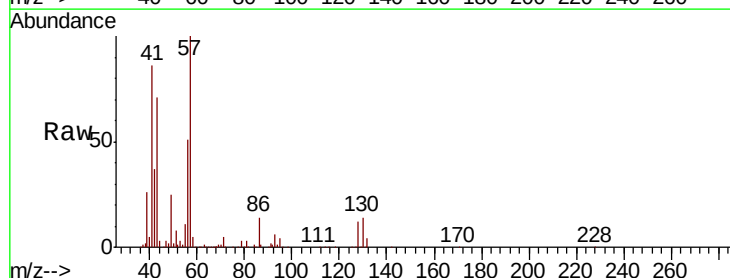
Ion Ratio Lower Upper

57 100

41 91.8 72.0 108.0

43 71.5 179.1 268.7#

56 53.5 42.6 63.8



Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0

5.69

400000

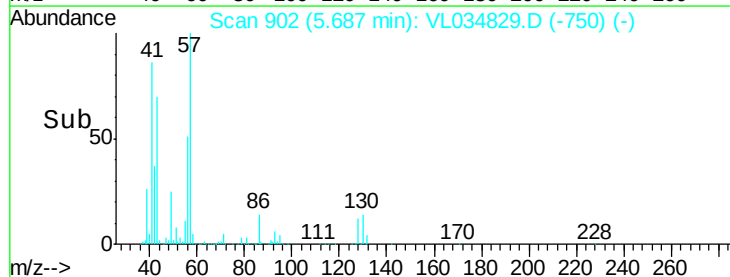
300000

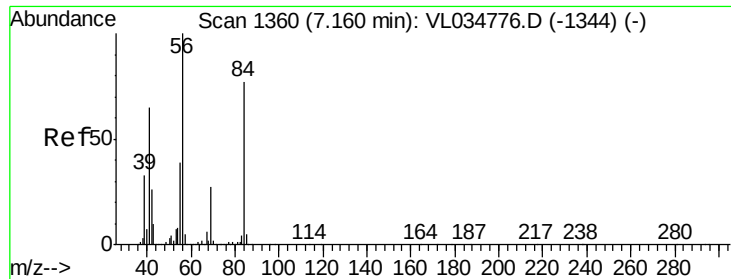
200000

100000

0

Time-->

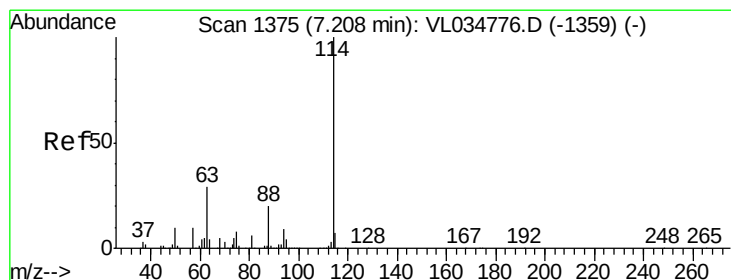
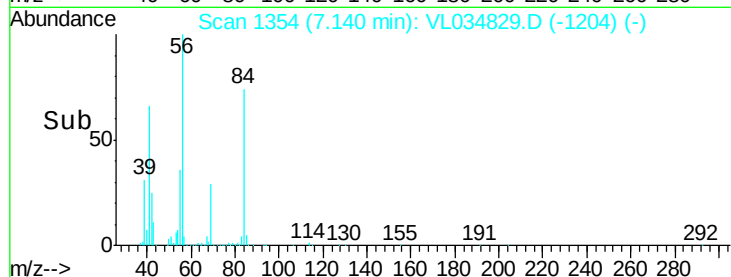
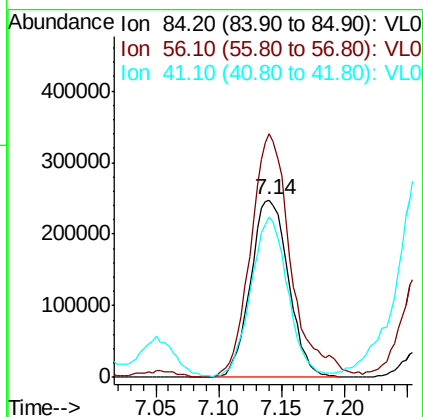
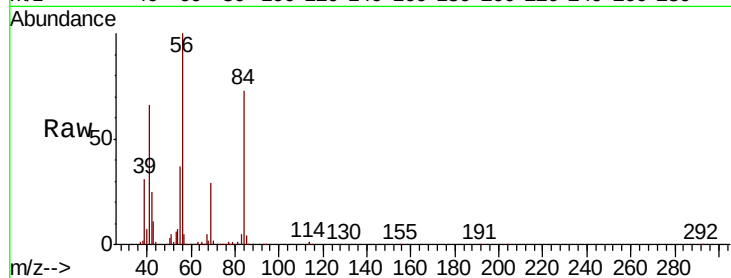




#30
Cyclohexane
Concen: 8.354 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. -0.02 min
Lab File: VL034829.D
Acq: 7 Mar 2020 00:23

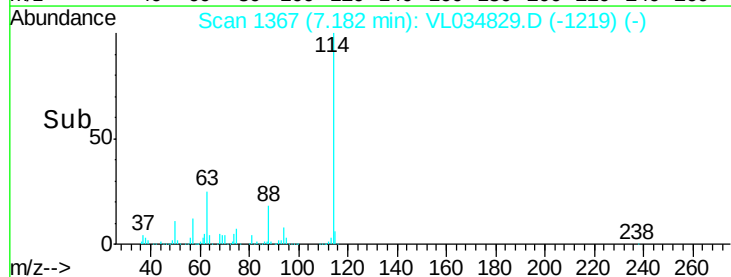
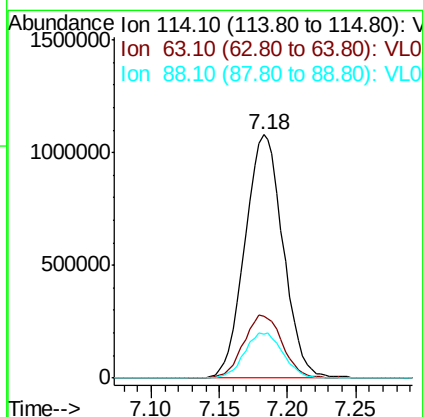
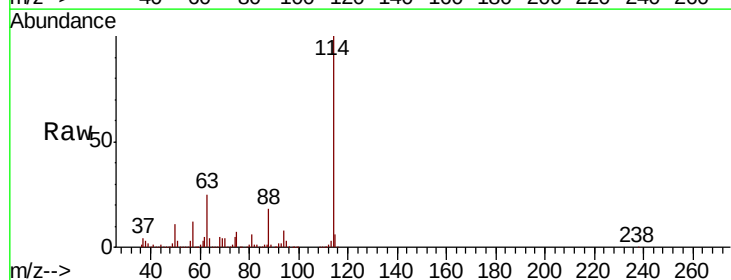
Instrument :
MSVOA_L
ClientSampleId :
SS-5-4DL2

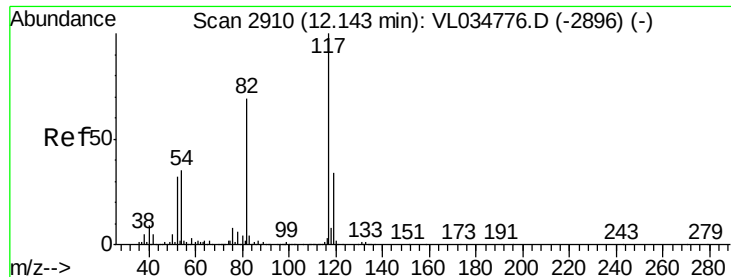
Tot Ion: 84 Resp: 521826
Ion Ratio Lower Upper
84 100
56 144.4 113.2 169.8
41 87.3 70.2 105.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.03 min
Lab File: VL034829.D
Acq: 7 Mar 2020 00:23

Tgt Ion: 114 Resp: 2093430
Ion Ratio Lower Upper
114 100
63 26.3 23.6 35.4
88 18.8 15.8 23.8

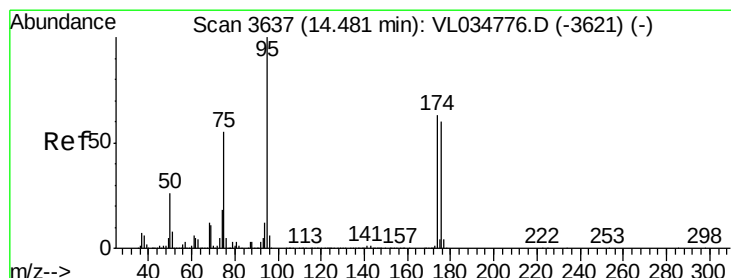
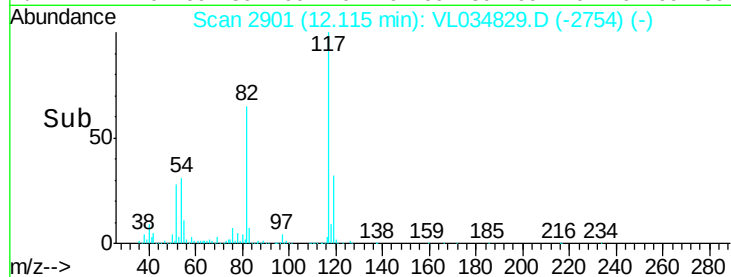
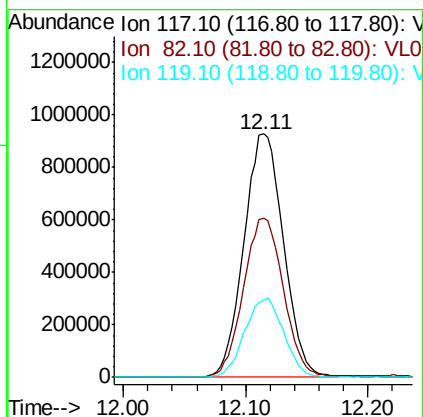
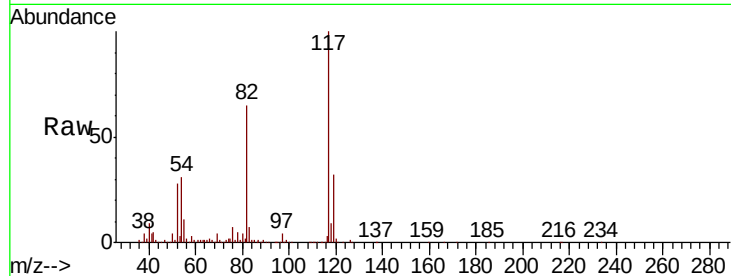




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.03 min
Lab File: VL034829.D
Acq: 7 Mar 2020 00:23

Instrument :
MSVOA_L
ClientSampleId :
SS-5-4DL2

Tot Ion:117 Resp: 2078775
Ion Ratio Lower Upper
117 100
82 65.7 53.9 80.9
119 32.3 25.0 37.4



#68
1-Bromo-4-Fluorobenzene
Concen: 9.362 ppbv
RT: 14.45 min Scan# 3628
Delta R.T. -0.03 min
Lab File: VL034829.D
Acq: 7 Mar 2020 00:23

Tgt Ion: 95 Resp: 1622780
Ion Ratio Lower Upper
95 100
174 70.9 50.6 76.0
175 5.5 3.8 5.6

